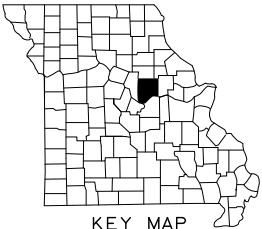


DESIGN DESIGNATION

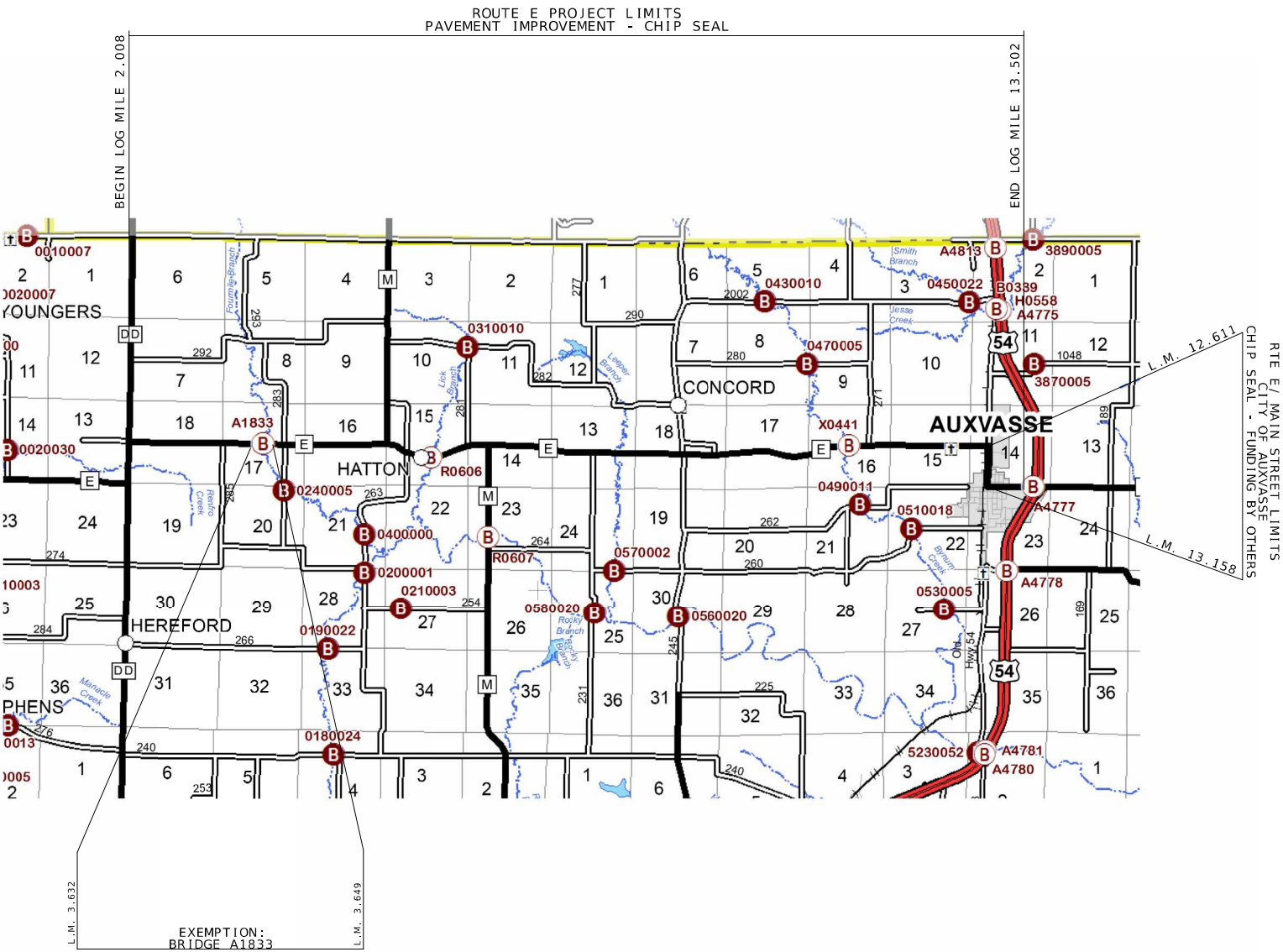
A.A.D.T - 2021 = 874  
V = 55 M.P.H  
TRUCK % = 7.2%  
FUNCTIONAL CLASS = MAJOR COLLECTOR

NO NEW R/W REQUIRED



KEY MAP  
SHOWING LOCATION OF  
CALLAWAY  
COUNTY

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
PLANS FOR PROPOSED STATE HIGHWAY  
CALLAWAY COUNTY  
CENTRAL DISTRICT



NOT TO SCALE

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

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (1 SHEET)	2
QUANTITIES (QU) (2 SHEETS)	3
SPECIAL SHEET (SS) (2 SHEET)	4-5
TRAFFIC CONTROL (TC)	6-10



DATE PREPARED  
7/31/2023

ROUTE E	STATE MO
DISTRICT CD	SHEET NO. 1

COUNTY  
CALLAWAY

JOB NO.  
JCD0025

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

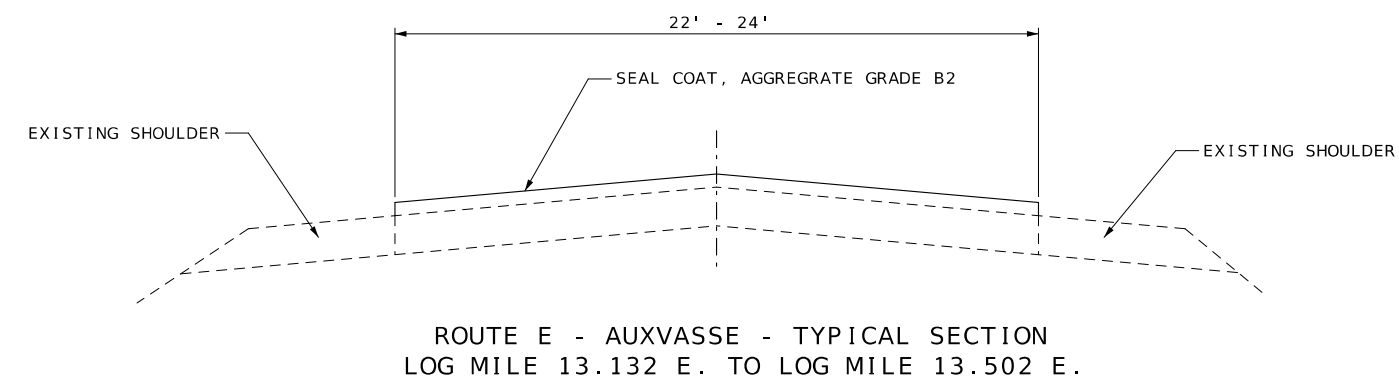
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

LENGTH OF PROJECT

BEGINNING OF PROJECT	LOG MILES 2.008
END OF PROJECT	LOG MILES 13.502
APPARENT LENGTH	11.494 MILES
EQUATIONS AND EXCEPTIONS:	-0.017 MILES
BRIDGE A1833	LOG MILE 3.632
	LOG MILE 3.649
	-0.017 MILES
CITY OF AUXVASSE	LOG MILE 12.611
	LOG MILE 13.158
	0.547 MILES
TOTAL CORRECTIONS	-0.017 MILES
NET LENGTH OF PROJECT	60,598.56 FEET
STATE LENGTH	10.930 MILES
NON-STATE LENGTH	0.547 MILES
ESTIMATED DISTURBED ACRES	0 ACRES
FOR INFORMATION ONLY	

