

DESIGN DESIGNATION

ROUTE K
A.A.D.T. - 2021 = 12,895
A.A.D.T. - 2041 = 17,029
D.H.V. = 8.4%
T = 2.9% WB, 3.4% EB
V = 55 MPH
D = 51% WB, 49% EB

FUNCTIONAL CLASSIFICATION = MAJOR COLLECTOR

MD 25
A.A.D.T. - 2021 = 6,122
A.A.D.T. - 2041 = 6,764
D.H.V. = 6.6%
T = 8.3% NB, 6.7% SB
V = 45 MPH
D = 45% NB, 55% SB

FUNCTIONAL CLASSIFICATION = MAJOR COLLECTOR

UTILITIES

CAPE GIRARDEAU PUBLIC WATER DISTRICT
(573)243-9767
AMEREN MISSOURI ELECTRIC
(314)621-3222
LIBERTY UTILITIES
1-855-872-3242
AT&T
(636)402-7027
CHARTER COMMUNICATIONS
(314)455-9142
SHO-ME TECHNOLOGIES
(573)837-1825
MO ONE CALL
1(800-DIG-RITE)

NO NEW RIGHT OF WAY WILL BE
ACQUIRED FOR THIS PROJECT

CONVENTIONAL SYMBOLS
(USED IN PLANS)

BUILDINGS AND STRUCTURES

GUARD RAIL

CONCRETE RIGHT-OF-WAY MARKER

STEEL RIGHT-OF-WAY MARKER

LOCATION SURVEY MARKER

UTILITIES

FIBER OPTICS

OVERHEAD CABLE TV

UNDERGROUND CABLE TV

OVERHEAD TELEPHONE

UNDERGROUND TELEPHONE

OVERHEAD POWER

UNDERGROUND POWER

SANITARY SEWER

STORM SEWER

GAS

WATER

EXISTING

NEW

MANHOLE

FIRE HYDRANT

WATER VALVE

WATER METER

DROP INLET

DITCH BLOCK

GROUND MOUNTED SIGN

LIGHT POLE

H-FRAME POWER POLE

TELEPHONE PEDESTAL

FENCE

CHAIN LINK

WOVEN WIRE

GATE POST

BENCHMARK

NOTE: DASHED OR OPEN SYMBOLS INDICATE
EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS, SPECIFICATIONS, AND ESTIMATE FOR
PROPOSED ROUTE K AT ROUTE 25
ROUNDBABOUT AND ROADWAY WIDENING
CAPE GIRARDEAU COUNTY

U.S. LAND SURVEY 1815

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 COUNTY AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COUNTY "AS-IS" AND THE COUNTY 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 COUNTY SHALL NOT BE LIABLE FOR ANY DAMAGES THAT MAY ARISE FROM ANY ERROR IN THE INFORMATION. IT IS, THEREFORE, THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE, LOCATION AND STATUS OF ANY FACILITY. SUCH VERIFICATION INCLUDES DIRECT CONTACT WITH THE LISTED UTILITIES.

DISCLAIMER OF RESPONSIBILITY
I hereby specify that the documents intended to be authorized by my seal are limited to this sheet, and I hereby disclaim any responsibility for all other Drawings, Specifications, Estimates, Reports or other documents or instruments relating to or intended to be used for any part of the engineering project or survey

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET-----	1
TYPICAL SECTIONS (TS) (4 SHEETS)---	2
QUANTITIES (QU) (5 SHEETS)-----	3
PLAN-PROFILE (PP)-----	4-13
COORDINATE POINTS (CP)-----	14
SPECIAL SHEETS	
WARPING SHEET (WP)-----	15
RNDBT DETAIL (RD)-----	16
TRAFFIC CONTROL (TC) (10 SHEETS)---	17-26
EROSION CONTROL (EC) (6 SHEETS)---	27-32
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SIGNING/STRIPING (SN) (10 SHEETS)---	35-44
SIGNING/STRIPING (PM) (7 SHEETS)---	45-51
CULVERT SECTIONS (CS) (2 SHEETS)---	52-53
CROSS SECTIONS (XS) (22 SHEETS)---	XS1-XS26
RIGHT OF WAY (RW)-----	RW1-RW7

LENGTH OF PROJECT

RT K

BEGINNING OF PROJECT STA 0+07.15
END OF PROJECT STA 20+20.00
APPARENT LENGTH 2,012.85 FEET
EQUATIONS AND EXCEPTIONS: NONE

MO 25(SOUTH)

BEGINNING OF PROJECT STA 109+27.47
END OF PROJECT STA 112+96.27
APPARENT LENGTH 368.80 FEET
EQUATIONS AND EXCEPTIONS: NONE

MO 25(NORTH)

BEGINNING OF PROJECT STA 212+89.78
END OF PROJECT STA 216+34.84
APPARENT LENGTH 345.06 FEET
EQUATIONS AND EXCEPTIONS: NONE

TOTAL CORRECTIONS 0.00 FEET
NET LENGTH OF PROJECT 2,726.71 FEET
STATE LENGTH 0.516 MILES

FOR INFORMATION ONLY 5.0 ACRES
ESTIMATED DISTURBED ACRES

SITE BENCHMARKS:
SEE COORDINATE POINTS SHEET

STATE OF MISSOURI
LORNE W. JACKSON
NUMBER
PE-2003014985
PROFESSIONAL ENGINEER

DATE PREPARED
10/19/2023

ROUTE
25
STATE
MO

DISTRICT
SE
SHEET NO.
1

COUNTY
CAPE GIRARDEAU

JOB NO.
J953841

CONTRACT ID.

PROJECT NO.

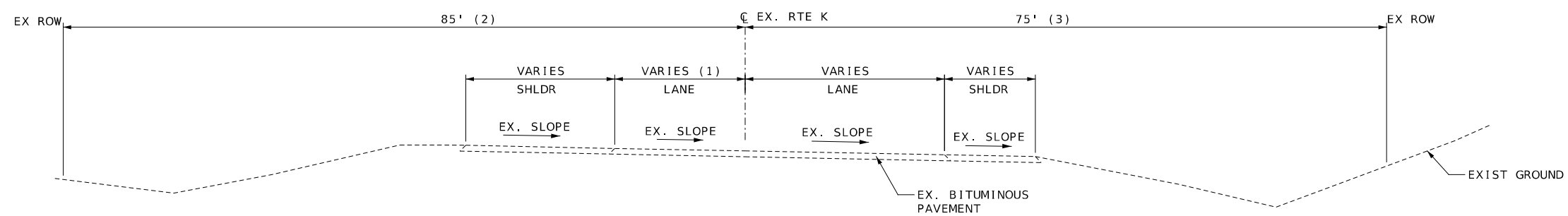
BRIDGE NO.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

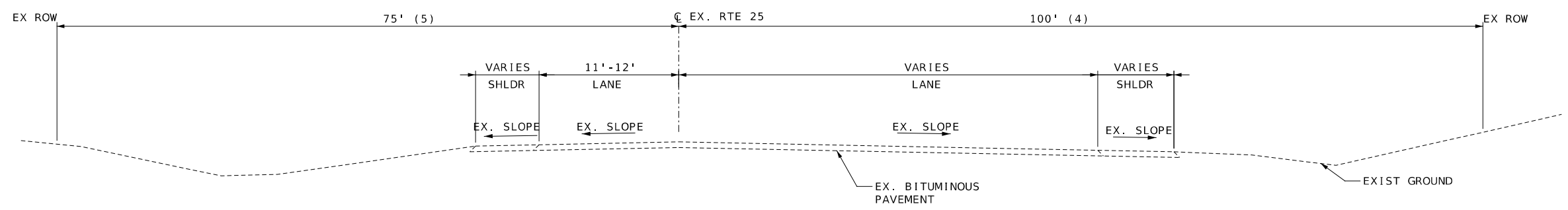
LOCHMUELLER GROUP

411 North 10th Street, Suite 200
St. Louis, MO 63101
Phone: 314.621.3395



EXISTING SECTION - RTE K

- STA. 0+00.00 TO STA. 20+20.00
(1) RIGHT TURN LANE WIDENING STA. 0+00 TO STA. 6+75
(2) VARIES STA. 0+00.00 TO STA. 4+40.20
VARIES STA. 12+38.63 TO STA. 13+50.00
VARIES STA. 20+00.00 TO STA. 20+20.00
75' STA. 13+50.00 TO STA. 20+00.00
(3) VARIES STA. 0+00.00 TO STA. 1+30.00



EXISTING SECTION - MO 25

- STA. 609+27.47 TO STA. 616+34.97
(4) VARIES STA. 611+00.00 TO STA. 616+34.97
(5) VARIES STA. 614+00.00 TO STA. 615+40.00
35' STA. 615+40.00 TO STA. 616+34.97

TYPICAL SECTIONS
SHEET 1 OF 4

STATE OF MISSOURI

LORNE W. JACKSON

NUMBER

PE-2003014985

PROFESSIONAL ENGINEER

DATE PREPARED

9/29/2023

ROUTE

25

DISTRICT

SE

STATE

MO

SHEET NO.

2

COUNTY

CAPE GIRARDEAU

JOB NO.

J9S3841

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

1-888-ASK-MODOT (1-888-273-6636)

LOCHMUELLER GROUP

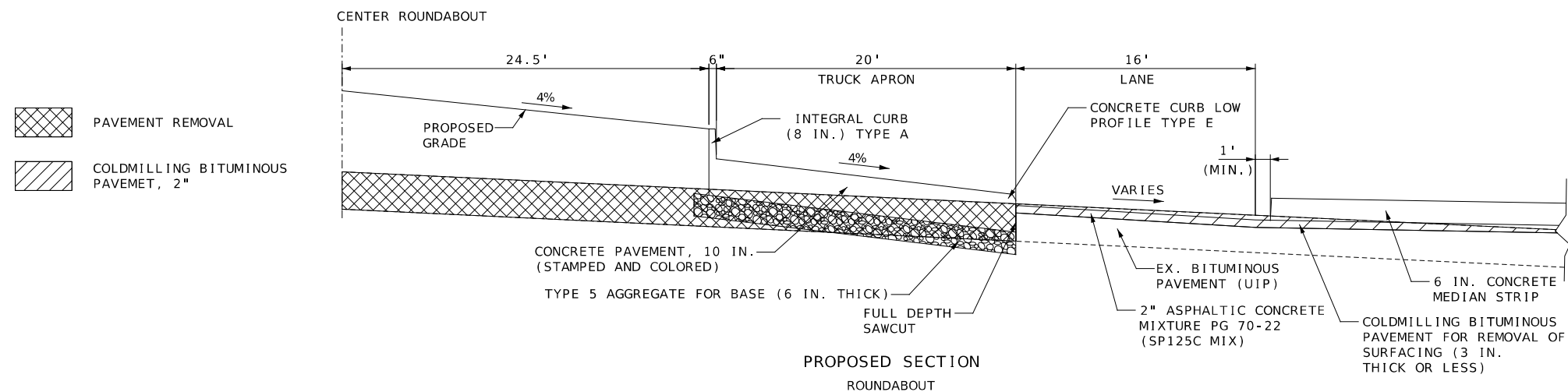
411 North 10th Street, Suite 200

St. Louis, MO 63101

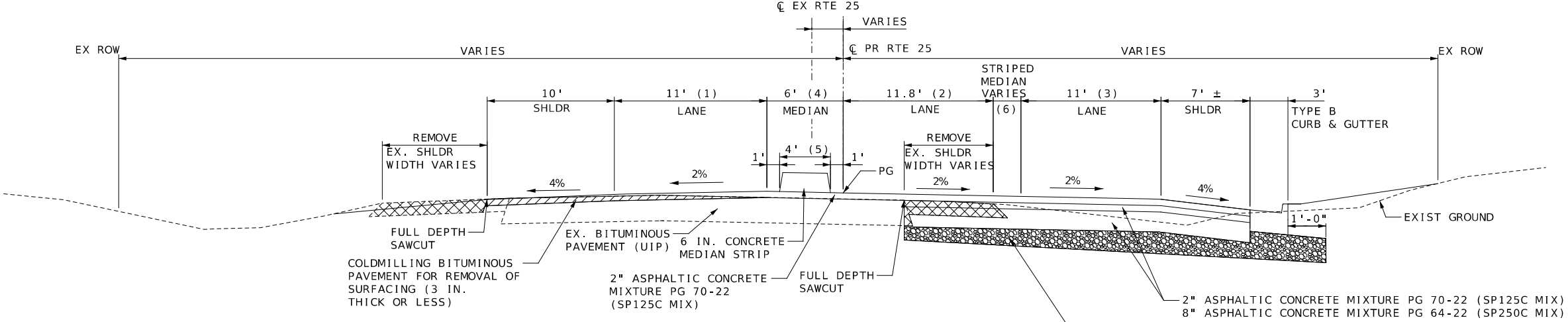
Phone: 314.621.3395

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

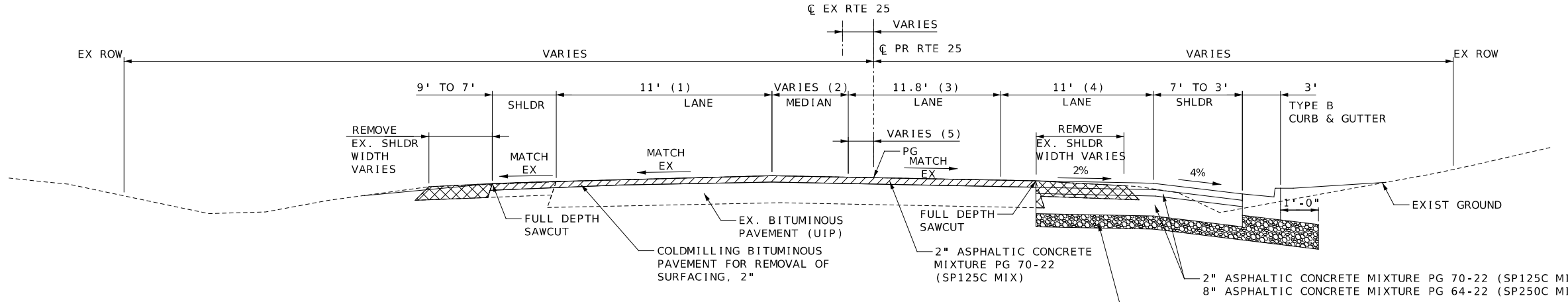
REV.



NOTE: REFER TO ROUNDABOUT TYPICAL SECTIONS AND
WARPING SHEETS FOR STA. 212+89.78 TO STA. 213+87.84



- PROPOSED SECTION- MO 25 (NORTH)
STA. 213+87.84 TO STA. 215+51.26
(1) VARIES 16' @ STA. 213+87.84 TO 11' @ STA. 215+46.10
(2) VARIES 15.1' @ STA. 213+87.84 TO 11.8' @ STA. 215+51.26
(3) VARIES 17.8' @ STA. 213+87.84 TO 11' @ STA. 215+51.26
(4) VARIES 6.4' @ STA. 213+87.84 TO 6' @ STA. 213+99.41
VARIES 6' @ STA. 215+15.68 TO 5' @ STA. 215+51.26
(5) VARIES 4.4' @ STA. 213+87.84 TO 4' @ STA. 213+99.41
VARIES 4' @ STA. 215+15.68 TO 3' @ STA. 215+15.26
(6) VARIES 5' @ STA. 213+87.84 TO 0" @ STA. 215+51.26



- PROPOSED SECTION- MO 25 (NORTH)
STA. 215+51.26 TO STA. 216+34.84
(1) VARIES 11' @ STA. 215+51.26 TO 10.5' @ STA. 216+34.84
(2) VARIES 6' @ STA. 215+51.26 TO 1.5' @ STA. 216+34.84
(3) VARIES 11.8' @ STA. 215+51.26 TO 10.2' @ STA. 216+34.84
(4) VARIES 11' @ STA. 215+51.26 TO 12' @ STA. 216+34.84
(5) VARIES 1' @ STA. 215+51.26 TO 2' @ STA. 216+34.84

 PAVEMENT REMOVAL
 COLDMILLING BITUMINOUS
PAVEMET, 2"



DATE PREPARED 9/29/2023	
ROUTE 25	STATE MO
DISTRICT SE	SHEET NO. 2
COUNTY CAPE GIRARDEAU	
JOB NO. J953841	
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)



**LOCHMUELLER
GROUP**

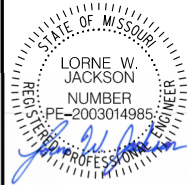
411 North 10th Street, Suite 200
St. Louis, MO 63101
Phone: 314.621.3395

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SUMMARY OF QUANTITIES

NO.	PAY ITEM	ITEM DESCRIPTION	UNIT	QUANTITY
ROADWAY				
1	2022010	REMOVAL OF IMPROVEMENTS	LS	1
2	2072000	LINEAR GRADING CLASS 2	STA	26.3
3	3040504	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	SY	2520
4	3040506	TYPE 5 AGGREGATE FOR BASE (6 IN. THICK)	SY	9465
5	3101003	GRAVEL (A)	SY	426
6	4010150	TYPE A2 SHOULDER	SY	1922.1
7	4011209	BITUMINOUS PAVEMENT MIXTURE PG64-22, (BP-1) (ENTRANCES)	TON	533
8	4030103	ASPHALTIC CONCRETE MIXTURE PG 70-22 (SP125C MIX)	TON	2542
9	4030306	ASPHALTIC CONCRETE MIXTURE PG 64-22 (SP250C MIX)	TON	3055
10	5021110	CONCRETE PAVEMENT, 10 IN. (STAMPED AND COLORED)	SY	480.9
11	6083003	3 IN. CONCRETE MEDIAN STRIP	SY	47.7
12	6083006	6 IN. CONCRETE MEDIAN STRIP	SY	825.9
13	6085007	PAVED APPROACH, 7 IN.	SY	879
14	6091041	CONCRETE GUTTER, TYPE A	LF	45
15	6091052	CURB AND GUTTER, TYPE B	LF	464
16	6092021	INTEGRAL CURB (OVER 6 IN. HEIGHT) TYPE A	LF	154
17	6092031	LOW PROFILE CONCRETE CURB, TYPE E	LF	281.2
18	6096020	FURNISHING TYPE 2 ROCK DITCH LINER	CY	45
19	6096042	PLACING TYPE 2 ROCK DITCH LINER	CY	45
20	6113010	FURNISHING TYPE 1 ROCK BLANKET	CY	12
21	6113030	PLACING TYPE 1 ROCK BLANKET	CY	12
22	6161005	CONSTRUCTION SIGNS	SF	571
23	6161025	CHANNELIZER (TRIM LINE)	EA	114
24	6161030	TYPE III MOVEABLE BARRICADE	EA	3
25	6161098A	CHANGEABLE MESSAGE SIGN WITHOUT COMMUNICATION INTERFACE, CONTRACTOR FURNISHED, CONTRACTOR RETAINED	EA	3
26	6162000A	WORK ZONE TRAFFIC SIGNAL SYSTEM	EA	1
27	6181000	MOBILIZATION	LS	1
28	6191000	PAVEMENT EDGE TREATMENT	LF	4500
29	6200021	PREFORMED THERMOPLASTIC PAVEMENT MARKING, LEFT/RIGHT ARROW	EA	10
30	6200042	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN WHITE, YIELD LINE TRIANGLES	EA	16
31	6200045	PREFORMED THERMOPLASTIC PAVEMENT MARKING, LT/RT FISH HOOK ARROW	EA	5
32	6200051	PREFORMED THERMOPLASTIC PAVEMENT MARKING, COMBINATION STR/LT/RT FISHHOOK ARROW	EA	2
33	6205301B	TEMPORARY REMOVABLE MARKING TAPE 4 IN., WHITE	LF	5860
34	6205303B	TEMPORARY REMOVABLE MARKING TAPE 4 IN., YELLOW	LF	11650
35	6205425	TEMPORARY NON-REMOVABLE MARKING TAPE 24 IN., WHITE	LF	97
36	6205440A	TEMPORARY NON-REMOVABLE MARKING TAPE LEFT/RIGHT ARROW	EA	7
37	6205443A	TEMPORARY NON-REMOVABLE MARKING TAPE COMBINATION STRAIGHTLEFT/RIGHT ARROW	EA	1
38	6206000C	4" WHITE WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS	LF	8953
39	6206001C	4" YELLOW WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS	LF	7234
40	6206108A	8 IN. WHITE STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS	LF	69
41	6207001	PAVEMENT MARKING REMOVAL	LF	2498
42	6207002	PAVEMENT MARKING REMOVAL (SYMBOLS)	EA	7
43	6208076	4 IN TEMPORARY PAVEMENT MARKING PAINT	LF	10357
44	6221001	COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3 IN. THICK OR LESS)	SY	9464
45	6274000	CONTRACTOR FURNISHED SURVEYING AND STAKING	LS	1
46	8025006	MULCHING	ACRE	2.9
47	8051000A	SEEDING - COOL SEASON GRASSES	ACRE	2.9
48	8061005	ROCK DITCH CHECK	LF	150
49	8061016	SEDIMENT REMOVAL	CY	182
50	8061019	SILT FENCE	LF	3170
51	9031010	CONCRETE FOOTINGS, EMBEDDED	CY	6.4
52	9031210	STRUCTURAL STEEL POSTS	LB	920
53	9031220	PIPE POSTS	LB	4020
54	9035004A	SH-FLAT SHEET	SF	83
55	9035069A	SHF-FLAT SHEET FLUORESCENT	SF	332

NO.	PAY ITEM	ITEM DESCRIPTION	UNIT	QUANTITY
DRAINAGE				
56	2063000	CLASS 3 EXCAVATION	CY	81
57	6044011	PIPE COLLAR, GROUP A	EA	3
58	7261018	18 IN. CORRUGATED OR SPECIFIED EQUIVALENT SMOOTH INTERIOR PIPE GROUP A	LF	4
59	7261024	24 IN. CORRUGATED OR SPECIFIED EQUIVALENT SMOOTH INTERIOR PIPE GROUP A	LF	247
60	7320618A	18 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION	EA	1
61	7320624A	24 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION	EA	6
NO.	PAY ITEM	ITEM DESCRIPTION	UNIT	QUANTITY
LIGHTING				
62	9011030	LIGHTING POLE, 30 FT. OR 9.0 M, TYPE AT	EA	12
63	9011115	BRACKET ARM, 15 FT. OR 4.6 M	EA	12
64	9011311	LUMINAIRE, LED-A	EA	12
65	9012230	BASE MOUNTED CONTROL STATION 240 VOLT - 4 CIRCUIT	EA	1
66	9013004	CONDUIT, 4 IN. RIGID, IN TRENCH	LF	65
67	9014003	CONDUIT, 3 IN. RIGID, PUSHED	LF	182
68	9016110	PULL BOX, PREFORMED CLASS 1	EA	5
69	9017110	CABLE, 10 AWG 1 CONDUCTOR, POLE AND BRACKET	LF	1220
70	9017407	CABLE-CONDUIT, 1 IN., 2 CONDUCTORS AND 1 BARE NEUTRAL, 8 AWG	LF	1550
71	9018230	POLE FOUNDATION (30 FT. OR 9.0 M MOUNTING HEIGHT)	EA	12
72	9018612	POWER SUPPLY ASSEMBLY, TYPE 2, 240/120 VOLT SERVICE, LIGHTING ONLY	EA	1



DATE PREPARED	
10/25/2023	
ROUTE	STATE
25	MO
DISTRICT	SHEET NO.
SE	3
COUNTY	
CAPE GIRARDEAU	
JOB NO.	
J9S3841	
CONTRACT ID.	
.	
PROJECT NO.	
.	
BRIDGE NO.	

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

LOCHMUELLER GROUP
411 North 10th Street, Suite 200
St. Louis, MO 63101
Phone: 314.621.3395

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QUANTITIES
SHEET 1 OF 5

REMOVAL OF IMPROVEMENTS = 1 LUMP SUM

PAVEMENT REMOVAL							
SHEET	ROUTE	ASPHALT SHOULDER (SY)	PAVEMENT (SY)	ENTRANCE PAVEMENT (SY)	CONCRETE ISLAND REMOVAL (SY)	SAWCUT (LF)	REMARKS
4	RTE K	1059.1	737.0		283.6	1852.0	
5	RTE K	851.2		1242.7		1281.6	
6	RTE K	1047.2		318.8		1213.0	
7	RTE K	1032.7		58.8		1195.3	
10	MO-25	120.7				285.6	
11	MO-25	394.2		11.1		406.5	

STORMWATER FACILITY REMOVALS						
SHEET	STATION	STATION	ROUTE	LOCATION	LENGTH (LF)	REMARKS
5	3+73.09	4+63.25	RTE K	46' LT	90.2	24" RCP
5	3+79.65	4+22.06	RTE K	44' RT	42.6	24" CMP
5	6+40.77	NA	RTE K	46' LT	NA	18" FES
5	6+85.73	NA	RTE K	53' RT	NA	18" FES
5	6+66.52	7+63.28	RTE K	49' LT	98	24" RCP

POWER POLE REMOVALS				
SHEET	STATION	ROUTE	LOCATION	REMARKS
5	5+12	RTE K	75' RT.	RISER: TO BE REMOVED AND REPLACED BY OTHERS
5	5+12	RTE K	75' RT.	PP: TO BE REMOVED AND REPLACED BY OTHERS

CURB AND GUTTER REMOVALS						
SHEET	STATION	STATION	ROUTE	LOCATION	CURB AND GUTTER (LF)	REMARKS
11	216+11.55	216+34.86	MO-25	27' RT.	21	CONCRETE CURB AND GUTTER

MISC REMOVALS					
SHEET	STATION	ROUTE	LOCATION	ITEM	REMARKS
5	8+22.43	RTE K	33.8' RT	MAILBOX	REMOVE AND RELOCATE
6	10+57.89	RTE K	20.9' RT	MAILBOX	REMOVE AND RELOCATE (x3)
7	15+37.80	RTE K	23' RT	MAILBOX	REMOVE AND RELOCATE
7	17+66.80	RTE K	21.6' RT	MAILBOX	REMOVE AND RELOCATE
7	19+63.40	RTE K	21.8' RT	MAILBOX	REMOVE AND RELOCATE

SIGN REMOVALS					
SHEET	STATION	ROUTE	LOCATION	ITEM	REMARKS
35	112+76.12	MO-25-SOUTH	63.7' LT	W1-7, M6-4, M1-5	INTERSECTION ARROWS, MO-25
35	213+30.23	MO-25 NORTH	85.5' LT	M1-5, M1-5a, M5-1, M6-3	MO-25, RTE K, LEFT, STRAIGHT
35	0+36.81	RTE K	147.8' RT	M1-5, M1-5a, M6-1, M6-3	MO-25, RTE K, RIGHT, STRAIGHT
35	0+55.43	RTE K	43.6' LT	R5-1	DO NOT ENTER
35	0+63.67	RTE K	29.9' RT	R5-1	DO NOT ENTER
35	0+92.64	RTE K	103.2' LT	R1-2	YIELD
35	9+99.76	RTE K	54.7' RT	R1-2	YIELD
35	1+55.66	RTE K	47.4' RT	I9-1a	ADOPT-A-HIGHWAY (GORDONVILLE GRILL)
35	2+37.77	RTE K	41.9' RT	R2-1	SPEED LIMIT 55
36	8+14.10	RTE K	28.0' LT	M2-1, M1-5	JCT / MO-25
39	111+07.67	MO-25-SOUTH	39.6' LT	M3-3, M1-5	SOUTH / MO-25
40	216+27.94	MO-25-NORTH	30.2' RT	M3-1, M1-5	NORTH / MO-25
35	2+33	RTE K	12.3'LT	R2-1, I4-2a	SPEED LIMIT 45, CITY LIMIT
35	0+66	RTE K	15.7'LT	R1-1	STOP
36	3+64	RTE K	27.4'RT	W11-1, W16-1P	BICYCLE / SHARE THE ROAD
36	4+39	RTE K	24.8'RT	M1-5a	RTE K
36	5+70	RTE K	24.9'RT	W3-1	STOP AHEAD
36	5+71	RTE K	26.8'LT	W3-1	STOP AHEAD

QUANTITIES
SHEET 2 OF 5



DATE PREPARED
10/25/2023

ROUTE 25 STATE MO

DISTRICT SE SHEET NO. 3

COUNTY
CAPE GIRARDEAU

JOB NO.
J9S3841

CONTRACT ID.
.

PROJECT NO.
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BRIDGE NO.
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DESCRIPTION	DATE
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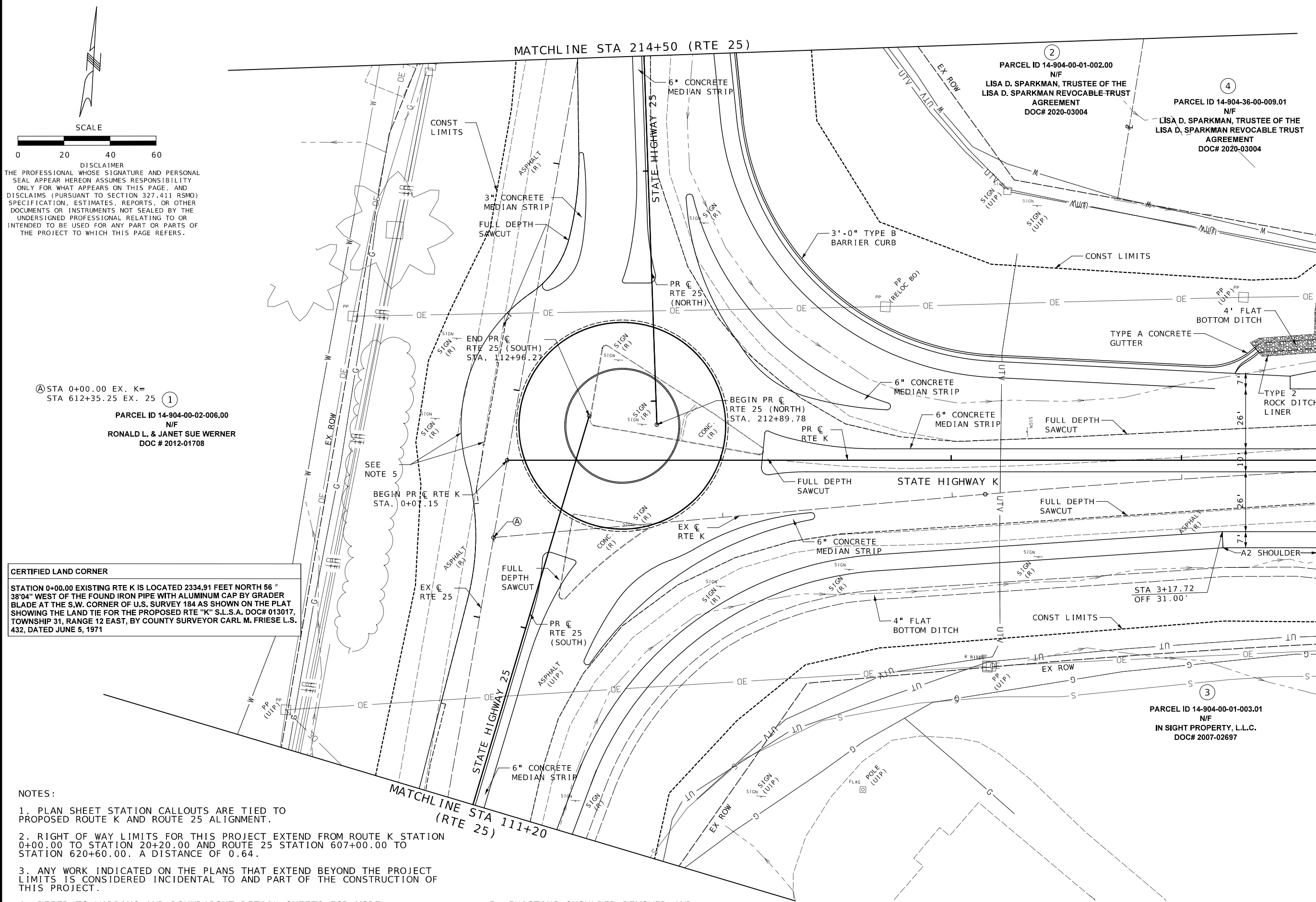
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Phone: 314.621.3395

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THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL
SEAL APPEAR HEREON ASSUMES RESPONSIBILITY
ONLY FOR WHAT APPEARS ON THIS PAGE, AND
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SPECIFICATION, ESTIMATES, REPORTS, OR OTHER
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UNDERSIGNED PROFESSIONAL RELATING TO OR
INTENDED TO BE USED FOR ANY PART OR PARTS OF
THE PROJECT TO WHICH THIS PAGE RELATES.

(A) STA 0+00.00 EX. K=
 STA 612+35.25 EX. 25 (1)
 PARCEL ID 14-904-00-02-006,00
 N/F
 RONALD L. & JANET SUE WERNER
 DOC # 2012-01708

CERTIFIED LAND CORNER

STATION 0+00.00 EXISTING RTE K IS LOCATED 2334.91 FEET NORTH 56 ° 38'04" WEST OF THE FOUND ION PIPE WITH ALUMINUM CAP BY GRADER BLADE AT THE S.W. CORNER OF U.S. SURVEY 184 AS SHOWN ON THE PLAT SHOWING THE LAND TIE FOR THE PROPOSED RTE "K" S.L.S.A. DOC# 013017, TOWNSHIP 31, RANGE 12 EAST, BY COUNTY SURVEYOR CARL M. FRIESE L.S. 432, DATED JUNE 5, 1971

NOTES:

1. PLAN SHEET STATION CALLOUTS ARE TIED TO PROPOSED ROUTE K AND ROUTE 25 ALIGNMENT.
2. RIGHT OF WAY LIMITS FOR THIS PROJECT EXTEND FROM ROUTE K STATION 0+00.00 TO STATION 20+20.00 AND ROUTE 25 STATION 607+00.00 TO STATION 620+60.00. A DISTANCE OF 0.64.
3. ANY WORK INDICATED ON THE PLANS THAT EXTEND BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND PART OF THE CONSTRUCTION OF THIS PROJECT.
4. REFER TO WARPING AND ROUNDABOUT DETAIL SHEETS FOR MORE INFORMATION.