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



CONSTRUCTION SIGNING						
SIGN NO.	SIGN	SIZE (in.)	AREA (ft.²)	QTY.	TOTAL AREA (ft.²)	DESCRIPTION
② **	WO20-1	48 x 48	16.00	24	384	ROAD WORK AHEAD
⑦	WO20-4	48 x 48	16.00	4	64	ONE LANE ROAD AHEAD
⑧	WO20-7a	48 x 48	16.00	24	384	FLAGGER (SYMBOL) WITH FLAGS
① *	GO20-1	60 x 24	10.00	2	20	ROAD WORK NEXT 12 MILES
②⑥	GO20-2	48 x 24	8.00	2	16	END ROAD WORK
③⑤	WO8-12	48 x 48	16.00	17	272	NO CENTER LINE
⑤③	GO20-4	36 x 18	4.5	4	18	PILOT CAR FOLLOW ME
⑤⑦	WO8-7a	36 x 36	9.00	24	216	FRESH OIL LOOSE GRAVEL ***
⑤⑧	G020-4a	42 x 30	8.75	20	175	PILOT CAR IN USE WAIT & FOLLOW
⑤⑧	G020-4a	18 x 12	1.50	20	-	PILOT CAR IN USE WAIT & FOLLOW
①①	W03-4	48 x 48	16.00	20	320	BE PREPARED TO STOP
⑤⑨	CONST-8	48 x 36	12.00	2	24	WORK ZONE NO PHONE ZONE
⑤⑥	CONST-7	48 x 24	8.00	2	16	RATE OUR WORK ZONE
	CONST-5	96 X 48	32.00	2	64	POINT OF PRESENCE
	GO22-1	21 x 15	2.19	4	8.76	WET PAINT (ARROW PIVOTS)
616-10.05 CONSTRUCTION SIGNS TOTAL					1,981.76	

- \* IF LESS THAN TWO (2) MILES, DELETE SIGN NO. 1.
- \*\* ADDITIONAL SIGN NO. 2 USED AS SHOWN ON TRAFFIC CONTROL SHEET 4 OF 5 AND AS DIRECTED BY ENGINEER.
- \*\*\* FRESH OIL/LOOSE GRAVEL SIGN SHALL BE PLACED AT THE START OF THE PROJECT. SIGNS SHOULD ALSO BE INSTALLED WITHIN 150 FT. AFTER THE INTERSECTION OF A STATE ROUTE. ADDITION SIGNS MAY BE INSTALLED WITHIN 150 FT. AFTER OTHER INTERSECTIONS, AS DIRECTED BY ENGINEER.

NOTE:

REFER TO STANDARD PLAN 616.10 AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.

ITEM NO.	QTY.	DESCRIPTION
616-10.25	50	CHANNELIZERS (TRIM-LINE)
612-30.00A	2	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)
616-10.98A	2	CHANGEABLE MESSAGE SIGN
616.10.40	2	FLASHING ARROW PANEL

PREFORMED THERMOPLASTIC PAVEMENT MARKING		
LOG MILE	30" WHITE MIDBLOCK EACH	DESCRIPTION
13.366	4	PEDESTRIAN CROSSING
TOTAL	4	
USE	4	

MOBILIZATION
TOTAL = 1 LUMP SUM

CHIP SEAL							
LOG MILE	LOG MILE	LOCATION	NET LENGTH (MILES)	AVERAGE WIDTH (FEET)	SEAL COAT AGGREGATE, GRADE B2 (S.Y.)	EMULSIFIED ASPHALT, SEAL COAT 0.28 GAL/S.Y. (GALLONS)	REMARKS
2.008	3.632	RTE E	1.624	21	20,008	5,602	ROUTE E MAINLINE
3.632	3.649	RTE E	0.017	26	-	-	BRIDGE A1833 IS EXEMPT
3.650	12.611	RTE E	8.961	21	110,400	30,912	ROUTE E MAINLINE TO AUXVASSE
13.158	13.502	RTE E	0.344	20	4,036	1,130	ROUTE E/ E HARRISON ST TO CONCRETE
				MODOT SUBTOTAL	134,444	37,644	

CHIP SEAL							
LOG MILE	LOG MILE	LOCATION	NET LENGTH (MILES)	AVERAGE WIDTH (FEET)	SEAL COAT AGGREGATE, GRADE B2 (S.Y.)	EMULSIFIED ASPHALT, SEAL COAT 0.28 GAL/S.Y. (GALLONS)	REMARKS
12.611	13.158	RTE E	0.547	24	7,307	2,046	ROUTE E/ OLD US HWY 54
				AUXVASSE SUBTOTAL	7,307	2,046	

STATE OF MISSOURI

MARIA K. PETERS

NUMBER

PE-2000162118

PROFESSIONAL ENGINEER

*Maria Peters*

07/31/2023 2:08:02 PM

MARIA K. PETERS - CIVIL

MO-PE-2000162118

DATE PREPARED

7/31/2023

ROUTE

E

STATE

MO

DISTRICT

CD

SHEET NO.

3

COUNTY

CALLAWAY

JOB NO.

JCD0025

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MODOT

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

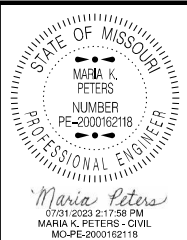
1-888-ASK-MODOT (1-888-275-6636)

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

HIGH BUILD WATERBORNE PAVEMENT MARKING, TYPE P BEADS						
APPROX. LOG MILE	APPROX. LOG MILE	LENGTH FT	4" INT YELLOW LF	4" SOLID YELLOW LF	4" SOLID WHITE LF	REMARKS
2.008	2.241	1230.240		2460.48	2460.48	NO PASSING - BEGIN PROJECT
2.241	2.341	528.000	132	528.00	1056	WB PASSING
2.341	2.361	105.600		211.20	211.2	NO PASSING
2.361	2.500	733.920	183.48	733.92	1467.84	EB PASSING
2.500	2.940	2323.200	580.8		4646.4	PASSING
2.940	3.020	422.400	105.6	422.4	844.8	WB PASSING
3.020	3.160	739.200	184.8		1478.4	PASSING
3.160	3.440	1478.400	369.6	1478.4	2956.8	WB PASSING - EB PASSING
3.440	3.639	1050.720	262.68		2101.44	PASSING
3.639	3.779	739.200	184.8		1478.4	BRIDGE - 3.659
3.779	4.079	1584.000	396	1584	3168	WB PASSING - EB PASSING
4.079	4.118	205.920	51.48		411.84	PASSING
4.118	4.238	633.600	158.4	633.6	1267.2	WB PASSING
4.238	6.597	12455.520		24911.04	24911.04	NO PASSING
6.597	6.716	628.320	157.08	628.32	1256.64	EB PASSING
6.716	6.976	1372.800		2745.6	2745.6	NO PASSING
6.976	7.156	950.400	237.6	950.4	1900.8	WB PASSING
7.156	7.535	2001.120		4002.24	4002.24	NO PASSING
7.535	7.655	633.600	158.4	633.6	1267.2	EB PASSING
7.655	7.755	528.000	132		1056	PASSING
7.755	8.055	1584.000	396	1584	3168	WB PASSING - EB PASSING
8.055	8.294	1261.920	315.48		2583.84	PASSING
8.294	8.454	844.800	211.2	844.8	1689.6	WB PASSING
8.454	8.554	528.000		1056	1056	NO PASSING
8.554	8.674	633.600	158.4	633.6	1267.2	EB PASSING
8.674	8.813	733.920		733.92	1467.84	NO PASSING
8.813	8.974	850.080	212.52	850.08	1700.16	EB PASSING
8.974	9.054	422.400	105.6		844.8	PASSING
9.054	9.353	1578.720	394.68	1568.72	3137.44	WB PASSING - EB PASSING
9.353	9.614	1378.080	344.52		2756.16	PASSING
9.614	10.013	2106.720	526.68	2106.72	4213.44	WB PASSING - EB PASSING
10.013	10.033	105.600	26.4		211.2	PASSING
10.033	10.152	628.320	157.08	628.32	1256.64	WB PASSING
10.152	10.733	3067.680		6135.36	6135.36	NO PASSING
10.733	10.853	633.600	158.4	633.6	1267.2	EB PASSING
10.853	11.292	2317.920	579.48		4635.84	PASSING
11.292	11.431	733.920	183.48	733.92	1467.84	WB PASSING
11.431	11.591	844.800		1689.6	1689.6	NO PASSING
11.591	11.682	480.480	120.12	480.48	960.96	EB PASSING
11.682	11.792	580.800	145.2		1161.6	PASSING
11.792	12.092	1584.000	396	1584	3168	WB PASSING - EB PASSING
12.092	12.311	1156.320	289.08		2312.64	PASSING
12.311	12.411	528.000	132	528	1056	WB PASSING
12.411	12.611	1056.000		2112	2112	NO PASSING - TURN INTO AUXVASSE/MAIN ST.
12.611	13.077	2460.480	615.12		4920.96	PASSING
13.077	13.117	211.200		422.4	422.4	NO PASSING
13.140	13.178	200.640		401.28	401.28	NO PASSING - TURN INTO HARRISON ST/RTE E
13.178	13.502	1710.720	427.68		3421.22	PASSING - END PROJECT
		SUBTOTAL	9189.84	66650.00	121173.54	
		TOTAL	75839.84		121173.54	
		USE	75840		121174	

GUARDRAIL (MIDWEST GUARDRAIL SYSTEM - MASH APPROVED)							
LOG MILE	LOG MILE	LOCATION	MGS BRIDGE APPROACH TRANSITION (NO CURB) EA.	MGS GUARDRAIL (LF)	TYPE A CRASHWORTHY END TERMINAL (MASH) EA.	SHAPING SLOPES CLASS III 100 FT.	REMARKS
3.615	3.632	RTE. E	1		1	1.2	BRIDGE A1833 - NW CORNER
3.61	3.625	RTE. E	1	25	1	1.4	BRIDGE A1833 - SW CORNER
3.649	3.671	RTE. E	1	25	1	1.4	BRIDGE A1833 - NE CORNER
3.649	3.666	RTE. E	1		1	1.2	BRIDGE A1833 - SE CORNER
		TOTALS	4	50	4	5.2	
		USE	4	50	4	6	

REMOVAL OF IMPROVEMENTS			
LOG MILE	LOCATION	OBJECT MARKERS EACH	REMARKS
3.632	RTE. E	6	BRIDGE A1833 - WEST END MARKERS
3.649	RTE. E	6	BRIDGE A1833 - EAST END MARKERS
		1 LUMP	SUM



DATE PREPARED 7/31/2023	
ROUTE E	STATE MO
DISTRICT CD	SHEET NO. 3
COUNTY CALLAWAY	
JOB NO. JCD0025	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