5. EXISTING SHOULDER REMOVED AND REPLACED WITH FULL DEPTH ASPHALT WIDENING.

RTE K PLAN
SHEET 1 OF 4

[illegible]

DISCLAIMER
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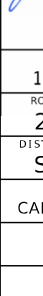
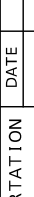
This engineering plan sheet details the proposed alignment for Route K, spanning from station 3+60 to 9+20. The plan includes several key features and annotations:

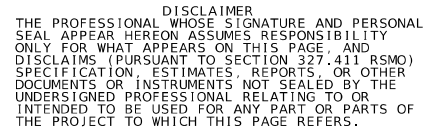
- Parcel Information:** The project area is divided into several parcels, including Parcel ID 14-904-36-07-001.00 (Lot 1, N/F, Golightly & Long, LLC, DOC# 2021-09793), Parcel ID 14-904-36-07-004.00 (Lot 2, N/F, Kevin & Susan Stanfield, DOC# 2022-03351), Parcel ID 14-904-00-01-003.01 (N/F, In Sight Property, L.L.C., DOC# 2007-02697), Parcel ID 14-904-36-00-010.06 (N/F, In Sight Property, L.L.C., DOC# 2007-02760), and Parcel ID 14-904-36-00-010.01 (N/F, LDG Cape Girardeau MO LLC, DOC# 2015-12113).
- Alignment and Stationing:** The main alignment is shown with stationing from 3+60 to 9+20. Key stationing points include STA 3+79.89, STA 4+55.65 (OFF 142.4'), STA 5+16.68 (OFF 142.4'), STA 5+7 (OFF 142.4'), STA 5+16.68, STA 5+50.00 (PC STA), STA 5+50.00 (POC STA), STA 8+20.00 (OFF 31.00'), and STA 9+20.00. The plan also shows a 16.5' - 24" RCP extension and a 3.8' - 18" RCP extension.
- Construction Details:** The plan specifies various construction elements, including Type 2 Rock Ditch Liners, Type A2 Shoulders, Full Depth Sawcuts, and 24" FES (FL=428.73', FL=425.46', FL=422.52', FL=422.61', ELEV.=418.72'). It also shows 18" RCP (UIP) and 24" RCP (R) sections.
- Right of Way and Limits:** The plan shows the EX ROW (Existing Right of Way) and CONST LIMITS (Construction Limits) for the project.
- Notes:** The plan includes three notes: 1. PLAN SHEET STATION CALLOUTS ARE TIED TO PROPOSED ROUTE K ALIGNMENT. 2. RIGHT OF WAY LIMITS FOR THIS PROJECT EXTEND FROM ROUTE K STATION 0+00.00 TO STATION 20+20.00 AND ROUTE 25 STATION 607+00.00 TO STATION 620+60.00. A DISTANCE OF 0.64. 3. ANY WORK INDICATED ON THE PLANS THAT EXTEND BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND PART OF THE CONSTRUCTION OF THIS PROJECT.

RTE K PLAN
SHEET 2 OF 4

MATCHLINE STA 9+20 (PTE K)

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DATE PREPARED 10/19/2023	
ROUTE 25	STATE MO
DISTRICT SE	SHEET NO. 5
COUNTY CAPE GIRARDEAU	
JOB NO. J9S3841	
CONTRACT 1D. .	
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 (1-888-273-6636)	
	
411 North 10th Street, Suite 200 St. Louis, MO 63101 Phone: 314.621.3395	



DATE PREPARED
10/19/2023

ROUTE 25	STATE MO
DISTRICT SE	SHEET NO. 6

COUNTY
CAPE GIRARDEAU
JOB NO.
J9S3841
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

LOCHMUELLER GROUP
411 North 10th Street, Suite 200
St. Louis, MO 63101
Phone: 314.621.3395

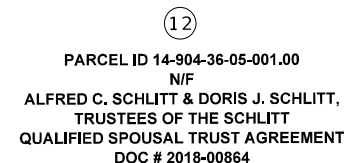
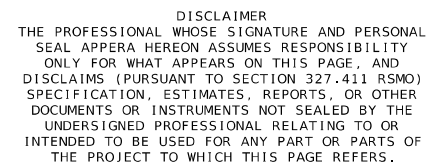
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NOTES :

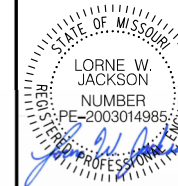
1. PLAN SHEET STATIONCALLOUTS ARE TIED TO PROPOSED ROUTE K ALIGNMENT.
2. RIGHT OF WAY LIMITS FOR THIS PROJECT EXTEND FROM ROUTE K STATION 0+00.00 TO STATION 20+20.00 AND ROUTE 25 STATION 607+00.00 TO STATION 620+60.00. A DISTANCE OF 0.64.
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RTE K PLAN
SHEET 3 OF 4

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DATE PREPARED	
10/19/2023	
ROUTE	STATE
25	MO
DISTRICT	SHEET #
SE	7
COUNTY	
CAPE GIRARDEAU	
JOB NO.	
J9S3841	
CONTRACT ID.	
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PROJECT NO.	
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BRIDGE NO.	

DATE	DESCRIPTION
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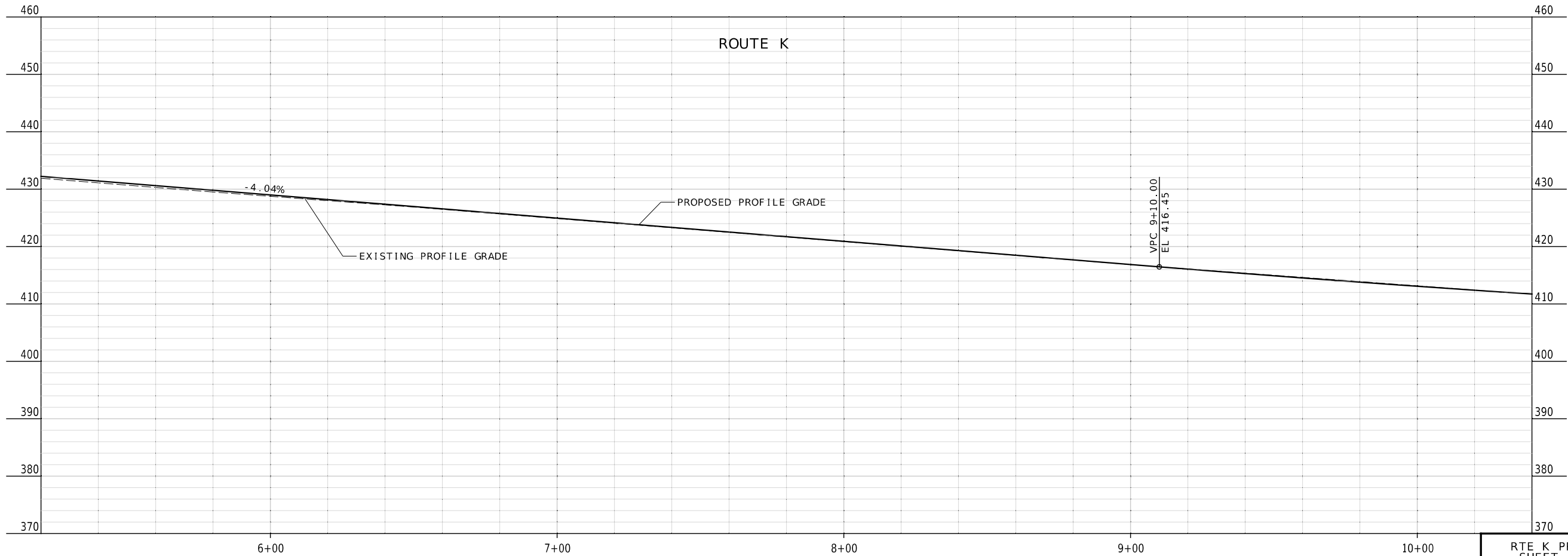
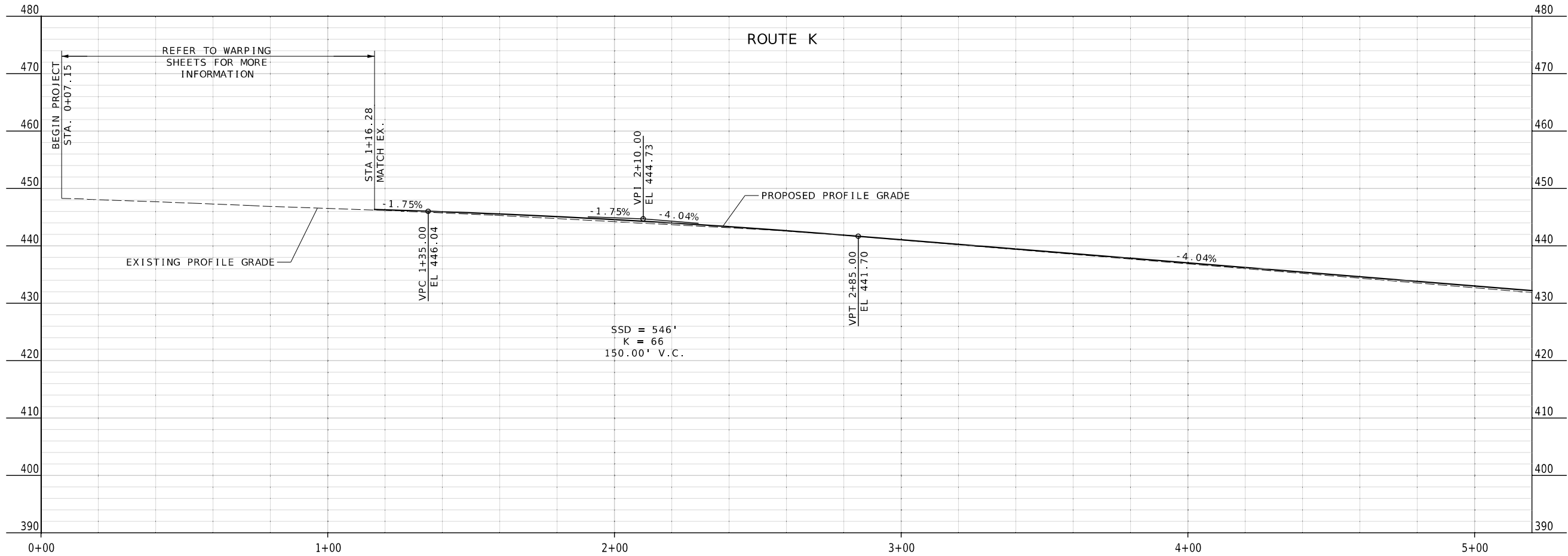
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102

LOCHMUELLER GROUP
411 North 10th Street, Suite 200
St. Louis, MO 63101

RTE K PLAN
SHEET 4 OF 4



RTE K PROFILES
SHEET 1 OF 2

STATE OF MISSOURI
REGISTERED PROFESSIONAL ENGINEER
LORNE W. JACKSON
NUMBER PE-2003014985

DATE PREPARED
9/27/2023

ROUTE 25

STATE MO

DISTRICT SE

SHEET NO. 8

COUNTY
CAPE GIRARDEAU

JOB NO.
J953841

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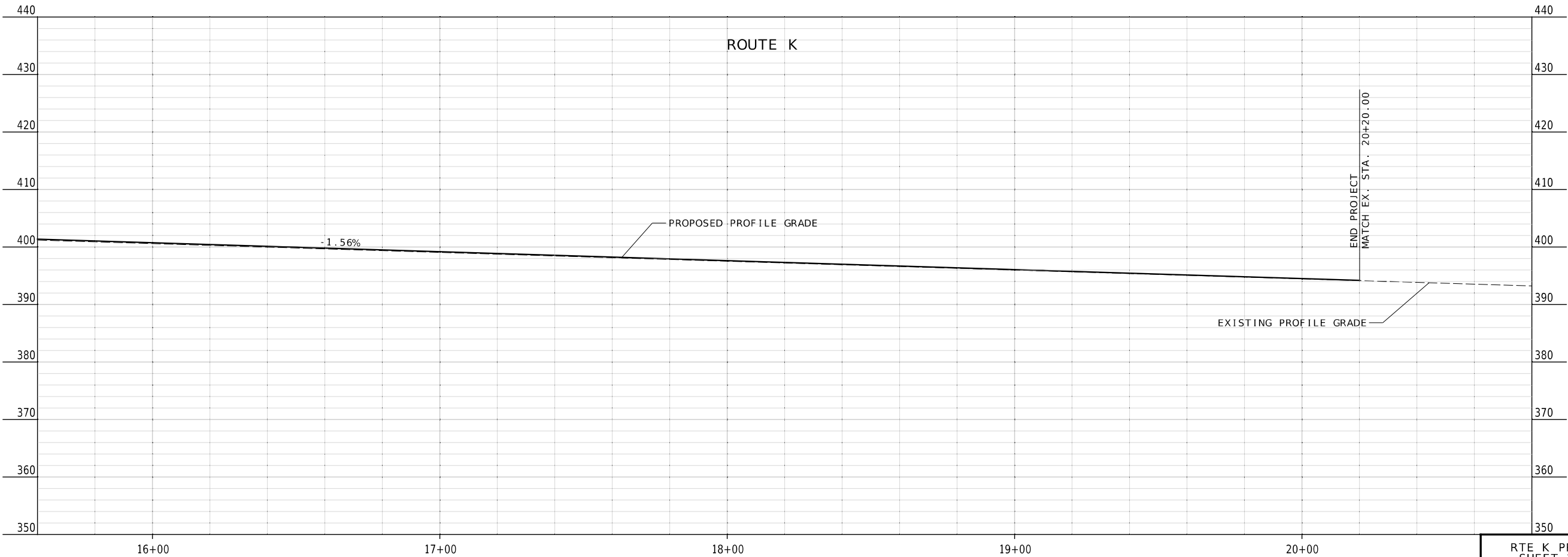
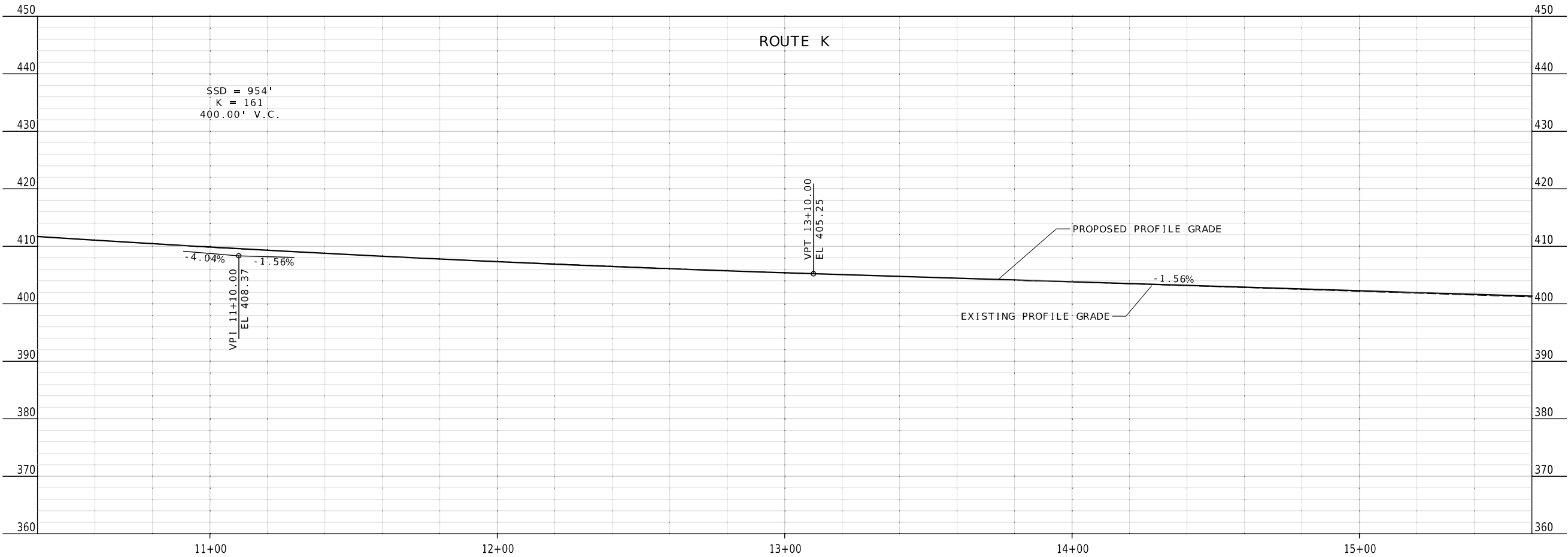
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

411 North 10th Street, Suite 200
St. Louis, MO 63101
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RTE K PROFILES
SHEET 2 OF 2

STATE OF MISSOURI
REGISTERED PROFESSIONAL ENGINEER
LORNE W. JACKSON
NUMBER
PE-2003014985

DATE PREPARED
9/27/2023

ROUTE
25

DISTRICT
SE

STATE
MO

SHEET NO.
9

COUNTY
CAPE GIRARDEAU

JOB NO.
J9S3841

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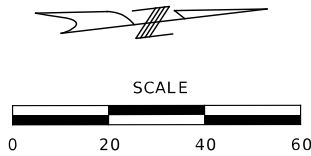
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
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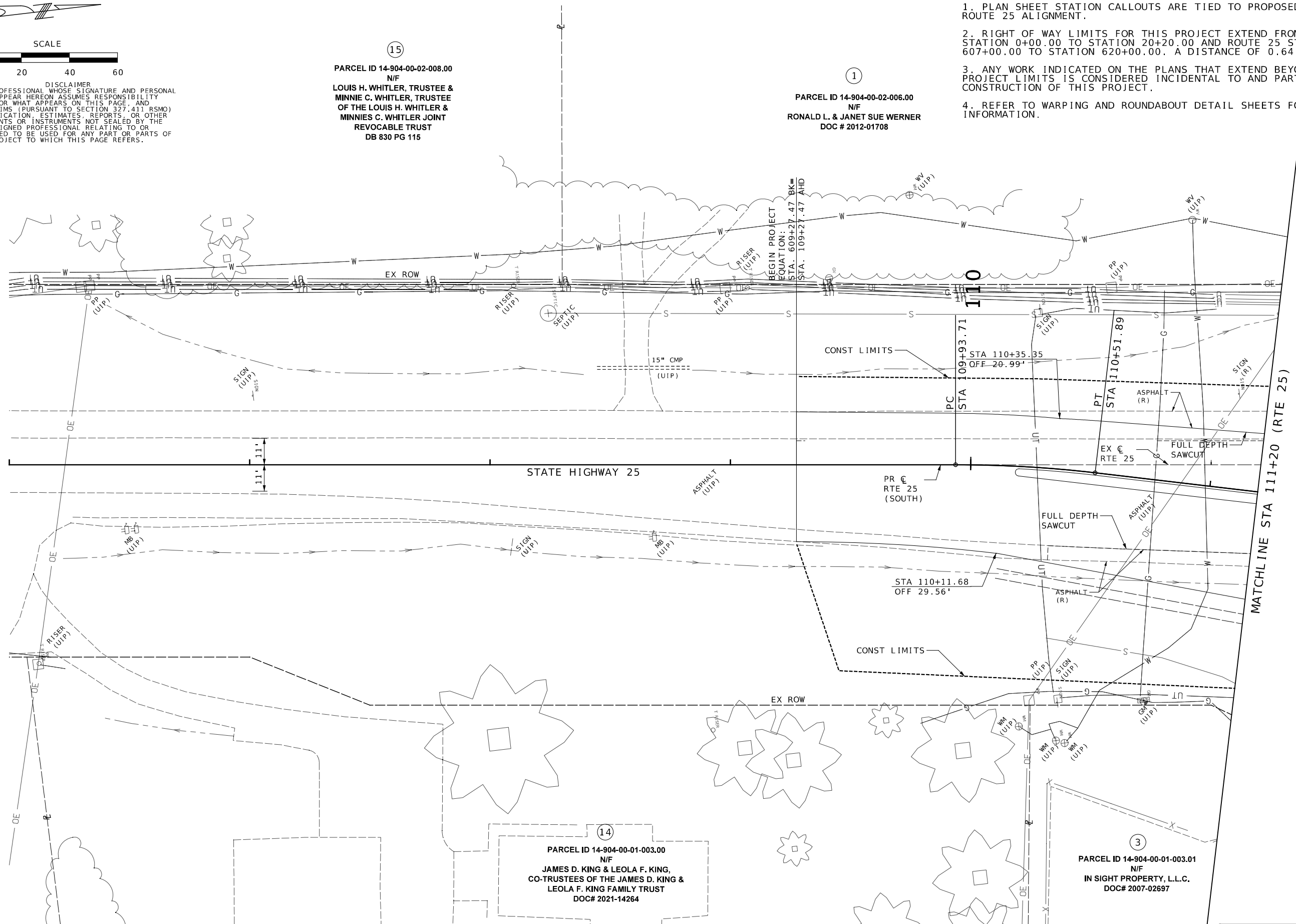


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15
PARCEL ID 14-904-00-02-008.00
N/F
LOUIS H. WHITLER, TRUSTEE &
MINNIE C. WHITLER, TRUSTEE
OF THE LOUIS H. WHITLER &
MINNIES C. WHITLER JOINT
REVOCABLE TRUST
DB 830 PG 115

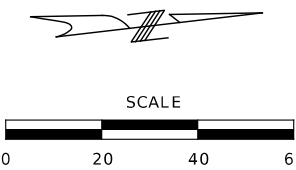
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PARCEL ID 14-904-00-02-006.00
N/F
RONALD L. & JANET SUE WERNER
DOC # 2012-01708

- NOTES:
1. PLAN SHEET STATION CALLOUTS ARE TIED TO PROPOSED ROUTE 25 ALIGNMENT.
 2. RIGHT OF WAY LIMITS FOR THIS PROJECT EXTEND FROM ROUTE K STATION 0+00.00 TO STATION 20+20.00 AND ROUTE 25 STATION 607+00.00 TO STATION 620+00.00. A DISTANCE OF 0.64
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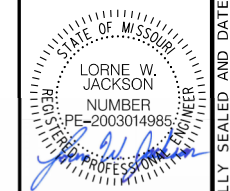
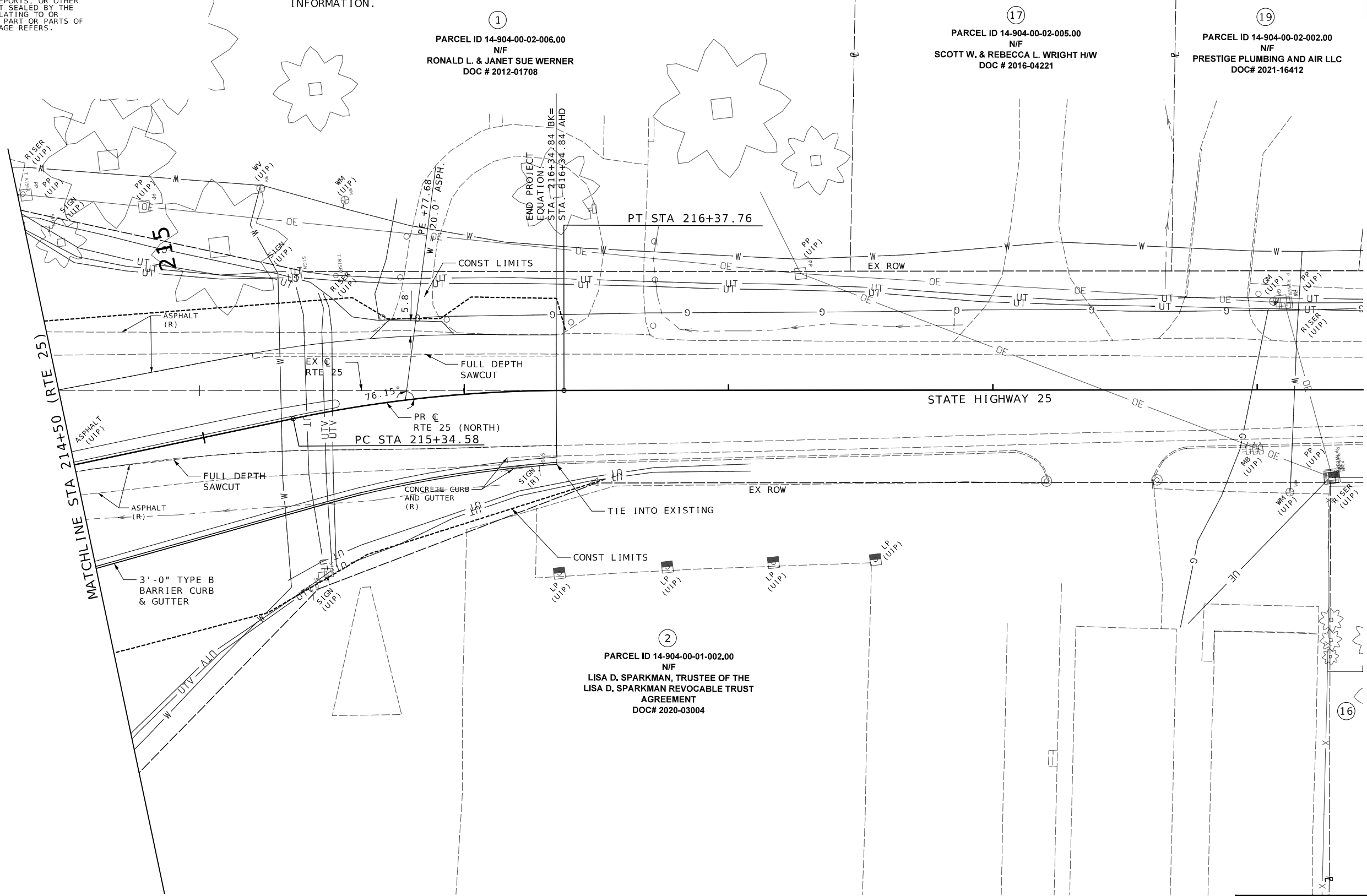
RTE 25 PLAN
SHEET 1 OF 2

DATE PREPARED 9/27/2023	
ROUTE 25	STATE MO
DISTRICT SE	SHEET NO. 10
COUNTY CAPE GIRARDEAU	
JOB NO. J953841	
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)	
411 North 10th Street, Suite 200 St. Louis, MO 63101 Phone: 314.621.3395	



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DATE PREPARED 9/27/2023	
ROUTE 25	STATE MO
DISTRICT SE	SHEET NO. 11
COUNTY CAPE GIRARDEAU	
JOB NO. J953841	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

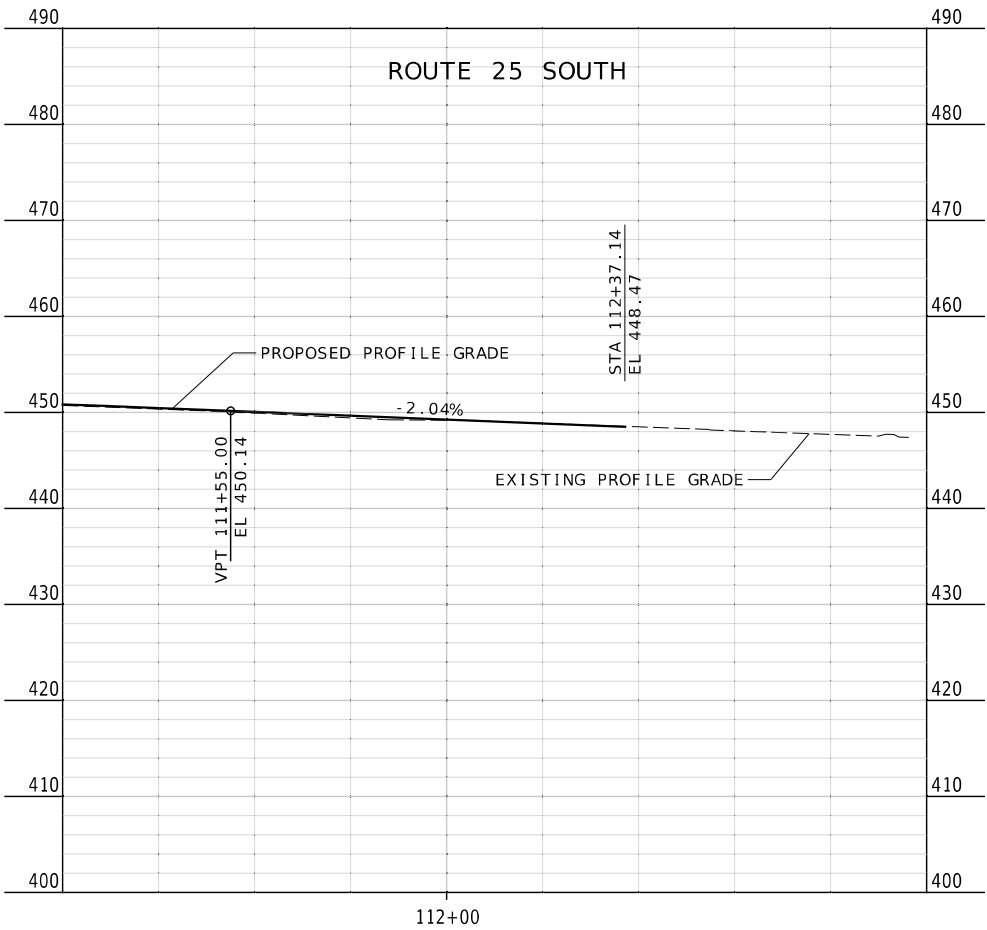
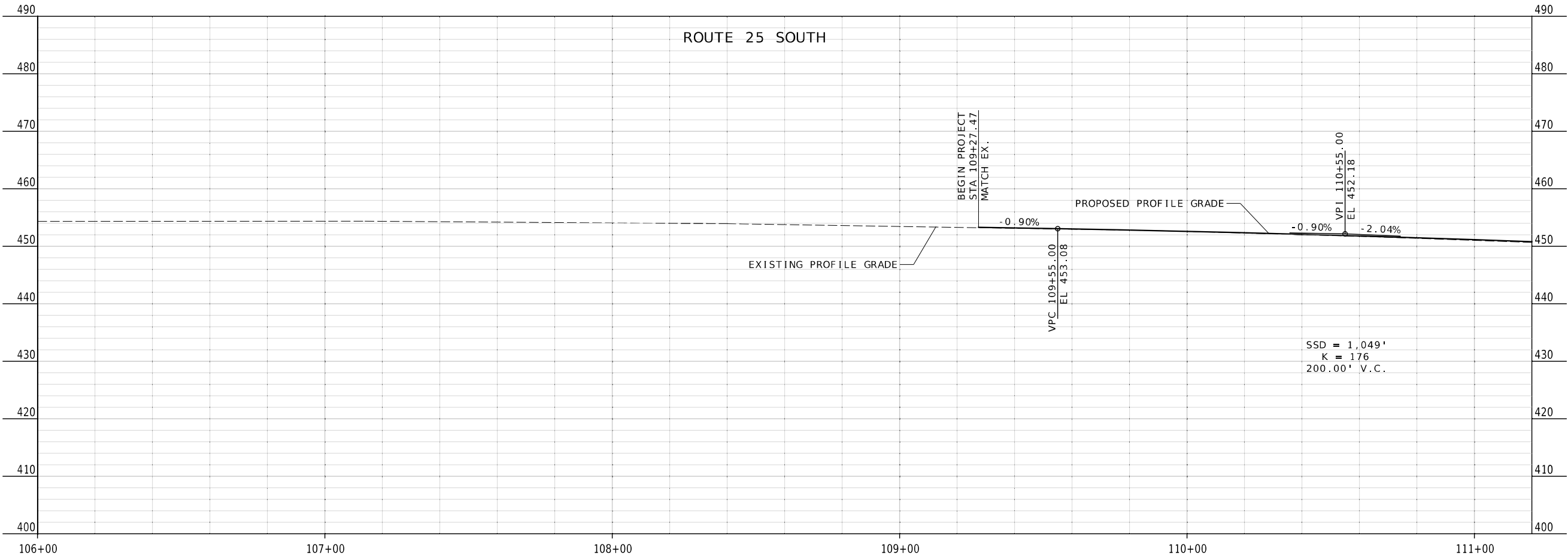
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

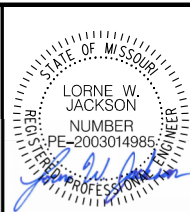
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Phone: 314.621.3395

RTE 25 PLAN
SHEET 2 OF 2

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RTE 25 PROFILES
SHEET 1 OF 2



DATE PREPARED 9/27/2023	
ROUTE 25	STATE MO
DISTRICT SE	SHEET NO. 12
COUNTY CAPE GIRARDEAU	
JOB NO. J9S3841	
CONTRACT ID. .	
PROJECT NO. .	
BRIDGE NO. .	

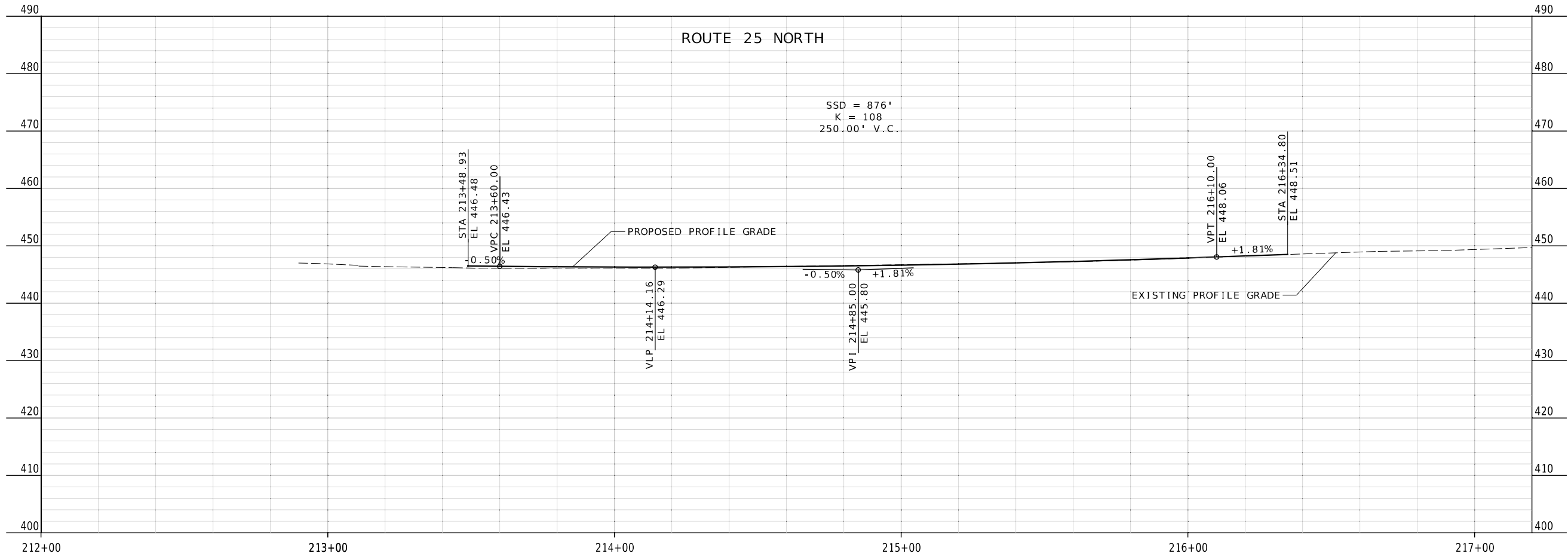
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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

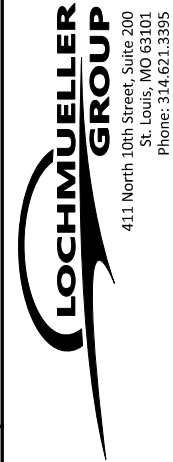
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

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



RTE 25 PROFILES
SHEET 2 OF 2



MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

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.
J9S3841

CAPE GIRARDEAU

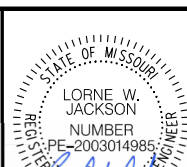
COUNTY
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DISTRICT
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ROUTE
25

STATE
MO

DATE PREPARED
9/27/2023



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

Point Type	Station	Northing	Easting
PROPOSED RTE 25 SOUTH			
POT	101+93.93	540,321.347	1,062,602.785
PC	109+93.71	541,115.523	1,062,697.331
PI	110+22.84	541,144.441	1,062,700.774
PT	110+51.89	541,172.763	1,062,707.551
POT	112+96.27	541,410.429	1,062,764.415
PROPOSED RTE 25 NORTH			
POT	212+89.78	541,408.289	1,062,793.943
PC	215+34.58	541,652.087	1,062,771.905
PI	215+86.35	541,703.655	1,062,767.244
PT	216+37.76	541,755.083	1,062,773.248
POT	226+42.28	542,752.818	1,062,889.738
PROPOSED RTE K			
POT	0+07.15	541,389.191	1,062,729.911
PC	5+50.00	541,419.267	1,063,271.924
PI	8+95.25	541,438.395	1,063,616.645
PT	12+38.63	541,395.402	1,063,959.208
POT	38+00.00	541,076.441	1,066,500.641

SURVEY NOTES:

- HORIZONTAL CONTROL STATEMENT: STATE PLANE COORDINATES ON THIS PROJECT WERE ESTABLISHED BASED OFF OF EXISTING CONTROL SET BY MODOT ON POINTS 101, 113 AND 112 AND BY CHECKING INTO HORIZONTAL DISK CG 12, UTILIZING THE MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION GLOBAL NAVIGATION SATELLITE REALTIME NETWORK FOR CONTINUOUSLY OPERATING REFERENCE STATIONS DURING JULY, 2022 AND ARE BASED ON THE MISSOURI COORDINATE SYSTEM OF 1983, EAST ZONE. THE AVERAGE COMBINED PROJECT GRID FACTOR IS 0.99999207 AS PROVIDED BY MODOT STAFF.
- PROJECT COORDINATES ARE MODIFIED MISSOURI STATE PLANE COORDINATES AND WERE ESTABLISHED BY APPLYING THE INVERSE OF THE PROJECT GRID FACTOR (1.00000793) ABOUT THE ORIGIN (0.0). AS PROVIDED BY MODOT STAFF.
- VERTICAL DATUM IS NAVD 88. ELEVATIONS WERE PUBLISHED ON EXISTING CONTROL POINTS 101,113 AND 112 AS SUPPLIED BY MODOT STAFF AND CHECKED USING GPS AND THEN TRANSFERRED TO CONTROL POINTS 200, 201 AND 202. FIELD WORK WAS PERFORMED DURING JULY, 2022.

PROJECT BENCHMARK: CG 12 DK5334(NAVD88)
BM ELEVATION = 457.40

HORIZONTAL CONTROL DISK SET IN TOP OF CONCRETE MONUMENT STAMPED CG-12 2006, FROM I-55 AND ROUTE K OVERPASS ON THE WEST SIDE OF CAPE GIRARDEAU, GO WEST ALONG ROUTE K ABOUT 1.85 MILES TO THE INTERSECTION OF ROUTE K WITH NOTRE DAME DRIVE, GO SOUTH ALONG NOTRE DAME DRIVE FOR ABOUT 0.15 MILES TO THE STATION. THE STATION IS LOCATED IN THE PARKING LOT OF NOTRE DAME REGIONAL HIGH SCHOOL. IT IS IN THE SOUTHEAST CORNER OF THE INTERSECTION OF NOTRE DAME DRIVE AND THE SOUTHERN MOST ENTRANCE INTO THE SCHOOL PARKING LOT, 62.8 FEET SOUTHEAST OF A LIGHT POLE AND 141 FEET NORTHEAST OF THE NORTHEAST CORNER OF A DROP INLET.

TBM "A" ELEVATION = 454.69

FOUND RAILROAD SPIKE IN WEST FACE OF POWER POLE #260234, LOCATED ON THE EAST SIDE OF HIGHWAY 25 APPROXIMATELY 50 FEET NORTH OF THE CENTERLINE OF DRIVEWAY TO HOUSE #5243.

TBM "B" ELEVATION = 434.35

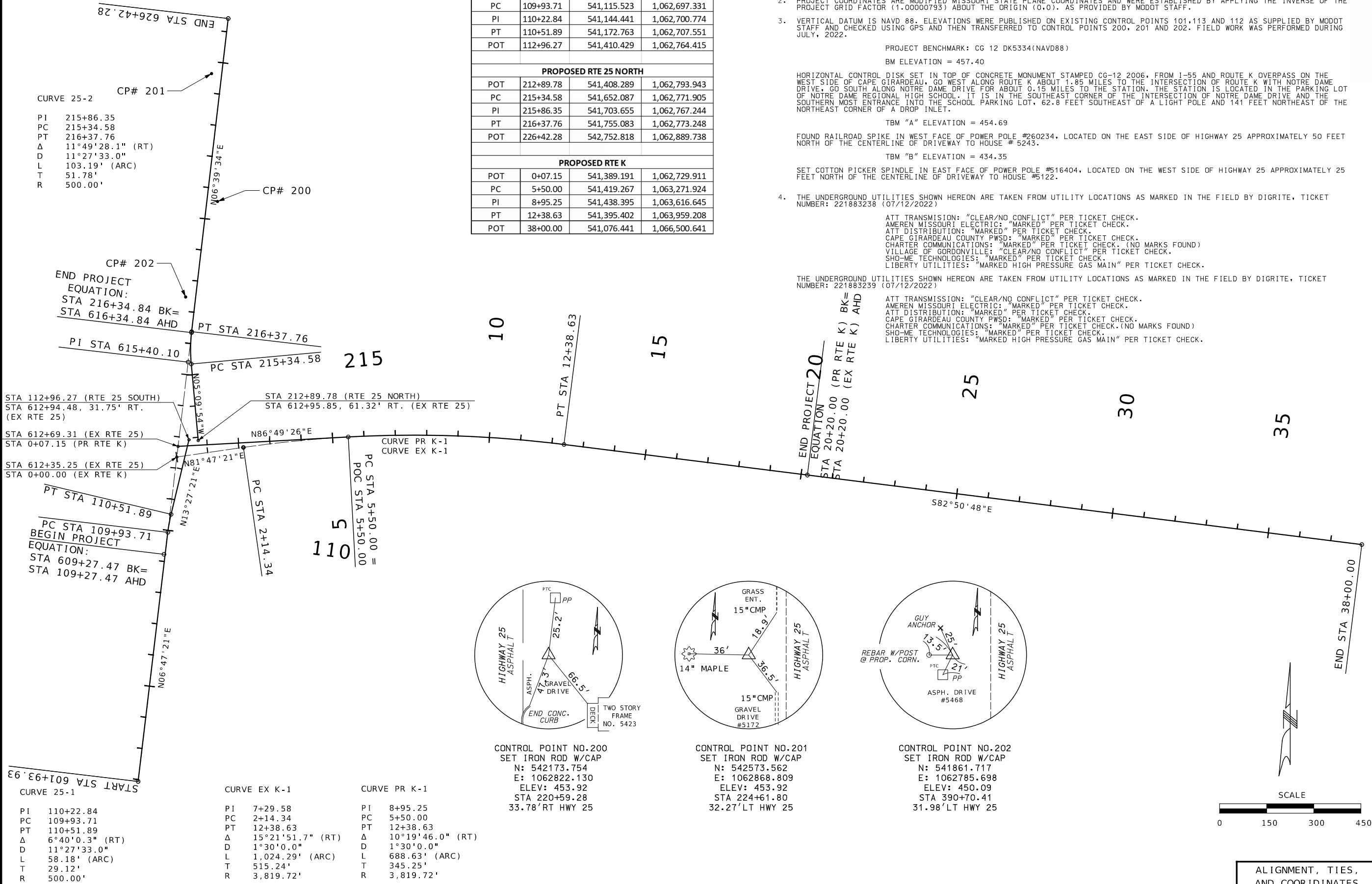
SET COTTON PICKER SPINDLE IN EAST FACE OF POWER POLE #516404, LOCATED ON THE WEST SIDE OF HIGHWAY 25 APPROXIMATELY 25 FEET NORTH OF THE CENTERLINE OF DRIVEWAY TO HOUSE #5122.

- THE UNDERGROUND UTILITIES SHOWN HEREON ARE TAKEN FROM UTILITY LOCATIONS AS MARKED IN THE FIELD BY DIGRITE, TICKET NUMBER: 221883238 (07/12/2022)

ATT TRANSMISSION: "CLEAR/NO CONFLICT" PER TICKET CHECK.
AMEREN MISSOURI ELECTRIC: "MARKED" PER TICKET CHECK.
ATT DISTRIBUTION: "MARKED" PER TICKET CHECK.
CAPE GIRARDEAU COUNTY PWS: "MARKED" PER TICKET CHECK.
CHARTER COMMUNICATIONS: "MARKED" PER TICKET CHECK. (NO MARKS FOUND)
VILLAGE OF GORDONVILLE: "CLEAR/NO CONFLICT" PER TICKET CHECK.
SHO-ME TECHNOLOGIES: "MARKED" PER TICKET CHECK.
LIBERTY UTILITIES: "MARKED HIGH PRESSURE GAS MAIN" PER TICKET CHECK.

THE UNDERGROUND UTILITIES SHOWN HEREON ARE TAKEN FROM UTILITY LOCATIONS AS MARKED IN THE FIELD BY DIGRITE, TICKET NUMBER: 221883239 (07/12/2022)

ATT TRANSMISSION: "CLEAR/NO CONFLICT" PER TICKET CHECK.
AMEREN MISSOURI ELECTRIC: "MARKED" PER TICKET CHECK.
ATT DISTRIBUTION: "MARKED" PER TICKET CHECK.
CAPE GIRARDEAU COUNTY PWS: "MARKED" PER TICKET CHECK.
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SHO-ME TECHNOLOGIES: "MARKED" PER TICKET CHECK.
LIBERTY UTILITIES: "MARKED HIGH PRESSURE GAS MAIN" PER TICKET CHECK.



STATE OF MISSOURI
RECEIVED
LORNE W. JACKSON
REGISTERED PROFESSIONAL ENGINEER
NUMBER PE-2003014985
DATE 9/27/2023

DATE PREPARED
9/27/2023

ROUTE 25
STATE MO
DISTRICT SE
SHEET NO. 14

COUNTY
CAPE GIRARDEAU

JOB NO.
J953841

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

MODOT

LOCHMUELLER GROUP

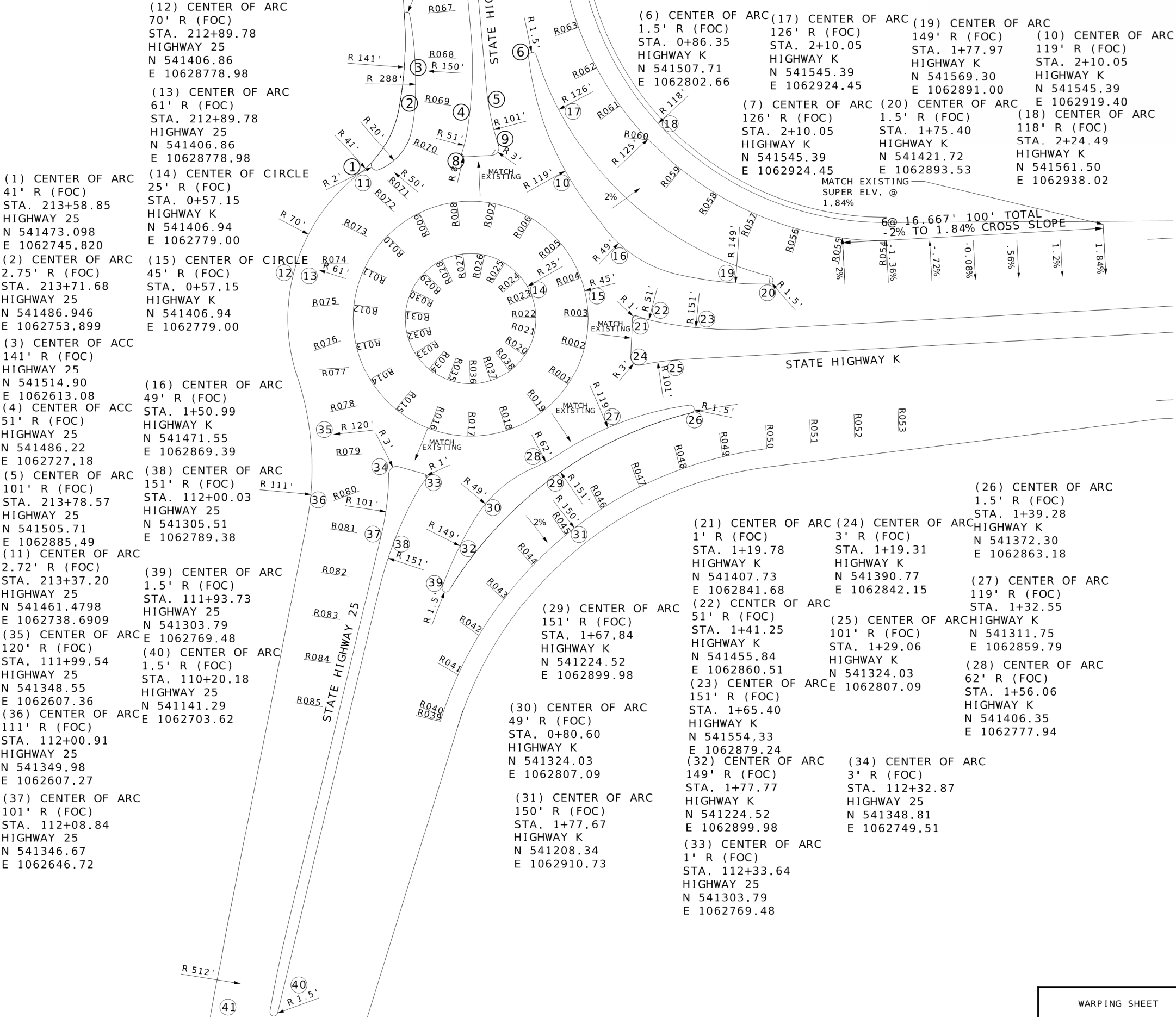
411 North 10th Street, Suite 200
St. Louis, MO 63101
Phone: 314.621.3395

ALIGNMENT, TIES, AND COORDINATES

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POINT	ELV	POINT	ELV
R001	446.7859	R020	447.8359
R002	446.5267	R021	447.5767
R003	446.5377	R022	447.5877
R004	446.0112	R023	447.0612
R005	445.9235	R024	446.9735
R006	446.0262	R025	447.0762
R007	446.307	R026	447.357
R008	446.7451	R027	447.7951
R009	447.122	R028	448.172
R010	447.3781	R029	448.4281
R011	447.6449	R030	448.6949
R012	447.8874	R031	448.9374
R013	448.1127	R032	449.1627
R014	448.1891	R033	449.2391
R015	448.2314	R034	449.2814
R016	448.3728	R035	449.4228
R017	448.0633	R036	449.1133
R018	447.5291	R037	448.5791
R019	447.1217	R038	448.1717

POINT	ELV	POINT	ELV	POINT	ELV
R039	449.4538	R058	446.1961	R077	448.1907
R040	449.4597	R059	446.2529	R078	448.5675
R041	448.9954	R060	446.2527	R079	448.0865
R042	448.7247	R061	446.2634	R080	448.4934
R043	447.9805	R062	446.3724	R081	448.7342
R044	447.4502	R063	446.4959	R082	227.9407
R045	446.97	R064	446.6252	R083	449.4533
R046	446.6128	R065	446.6957	R084	449.8131
R047	446.2145	R066	446.5661	R085	450.1638
R048	445.7438	R067	446.5359		
R049	445.3454	R068	446.5664		
R050	444.2492	R069	446.6401		
R051	443.8767	R070	446.8657		
R052	443.4751	R071	447.2071		
R053	443.0537	R072	447.3098		
R054	443.3343	R073	447.4253		
R055	444.8854	R074	447.9027		
R056	445.286	R075	448.1674		
R057	445.8406	R076	448.0436		



WARPING SHEET

STATE OF MISSOURI
RECEIVED
LORNE W. JACKSON
NUMBER
PE-2003014985
REGISTERED PROFESSIONAL ENGINEER

DATE PREPARED
9/27/2023

ROUTE
25

DISTRICT
SE

COUNTY
CAPE GIRARDEAU

JOB NO.
J9S3841

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

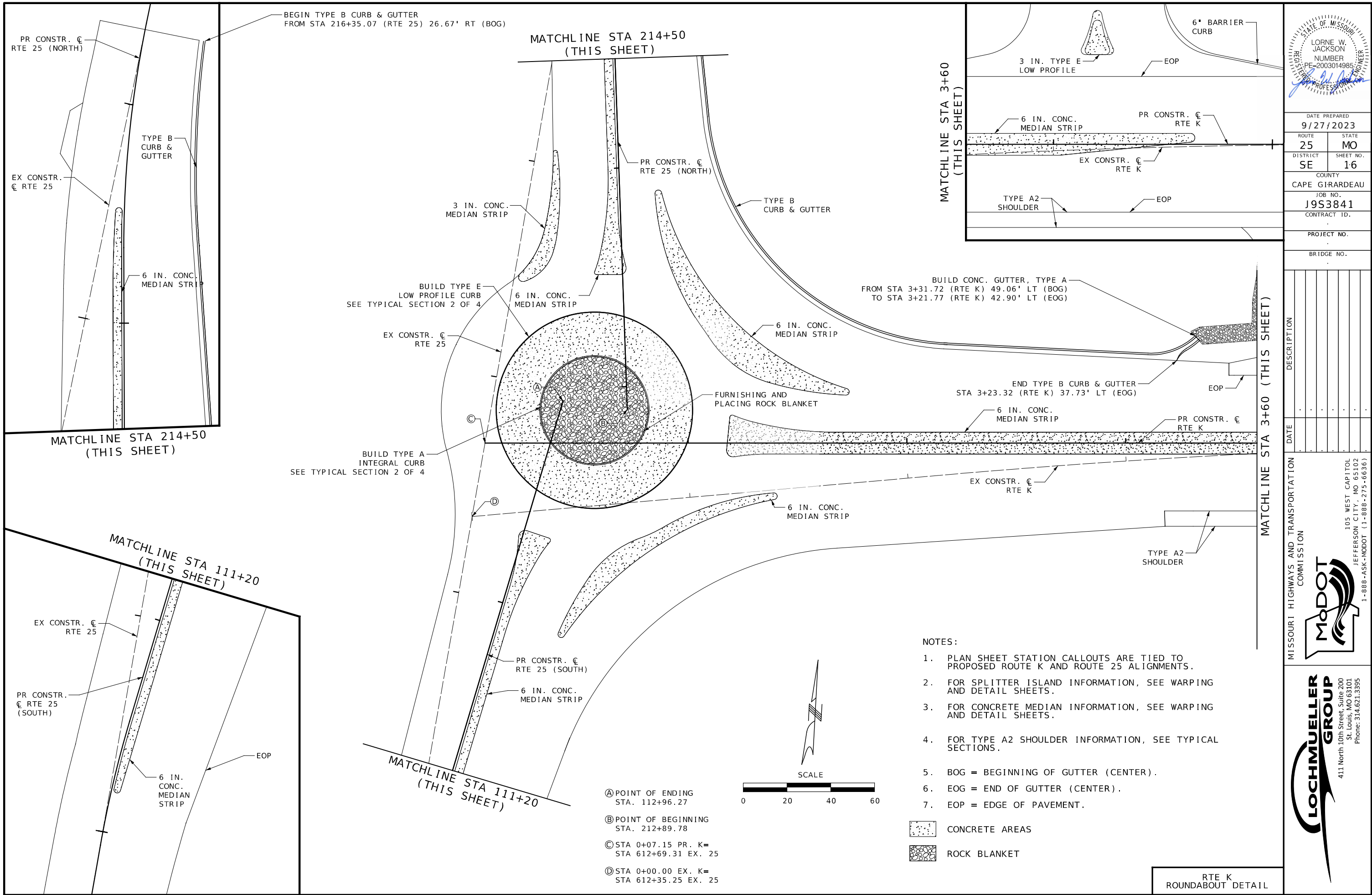
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

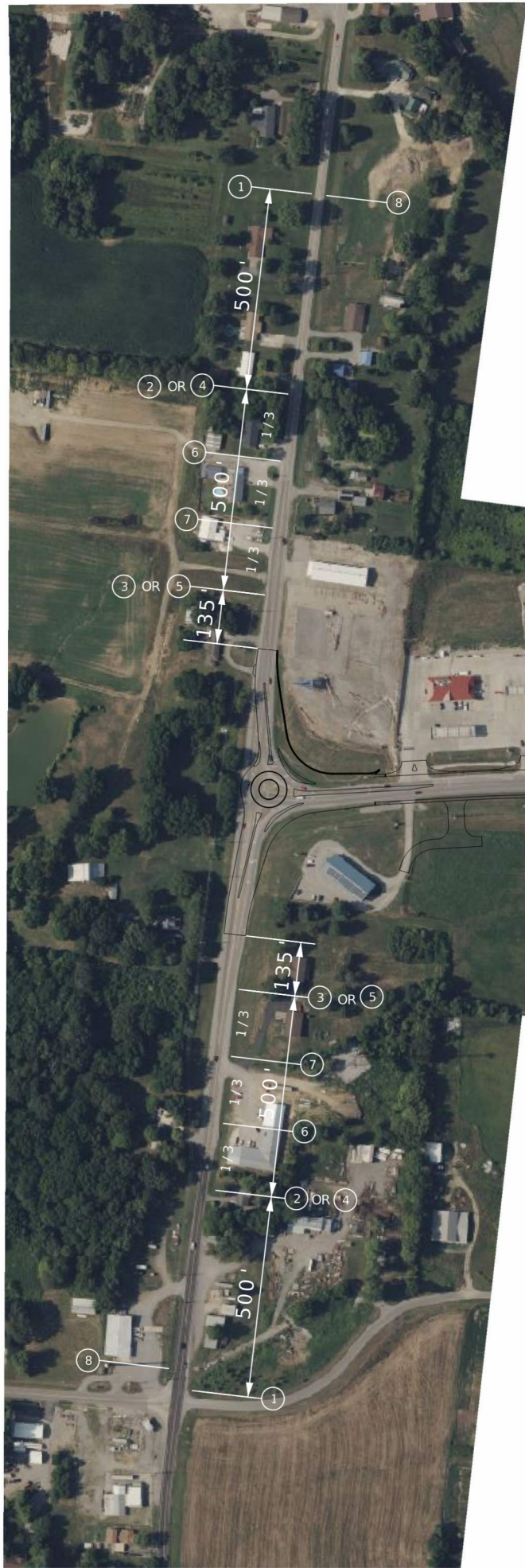
LOCHMUELLER GROUP

411 North 10th Street, Suite 200
St. Louis, MO 63101
Phone: 314.621.3395

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WO20-1

1

BRIDGE
OR
RAMP



WO20-4

2



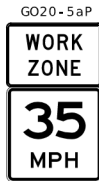
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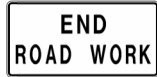
WO3-5

6



WO13-1

7



GO20-2

8



WO21-5

4



WO5-1

5

NOTES:

1. SIGNS SHALL BE SPACED AT 500', UNLESS OTHERWISE NOTED.
2. SPACING MAY BE ADJUSTED, WITH THE APPROVAL OF THE ENGINEER, TO AVOID CONFLICTS.
3. COMPLETELY COVER OR REMOVE ALL EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SIGNING.
4. SIGNS SHALL BE COVERED OR REMOVED WHEN NOT IN USE.
5. SIGNS SHOWN SHALL NOT BE MOVED FOR THE DURATION OF THE PROJECT, UNLESS OTHERWISE NOTED.

SEQUENCE OF CONSTRUCTION

- STAGE 1 - CONSTRUCT SOUTH SIDE WIDENING AND ENTRANCES UTILIZING 1 LANE-2 WAY TRAFFIC WITH FLAGGING WHEN 10 FT TO EXCAVATION CANNOT BE MAINTAINED. ROADWAY SHALL BE REOPENED TO 2 LANES OF TRAFFIC AT THE END OF THE WORK DAY.
- STAGE 2 - CONSTRUCT NORTH SIDE WIDENING AND ENTRANCES UTILIZING 1 LANE-2 WAY TRAFFIC WITH FLAGGING WHEN 10 FT TO EXCAVATION CANNOT BE MAINTAINED. ROADWAY SHALL BE REOPENED TO 2 LANES OF TRAFFIC AT THE END OF THE WORK DAY.
- STAGE 3 - SET UP TEMPORARY TRAFFIC SIGNALS AND CONSTRUCT WEST HALF OF CENTER ISLAND AND WEST SIDE WIDENING.
- STAGE 4 - ADJUST TEMPORARY TRAFFIC SIGNALS AND CONSTRUCT EAST HALF OF CENTER ISLAND.
- STAGE 5 - REMOVE TEMPORARY SIGNALS, REMOVE EXCESS PAVEMENT ON WEST SIDE AND COMPLETE MILL AND OVERLAY.
- STAGE 6 - CONSTRUCT ROUNDABOUT SPLITTER ISLANDS.
- STAGE 7 - CONSTRUCT BYPASS LANE AND OUTSIDE ISLANDS AND COMPLETE SIGNING, STRIPING, AND SITE RESTORATION.



DATE PREPARED

9/27/2023

ROUTE

25

STATE

MO

DISTRICT

SE

SHEET NO.

17

COUNTY

CAPE GIRARDEAU

JOB NO.

J9S3841

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



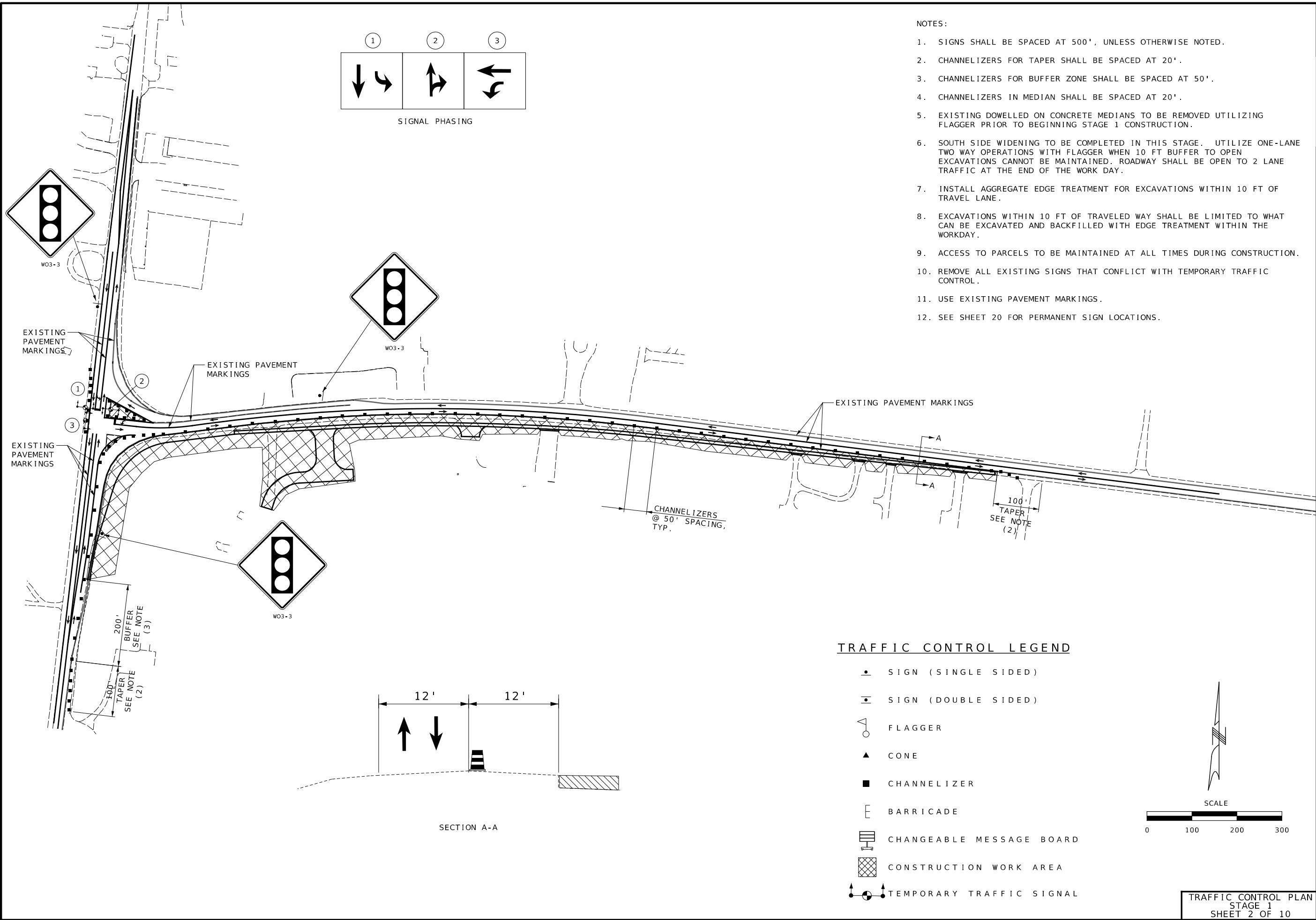
LOCHMUELLER GROUP
411 North 10th Street, Suite 200
St. Louis, MO 63101
Phone: 314.621.3395

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

TRAFFIC CONTROL PLAN
ADVANCED SIGN LAYOUT
SHEET 1 OF 10

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



- NOTES:
1. SIGNS SHALL BE SPACED AT 500', UNLESS OTHERWISE NOTED.
 2. CHANNELIZERS FOR TAPER SHALL BE SPACED AT 20'.
 3. CHANNELIZERS FOR BUFFER ZONE SHALL BE SPACED AT 50'.
 4. CHANNELIZERS IN MEDIAN SHALL BE SPACED AT 20'.
 5. EXISTING DOWELLED ON CONCRETE MEDIANS TO BE REMOVED UTILIZING FLAGGER PRIOR TO BEGINNING STAGE 1 CONSTRUCTION.
 6. SOUTH SIDE WIDENING TO BE COMPLETED IN THIS STAGE. UTILIZE ONE-LANE TWO WAY OPERATIONS WITH FLAGGER WHEN 10 FT BUFFER TO OPEN EXCAVATIONS CANNOT BE MAINTAINED. ROADWAY SHALL BE OPEN TO 2 LANE TRAFFIC AT THE END OF THE WORK DAY.
 7. INSTALL AGGREGATE EDGE TREATMENT FOR EXCAVATIONS WITHIN 10 FT OF TRAVEL LANE.
 8. EXCAVATIONS WITHIN 10 FT OF TRAVELED WAY SHALL BE LIMITED TO WHAT CAN BE EXCAVATED AND BACKFILLED WITH EDGE TREATMENT WITHIN THE WORKDAY.
 9. ACCESS TO PARCELS TO BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
 10. REMOVE ALL EXISTING SIGNS THAT CONFLICT WITH TEMPORARY TRAFFIC CONTROL.
 11. USE EXISTING PAVEMENT MARKINGS.
 12. SEE SHEET 20 FOR PERMANENT SIGN LOCATIONS.