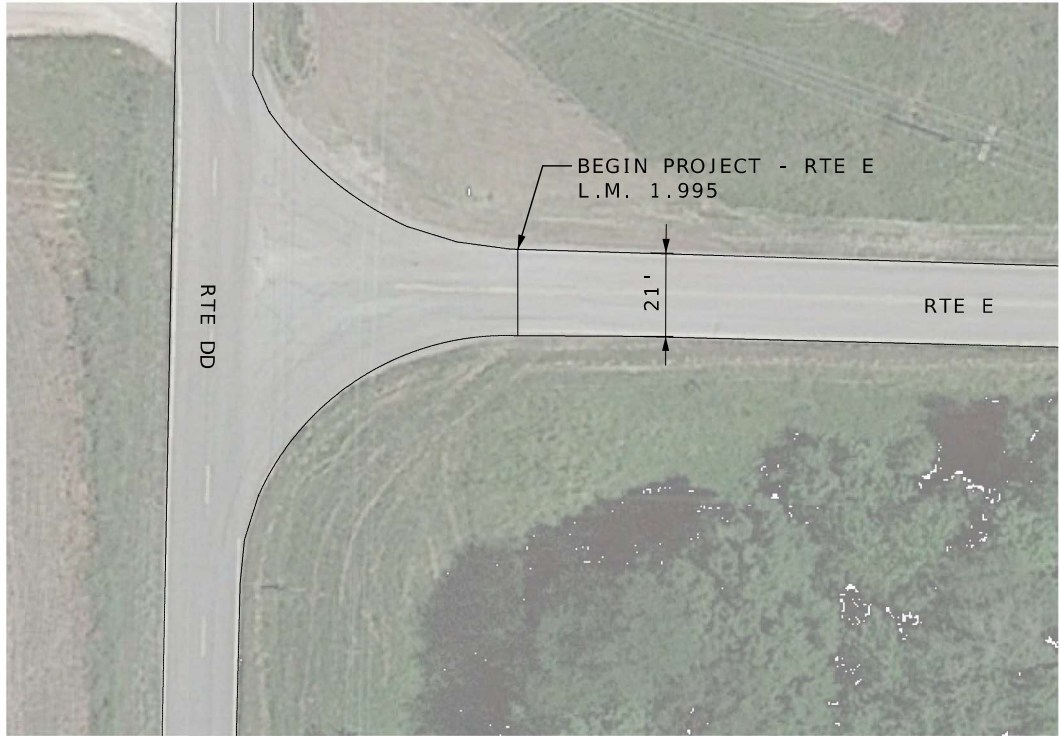
DESCRIPTION	DATE					

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

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

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

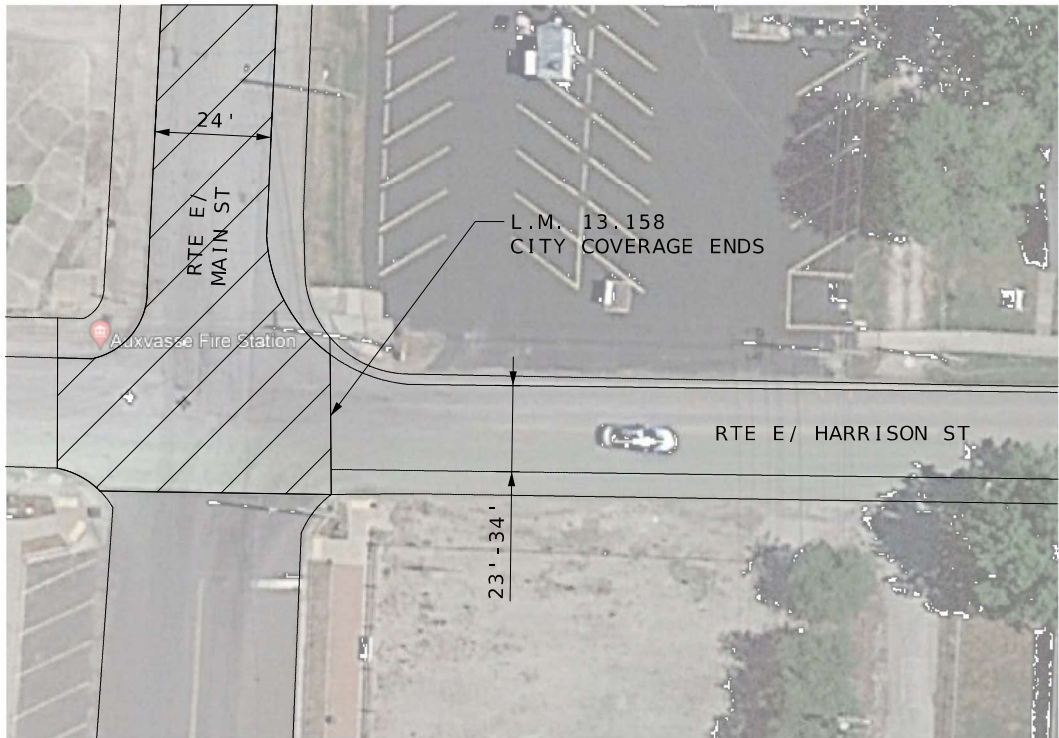




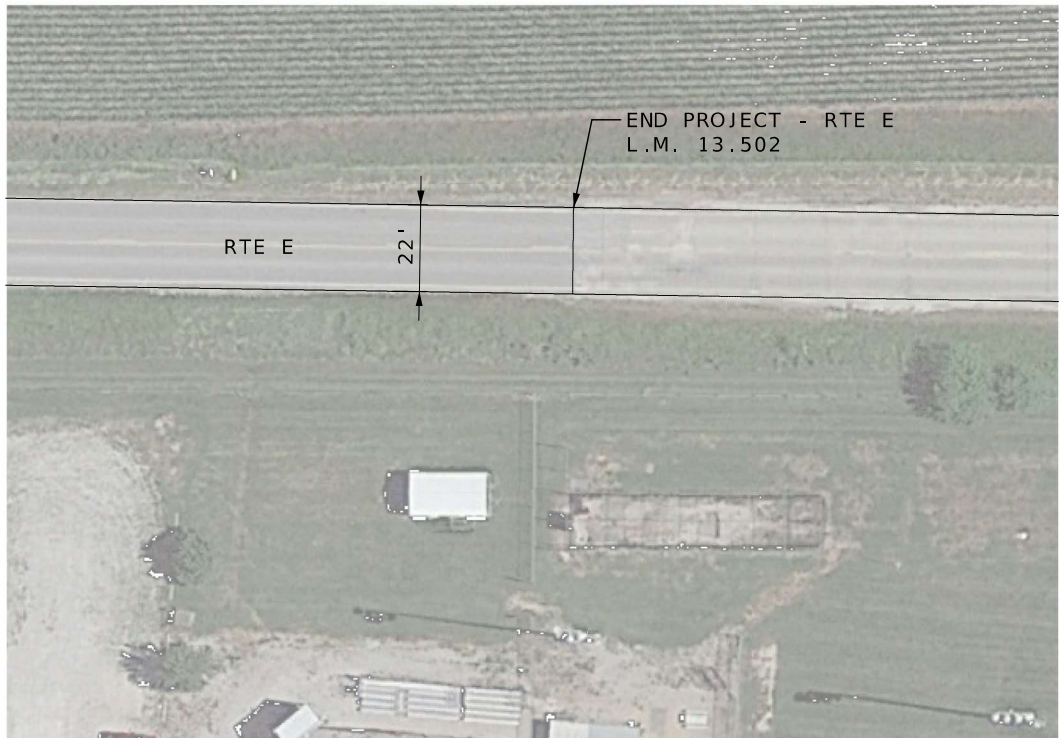
BEGIN PROJECT - RTE E  
L.M. 1.995



AUXVASSE - RTE E  
L.M. 12.592 - L.M. 12.65

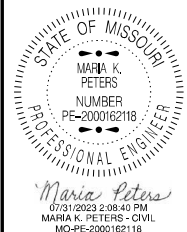


AUXVASSE - RTE E  
L.M. 13.088 - L.M. 13.171



END PROJECT - RTE E  
L.M. 13.502

NOT TO SCALE



DATE PREPARED 7/31/2023	
ROUTE E	STATE MO
DISTRICT CD	SHEET NO. 4
COUNTY CALLAWAY	
JOB NO. JCD0025	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

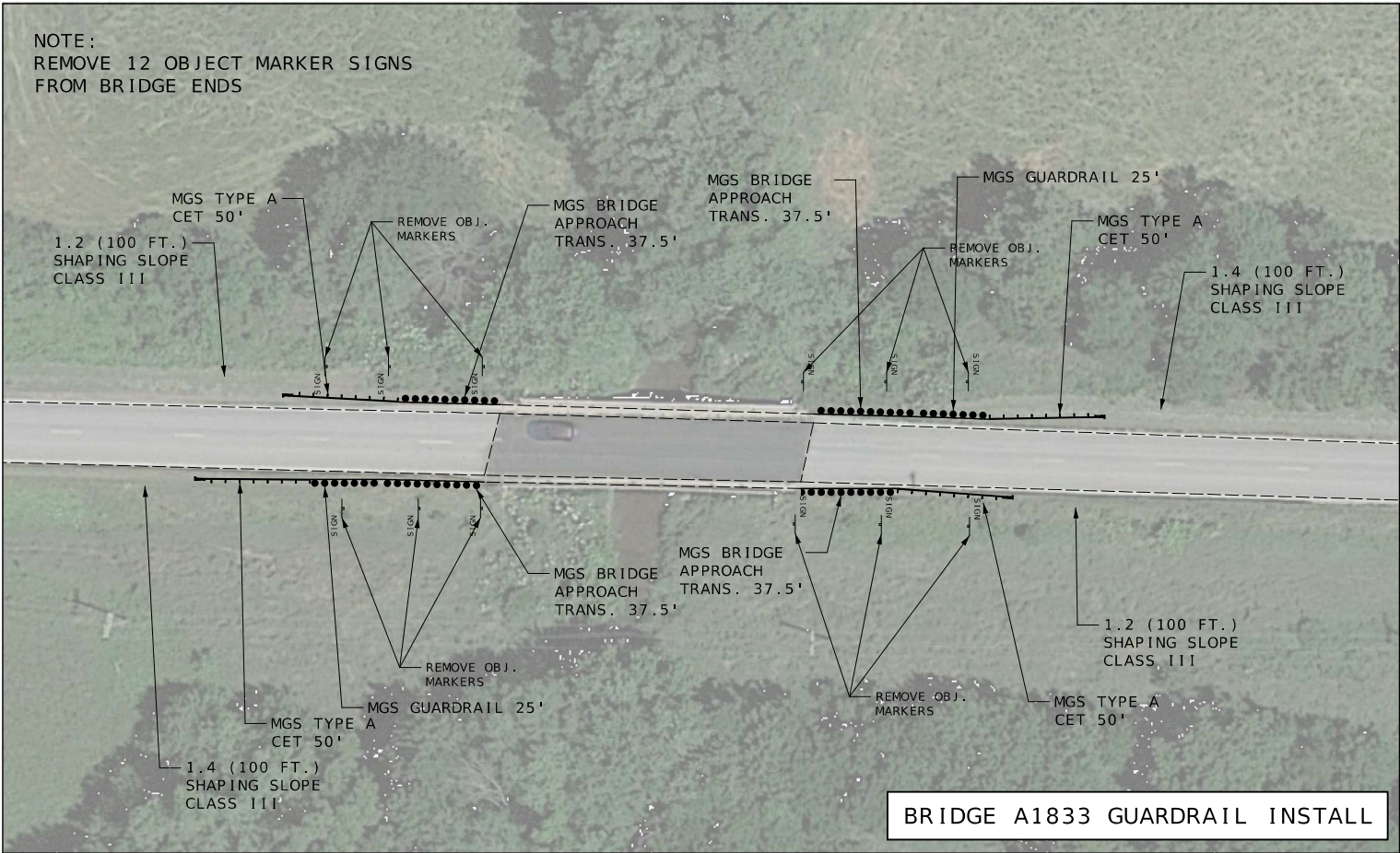
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