STATE OF MISSOURI
LORNE W. JACKSON
REGISTERED PROFESSIONAL ENGINEER
PE-2003014985

DATE PREPARED
9/27/2023

ROUTE
25

STATE
MO

DISTRICT
SE

SHEET NO.
18

COUNTY
CAPE GIRARDEAU

JOB NO.
J9S3841

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

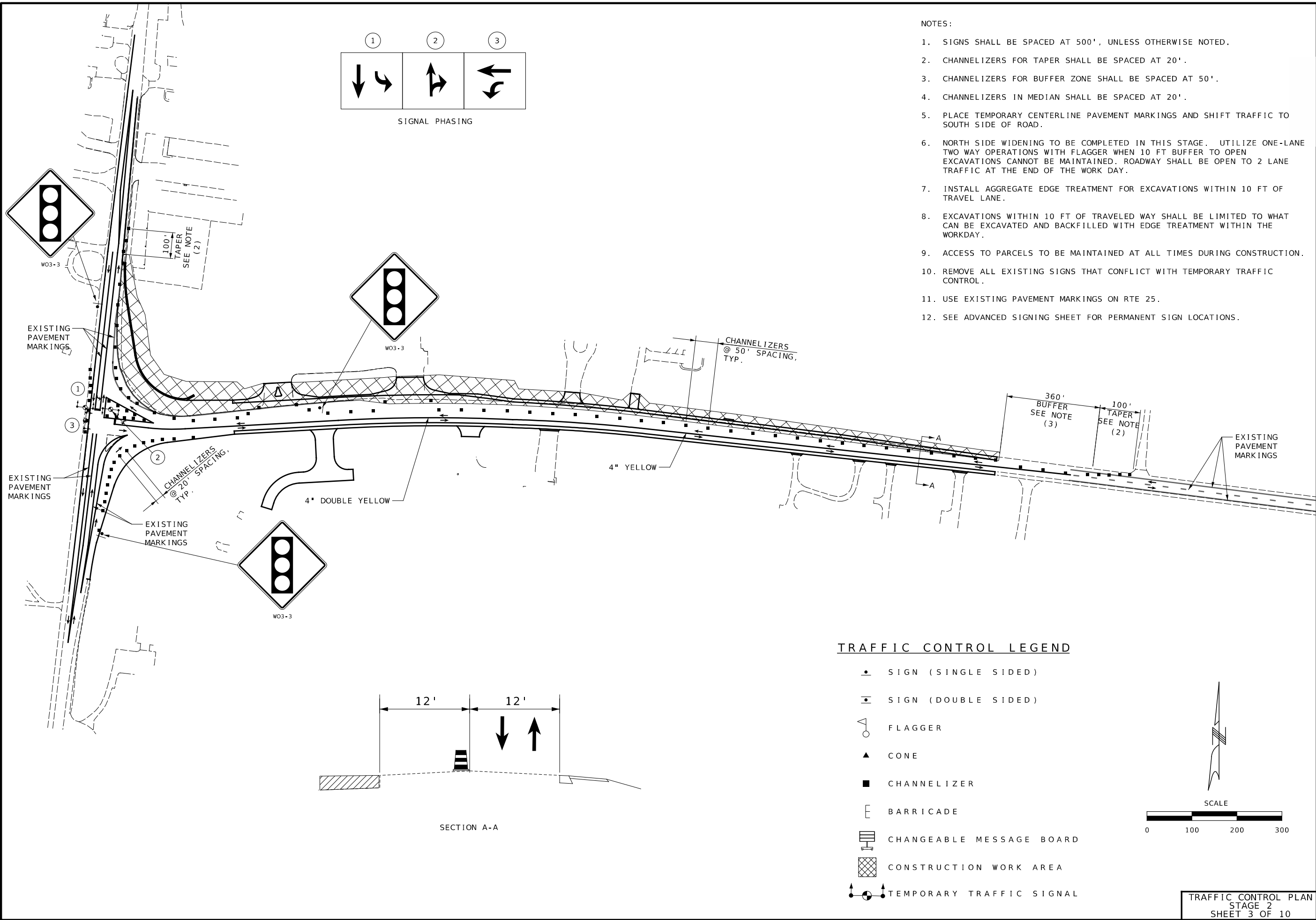
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

LOCHMUELLER GROUP
411 North 10th Street, Suite 200
St. Louis, MO 63101
Phone: 314.621.3395

TRAFFIC CONTROL PLAN
STAGE 1
SHEET 2 OF 10

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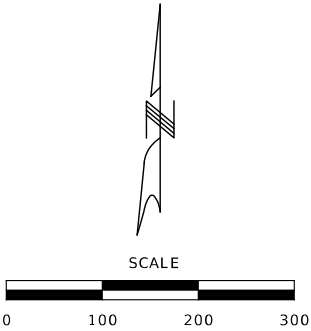
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



- NOTES:
1. SIGNS SHALL BE SPACED AT 500', UNLESS OTHERWISE NOTED.
 2. CHANNELIZERS FOR TAPER SHALL BE SPACED AT 20'.
 3. CHANNELIZERS FOR BUFFER ZONE SHALL BE SPACED AT 50'.
 4. CHANNELIZERS IN MEDIAN SHALL BE SPACED AT 20'.
 5. PLACE TEMPORARY CENTERLINE PAVEMENT MARKINGS AND SHIFT TRAFFIC TO SOUTH SIDE OF ROAD.
 6. NORTH SIDE WIDENING TO BE COMPLETED IN THIS STAGE. UTILIZE ONE-LANE TWO WAY OPERATIONS WITH FLAGGER WHEN 10 FT BUFFER TO OPEN EXCAVATIONS CANNOT BE MAINTAINED. ROADWAY SHALL BE OPEN TO 2 LANE TRAFFIC AT THE END OF THE WORK DAY.
 7. INSTALL AGGREGATE EDGE TREATMENT FOR EXCAVATIONS WITHIN 10 FT OF TRAVEL LANE.
 8. EXCAVATIONS WITHIN 10 FT OF TRAVELED WAY SHALL BE LIMITED TO WHAT CAN BE EXCAVATED AND BACKFILLED WITH EDGE TREATMENT WITHIN THE WORKDAY.
 9. ACCESS TO PARCELS TO BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
 10. REMOVE ALL EXISTING SIGNS THAT CONFLICT WITH TEMPORARY TRAFFIC CONTROL.
 11. USE EXISTING PAVEMENT MARKINGS ON RTE 25.
 12. SEE ADVANCED SIGNING SHEET FOR PERMANENT SIGN LOCATIONS.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- ▬ SIGN (DOUBLE SIDED)
- ◯ FLAGGER
- ▲ CONE
- CHANNELIZER
- E BARRICADE
- ▬ CHANGEABLE MESSAGE BOARD
- ▨ CONSTRUCTION WORK AREA
- ⬤ TEMPORARY TRAFFIC SIGNAL



TRAFFIC CONTROL PLAN
STAGE 2
SHEET 3 OF 10

STATE OF MISSOURI
LORNE W. JACKSON
REGISTERED PROFESSIONAL ENGINEER
PE-2003014985

DATE PREPARED
9/27/2023

ROUTE
25

DISTRICT
SE

COUNTY
CAPE GIRARDEAU

JOB NO.
J953841

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

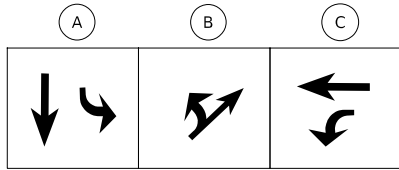
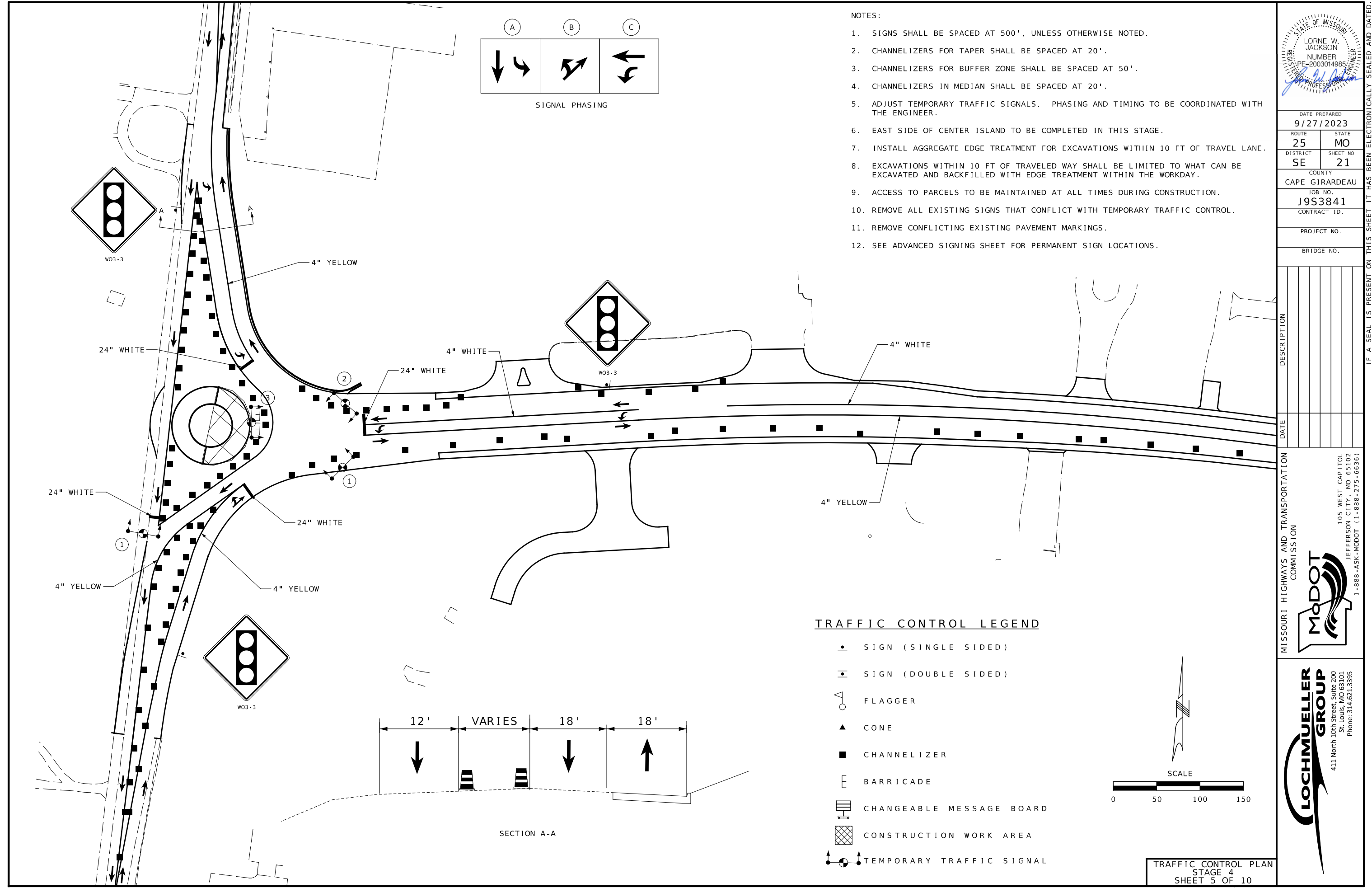
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

LOCHMUELLER GROUP

411 North 10th Street, Suite 200
St. Louis, MO 63101
Phone: 314.621.3395

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

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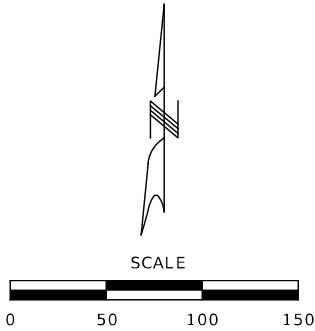
SIGNAL PHASING

NOTES:

- 1. SIGNS SHALL BE SPACED AT 500', UNLESS OTHERWISE NOTED.
- 2. CHANNELIZERS FOR TAPER SHALL BE SPACED AT 20'.
- 3. CHANNELIZERS FOR BUFFER ZONE SHALL BE SPACED AT 50'.
- 4. CHANNELIZERS IN MEDIAN SHALL BE SPACED AT 20'.
- 5. ADJUST TEMPORARY TRAFFIC SIGNALS. PHASING AND TIMING TO BE COORDINATED WITH THE ENGINEER.
- 6. EAST SIDE OF CENTER ISLAND TO BE COMPLETED IN THIS STAGE.
- 7. INSTALL AGGREGATE EDGE TREATMENT FOR EXCAVATIONS WITHIN 10 FT OF TRAVEL LANE.
- 8. EXCAVATIONS WITHIN 10 FT OF TRAVELED WAY SHALL BE LIMITED TO WHAT CAN BE EXCAVATED AND BACKFILLED WITH EDGE TREATMENT WITHIN THE WORKDAY.
- 9. ACCESS TO PARCELS TO BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
- 10. REMOVE ALL EXISTING SIGNS THAT CONFLICT WITH TEMPORARY TRAFFIC CONTROL.
- 11. REMOVE CONFLICTING EXISTING PAVEMENT MARKINGS.
- 12. SEE ADVANCED SIGNING SHEET FOR PERMANENT SIGN LOCATIONS.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- ◻ SIGN (DOUBLE SIDED)
- ◯ FLAGGER
- ▲ CONE
- CHANNELIZER
- E BARRICADE
- ▮ CHANGEABLE MESSAGE BOARD
- ▨ CONSTRUCTION WORK AREA
- ⬆⬇⬆ TEMPORARY TRAFFIC SIGNAL



TRAFFIC CONTROL PLAN
STAGE 4
SHEET 5 OF 10

STATE OF MISSOURI
LORNE W. JACKSON
REGISTERED PROFESSIONAL ENGINEER
PE-2003014985

DATE PREPARED
9/27/2023

ROUTE
25

DISTRICT
SE

COUNTY
CAPE GIRARDEAU

JOB NO.
J9S3841

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

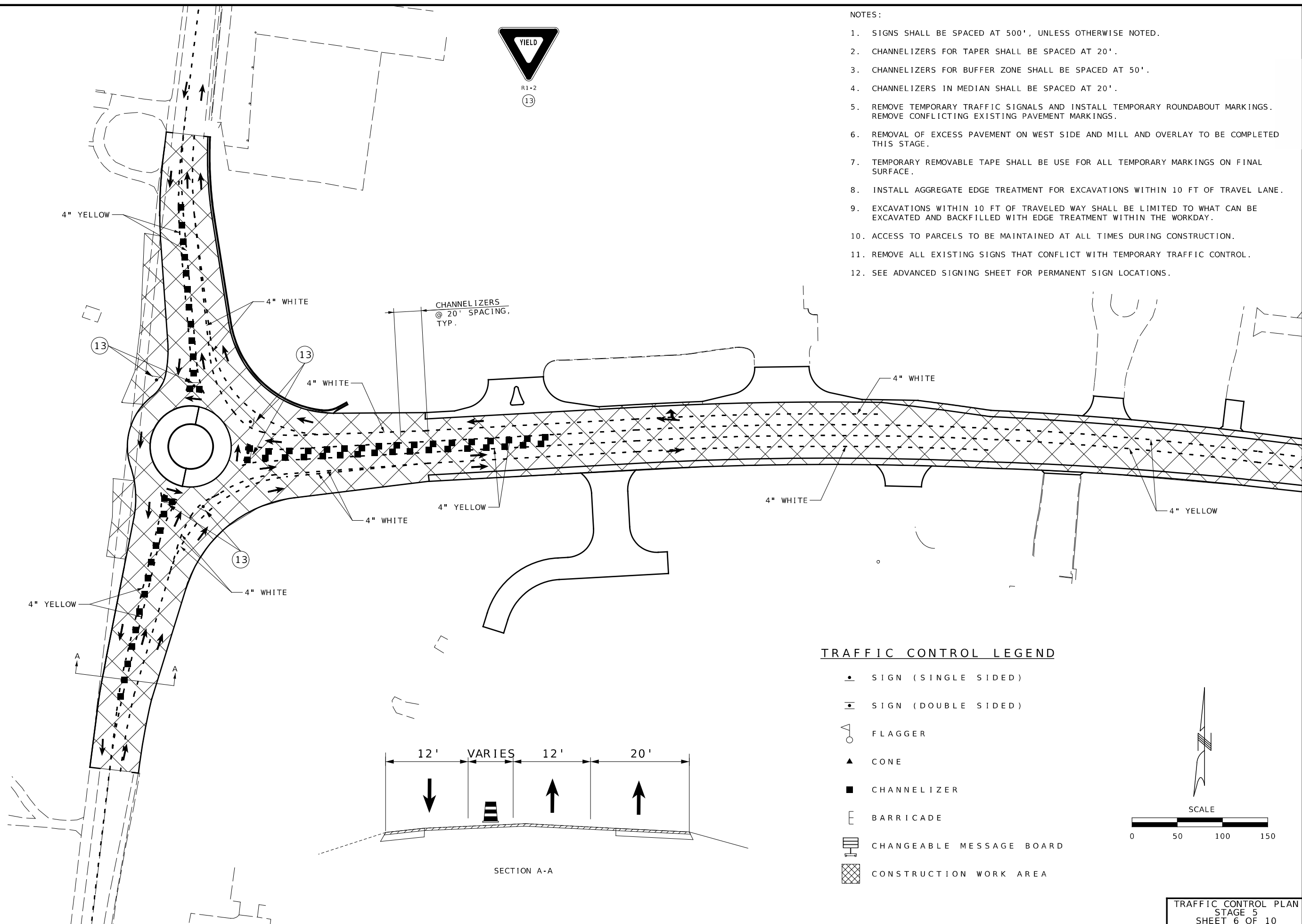
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

LOCHMUELLER GROUP

411 North 10th Street, Suite 200
St. Louis, MO 63101
Phone: 314.621.3395

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

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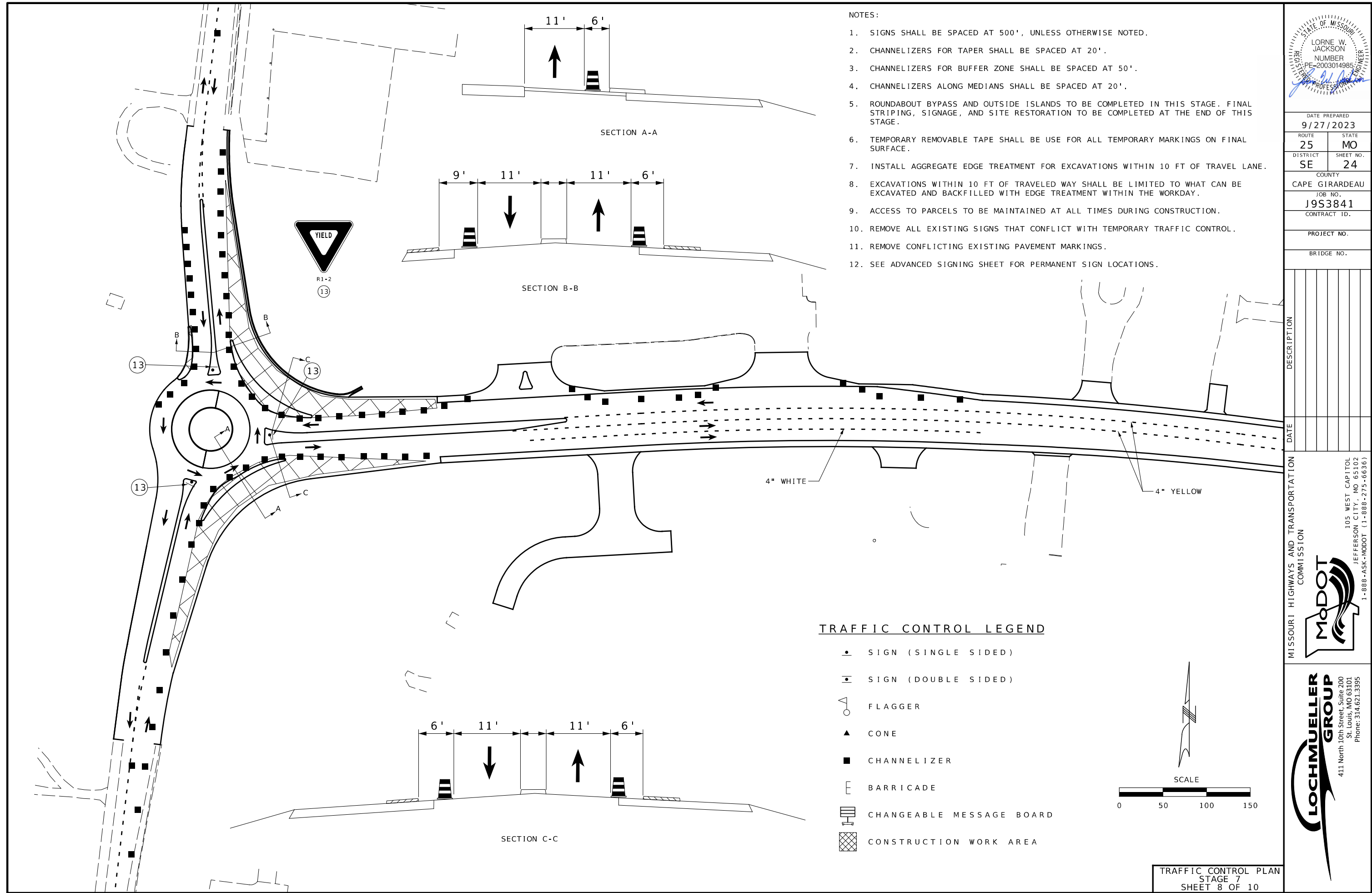




- NOTES:
1. SIGNS SHALL BE SPACED AT 500', UNLESS OTHERWISE NOTED.
 2. CHANNELIZERS FOR TAPER SHALL BE SPACED AT 20'.
 3. CHANNELIZERS FOR BUFFER ZONE SHALL BE SPACED AT 50'.
 4. CHANNELIZERS ALONG MEDIANS SHALL BE SPACED AT 20'.
 5. ROUNDABOUT SPLITTER ISLANDS TO BE COMPLETED IN THIS STAGE.
 6. TEMPORARY REMOVABLE TAPE SHALL BE USE FOR ALL TEMPORARY MARKINGS ON FINAL SURFACE.
 7. INSTALL AGGREGATE EDGE TREATMENT FOR EXCAVATIONS WITHIN 10 FT OF TRAVEL LANE.
 8. EXCAVATIONS WITHIN 10 FT OF TRAVELED WAY SHALL BE LIMITED TO WHAT CAN BE EXCAVATED AND BACKFILLED WITH EDGE TREATMENT WITHIN THE WORKDAY.
 9. ACCESS TO PARCELS TO BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
 10. REMOVE ALL EXISTING SIGNS THAT CONFLICT WITH TEMPORARY TRAFFIC CONTROL.
 11. REMOVE CONFLICTING EXISTING PAVEMENT MARKINGS.
 12. SEE ADVANCED SIGNING SHEET FOR PERMANENT SIGN LOCATIONS.

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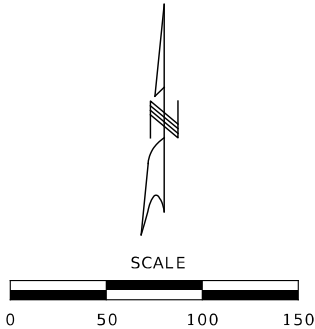
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



- NOTES:
1. SIGNS SHALL BE SPACED AT 500', UNLESS OTHERWISE NOTED.
 2. CHANNELIZERS FOR TAPER SHALL BE SPACED AT 20'.
 3. CHANNELIZERS FOR BUFFER ZONE SHALL BE SPACED AT 50'.
 4. CHANNELIZERS ALONG MEDIANS SHALL BE SPACED AT 20'.
 5. ROUNDABOUT BYPASS AND OUTSIDE ISLANDS TO BE COMPLETED IN THIS STAGE. FINAL STRIPING, SIGNAGE, AND SITE RESTORATION TO BE COMPLETED AT THE END OF THIS STAGE.
 6. TEMPORARY REMOVABLE TAPE SHALL BE USE FOR ALL TEMPORARY MARKINGS ON FINAL SURFACE.
 7. INSTALL AGGREGATE EDGE TREATMENT FOR EXCAVATIONS WITHIN 10 FT OF TRAVEL LANE.
 8. EXCAVATIONS WITHIN 10 FT OF TRAVELED WAY SHALL BE LIMITED TO WHAT CAN BE EXCAVATED AND BACKFILLED WITH EDGE TREATMENT WITHIN THE WORKDAY.
 9. ACCESS TO PARCELS TO BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
 10. REMOVE ALL EXISTING SIGNS THAT CONFLICT WITH TEMPORARY TRAFFIC CONTROL.
 11. REMOVE CONFLICTING EXISTING PAVEMENT MARKINGS.
 12. SEE ADVANCED SIGNING SHEET FOR PERMANENT SIGN LOCATIONS.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- ▬ SIGN (DOUBLE SIDED)
- FLAGGER
- ▲ CONE
- CHANNELIZER
- E BARRICADE
- CHANGEABLE MESSAGE BOARD
- CONSTRUCTION WORK AREA



TRAFFIC CONTROL PLAN
STAGE 7
SHEET 8 OF 10

STATE OF MISSOURI
LORNE W. JACKSON
REGISTERED PROFESSIONAL ENGINEER
NUMBER PE-2003014985

DATE PREPARED
9/27/2023

ROUTE 25
DISTRICT SE
STATE MO
SHEET NO. 24

COUNTY
CAPE GIRARDEAU
JOB NO.
J9S3841
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

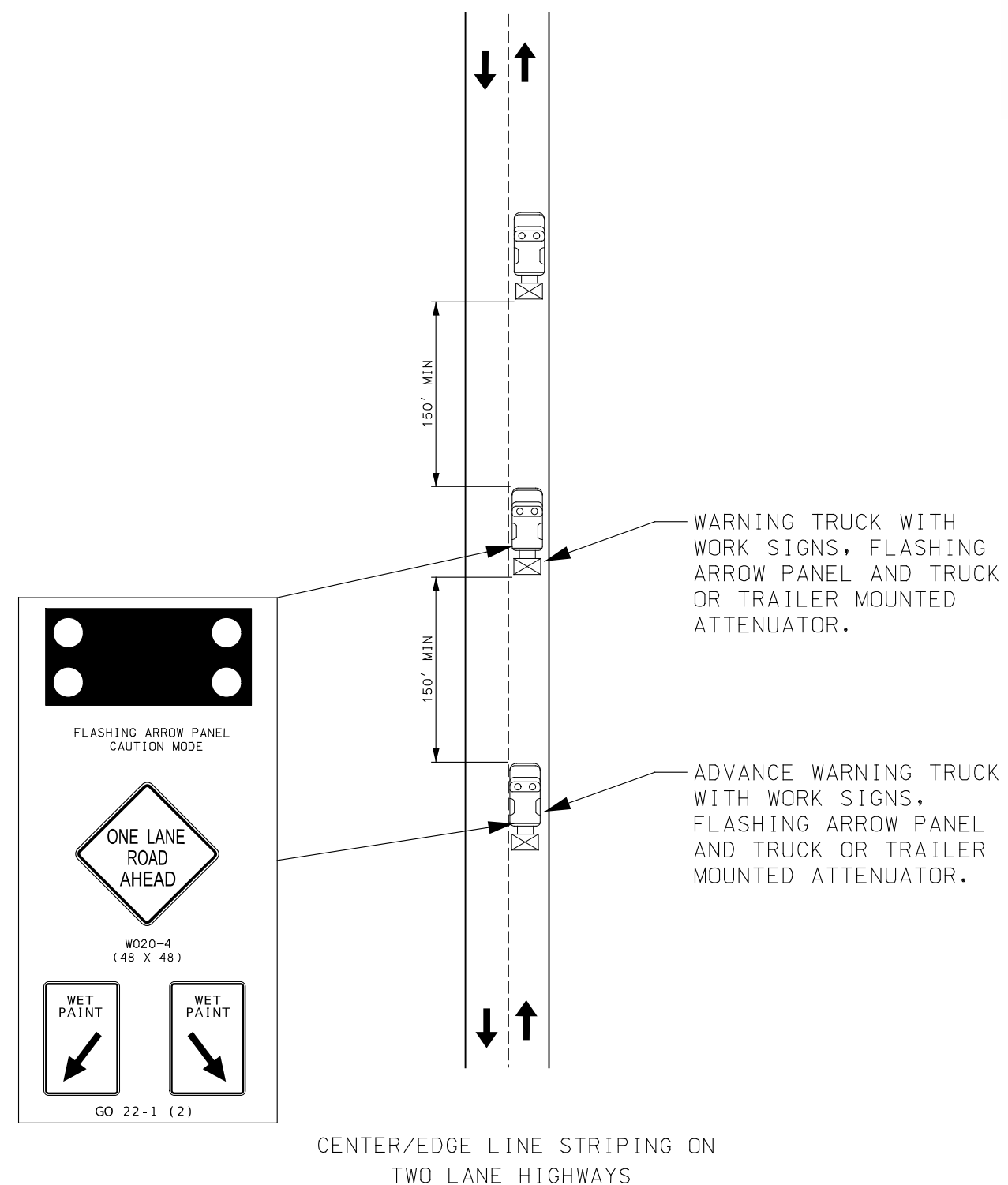
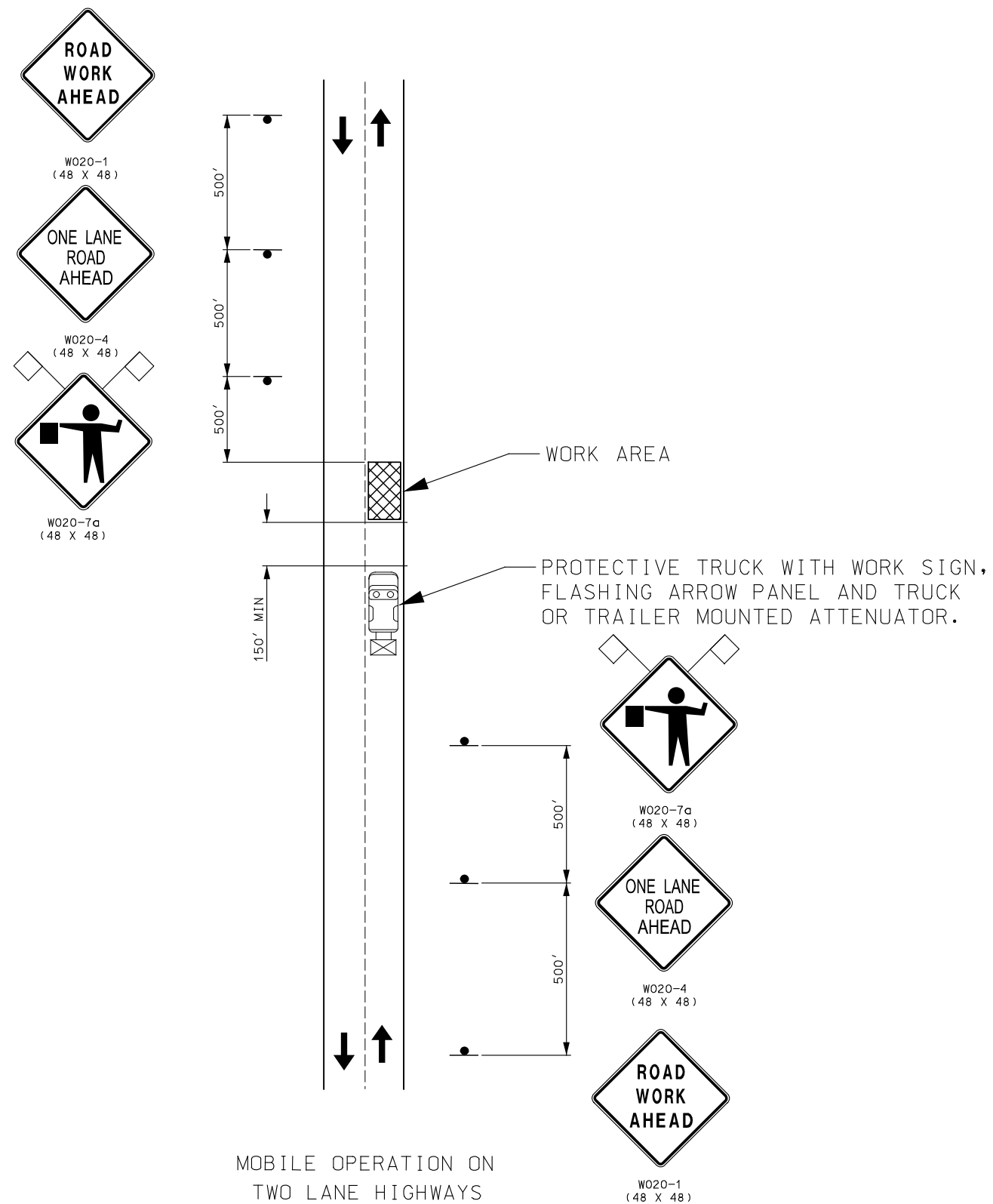
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