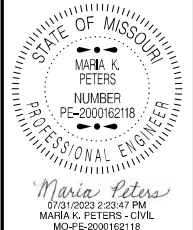
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

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





NOT TO SCALE



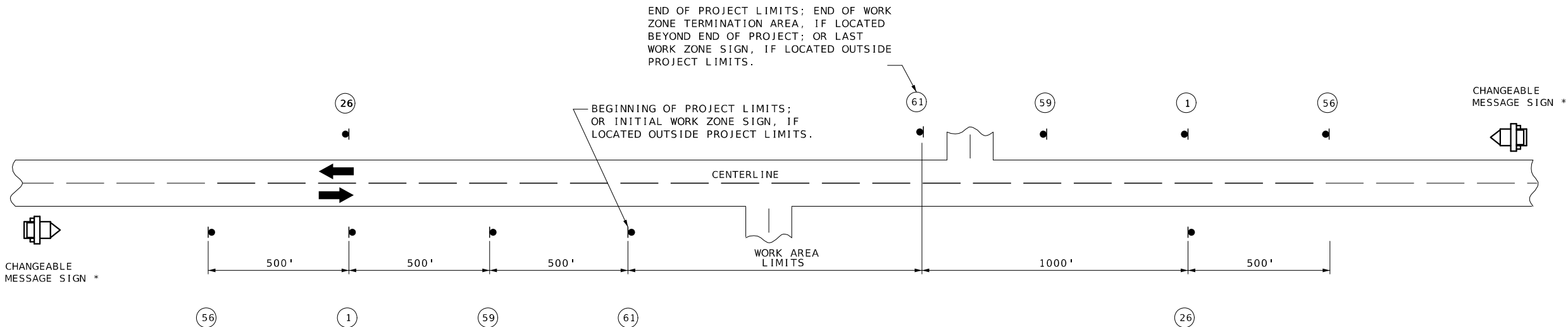
DATE PREPARED 7/31/2023	
ROUTE E	STATE MO
DISTRICT CD	SHEET NO. 5
COUNTY CALLAWAY	
JOB NO. JCD0025	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

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

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



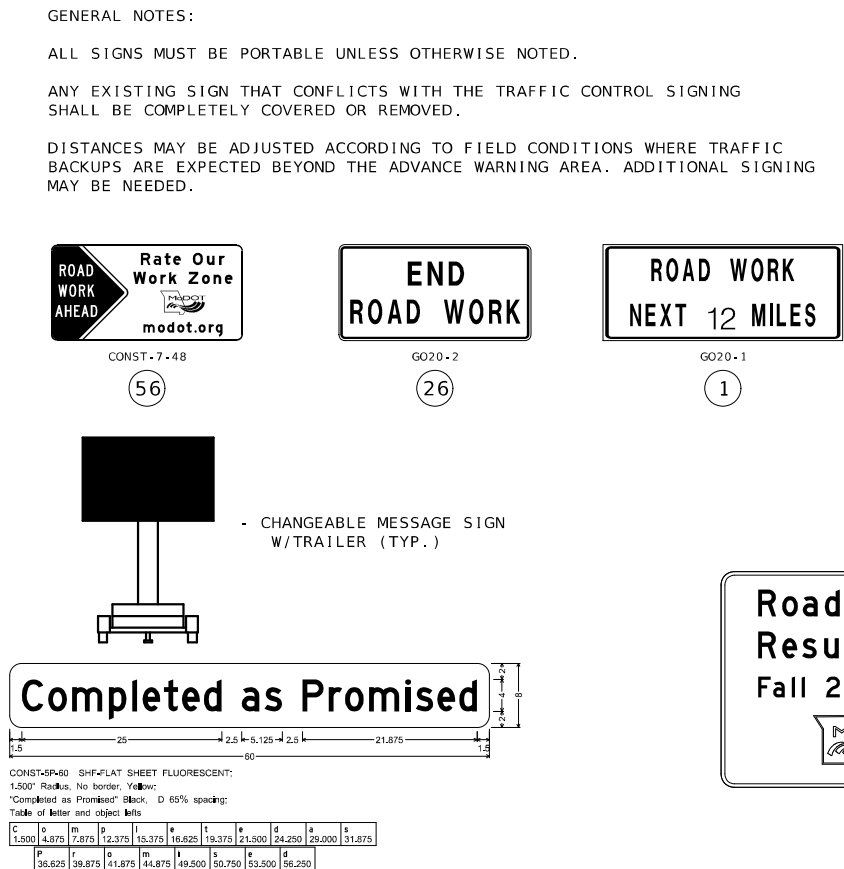
NOTES:

SIGN 1 AND 26 ARE ONLY USED ON PROJECT LENGTHS 2 MILES OR GREATER.

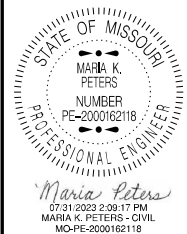
PROVIDE SIGNS IN EACH DIRECTION ON TWO-WAY HIGHWAY.

DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.

\* CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED ACCORDING TO STANDARD PLAN 616.10. LOCATIONS AND MESSAGES PROVIDED BY THE ENGINEER.



TRAFFIC CONTROL SHEET 1 OF 5



DATE PREPARED  
7/31/2023

ROUTE  
E

STATE  
MO

DISTRICT  
CD

SHEET NO.  
6

COUNTY  
CALLAWAY

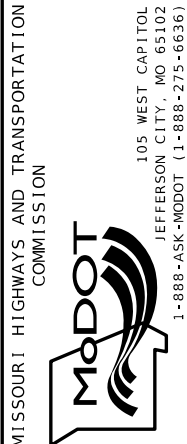
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JCD0025

CONTRACT ID.

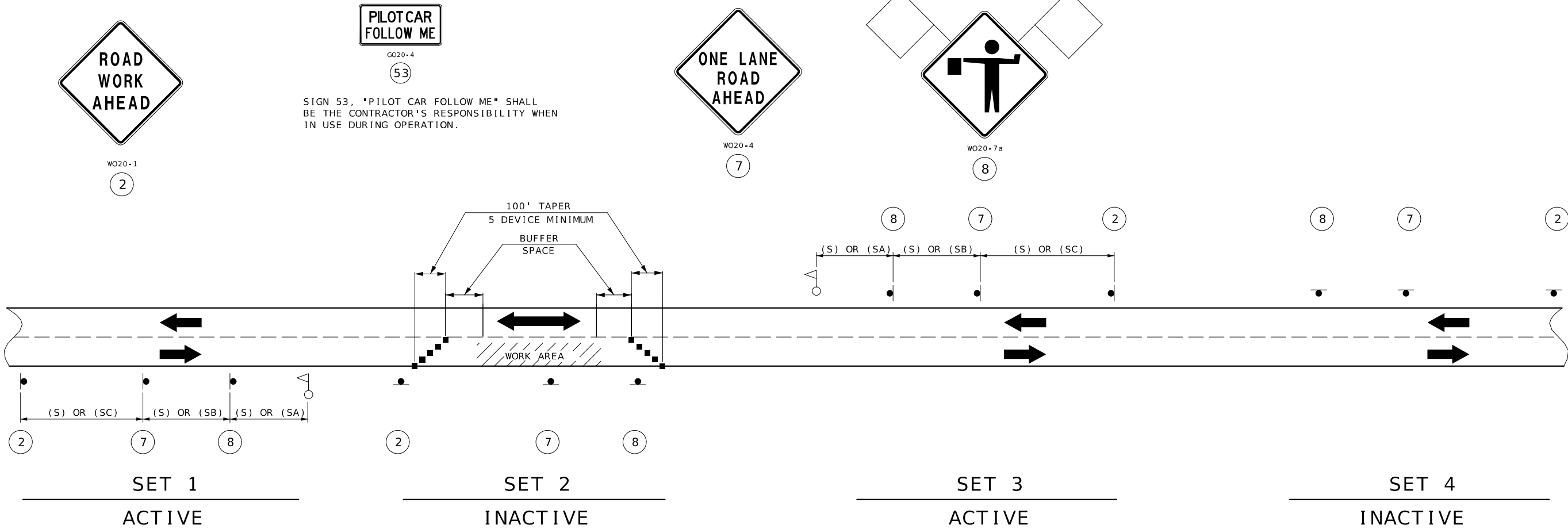
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE



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



SIGN SETS 1 AND 3 ARE ACTIVE AND (I.E., SIGNS FACE ONCOMING TRAFFIC).

SIGN SETS 2 AND 4 ARE INACTIVE (I.E., SIGNS DO NOT FACE EITHER DIRECTION OF TRAFFIC) WHEN THE RESURFACING OPERATION IS LOCATED BETWEEN SIGN SETS 1 AND 3.

WHEN SIGN SETS 2 AND 4 ARE ACTIVE, SIGN SETS 1 AND 3 BECOME INACTIVE AND ARE ADVANCED TO BECOME SETS 2 AND 4 WITH SIGN LEGENDS TURNED AWAY FROM BOTH DIRECTIONS OF TRAFFIC. WHEN THE RESURFACING OPERATION ADVANCES TO BETWEEN SIGN SETS 2 AND 4, SIGN SETS 2 AND 4 BECOME ACTIVE (I.E., NEW SIGN SETS 1 AND 3) AND SIGN SETS 1 AND 3 ADVANCED IN THE DIRECTION OF THE OPERATION (I.E., NEW SIGN SETS 2 AND 4).

- - CHANNELIZERS
- - FLAGGER

NOTES:

DAYLIGHT FLAGGING OPERATIONS ONLY.

CHANNELIZING DEVICES LOCATED DOWNSTREAM OF THE ONE-LANE, TWO-WAY TAPER ARE OPTIONAL. THESE DEVICES SHOULD BE ELIMINATED WHEN THEIR USE WILL REDUCE THE USABLE LANE WIDTH, INCLUDING ANY ACCEPTABLE SHOULDERS, TO LESS THAN 10' OR WILL SIGNIFICANTLY AFFECT THE RESURFACING OPERATION.

SPEED	SIGN SPACING (FT.)	
	(1)	
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)
0-35	200	200
40-45	350	500
50-55	500	1000
60-70	1000	(SA) -1000 (SB) -1500 (SC) -2640

PERMANENT POSTED SPEED LIMIT (MPH)	BUFFER SPACE LENGTH (FT)
0 - 35	280
40 - 45	400
50 - 55	560
60 - 70	840

NOTES:

(1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION.

SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

STATE OF MISSOURI  
MARIA K. PETERS  
NUMBER  
PE-2000162118  
PROFESSIONAL ENGINEER

*Maria Peters*  
07/31/2023 2:09:48 PM  
MARIA K. PETERS-CIVIL  
MO-PE-2000162118

DATE PREPARED  
7/31/2023

ROUTE  
E

STATE  
MO

DISTRICT  
CD

SHEET NO.  
7

COUNTY  
CALLAWAY

JOB NO.  
JCD0025

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

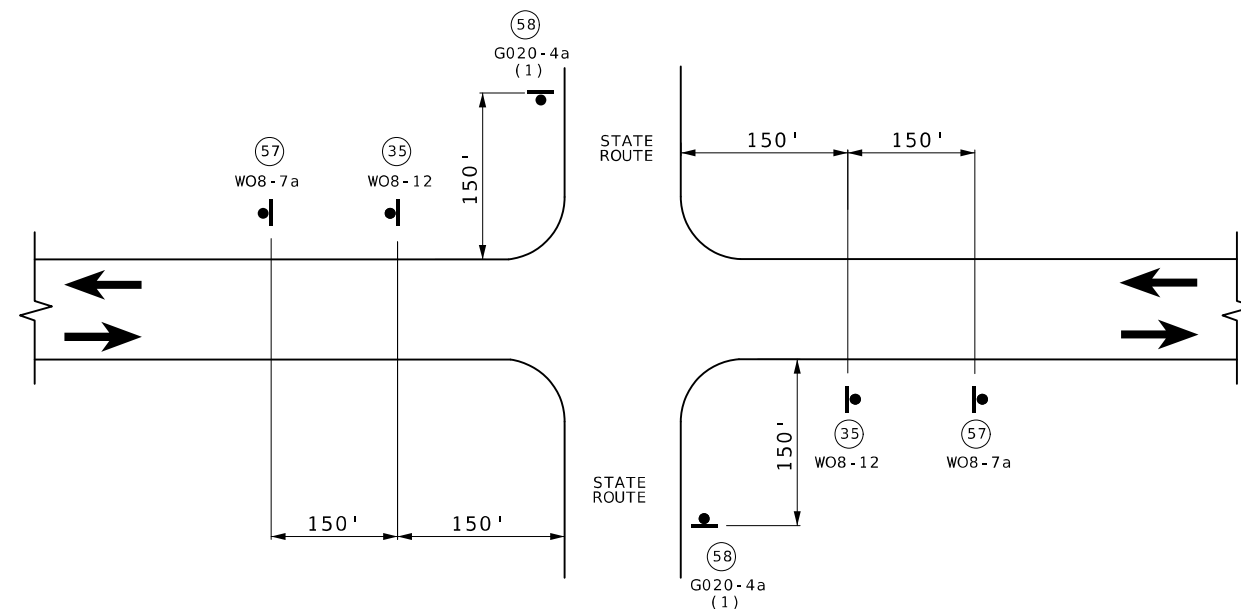
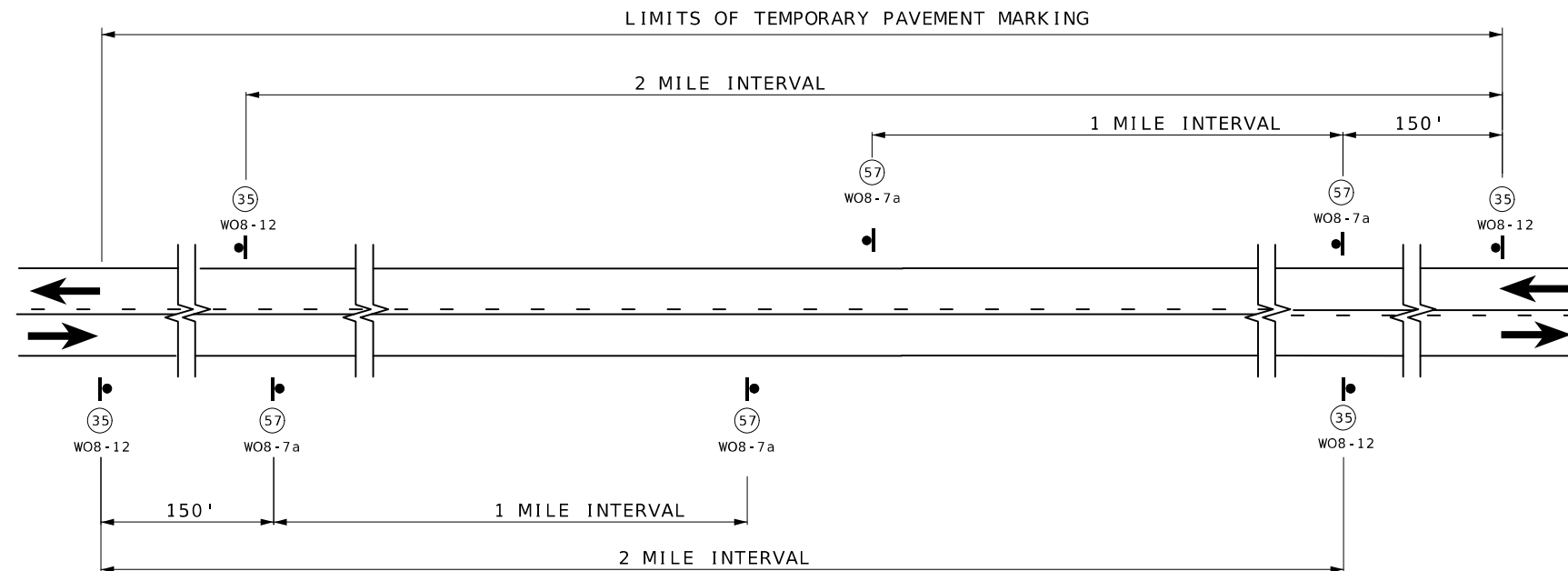
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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