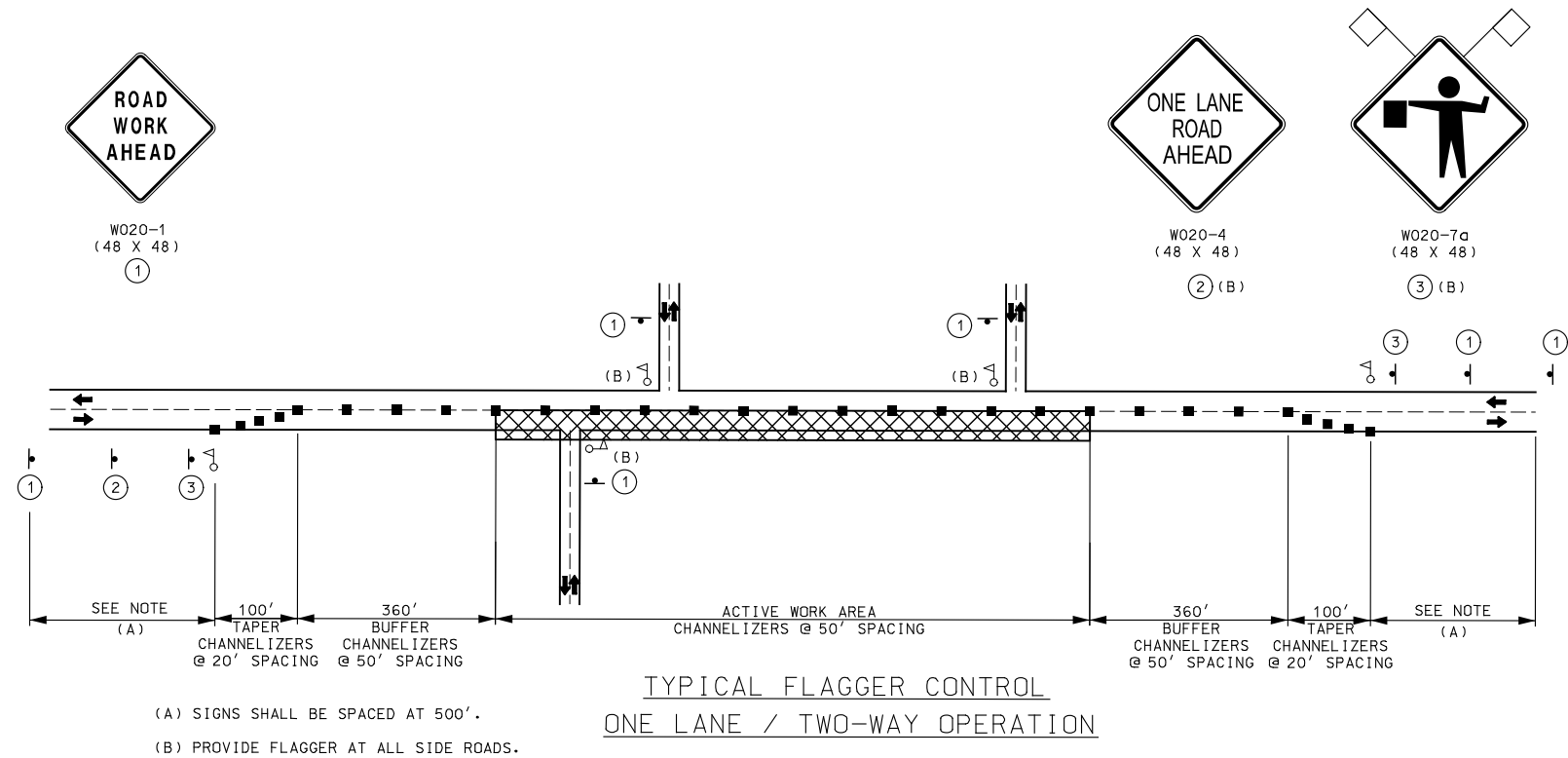
LOCHMUELLER GROUP

411 North 10th Street, Suite 200
St. Louis, MO 63101
Phone: 314.621.3395

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

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STATE OF MISSOURI

REGISTERED PROFESSIONAL ENGINEER

LORNE W. JACKSON

NUMBER PE-2003014985

DATE PREPARED
9/27/2023

ROUTE
25

DISTRICT
SE

STATE
MO

SHEET NO.
26

COUNTY
CAPE GIRARDEAU

JOB NO.
J953841

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

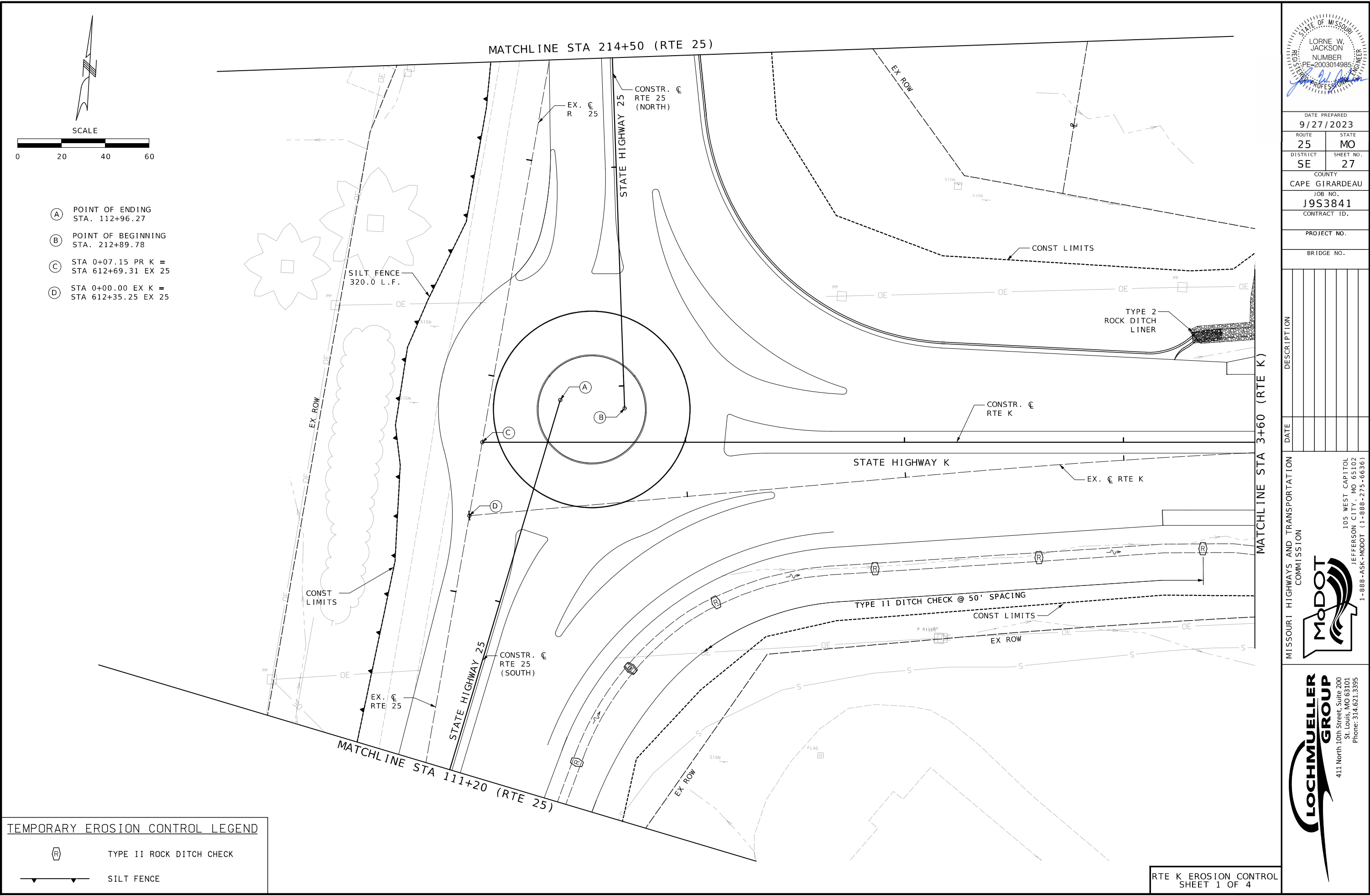
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

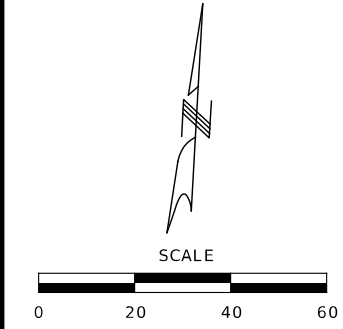
411 North 10th Street, Suite 200
St. Louis, MO 63101
Phone: 314.621.3395

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



TEMPORARY EROSION CONTROL LEGEND	
	TYPE II ROCK DITCH CHECK
	SILT FENCE

- (A) POINT OF ENDING
STA. 112+96.27
- (B) POINT OF BEGINNING
STA. 212+89.78
- (C) STA 0+07.15 PR K =
STA 612+69.31 EX 25
- (D) STA 0+00.00 EX K =
STA 612+35.25 EX 25



STATE OF MISSOURI
LORNE W. JACKSON
REGISTERED PROFESSIONAL ENGINEER
NUMBER PE-2003014985

DATE PREPARED
9/27/2023

ROUTE 25
DISTRICT SE

STATE MO
SHEET NO. 27

COUNTY
CAPE GIRARDEAU

JOB NO.
J9S3841

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

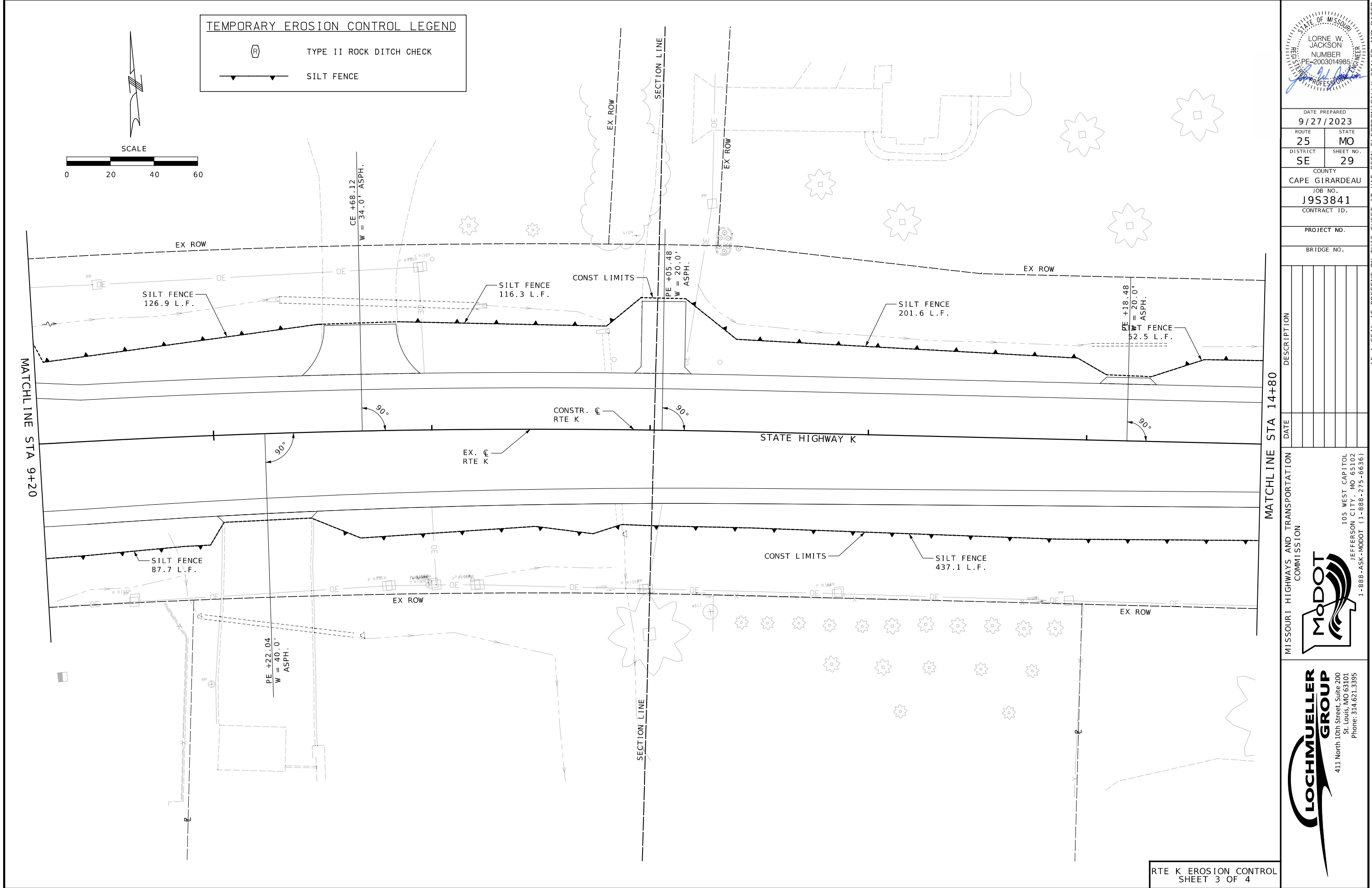
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

411 North 10th Street, Suite 200
St. Louis, MO 63101
Phone: 314.621.3395

RTE K EROSION CONTROL
SHEET 1 OF 4

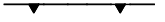
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



TEMPORARY EROSION CONTROL LEGEND

 TYPE II ROCK DITCH CHECK

 SILT FENCE

STATE OF MISSOURI
LORNE W. JACKSON
REGISTERED PROFESSIONAL ENGINEER
NUMBER PE-2003014985
EXPIRATION DATE 12/31/2024

DATE PREPARED
9/27/2023

ROUTE 25	STATE MO
DISTRICT SE	SHEET NO. 29
COUNTY CAPE GIRARDEAU	
JOB NO. J9S3841	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



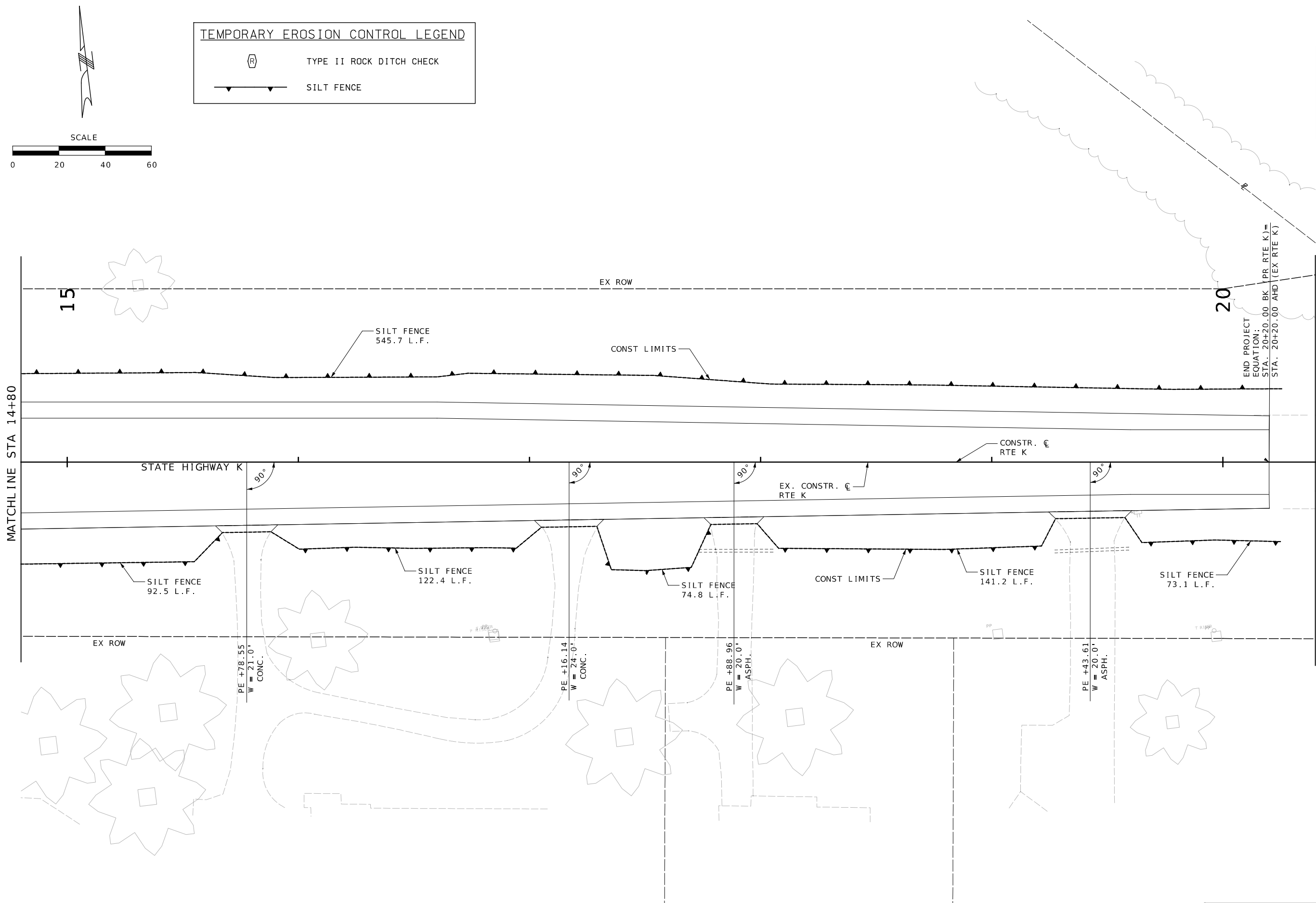
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)



411 North 10th Street, Suite 200
St. Louis, MO 63101
Phone: 314.621.3395

RTE K EROSION CONTROL
SHEET 3 OF 4

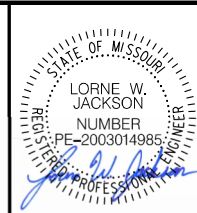
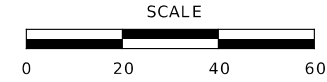
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



TEMPORARY EROSION CONTROL LEGEND

(R) TYPE II ROCK DITCH CHECK

—▲— SILT FENCE



DATE PREPARED
9/27/2023

ROUTE 25	STATE MO
DISTRICT SE	SHEET NO. 30
COUNTY CAPE GIRARDEAU	
JOB NO. J9S3841	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

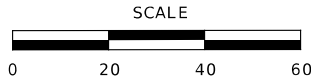
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

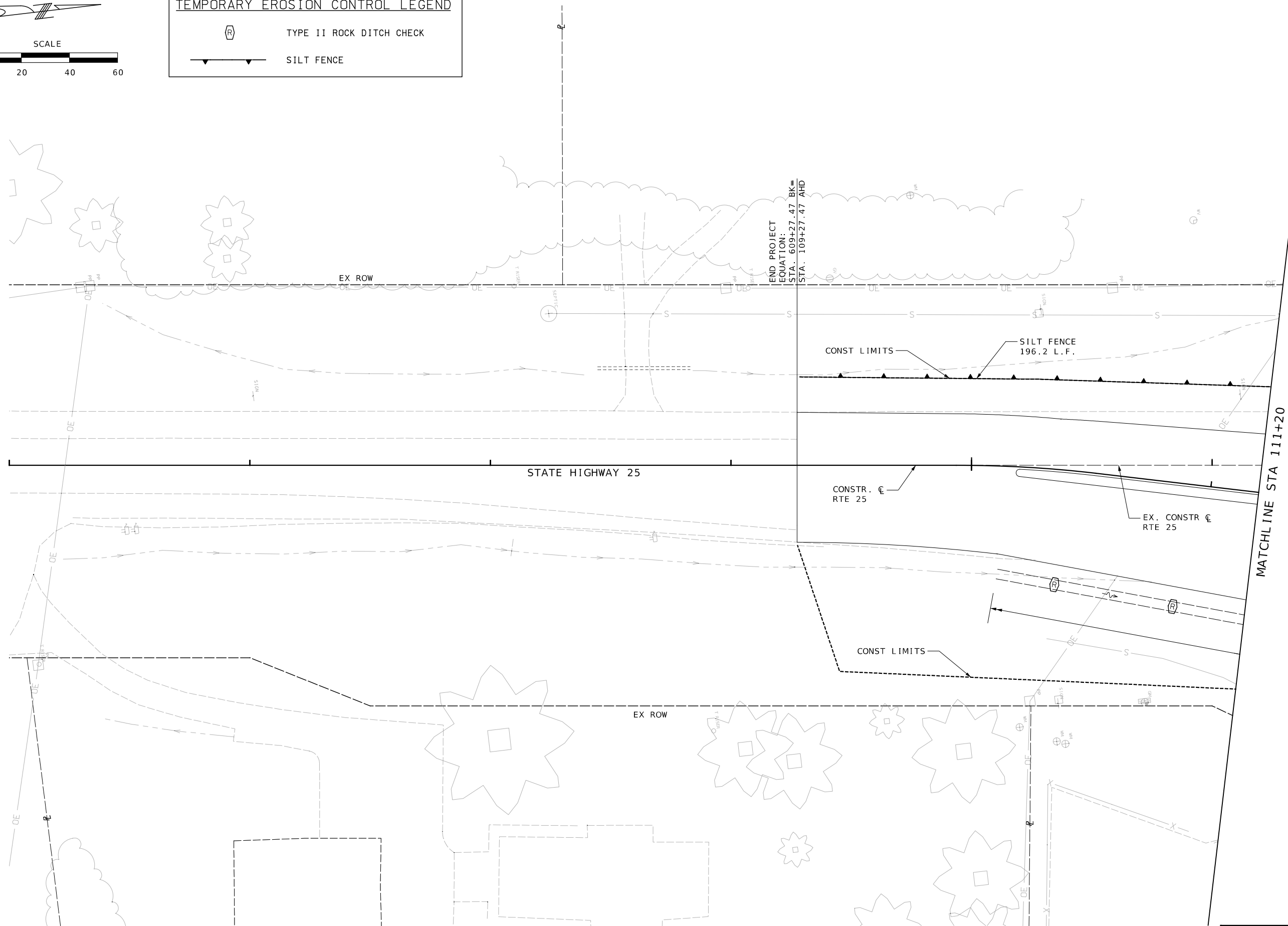
411 North 10th Street, Suite 200
St. Louis, MO 63101
Phone: 314.621.3395

RTE K EROSION CONTROL
SHEET 4 OF 4

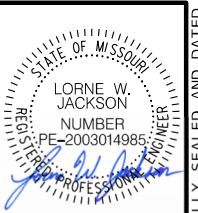
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



 TYPE II ROCK DITCH CHECK
 SILT FENCE



RTE 25 EROSION
CONTROL SHEET 1 OF 2



DATE PREPARED

9/27/2023

ROUTE	STATE
25	MS

25	MO
----	----

SHEET NO. 31

51
COUNTY

PE GIRARDEAU

JOB NO.

J9S3841

CONTRACT ID.

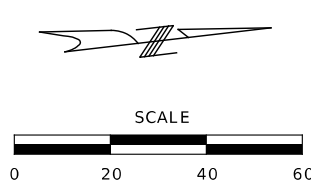
PROJECT NO.

PROJECT NO.

BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

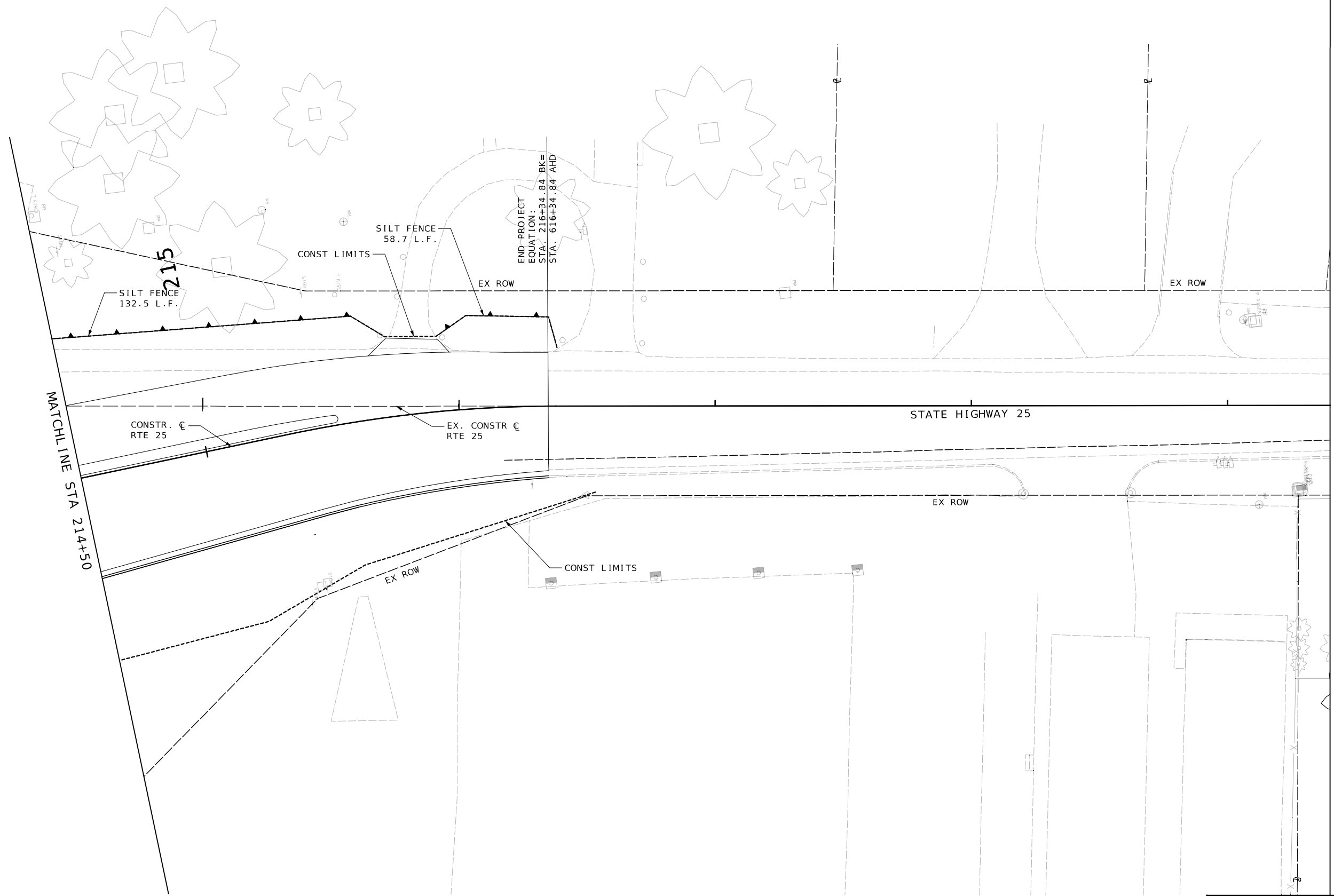
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



TEMPORARY EROSION CONTROL LEGEND

TYPE II ROCK DITCH CHECK

SILT FENCE



MATCHLINE STA 219+40

RTE 25 EROSION
CONTROL SHEET 2 OF 2

STATE OF MISSOURI

REGISTERED PROFESSIONAL ENGINEER

LORNE W. JACKSON

NUMBER

PE-2003014985

DATE PREPARED
9/27/2023

ROUTE
25

DISTRICT
SE

STATE
MO

SHEET NO.
32

COUNTY
CAPE GIRARDEAU

JOB NO.
J9S3841

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)

411 North 10th Street, Suite 200
St. Louis, MO 63101
Phone: 314.621.3395

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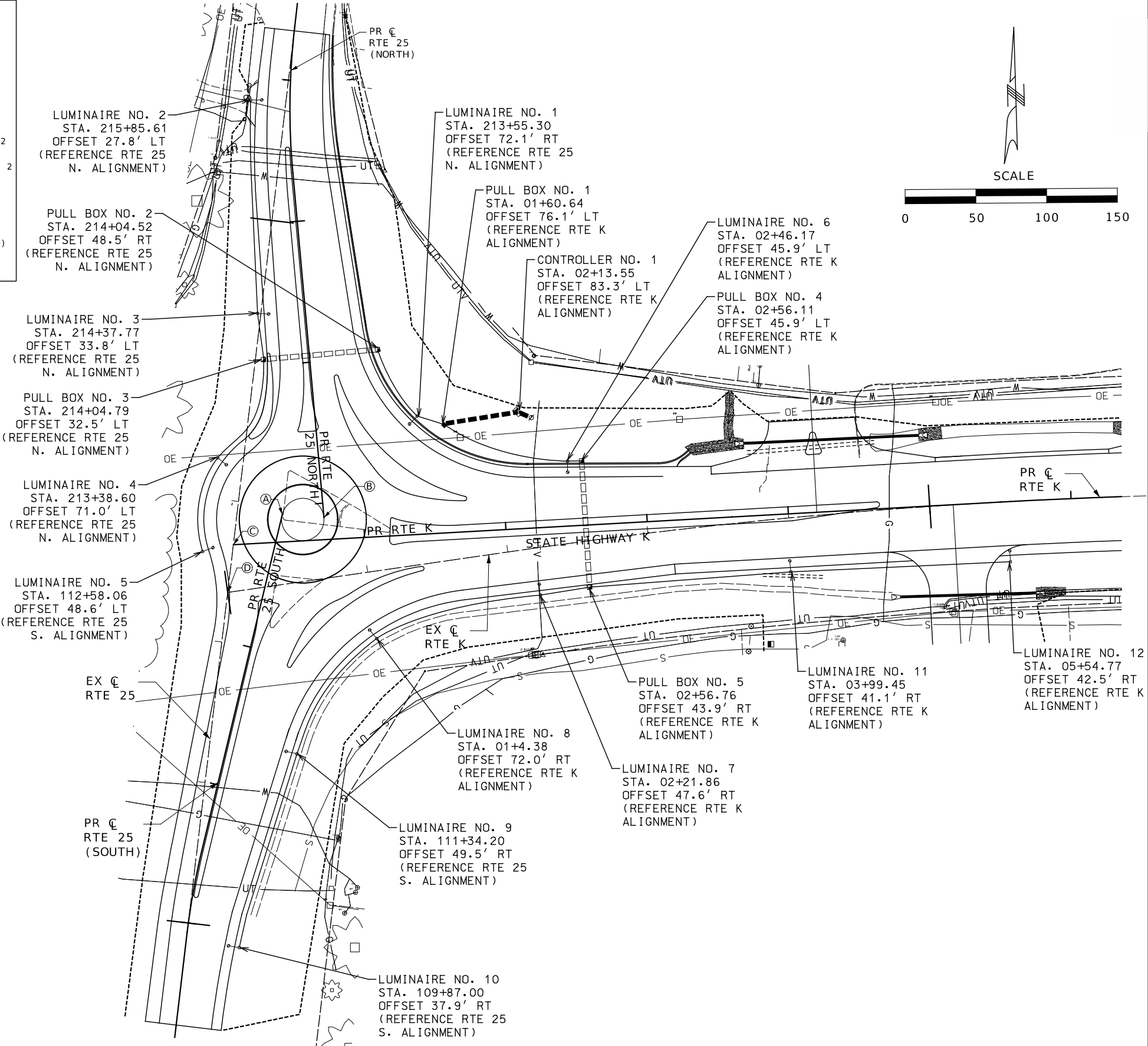
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

LIGHTING LEGEND			
	CONTROLLER, LIGHTING		LED-A LUMINAIRE
	CONTROLLER, LIGHTING (EXISTING)		LED-B LUMINAIRE
	WOOD POST		LED-C LUMINAIRE
	POWER SUPPLY		POWER SOURCE
	JUNCTION BOX		PULL BOX (EXISTING)
	PULL BOX CONCRETE TYPE 1		PULL BOX CONCRETE TYPE 2
	PULL BOX PREFORMED TYPE 1		PULL BOX PREFORMED TYPE 2
	CONDUIT, RIGID (TRENCH)		CONDUIT, RIGID (PUSHED)
	CONDUIT, RIGID (MEDIAN)		CONDUIT, RIGID (BRIDGE)
	CONDUIT, RIGID (EXISTING)		CABLE-CONDUIT (EXISTING)
			CABLE-CONDUIT

Lighting Summary Table

Average: 0.7 fc
Minimum: 0.3 fc
Uniformity Ratio: 2.3:1

- Ⓐ POINT OF ENDING
STA. 112+96.27
- Ⓑ POINT OF BEGINNING
STA. 212+89.78
- Ⓒ STA 0+07.15 PR. K=
STA 612+69.31 EX. 25
- Ⓓ STA 0+00.00 EX. K=
STA 612+35.25 EX. 25



STATE OF MISSOURI

RECEIVED

LORNE W. JACKSON

NUMBER

PE-2003014985

PROFESSIONAL ENGINEER

DATE PREPARED

10/25/2023

ROUTE

25

STATE

MO

DISTRICT

SE

SHEET NO.

33

COUNTY

CAPE GIRARDEAU

JOB NO.

J953841

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

1-888-ASK-MODOT (1-888-273-6636)

LOCHMUELLER GROUP

411 North 10th Street, Suite 200

St. Louis, MO 63101

Phone: 314.621.3395

LIGHTING PLAN
SHEET 1 OF 2

033_LG_J953841.dgn 8:26:23 AM 10/25/2023

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

LIGHTING SCHEDULE OF QUANTITIES															
					901-10.64	901-11.06	901-13.11	901-82.45	901-61.10	901-40.03	901-30.04	901-74.07	901-71.10	901-22.30	901-86.12
LIGHTING ITEM	ALIGNMENT	SHEET	STATION	OFFSET	LIGHTING POLE, 30 FT, TYPE A	BRACKET ARM, 15 FT.	LUMINAIRE, LED-A	POLE FOUNDATION (30 FT. MOUNTING HEIGHT)	CLASS 1 PULL BOX	CONDUIT, 3 IN., PUSHED	CONDUIT, 4 IN., TRENCHED	CABLE-CONDUIT, 1 IN., 3-2 CONDUCTORS AND 1 BARE NEUTRAL, 8 AWG	CABLE, 10 AWG 1 CONDUCTOR, POLE AND BRACKET	BASE-MOUNTED CONTROL STATION 240V-4 CIRCUIT	POWER SUPPLY ASSEMBLY, TYPE 2, 240/120 VOLT SERVICE, LIGHTING ONLY
C-01	ROUTE K	LG-1	2+13.55	83.3' LT										1	1
P-01	ROUTE K	LG-1	01+60.64	76.1' LT					1						
L-01	ROUTE 25 N.	LG-1	213+55.30	72.1' RT	1	1	1	1							
P-02	ROUTE 25 N.	LG-1	214+04.52	48.5' RT					1						
P-03	ROUTE 25 N.	LG-1	214+04.79	32.5' LT					1						
L-02	ROUTE 25 N.	LG-1	215+85.61	27.8' LT	1	1	1	1							
L-03	ROUTE 25 N.	LG-1	214+37.77	33.8' LT	1	1	1	1							
L-04	ROUTE 25 N.	LG-1	213+38.60	71.0' LT	1	1	1	1							
L-05	ROUTE 25 S.	LG-1	112+58.06	48.6' LT	1	1	1	1							
L-06	ROUTE K	LG-1	02+46.17	45.9' LT	1	1	1	1							
P-04	ROUTE K	LG-1	02+56.11	45.9' LT					1						
P-05	ROUTE K	LG-1	02+56.76	43.9' RT					1						
L-07	ROUTE K	LG-1	02+21.86	47.6' RT	1	1	1	1							
L-08	ROUTE K	LG-1	01+4.38	72.0' RT	1	1	1	1							
L-09	ROUTE 25 S.	LG-1	111+34.20	49.5' RT	1	1	1	1							
L-10	ROUTE 25 S.	LG-1	109+87.00	37.9' RT	1	1	1	1							
L-11	ROUTE K	LG-1	03+99.45	41.1' RT	1	1	1	1							
L-12	ROUTE K	LG-1	05+54.77	42.5' RT	1	1	1	1							
TOTAL					12	12	12	12	5	182	65	1,550	1,220	1	1

* THE CONTRACTOR MAY UTILIZE A COMBINED METER SERVICE PEDESTAL WITH 4-CIRCUIT 240V CONTROL FROM THE CURRENT APPROVED PRODUCT LIST IN LIEU OF A SEPARATE POWER SUPPLY AND CONTROL STATION CONFIGURATION

LUMINAIRE TABLE													
LUMINAIRE NO.		1	2	3	4	5	6	7	8	9	10	11	12
CIRCUIT CONNECTION		A-1	A-1	A-1	A-1	A-1	A-2	A-2	A-2	A-2	A-2	A-2	A-2
CONNECTION TYPE		2	1	2	2	1	2	2	2	2	1	2	1
ALIGNMENT NAME		PR RTE 25 N	PR RTE 25 N	PR RTE 25 N	PR RTE 25 N	PR RTE 25 S	PR RTE K	PR RTE K	PR RTE K	PR RTE 25 S	PR RTE 25 S	PR RTE K	PR RTE K
STATION		213+55.30	215+85.61	214+37.77	213+38.60	112+58.06	02+46.17	02+21.86	01+04.38	111+34.20	109+87.00	03+99.45	05+54.77
OFFSET		72.1' RT	27.8' LT	33.8' LT	71.0' LT	48.6' LT	45.9' LT	47.6' RT	72.0' RT	49.5' RT	37.9' RT	41.1' RT	42.5' RT
NORTHING		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EASTING		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
POLE SET BACK (FT)		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TOP FOUNDATION ELEVATION WITH RESPECT TO EDGE OF PAVEMENT		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SET BACK FROM	FRONT FACE OF CURB	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	FRONT FACE OF GUARD RAIL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	EDGE OF PAVEMENT	12.11'	12.07'	13.62'	13.32'	13.36'	11.26'	10.22'	10.60'	10.52'	10.38'	10.05'	11.52'
	EDGE OF SHOULDER	5.12'	4.15'	4.62'	4.32'	4.36'	4.26'	3.22'	3.60'	3.52'	3.38'	3.05'	4.52'
LUMINAIRE E.M.H. (FT)		45	45	45	45	45	45	45	45	45	45	45	45
NO. OF LUMINAIRES		1	1	1	1	1	1	1	1	1	1	1	1
INITIAL LAMP LUMEN		9,471	9,471	9,471	9,471	9,471	9,471	9,471	9,471	9,471	9,471	9,471	9,471
LIGHT LOSS FACTOR		0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
LUMINAIRE CLASSIFICATION		III	III	III	III	III	III	III	III	III	III	III	III