(1) ADDITIONAL SIDEROADS MAY BE SIGNED AS APPROVED BY THE ENGINEER.



NOTES:

SIGN (35) AND TEMPORARY RAISED PAVEMENT MARKING (SEE STANDARD PLAN 620.10) INSTALLED WHERE CENTERLINE STRIPING HAS BEEN COVERED OR REMOVED. SIGNS ARE TO REMAIN IN PLACE UNTIL THE PERMANENT CENTERLINE PAVEMENT MARKINGS ARE IN PLACE. SIGNS SHALL BE COVERED OR REMOVED WHEN PAVEMENT CENTERLINE MARKING HAS BEEN INSTALLED.

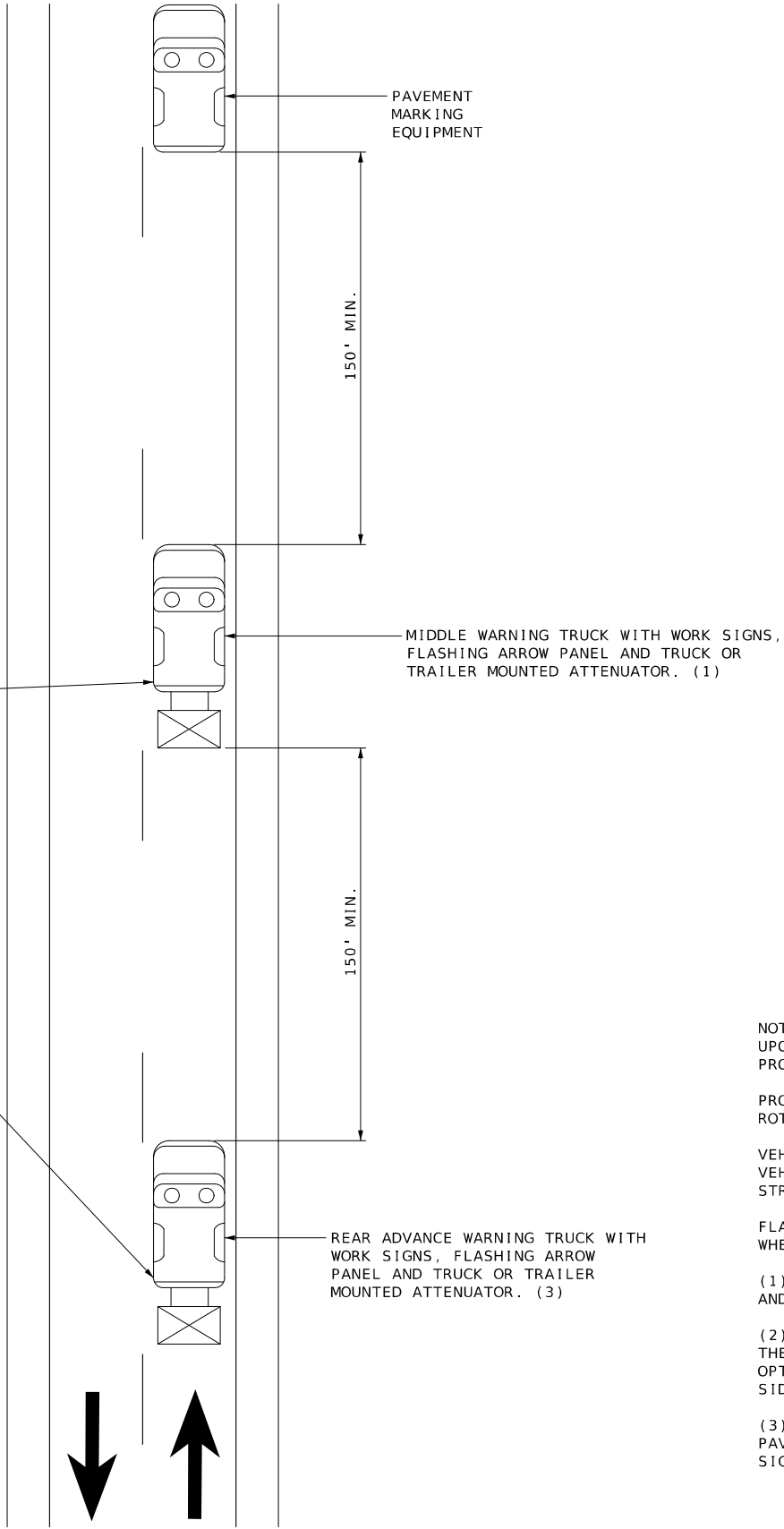
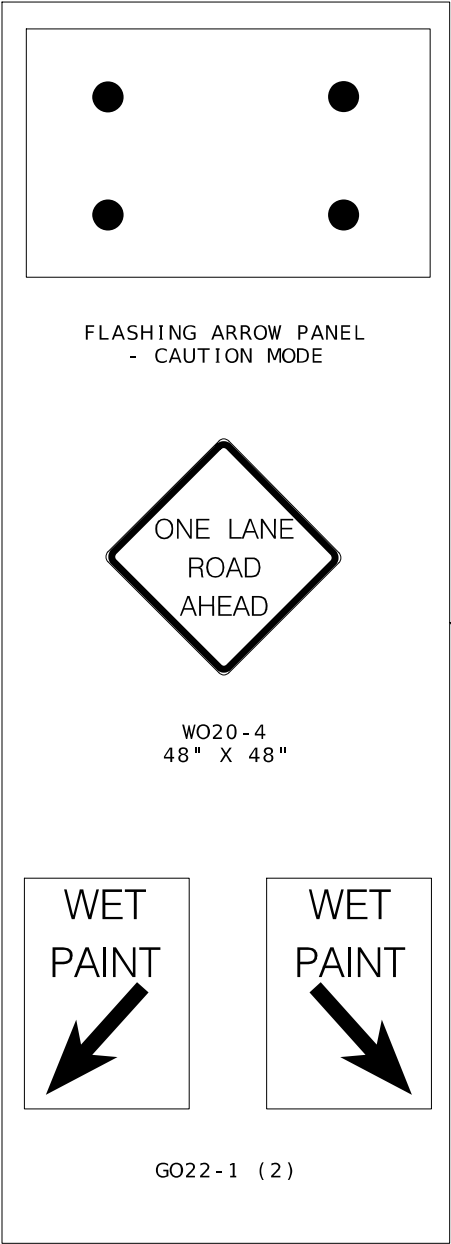
SIGN (35) IS PLACED AT APPROXIMATELY TWO-MILE INTERVALS AND AT STATE ROUTE JUNCTIONS. WHEN THE INSTALLATION AT A JUNCTION IS WITHIN ONE-EIGHTH MILE OF THE NORMAL MAINLINE SIGN (35), THE LATTER MAY BE ELIMINATED.