LIGHTING QUANTITIES
SHEET 2 OF 2

STATE OF MISSOURI

LORNE W. JACKSON

NUMBER PE-2003014985

PROFESSIONAL ENGINEER

DATE PREPARED
10/25/2023

ROUTE
25

STATE
MO

DISTRICT
SE

SHEET NO.
34

COUNTY
CAPE GIRARDEAU

JOB NO.
J9S3841

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)

LOCHMUELLER GROUP

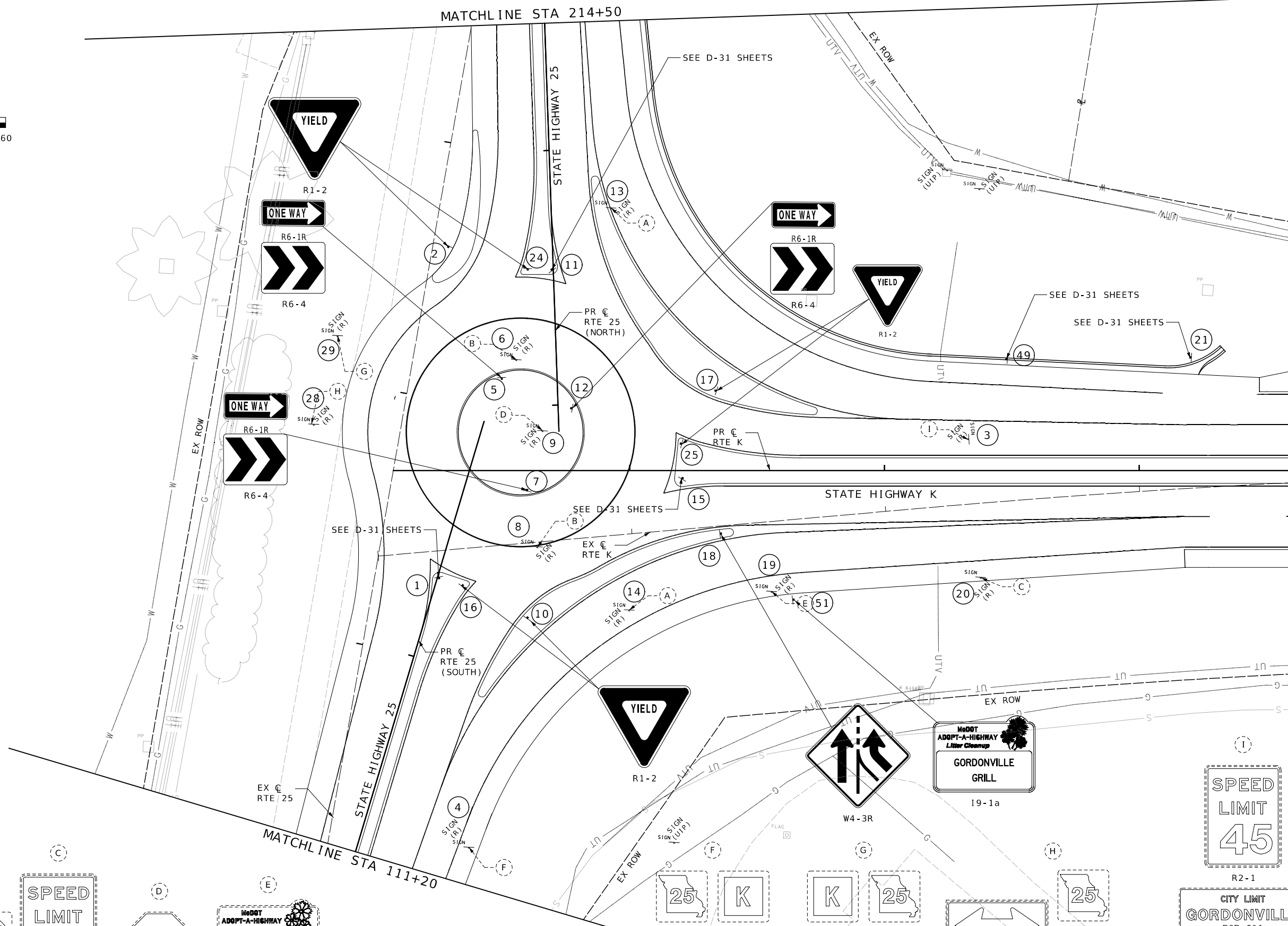
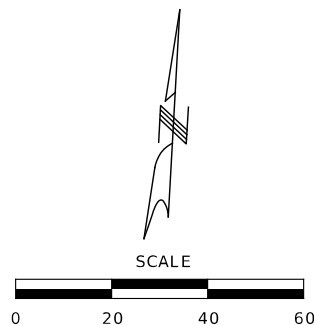
411 North 10th Street, Suite 200

St. Louis, MO 63101

Phone: 314.621.3395

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YIELD

R1-2

DO NOT ENTER

R5-1

SPEED LIMIT 55

R2-1

STOP

R1-1

MoDOT

ADOPT-A-HIGHWAY

Litter Cleanup

GORDONVILLE GRILL

19-1a

25

M1-5

M6-3

K

M1-5a

M6-1

K

M1-5a

M6-1

25

M1-5

M6-3

W1-7

25

M1-5

M6-4

SPEED LIMIT 45

R2-1

CITY LIMIT

GORDONVILLE

POP. 301

14-2a

RTE K SIGNING

SHEET 1 OF 4

STATE OF MISSOURI

LORNE W. JACKSON

REGISTERED PROFESSIONAL ENGINEER

NUMBER PE-2003014985

DATE PREPARED 9/27/2023

ROUTE 25 STATE MO

DISTRICT SE SHEET NO. 35

COUNTY CAPE GIRARDEAU

JOB NO. J953841

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

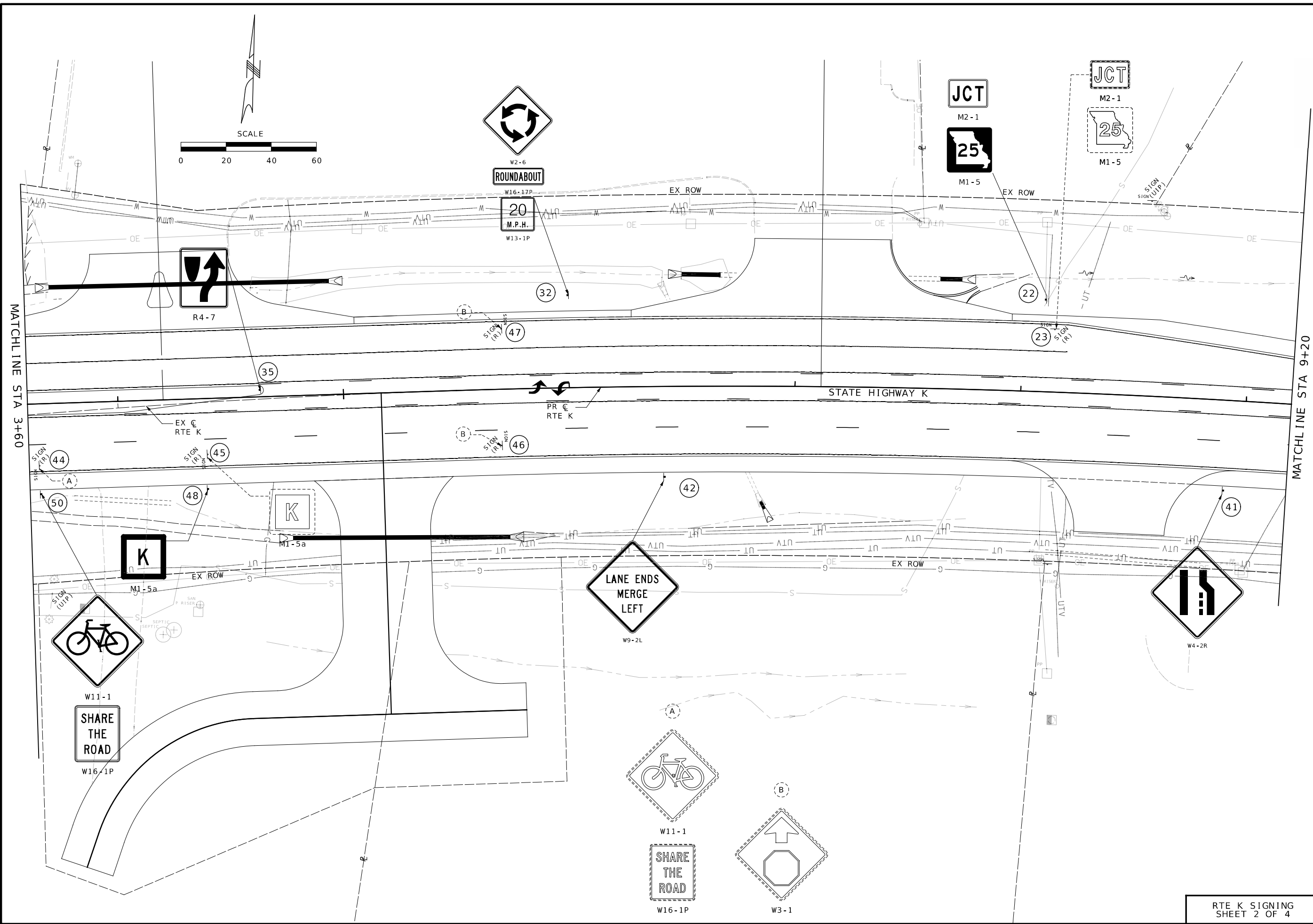
LOCHMUELLER GROUP

411 North 10th Street, Suite 200

St. Louis, MO 63101

Phone: 314.621.3395

035_SG_J953841.dgn 10:36:33 PM 9/27/2023



STATE OF MISSOURI

RECEIVED

LORNE W. JACKSON

REGISTERED PROFESSIONAL ENGINEER

PE-2003014985

9/27/2023

DATE PREPARED
9/27/2023

ROUTE
25

DISTRICT
SE

STATE
MO

SHEET NO.
36

COUNTY
CAPE GIRARDEAU

JOB NO.
J953841

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

1-888-ASK-MODOT (1-888-273-6636)

LOCHMUELLER GROUP

411 North 10th Street, Suite 200

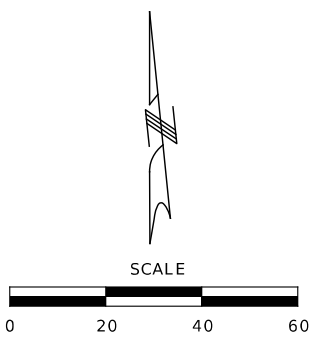
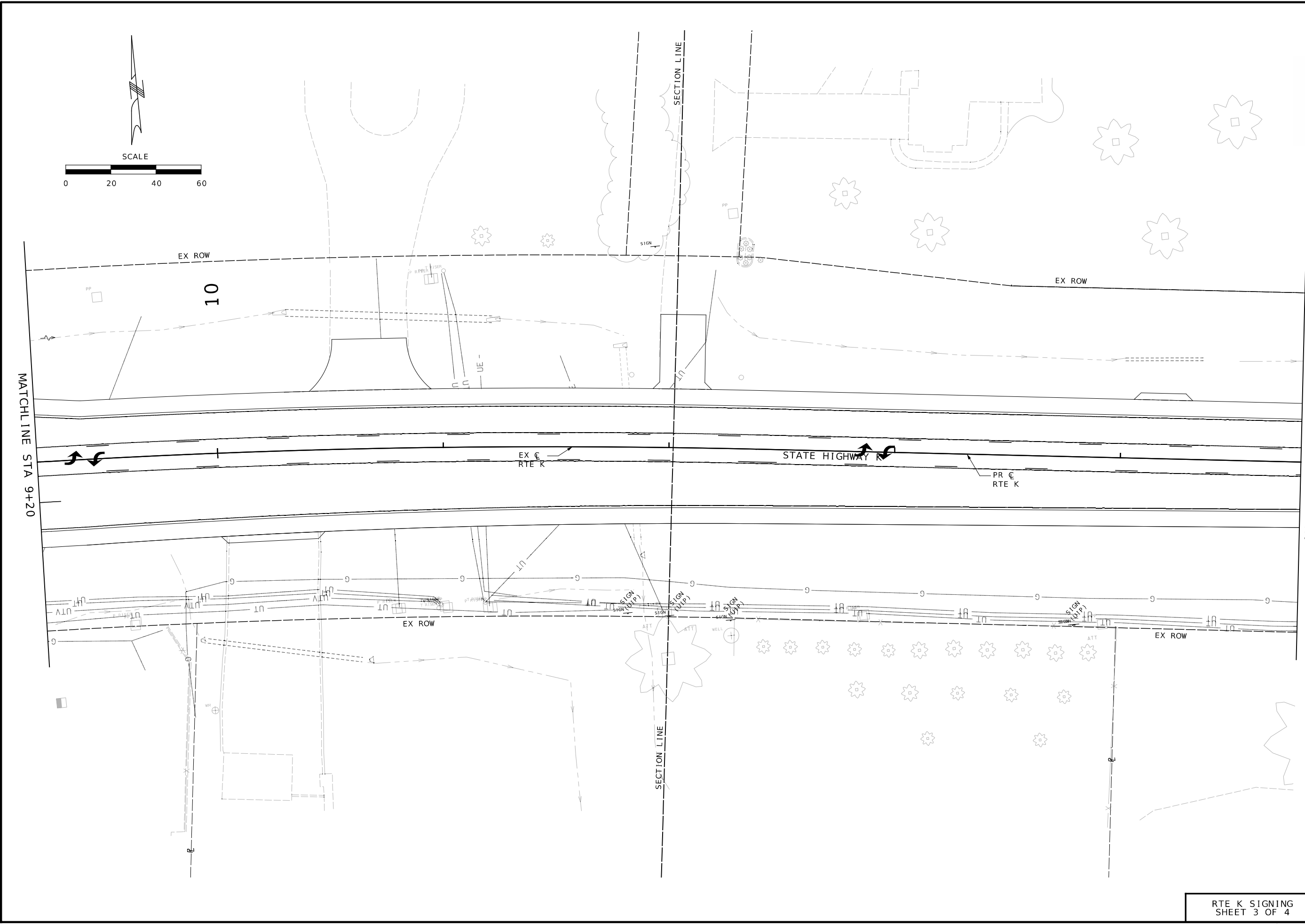
St. Louis, MO 63101

Phone: 314.621.3395

RTE K SIGNING
SHEET 2 OF 4

035_SG_J953841.dgn 10:36:37 PM 9/27/2023

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



RTE K SIGNING
SHEET 3 OF 4

STATE OF MISSOURI

REGISTERED PROFESSIONAL ENGINEER

LORNE W. JACKSON

NUMBER PE-2003014985

[Signature]

DATE PREPARED
9/27/2023

ROUTE
25

DISTRICT
SE

STATE
MO

SHEET NO.
37

COUNTY
CAPE GIRARDEAU

JOB NO.
J9S3841

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DATE	DESCRIPTION
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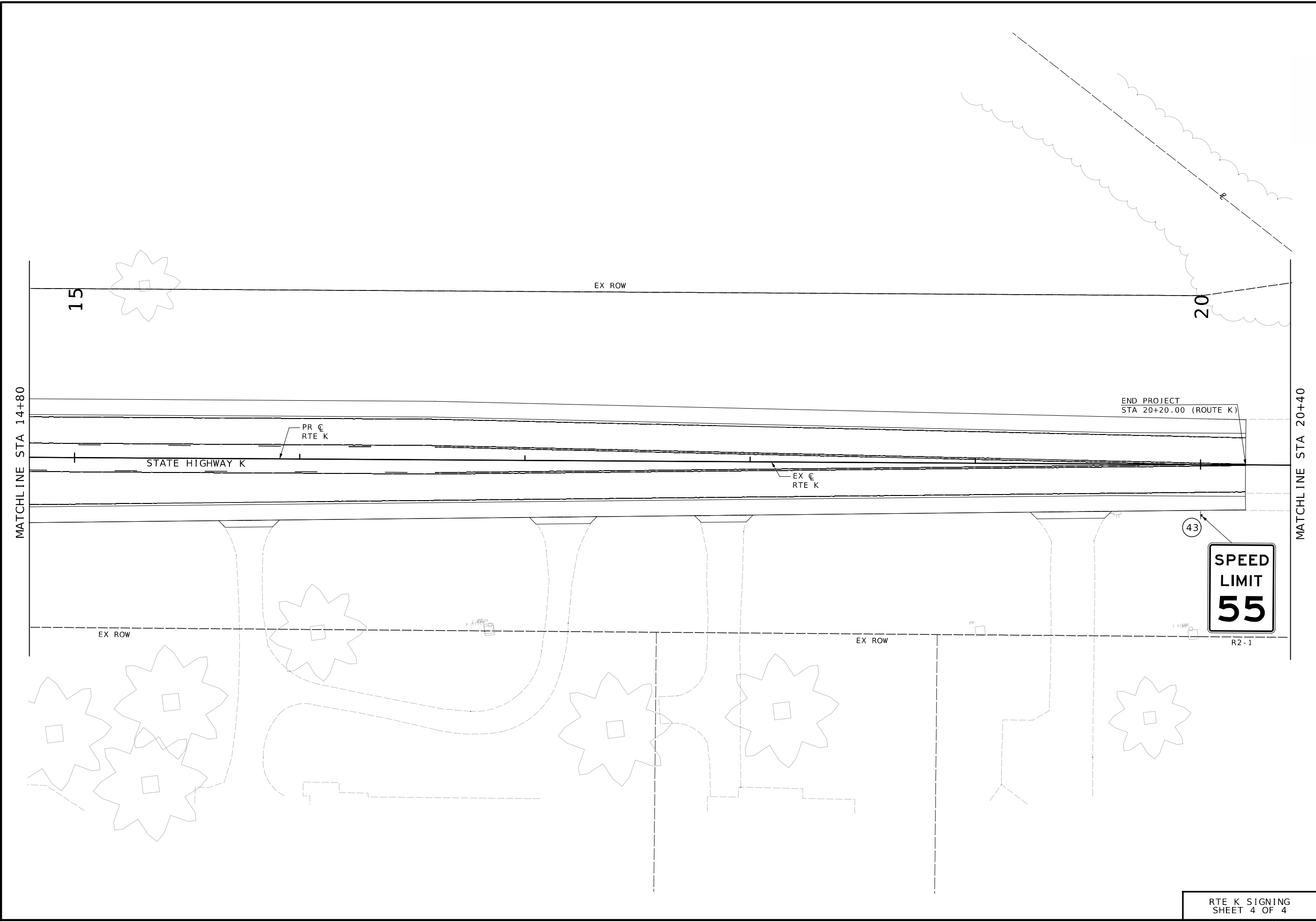
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

411 North 10th Street, Suite 200
St. Louis, MO 63101
Phone: 314.621.3395

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RTE K SIGNING
SHEET 4 OF 4

DATE PREPARED 9/27/2023	
ROUTE 25	STATE MO
DISTRICT SE	SHEET NO. 38
COUNTY CAPE GIRARDEAU	
JOB NO. J9S3841	
CONTRACT ID. .	
PROJECT NO. .	
BRIDGE NO. .	

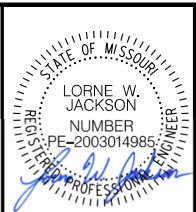
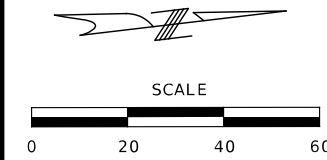
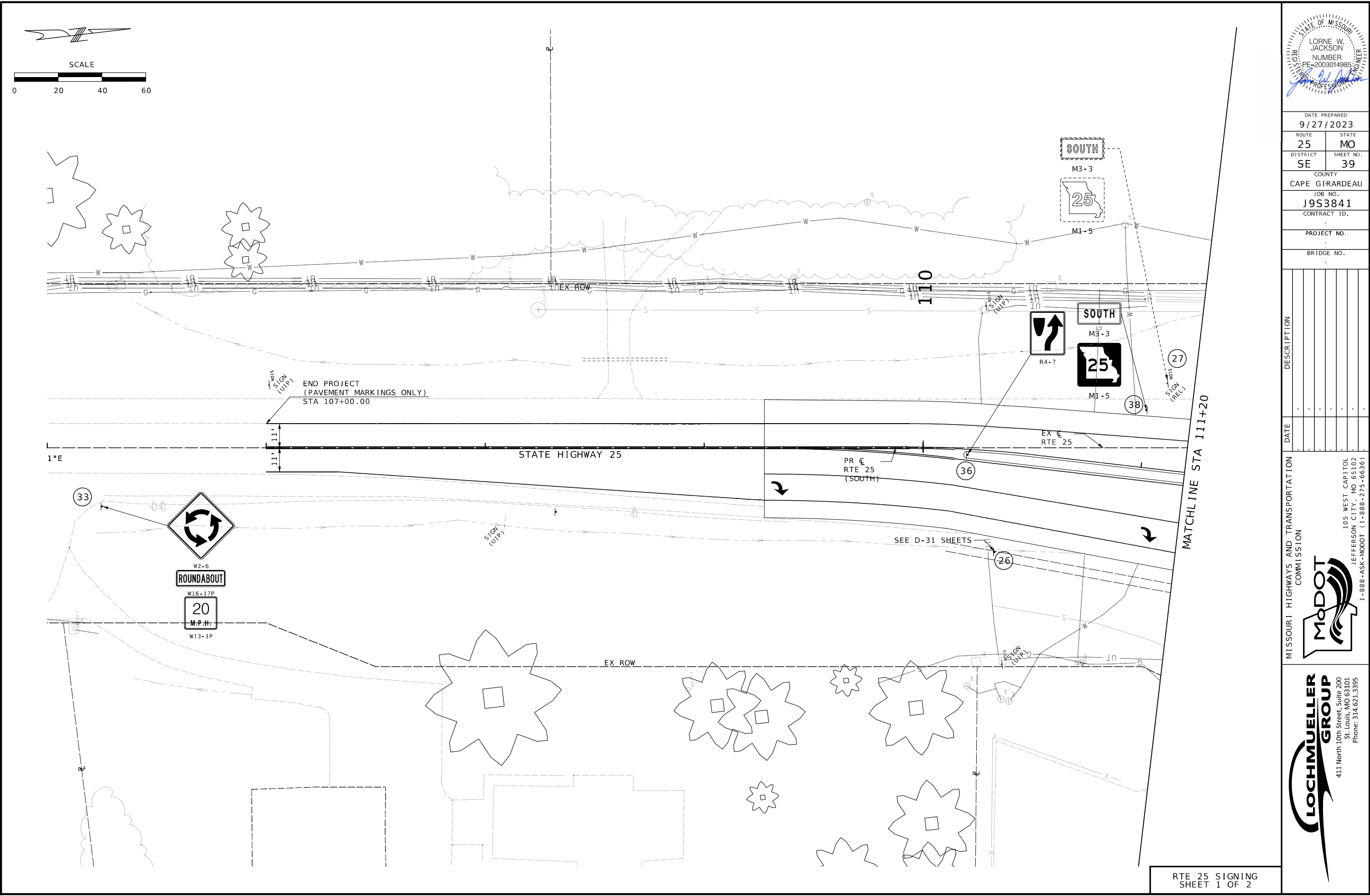
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

411 North 10th Street, Suite 200
St. Louis, MO 63101
Phone: 314.621.3395

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



DATE PREPARED 9/27/2023	
ROUTE 25	STATE MO
DISTRICT SE	SHEET NO. 39
COUNTY CAPE GIRARDEAU	
JOB NO. J9S3841	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

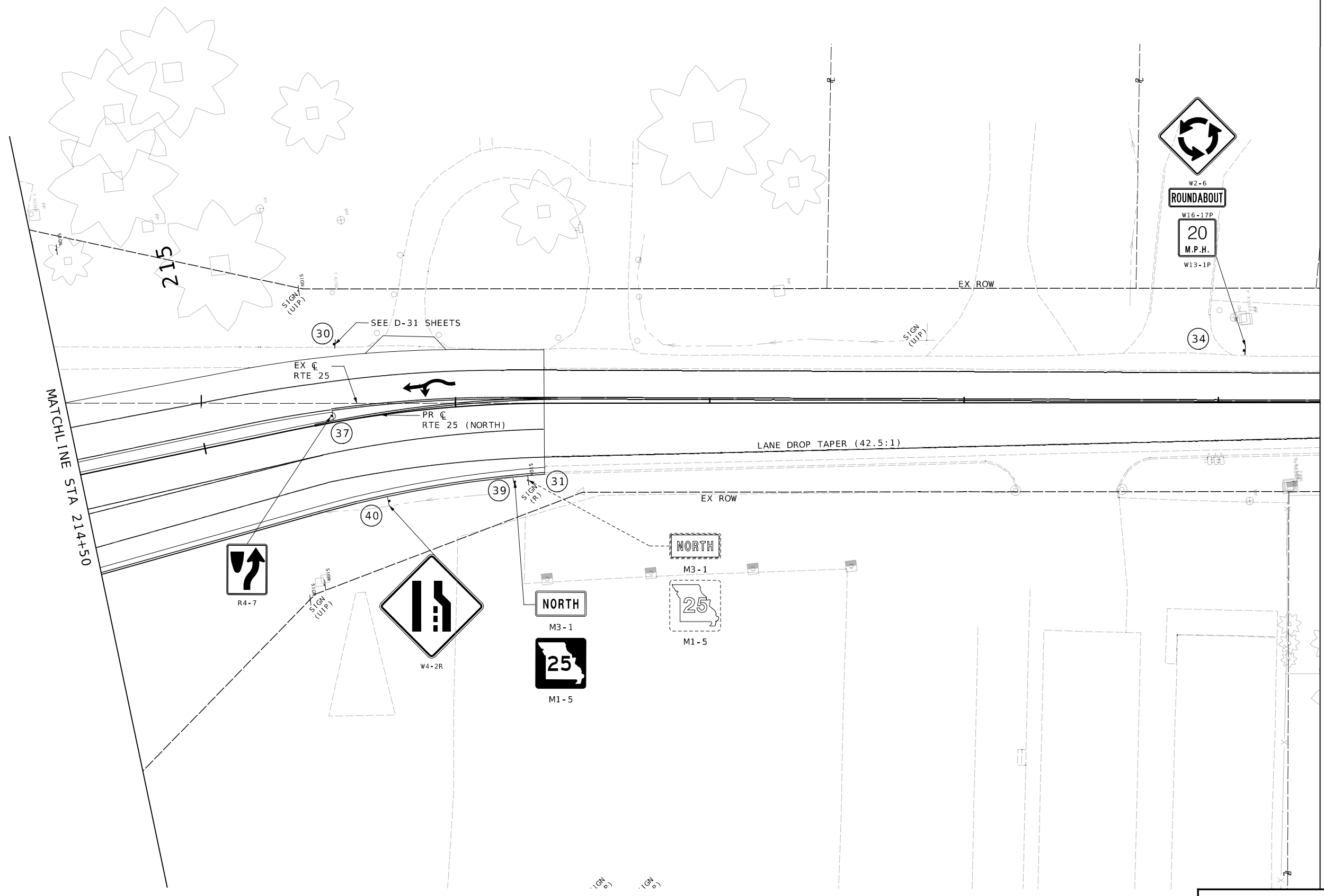
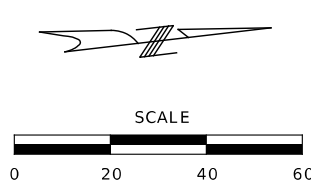
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

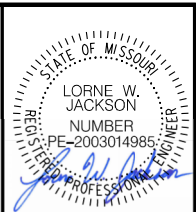
411 North 10th Street, Suite 200
St. Louis, MO 63101
Phone: 314.621.3395

RTE 25 SIGNING
SHEET 1 OF 2

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



RTE 25 SIGNING
SHEET 2 OF 2



DATE PREPARED 9/27/2023	
ROUTE 25	STATE MO
DISTRICT SE	SHEET NO. 40
COUNTY CAPE GIRARDEAU	
JOB NO. J9S3841	
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)

411 North 10th Street, Suite 200
St. Louis, MO 63101
Phone: 314.621.3395

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SIGNS

902 SIGNAL SIGNS TABULATED ON D-37A SHEET

SIGN NO.

SIGN SIZE

STATION

LOCATION

SIGN DTL. SHT. NO.

CONCRETE FOOTINGS EMBEDDED

ITEM NO. 9031010

CY

STRUCTURAL STEEL POSTS *

POST DES NO.

POST NO. 1

POST NO. 2

POST NO. 3

LBS PER FT

TOTAL ITEM NO. 9031210

PIPE POSTS *

PIPE SIZE

POST NO. 1

POST NO. 2

LBS PER FT

TOTAL ITEM NO. 9031220

BACKING BARS **

2" X 1/4" BARS @ 2.55 LBS PER FT

NO.

LGTH

TOTAL

TOTAL

U-CHANNEL POST

ITEM NO. 9031250A

LF

PERFORATED SQUARE STEEL TUBE

2 IN. POST

2.5 IN. POST

BREAK-AWAY ASSEMBLY

REMARKS AND OTHER REQUIRED ITEMS

DATE PREPARED

9/27/2023

ROUTE

25

STATE

MO

DISTRICT

SE

SHEET NO.

41

COUNTY

CAPE GIRARDEAU

JOB NO.

J9S3841

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)

LOCHMUELLER GROUP

411 North 10th Street, Suite 200

St. Louis, MO 63101

Phone: 314.621.3395

ROUND PIPE POST AND FOOTING DATA TABLE

NOM. SIZE		WEIGHT		STUB LENGTH	FOOTING		CONCRETE
(IN.)	LBS/FT	LBS/IN	DIA.		DEPTH		
2 1/2	5.79	0.48	4'- 3/4"	12"	4'-6"	0.13	
3	7.58	0.63	4'- 3/4"	12"	4'-6"	0.13	
4	10.79	0.90	5'- 3/4"	18"	5'-6"	0.36	

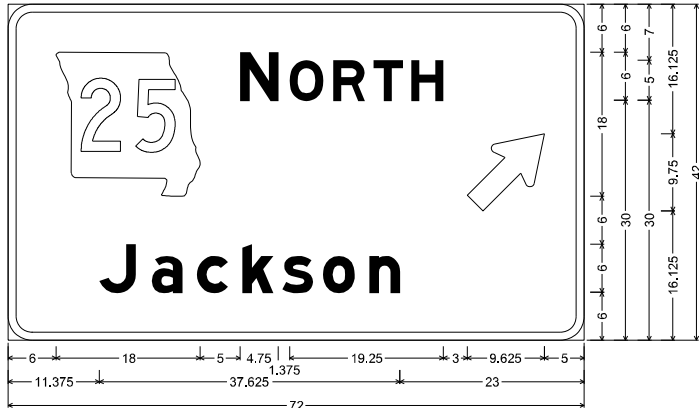
STRUCTURAL STEEL POST AND FOOTING DATA TABLE

POST DES. NO.	NOM. SIZE	POST WEIGHT		STUB LENGTH	DIA.	FOOTING							
		LBS/FT	LBS/IN			LEVEL	GRADE	6:1 GRADE	4:1 GRADE	3:1 OR 2:1 GRADE			
						DEPTH	C.Y.	DEPTH	C.Y.	DEPTH	C.Y.	DEPTH	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

D - 29

EFFECTIVE: 07-01-2022

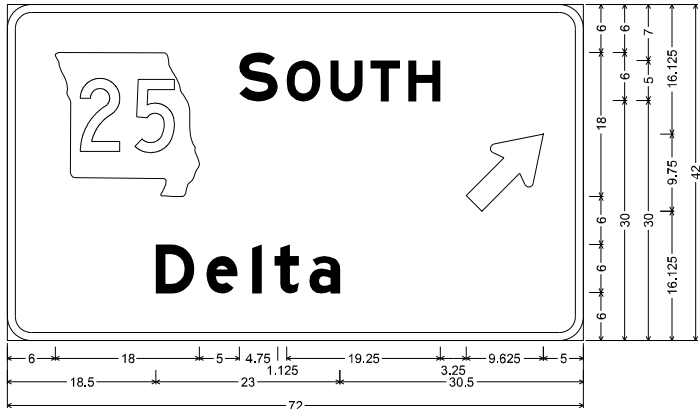
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



D1-1e ST-STRUCTURAL;
3,000" Radius, 1,000" Border, White on, Green;
"NORTH", E Mod; "Jackson", E Mod; Standard Arrow Custom 12,250" X 7,125" 45";
Table of letter and object lefts

6,000	N	29,000	O	35,125	R	40,625	T	45,625	H	50,375	57,375
11,375	J	18,000	a	23,625	c	29,250	k	34,250	s	39,375	45,125

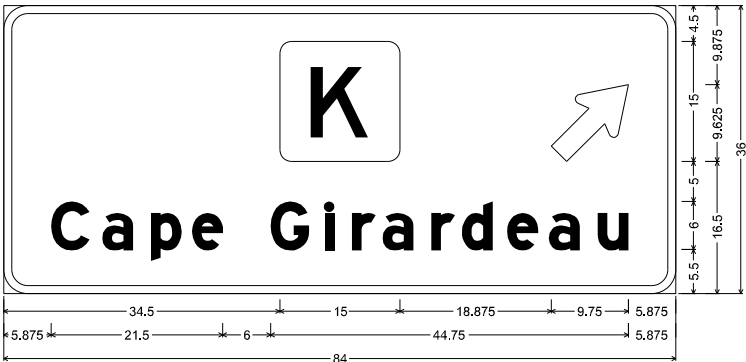
SIGN NO.	11
STATION	213+52
ROADWAY	PR RTE 25



D1-1e ST-STRUCTURAL;
3,000" Radius, 1,000" Border, White on, Green;
"SOUTH", E Mod; "Delta", E Mod; Standard Arrow Custom 12,250" X 7,125" 45";
Table of letter and object lefts

6,000	S	29,000	O	34,875	U	40,375	T	45,375	H	50,125	57,375
18,500	D	24,875	e	30,625	i	36,375	t	42,125	a	47,875	53,625

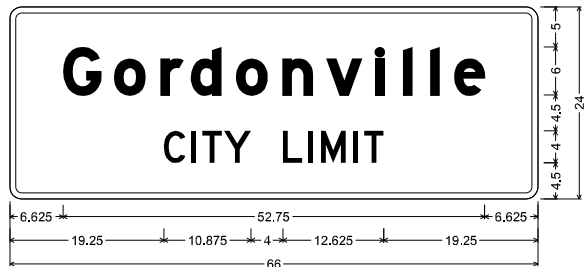
SIGN NO.	1
STATION	112+33
ROADWAY	PR RTE 25



D1-1e ST-STRUCTURAL;
3,000" Radius, 1,000" Border, White on, Green;
Rounded Rectangle 1,500" Radius;
Standard Arrow Custom 12,250" X 7,125" 45"; "Cape Girardeau", E Mod;
Table of letter and object lefts

34,500	34,500	68,375	68,375
5,875	C	12,250	a
18,375	p	23,500	e
33,375	G	40,125	i
43,500	r	47,375	a
53,500	r	57,250	d
62,875	e	68,125	a
74,250	u		

SIGN NO.	15
STATION	1+21
ROADWAY	PR RTE K

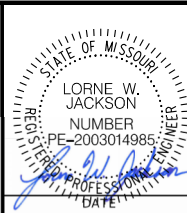


H-1 SH-FLAT SHEET;
1,500" Radius, 0,750" Border, White on, Green;
"Gordonville", E Mod; "CITY LIMIT", D;
Table of letter and object lefts

6,625	G	13,000	o	18,750	r	22,625	d	28,250	o	34,000	n	39,500	v	45,750	i	49,125	i	52,500	e	55,500
19,250	C	22,750	I	24,125	T	26,750	Y	34,125	L	37,375	I	38,875	M	42,875	I	44,250	T			

SIGN NO.	49
STATION	2+48
ROADWAY	PR RTE K

D-31



DATE PREPARED 9/27/2023	
ROUTE 25	STATE MO
DISTRICT SE	SHEET NO. 43
COUNTY CAPE GIRARDEAU	
JOB NO. J9S3841	
CONTRACT ID. .	
PROJECT NO. .	
BRIDGE NO. .	

DESCRIPTION	DATE
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

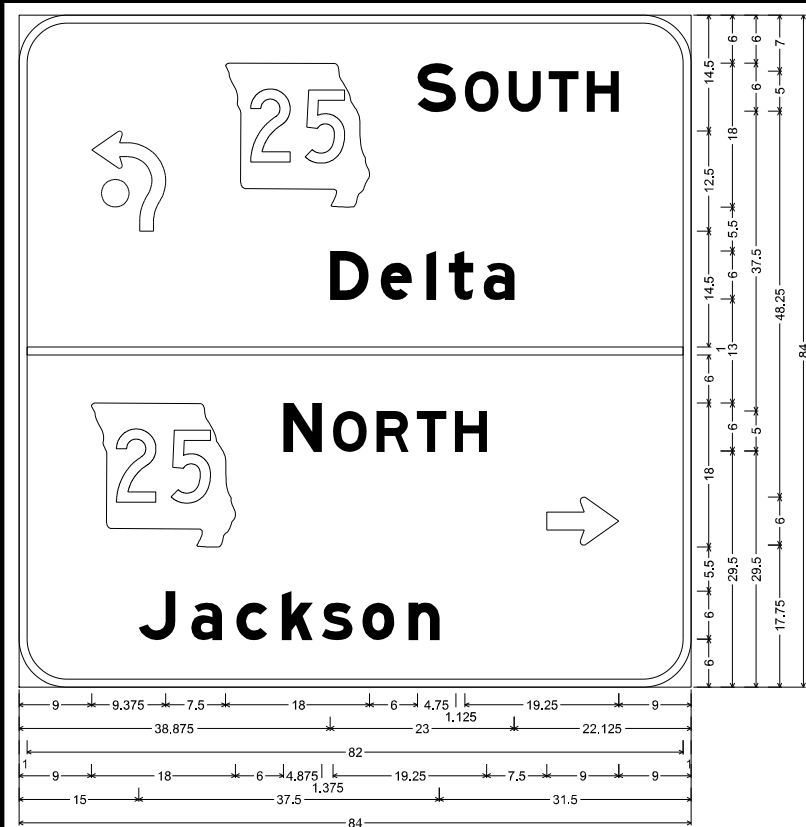
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MODOT

LOCHMUELLER GROUP

411 North 10th Street, Suite 200
St. Louis, MO 63101
Phone: 314.621.3395

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



D1-2d ST-STRUCTURAL;
6,000" Radius, 1,000" Border, White on, Green;
"SOUTH", E Mod; "Delta", E Mod; "NORTH", E Mod; "Jackson", E Mod;
Standard Arrow Custom 9,000" X 6,000" 0";
Table of letter and object lefts

↓	↖	S	O	U	T	H
9,000	25,875	49,875	55,750	61,250	66,250	71,000

D	e	I	t	a
38,875	45,250	50,875	53,750	58,125

1,000
1,000

↖	N	O	R	T	H	⇄
9,000	33,000	39,250	44,750	49,750	54,500	66,000

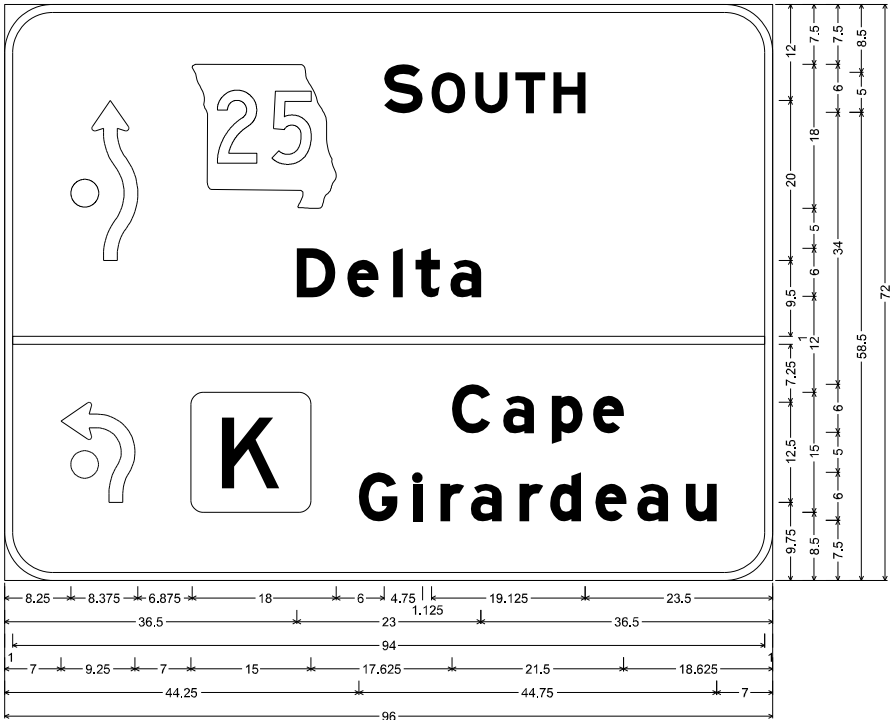
J	a	c	k	s	n
15,000	21,500	27,125	32,875	37,875	42,875

1,000
1,000

SIGN NO.	21
STATION	3+20
ROADWAY	PR RTE K

SIGN NO.	26
STATION	110+37
ROADWAY	PR RTE 25

SIGN NO.	30
STATION	215+57
ROADWAY	PR RTE 25



D1-2d ST-STRUCTURAL;
6,000" Radius, 1,000" Border, White on, Green;
" ", D; "SOUTH", E Mod; "Delta", E Mod; Rounded Rectangle 1,500" Radius;
"Cape", E Mod; "Girardeau", E Mod;
Table of letter and object lefts

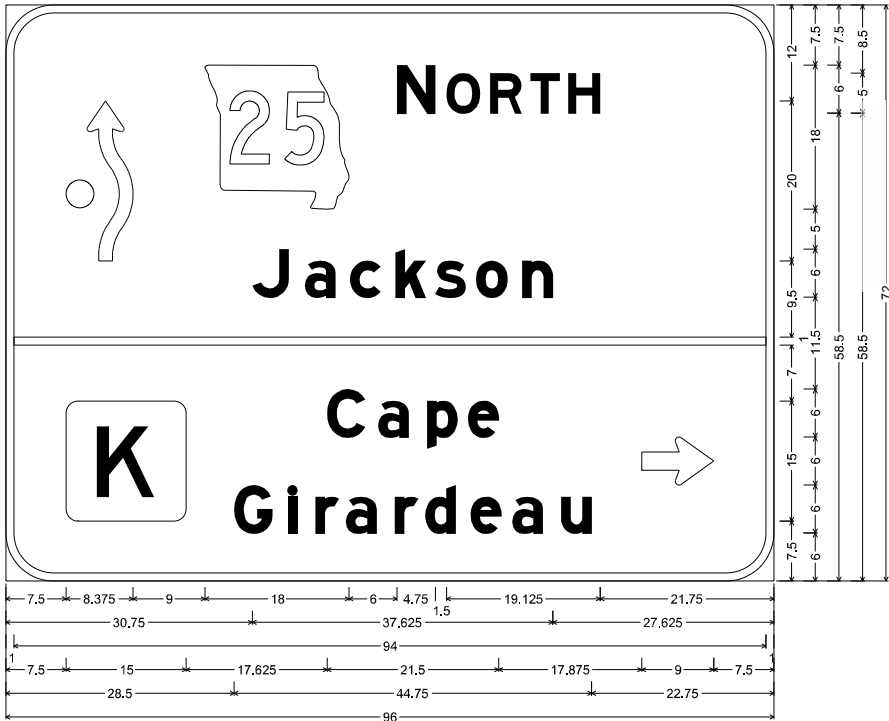
↓	↖	S	O	U	T	H
8,250	23,500	47,500	53,375	58,875	63,875	68,625

D	e	I	t	a
36,500	42,875	48,500	51,375	55,750

1,000
1,000

↖	C	a	p	e
7,000	23,250	55,875	62,250	68,375

G	I	r	a	r	d	e	a	u
44,250	51,000	54,500	58,250	64,375	68,125	73,875	79,000	85,125



D1-2d ST-STRUCTURAL;
6,000" Radius, 1,000" Border, White on, Green;
"NORTH", E Mod; "Jackson", E Mod; Rounded Rectangle 1,500" Radius;
"Cape", E Mod; "Girardeau", E Mod; Standard Arrow Custom 9,000" X 6,000" 0";
Table of letter and object lefts

↓	↖	N	O	R	T	H
7,500	24,875	48,875	55,125	60,500	65,500	70,250

J	a	c	k	s	o	n
30,750	37,375	43,000	48,625	53,625	58,750	64,500

1,000
1,000

↖	C	a	p	e	⇄
7,500	40,125	46,500	52,625	57,750	79,500

G	I	r	a	r	d	e	a	u
28,500	35,250	38,750	42,500	48,625	52,375	58,125	63,250	69,375

D-31

STATE OF MISSOURI
REGISTERED PROFESSIONAL ENGINEER
LORNE W. JACKSON
NUMBER PE-2003014985
DATE 9/27/2023

DATE PREPARED
9/27/2023

ROUTE
25

DISTRICT
SE

STATE
MO

SHEET NO.
44

COUNTY
CAPE GIRARDEAU

JOB NO.
J9S3841

CONTRACT ID.
.

PROJECT NO.
.

BRIDGE NO.
.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

LOCHMUELLER GROUP

411 North 10th Street, Suite 200
St. Louis, MO 63101
Phone: 314.621.3395

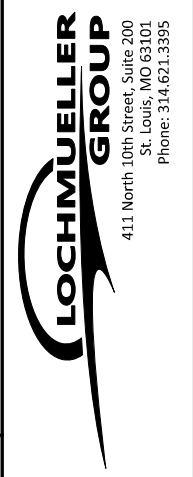
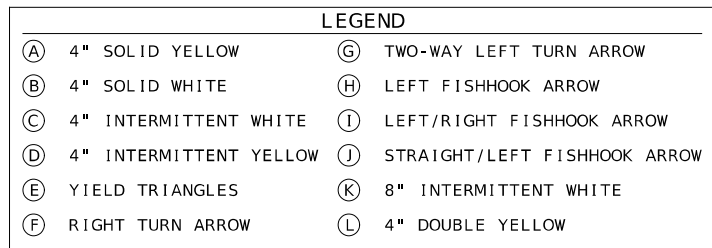
MODOT

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

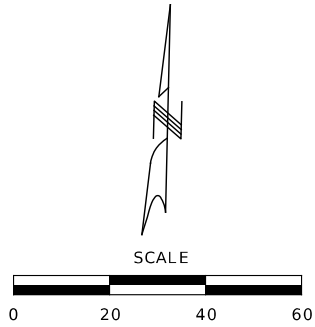
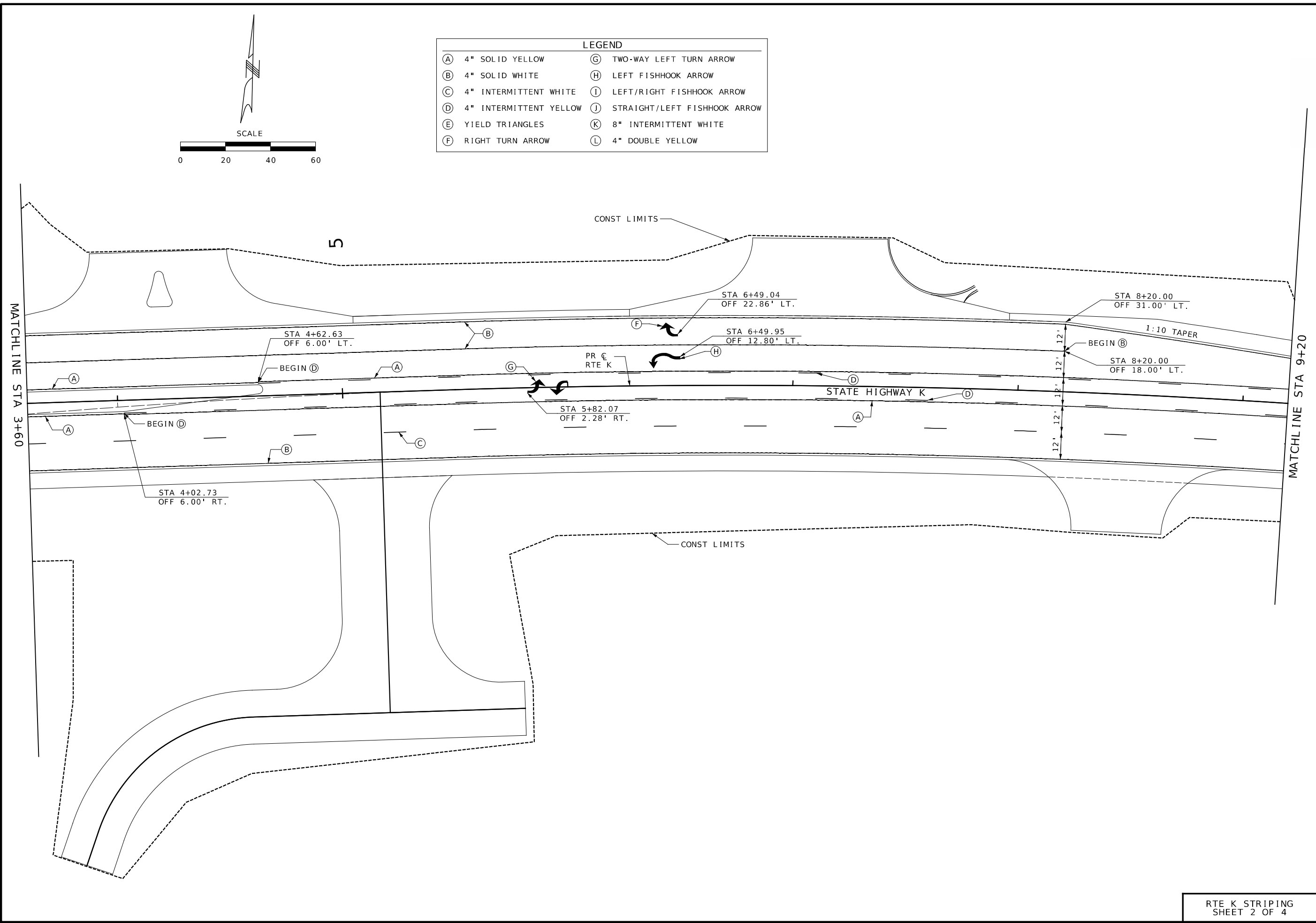
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

REV.

035_SG_J9S3841.dgn 10:36:48 PM 9/27/2023



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



LEGEND			
(A) 4" SOLID YELLOW	(G) TWO-WAY LEFT TURN ARROW		
(B) 4" SOLID WHITE	(H) LEFT FISHHOOK ARROW		
(C) 4" INTERMITTENT WHITE	(I) LEFT/RIGHT FISHHOOK ARROW		
(D) 4" INTERMITTENT YELLOW	(J) STRAIGHT/LEFT FISHHOOK ARROW		
(E) YIELD TRIANGLES	(K) 8" INTERMITTENT WHITE		
(F) RIGHT TURN ARROW	(L) 4" DOUBLE YELLOW		

STATE OF MISSOURI
REGISTERED PROFESSIONAL ENGINEER
LORNE W. JACKSON
NUMBER
PE-2003014985

DATE PREPARED
9/27/2023

ROUTE
25

DISTRICT
SE

COUNTY
CAPE GIRARDEAU

JOB NO.
J9S3841

CONTRACT ID.
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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)

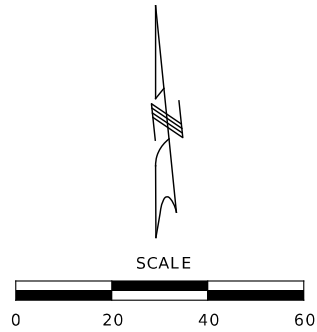


411 North 10th Street, Suite 200
St. Louis, MO 63101
Phone: 314.621.3395

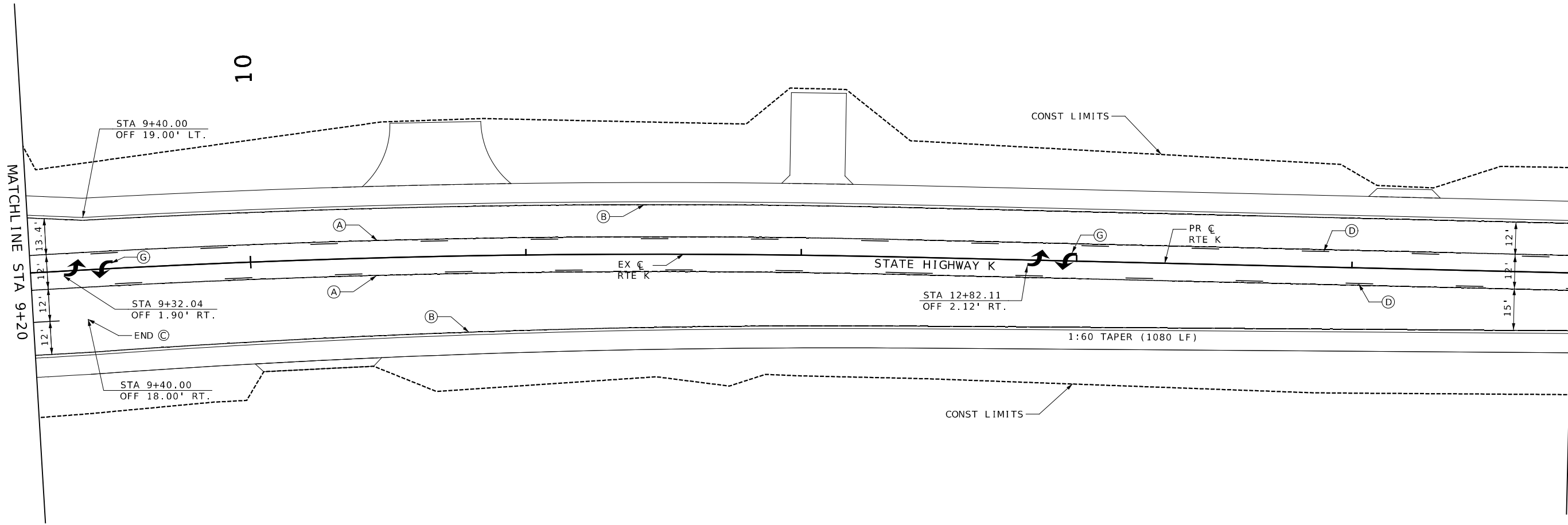
RTE K STRIPING
SHEET 2 OF 4

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

045_SP_J9S3841.dgn 10:37:42 PM 9/27/2023



LEGEND			
(A)	4" SOLID YELLOW	(G)	TWO-WAY LEFT TURN ARROW
(B)	4" SOLID WHITE	(H)	LEFT FISHHOOK ARROW
(C)	4" INTERMITTENT WHITE	(I)	LEFT/RIGHT FISHHOOK ARROW
(D)	4" INTERMITTENT YELLOW	(J)	STRAIGHT/LEFT FISHHOOK ARROW
(E)	YIELD TRIANGLES	(K)	8" INTERMITTENT WHITE
(F)	RIGHT TURN ARROW	(L)	4" DOUBLE YELLOW



RTE K STRIPING
SHEET 3 OF 4

STATE OF MISSOURI

REGISTERED PROFESSIONAL ENGINEER

LORNE W. JACKSON

NUMBER

PE-2003014985

DATE PREPARED

9/27/2023

ROUTE

25

STATE

MO

DISTRICT

SE

SHEET NO.

47

COUNTY

CAPE GIRARDEAU

JOB NO.

J9S3841

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

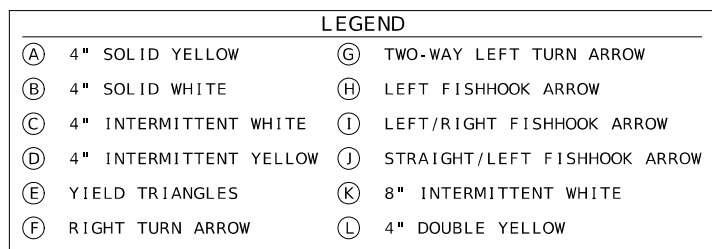
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

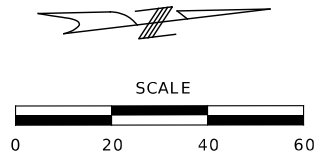
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

411 North 10th Street, Suite 200
St. Louis, MO 63101
Phone: 314.621.3395

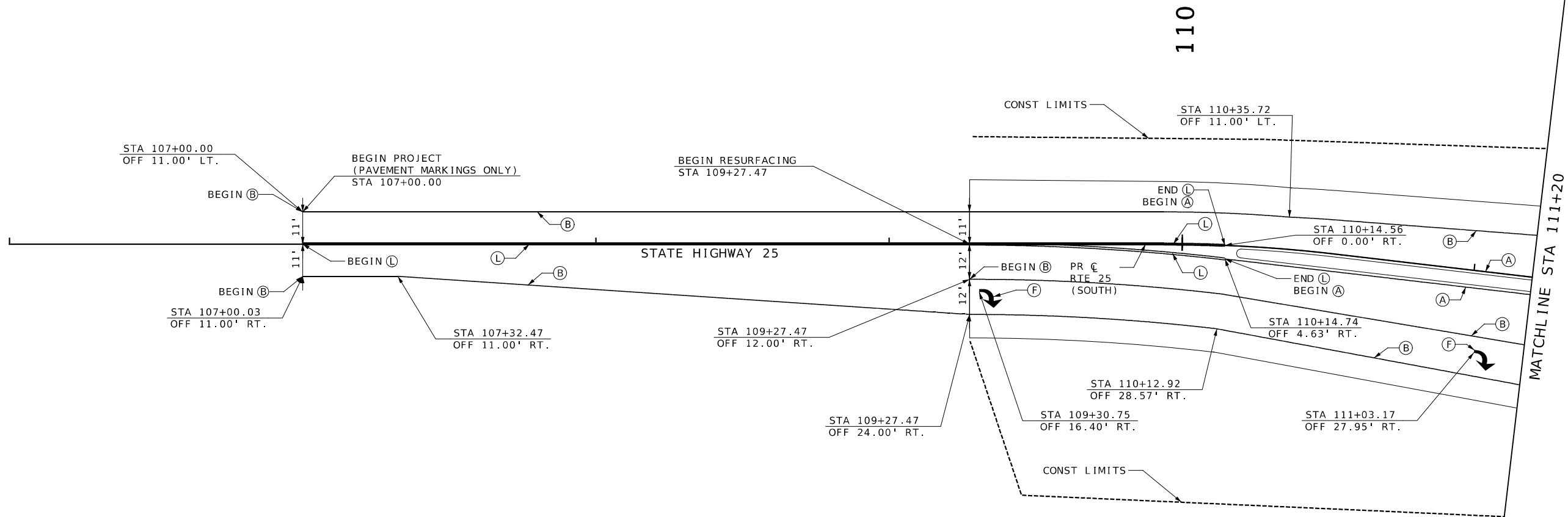
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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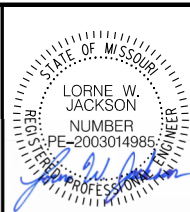
[illegible]



LEGEND			
(A)	4" SOLID YELLOW	(G)	TWO-WAY LEFT TURN ARROW
(B)	4" SOLID WHITE	(H)	LEFT FISHHOOK ARROW
(C)	4" INTERMITTENT WHITE	(I)	LEFT/RIGHT FISHHOOK ARROW
(D)	4" INTERMITTENT YELLOW	(J)	STRAIGHT/LEFT FISHHOOK ARROW
(E)	YIELD TRIANGLES	(K)	8" INTERMITTENT WHITE
(F)	RIGHT TURN ARROW	(L)	4" DOUBLE YELLOW



RTE 25 STRIPING
SHEET 1 OF 3



DATE PREPARED 9/27/2023	
ROUTE 25	STATE MO
DISTRICT SE	SHEET NO. 49
COUNTY CAPE GIRARDEAU	
JOB NO. J9S3841	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

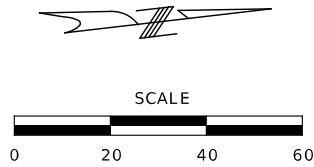
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

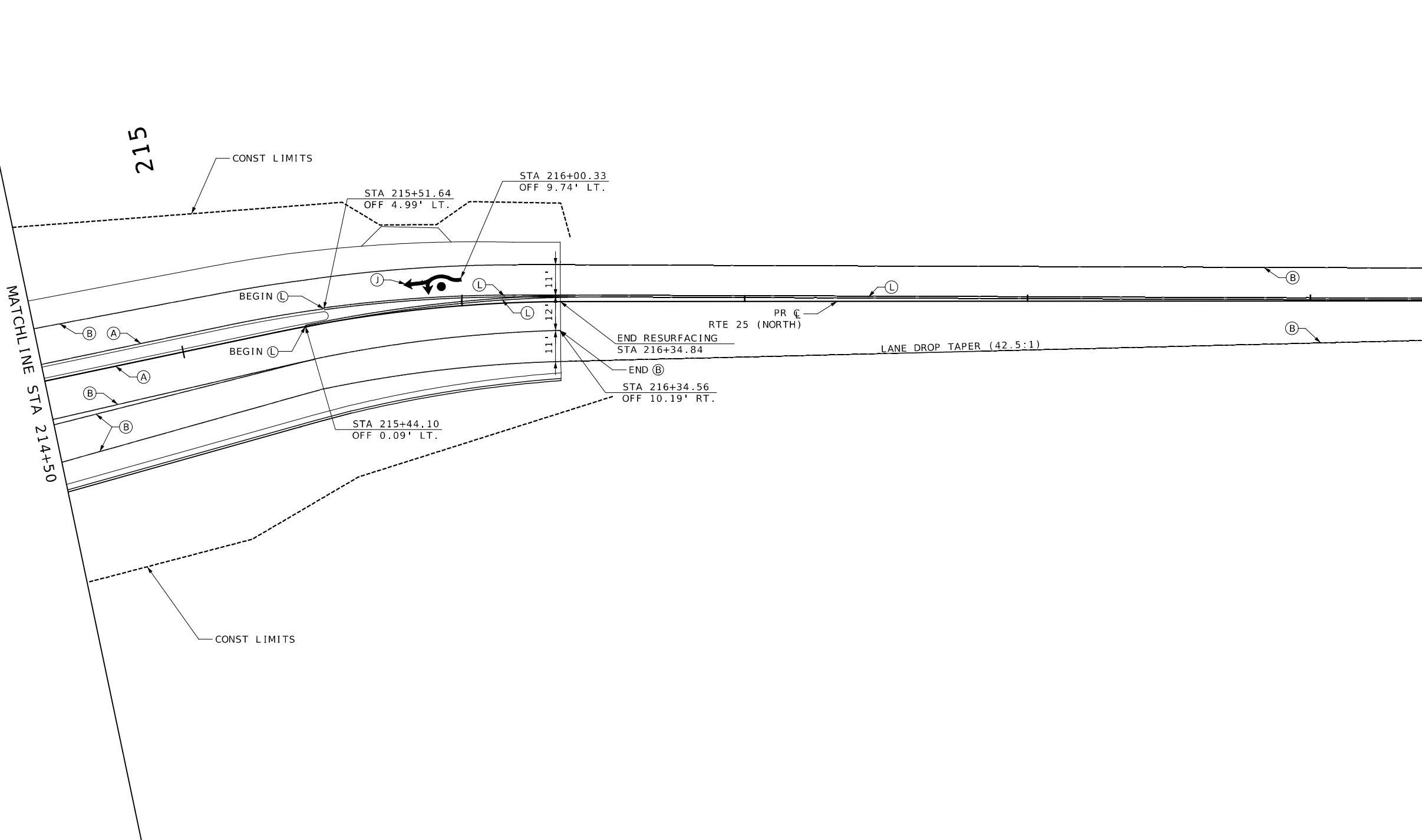
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

411 North 10th Street, Suite 200
St. Louis, MO 63101
Phone: 314.621.3395

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



LEGEND			
(A)	4" SOLID YELLOW	(G)	TWO-WAY LEFT TURN ARROW
(B)	4" SOLID WHITE	(H)	LEFT FISHHOOK ARROW
(C)	4" INTERMITTENT WHITE	(I)	LEFT/RIGHT FISHHOOK ARROW
(D)	4" INTERMITTENT YELLOW	(J)	STRAIGHT/LEFT FISHHOOK ARROW
(E)	YIELD TRIANGLES	(K)	8" INTERMITTENT WHITE
(F)	RIGHT TURN ARROW	(L)	4" DOUBLE YELLOW



MATCHLINE STA 219+40

STATE OF MISSOURI
LORNE W. JACKSON
REGISTERED PROFESSIONAL ENGINEER
NUMBER PE-2003014985

DATE PREPARED
9/27/2023

ROUTE
25

DISTRICT
SE

COUNTY
CAPE GIRARDEAU

STATE
MO

SHEET NO.
50

JOB NO.
J953841

CONTRACT ID.
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PROJECT NO.
.

BRIDGE NO.
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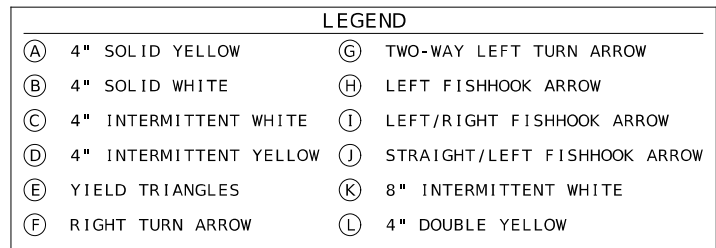
DATE	DESCRIPTION
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

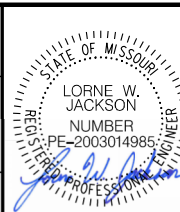
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

411 North 10th Street, Suite 200
St. Louis, MO 63101
Phone: 314.621.3395

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



 LOCHMUELLER GROUP 411 North 10th Street, Suite 200 St. Louis, MO 63101 Phone: 314.621.3395		MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  105 WEST CAPITAL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)		<table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr><td>.</td><td>.</td></tr> <tr><td>.</td><td>.</td></tr> <tr><td>.</td><td>.</td></tr> <tr><td>.</td><td>.</td></tr> <tr><td>.</td><td>.</td></tr> <tr><td>.</td><td>.</td></tr> </tbody> </table>		DATE	DESCRIPTION	.	.	.	.	.	.	.	.	.	.	.	.	IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED: _____	
DATE	DESCRIPTION																				
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		STATE OF MISSOURI LORNE W. JACKSON REGISTERED PROFESSIONAL ENGINEER NO. PE-2003014985		DATE PREPARED 9/27/2023		<table border="1"> <tr> <td>ROUTE</td> <td>STATE</td> </tr> <tr> <td align="center">25</td> <td align="center">MO</td> </tr> <tr> <td>DISTRICT</td> <td>SHEET NO.</td> </tr> <tr> <td align="center">SE</td> <td align="center">51</td> </tr> </table>		ROUTE	STATE	25	MO	DISTRICT	SHEET NO.	SE	51						
ROUTE	STATE																				
25	MO																				
DISTRICT	SHEET NO.																				
SE	51																				
		COUNTY CAPE GIRARDEAU		JOB NO. J9S3841																	
		CONTRACT ID. .		PROJECT NO. .																	
		BRIDGE NO. .																			



BRIDGE NO.



MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITAL
JEFFERSON CITY, MO 65102
1.888.ASK.MDOT(1.888.2745.6263)

LOCHMUELLER GROUP
4111 North 10th Street, Suite 200
St. Louis, MO 63101
Phone: 314.621.3395

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

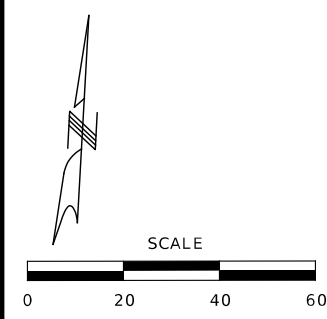
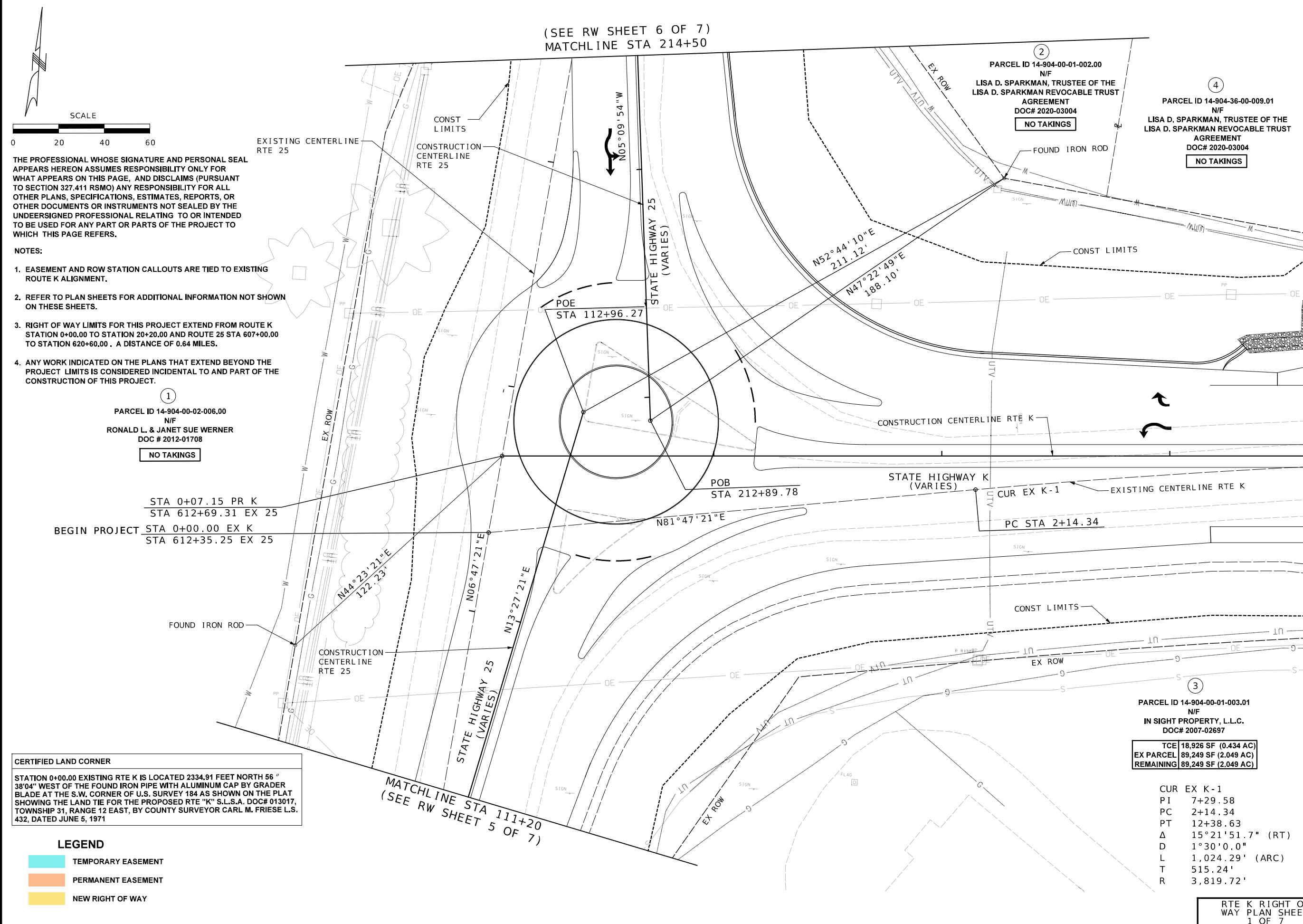
DUE TO DIFFERENCES BETWEEN LIDAR DATA AND SURVEY DATA, CONTRACTOR SHALL FIELD VERIFY EXISTING PIPE CULVERTS AND SLOPE. PROPOSED CULVERT TO BE ADJUSTED IN FIELD FOR ACTUAL ELEVATIONS AND SLOPE CONDITIONS. CONTRACTOR TO MAINTAIN POSITIVE DRAINAGE.

NOTES:

1. UNDERGROUND FACILITIES, STRUCTURES, AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEY AND RECORDS. THE OWNER DOES NOT WARRANT THE LOCATIONS OF THESE FACILITIES AS PRECISE. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXISTENCE AND PRECISE LOCATION OF ALL FACILITIES AND TO AVOID ALL DAMAGE.
2. EXISTING ROW SHOWN ON THESE PLANS HAVE BEEN PLOTTED FROM AVAILABLE RECORDS. THE OWNER DOES NOT WARRANT THE LOCATION OF EXISTING ROW AS PRECISE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING ALL WORK NECESSARY TO COMPLETE THIS PROJECT WITHIN EXISTING ROW.

CULVERT SECTIONS
SHEET 2 OF 2

052_DR_J9S3841.dgn 10:38:46 PM 9/27/2023



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

- NOTES:
- EASEMENT AND ROW STATION CALLOUTS ARE TIED TO EXISTING ROUTE K ALIGNMENT.
 - REFER TO PLAN SHEETS FOR ADDITIONAL INFORMATION NOT SHOWN ON THESE SHEETS.
 - RIGHT OF WAY LIMITS FOR THIS PROJECT EXTEND FROM ROUTE K STATION 0+00.00 TO STATION 20+20.00 AND ROUTE 25 STA 607+00.00 TO STATION 620+60.00 . A DISTANCE OF 0.64 MILES.
 - ANY WORK INDICATED ON THE PLANS THAT EXTEND BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND PART OF THE CONSTRUCTION OF THIS PROJECT.

1
PARCEL ID 14-904-00-02-006.00
N/F
RONALD L. & JANET SUE WERNER
DOC # 2012-01708
NO TAKINGS

STA 0+07.15 PR K
STA 612+69.31 EX 25
BEGIN PROJECT STA 0+00.00 EX K
STA 612+35.25 EX 25

CERTIFIED LAND CORNER

STATION 0+00.00 EXISTING RTE K IS LOCATED 2334.91 FEET NORTH 56 ° 38'04" WEST OF THE FOUND IRON PIPE WITH ALUMINUM CAP BY GRADER BLADE AT THE S.W. CORNER OF U.S. SURVEY 184 AS SHOWN ON THE PLAT SHOWING THE LAND TIE FOR THE PROPOSED RTE "K" S.L.S.A. DOC# 013017, TOWNSHIP 31, RANGE 12 EAST, BY COUNTY SURVEYOR CARL M. FRIESE L.S. 432, DATED JUNE 5, 1971

LEGEND

- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- NEW RIGHT OF WAY

(SEE RW SHEET 6 OF 7)
MATCHLINE STA 214+50

2
PARCEL ID 14-904-00-01-002.00
N/F
LISA D. SPARKMAN, TRUSTEE OF THE
LISA D. SPARKMAN REVOCABLE TRUST
AGREEMENT
DOC# 2020-03004
NO TAKINGS

4
PARCEL ID 14-904-36-00-009.01
N/F
LISA D. SPARKMAN, TRUSTEE OF THE
LISA D. SPARKMAN REVOCABLE TRUST
AGREEMENT
DOC# 2020-03004
NO TAKINGS

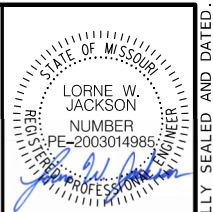
3
PARCEL ID 14-904-00-01-003.01
N/F
IN SIGHT PROPERTY, L.L.C.
DOC# 2007-02697

TCE	18,926 SF (0.434 AC)
EX PARCEL	89,249 SF (2.049 AC)
REMAINING	89,249 SF (2.049 AC)

CUR EX K-1
PI 7+29.58
PC 2+14.34
PT 12+38.63
Δ 15°21'51.7" (RT)
D 1°30'0.0"
L 1,024.29' (ARC)
T 515.24'
R 3,819.72'

RTE K RIGHT OF
WAY PLAN SHEET
1 OF 7

MATCHLINE STA 3+60
(SEE RW SHEET 2 OF 7)



DATE PREPARED 9/27/2023	
ROUTE 25	STATE MO
DISTRICT SE	SHEET NO. RW1
COUNTY CAPE GIRARDEAU	
JOB NO. J953841	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

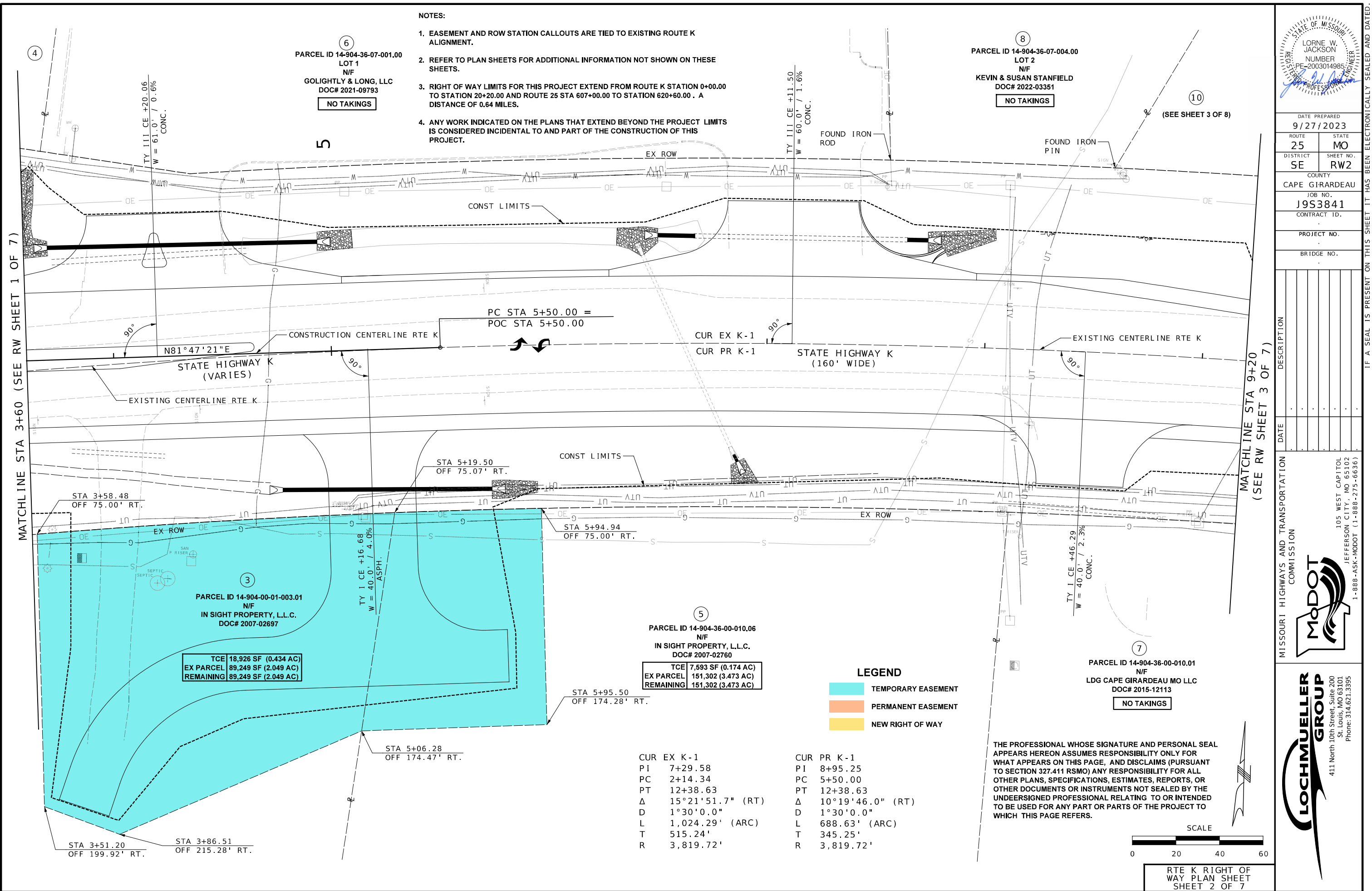
DATE	DESCRIPTION

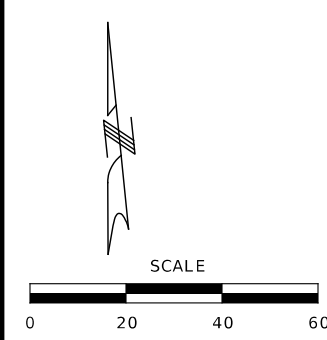
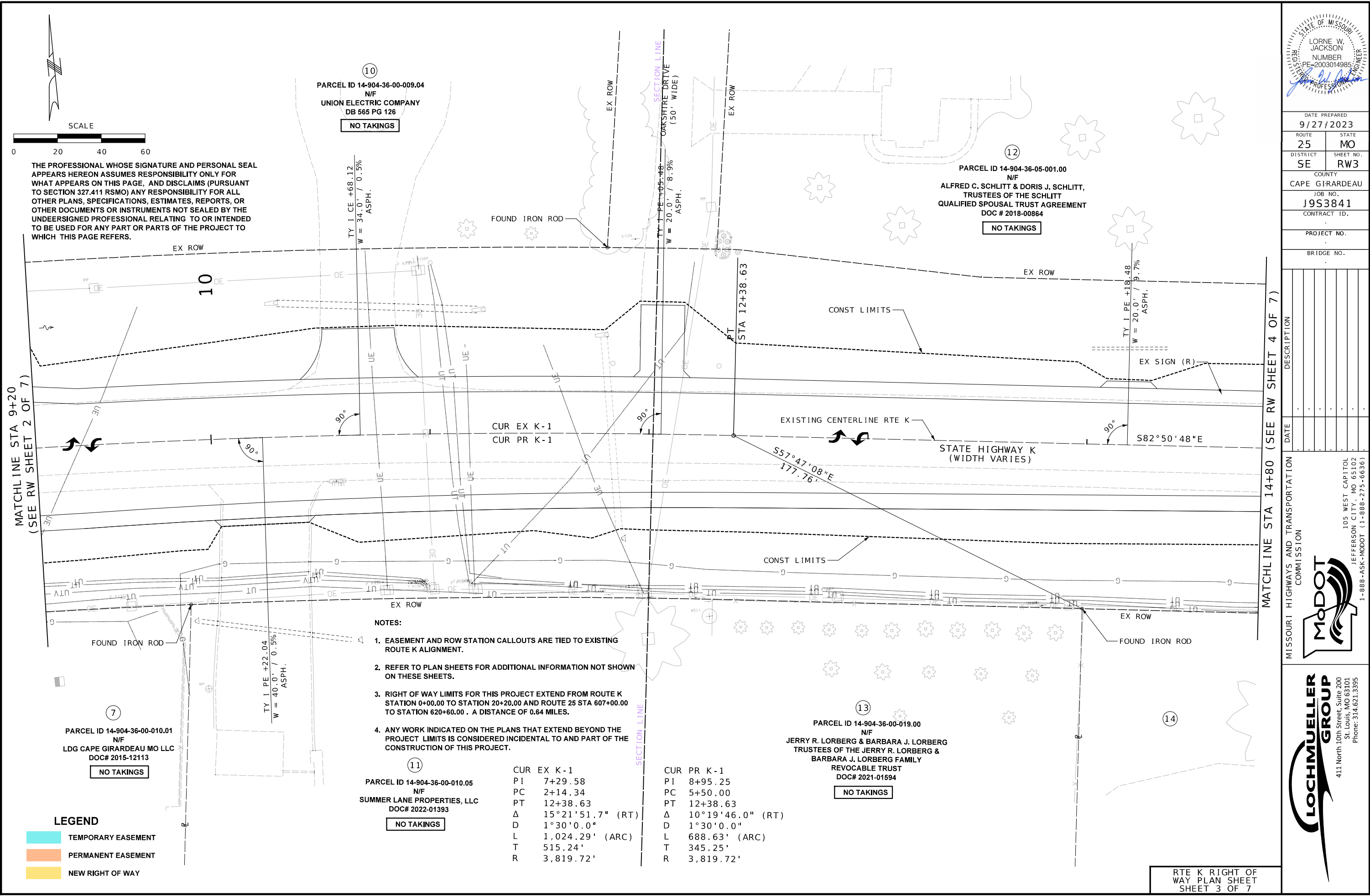
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

411 North 10th Street, Suite 200
St. Louis, MO 63101
Phone: 314.621.3395

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





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MATCHLINE STA 9+20
(SEE RW SHEET 2 OF 7)

MATCHLINE STA 14+80 (SEE RW SHEET 4 OF 7)

LEGEND

- TEMPORARY EASEMENT
- PERMANENT EASEMENT
- NEW RIGHT OF WAY

- NOTES:**
- EASEMENT AND ROW STATION CALLOUTS ARE TIED TO EXISTING ROUTE K ALIGNMENT.
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 - RIGHT OF WAY LIMITS FOR THIS PROJECT EXTEND FROM ROUTE K STATION 0+00.00 TO STATION 20+20.00 AND ROUTE 25 STA 607+00.00 TO STATION 620+60.00 . A DISTANCE OF 0.64 MILES.
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CUR EX K-1	PI	7+29.58
	PC	2+14.34
	PT	12+38.63
	Δ	15°21'51.7" (RT)
	D	1°30'0.0"
	L	1,024.29' (ARC)
T		515.24'
	R	3,819.72'
CUR PR K-1	PI	8+95.25
	PC	5+50.00
	PT	12+38.63
	Δ	10°19'46.0" (RT)
	D	1°30'0.0"
	L	688.63' (ARC)
T		345.25'
	R	3,819.72'

STATE OF MISSOURI
REGISTERED PROFESSIONAL ENGINEER
LORNE W. JACKSON
NUMBER
PE-2003014985

DATE PREPARED
9/27/2023

ROUTE
25

DISTRICT
SE

STATE
MO

SHEET NO.
RW3

COUNTY
CAPE GIRARDEAU

JOB NO.
J953841

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

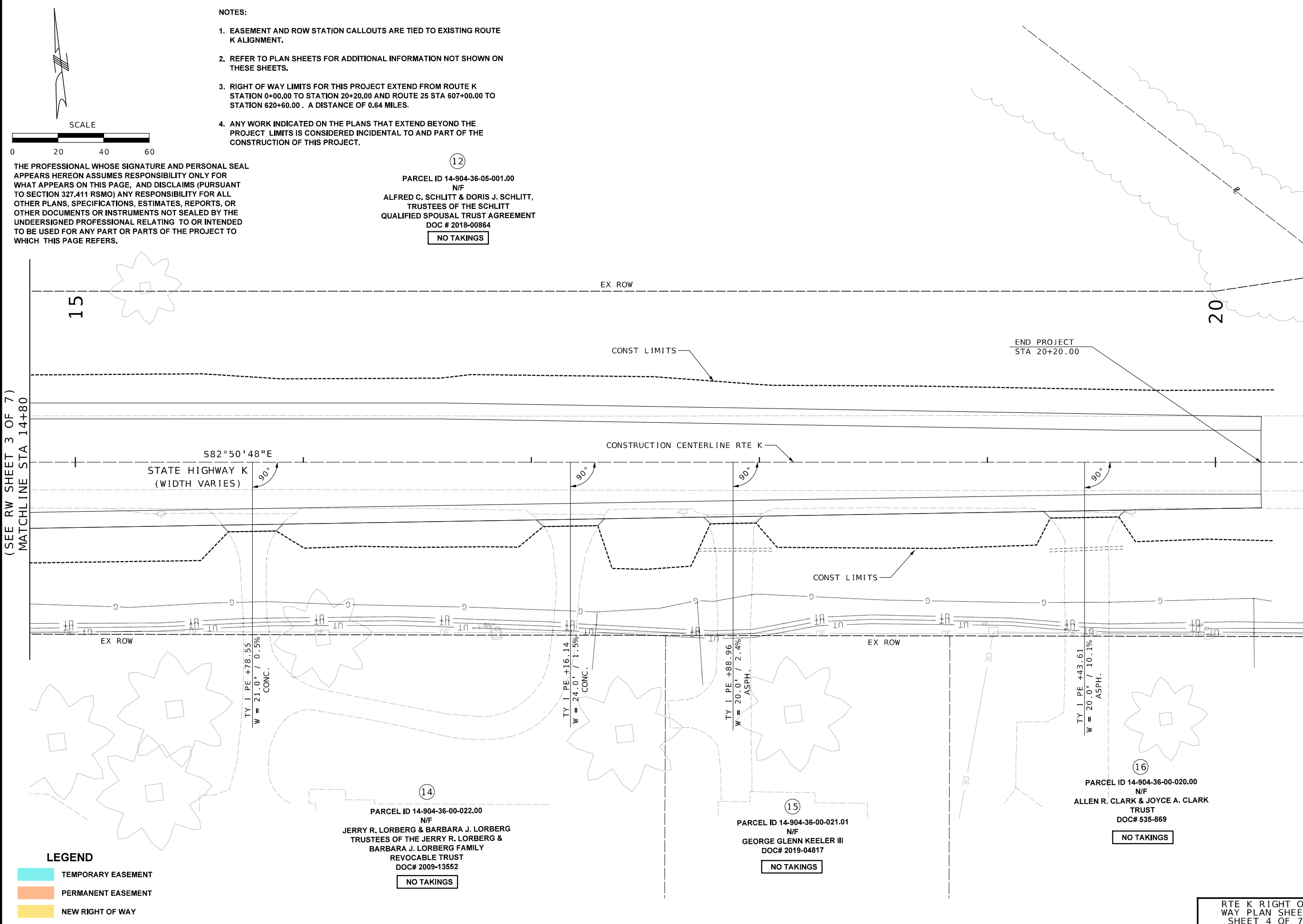
LOCHMUELLER GROUP

411 North 10th Street, Suite 200
St. Louis, MO 63101
Phone: 314.621.3395

RTE K RIGHT OF WAY PLAN SHEET
SHEET 3 OF 7

RW1_RW_J953841.dgn 11:23:29 PM 9/27/2023

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



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12
PARCEL ID 14-904-36-05-001.00
N/F
ALFRED C. SCHLITT & DORIS J. SCHLITT,
TRUSTEES OF THE SCHLITT
QUALIFIED SPOUSAL TRUST AGREEMENT
DOC # 2018-00864
NO TAKINGS

14
PARCEL ID 14-904-36-00-022.00
N/F
JERRY R. LORBERG & BARBARA J. LORBERG
TRUSTEES OF THE JERRY R. LORBERG &
BARBARA J. LORBERG FAMILY
REVOCABLE TRUST
DOC# 2009-13552
NO TAKINGS

15
PARCEL ID 14-904-36-00-021.01
N/F
GEORGE GLENN KEELER III
DOC# 2019-04817
NO TAKINGS

16
PARCEL ID 14-904-36-00-020.00
N/F
ALLEN R. CLARK & JOYCE A. CLARK
TRUST
DOC# 535-869
NO TAKINGS

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

STATE OF MISSOURI
REGISTERED PROFESSIONAL ENGINEER
LORNE W. JACKSON
NUMBER
PE-2003014985

DATE PREPARED
9/27/2023

ROUTE
25

STATE
MO

DISTRICT
SE

SHEET NO.
RW4

COUNTY
CAPE GIRARDEAU

JOB NO.
J953841

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

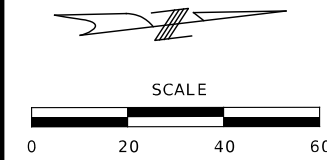
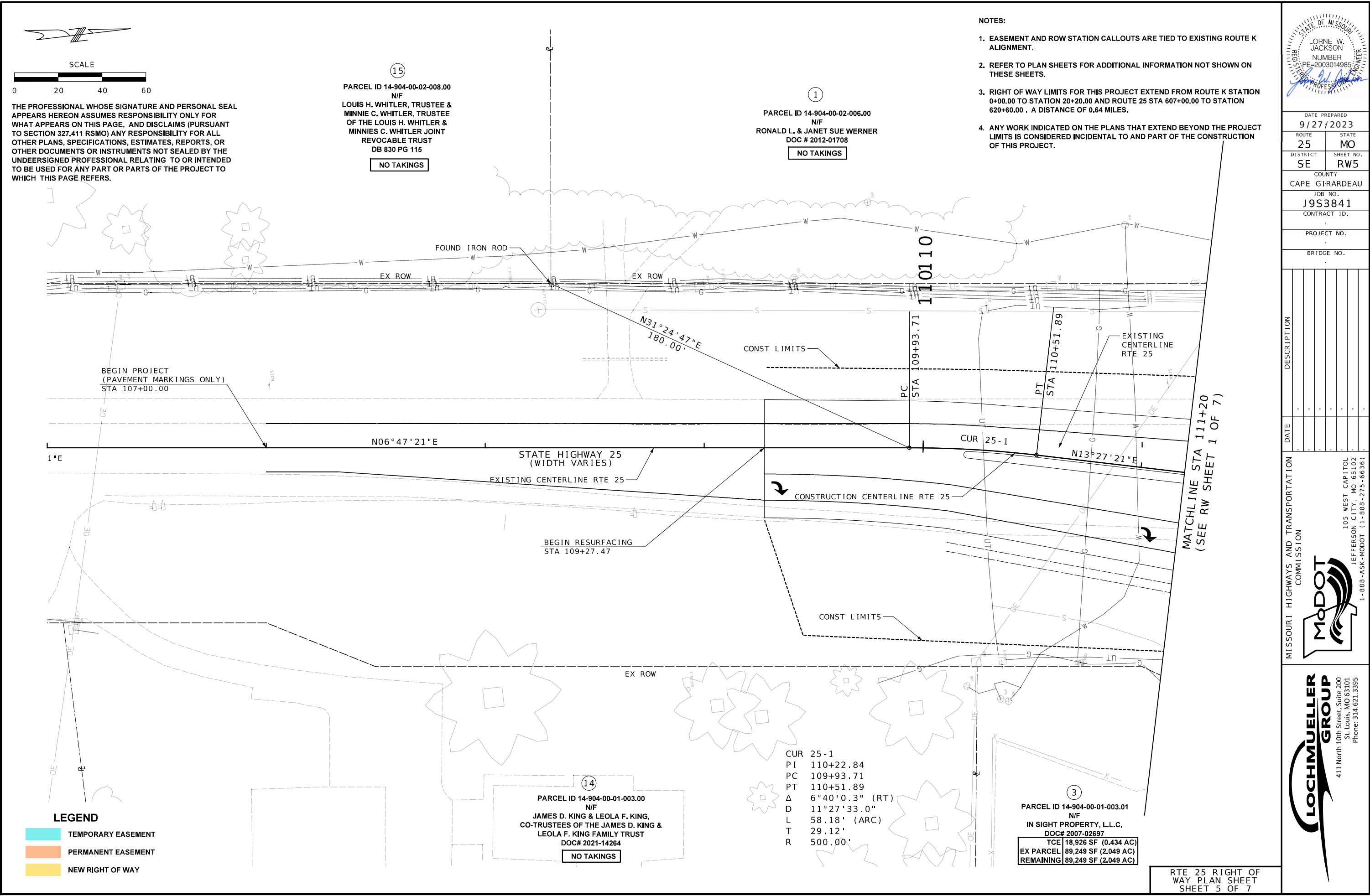
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

411 North 10th Street, Suite 200
St. Louis, MO 63101
Phone: 314.621.3395

RTE K RIGHT OF
WAY PLAN SHEET
SHEET 4 OF 7

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15
PARCEL ID 14-904-00-02-008.00
N/F
LOUIS H. WHITLER, TRUSTEE &
MINNIE C. WHITLER, TRUSTEE
OF THE LOUIS H. WHITLER &
MINNIES C. WHITLER JOINT
REVOCABLE TRUST
DB 830 PG 115
NO TAKINGS

1
PARCEL ID 14-904-00-02-006.00
N/F
RONALD L. & JANET SUE WERNER
DOC # 2012-01708
NO TAKINGS

- NOTES:
1. EASEMENT AND ROW STATION CALLOUTS ARE TIED TO EXISTING ROUTE K ALIGNMENT.
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14
PARCEL ID 14-904-00-01-003.00
N/F
JAMES D. KING & LEOLA F. KING,
CO-TRUSTEES OF THE JAMES D. KING &
LEOLA F. KING FAMILY TRUST
DOC# 2021-14264
NO TAKINGS

CUR 25-1
PI 110+22.84
PC 109+93.71
PT 110+51.89
 Δ 6°40'0.3" (RT)
D 11°27'33.0"
L 58.18' (ARC)
T 29.12'
R 500.00'

3
PARCEL ID 14-904-00-01-003.01
N/F
IN SIGHT PROPERTY, L.L.C.
DOC# 2007-02697
TCE 18,926 SF (0.434 AC)
EX PARCEL 89,249 SF (2.049 AC)
REMAINING 89,249 SF (2.049 AC)

RTE 25 RIGHT OF
WAY PLAN SHEET
SHEET 5 OF 7

STATE OF MISSOURI
REGISTERED PROFESSIONAL ENGINEER
LORNE W. JACKSON
NUMBER
PE-2003014985

DATE PREPARED
9/27/2023

ROUTE
25

DISTRICT
SE

STATE
MO

SHEET NO.
RW5

COUNTY
CAPE GIRARDEAU

JOB NO.
J953841

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

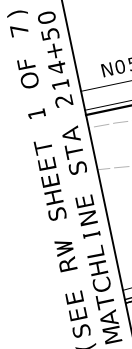
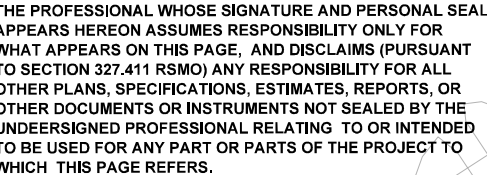
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

LOCHMUELLER GROUP

411 North 10th Street, Suite 200
St. Louis, MO 63101
Phone: 314.621.3395

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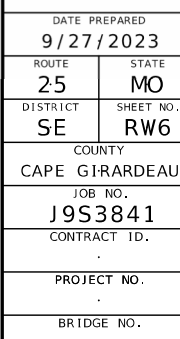
RW1_RW_J953841.dgn 11:23:32 PM 9/27/2023



2
PARCEL ID 14-904-00-01-002.00
N/F
LISA D. SPARKMAN, TRUSTEE OF THE
LISA D. SPARKMAN REVOCABLE TRUST
AGREEMENT
DOC# 2020-03004
NO TAKINGS

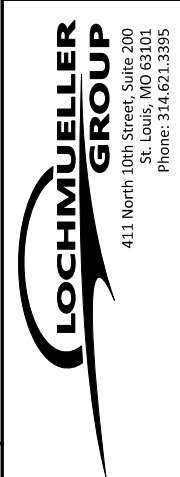
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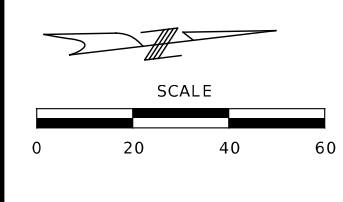
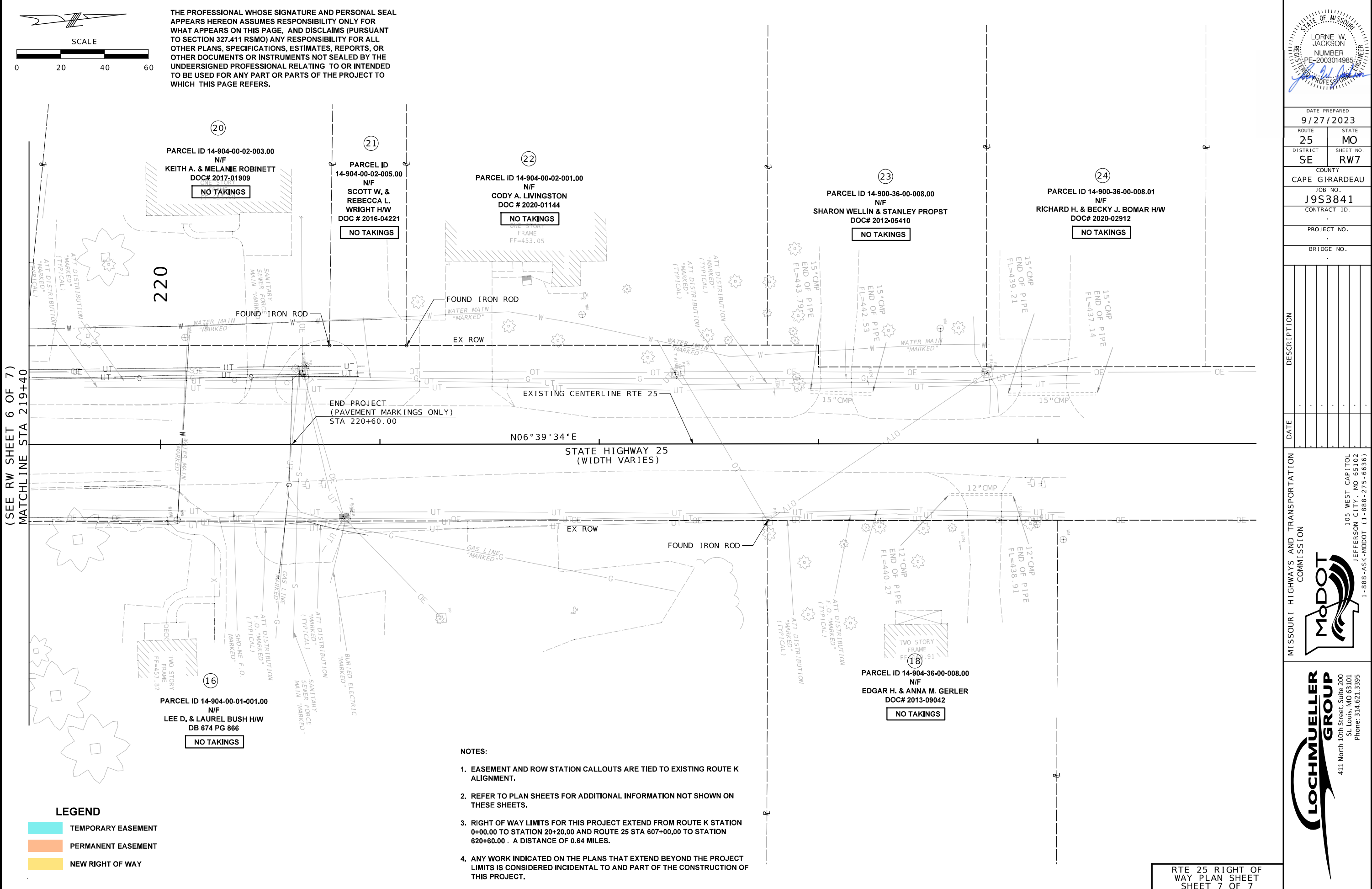
RTE 25 RIGHT OF
WAY PLAN SHEET
SHEET 6 OF 7



MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITAL
JEFFERSON CITY, MO 65102
TEL: 573-751-3000 FAX: 573-751-3001
WWW.MODOT.MO.GOV





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DATE PREPARED 9/27/2023	
ROUTE 25	STATE MO
DISTRICT SE	SHEET NO. RW7
COUNTY CAPE GIRARDEAU	
JOB NO. J9S3841	
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)

LOCHMUELLER GROUP

411 North 10th Street, Suite 200
St. Louis, MO 63101
Phone: 314.621.3395

RTE 25 RIGHT OF WAY PLAN SHEET
SHEET 7 OF 7