ALL SIGNS SHALL BE POST MOUNTED AND IN ACCORDANCE WITH  
STANDARD PLAN 616.10 AND 903.03.

NOT TO SCALE

TRAFFIC CONTROL  
SHEET 4 OF 5

STATE OF MISSOURI MARIA K. PETERS NUMBER PE-2000162118 PROFESSIONAL ENGINEER	
DATE PREPARED <b>7/31/2023</b>	
ROUTE <b>E</b>	STATE <b>MO</b>
DISTRICT <b>CD</b>	SHEET NO. <b>9</b>
COUNTY <b>CALLAWAY</b>	
JOB NO. <b>JCD0025</b>	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
DESCRIPTION	DATE
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION	
MODOT	
105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)	



NOTES:

UPON APPROVAL OF THE ENGINEER, THE CONTRACTOR MAY PROVIDE ADDITIONAL PROTECTIVE TRUCK EQUIPPED WITH PROPER WARNING DEVICES.

PROTECTIVE TRUCK AND WORK VEHICLES SHALL DISPLAY HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

FLASHING ARROW PANELS SHALL BE INCIDENTAL TO TRUCK MOUNTED ATTENUATORS, WHEREVER USED. NO ADDITIONAL PAYMENT SHALL BE MADE.

(1) TRUCK IS OPTIONAL ON TWO-LANE UNDIVIDED HIGHWAYS IF SIGNING AND ARROW BOARD IS MOUNTED ON THE PAVEMENT MARKING EQUIPMENT.

(2) WET PAINT SIGNS ARE INSTALLED TO INDICATE THE SIDE IN WHICH THE PAVEMENT MARKING MATERIAL IS BEING APPLIED. AT THE CONTRACTOR'S OPTION, A FRONT FACING WET PAINT SIGN MAY BE INSTALLED ON THE LEFT SIDE OF THE PAVEMENT MARKING EQUIPMENT.

(3) REAR ADVANCE WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL, OR VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE, OR SPACING SHOWN.

STATE OF MISSOURI

MARIA K. PETERS

NUMBER  
PE-2000162118

PROFESSIONAL ENGINEER

Maria Peters

07/31/2023 2:11:30 PM

MARIA K. PETERS - CIVIL

MO-PE-2000162118

DATE PREPARED

7/31/2023

ROUTE

E

DISTRICT

CD

STATE

MO

SHEET NO.

10

COUNTY

CALLAWAY

JOB NO.

JCD0025

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

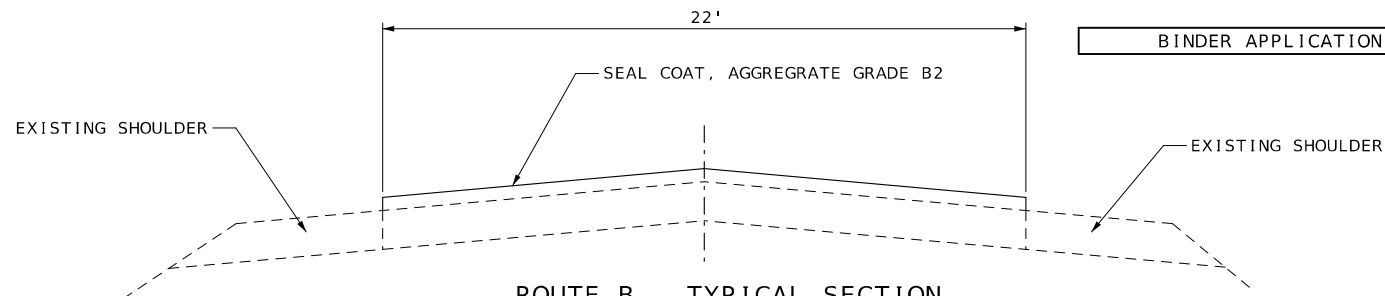
JEFFERSON CITY, MO 65102

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

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

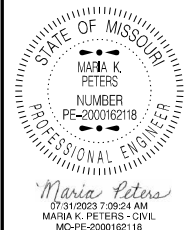






BINDER APPLICATION RATE	0.28 GAL/YD <sup>2</sup>
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ROUTE B - TYPICAL SECTION  
LOG MILE 0.257 E. TO LOG MILE 21.696 E.  
EXEMPTION: BRIDGE A0548 L.M. 3.183 E. TO L.M. 3.202 E.  
EXEMPTION: BRIDGE T0561 L.M. 13.643 E. TO L.M. 13.673 E.  
EXEMPTION: BRIDGE A4399 L.M. 16.322 E. TO L.M. 16.353 E.  
EXEMPTION: RAILROAD CROSLING L.M. 21.676 E. TO L.M. 21.681 E.



DATE PREPARED  
7/27/2023

ROUTE B	STATE MO
DISTRICT CD	SHEET NO. 2

COUNTY  
CALLAWAY / MONTGOMERY

JOB NO.  
JCD0026

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)

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

CONSTRUCTION SIGNING						
SIGN NO.	SIGN	SIZE (in.)	AREA (ft.²)	QTY.	TOTAL AREA (ft.²)	DESCRIPTION
② **	WO20-1	48 x 48	16.00	12	192	ROAD WORK AHEAD
⑦	WO20-4	48 x 48	16.00	4	64	ONE LANE ROAD AHEAD
⑧	WO20-7a	48 x 48	16.00	12	192	FLAGGER (SYMBOL) WITH FLAGS
① *	GO20-1	60 x 24	10.00	2	20	ROAD WORK NEXT 22 MILES
②⑥	GO20-2	48 x 24	8.00	2	16	END ROAD WORK
③⑤	WO8-12	48 x 48	16.00	19	361	NO CENTER LINE
⑤③	G020-4	36 x 18	4.5	4	18	PILOT CAR FOLLOW ME
⑤⑦	W08-7a	36 x 36	9.00	30	270	FRESH OIL LOOSE GRAVEL ***
⑤⑧	G020-4a	42 x 30	8.75	8	70	PILOT CAR IN USE WAIT & FOLLOW
⑤⑧	G020-4a	18 x 12	1.50	8	-	PILOT CAR IN USE WAIT & FOLLOW
⑪①	W03-4	48 x 48	16.00	8	128	BE PREPARED TO STOP
⑤⑨	CONST-8	48 x 36	12.00	2	24	WORK ZONE NO PHONE ZONE
⑤⑥	CONST-7	48 x 24	8.00	2	16	RATE OUR WORK ZONE
	CONST-5	96 X 48	32.00	2	64	POINT OF PRESENT
	GO22-1	21 x 15	2.19	4	8.76	WET PAINT (ARROW PIVOTS)
616-10.05 CONSTRUCTION SIGNS TOTAL					1,443.76	

- \* IF LESS THAN TWO (2) MILES, DELETE SIGN NO. 1.
- \*\* ADDITIONAL SIGN NO. 2 USED AS SHOWN ON TRAFFIC CONTROL SHEET 4 OF 5 AND AS DIRECTED BY ENGINEER.
- \*\*\* FRESH OIL/LOOSE GRAVEL SIGN SHALL BE PLACED AT THE START OF THE PROJECT. SIGNS SHOULD ALSO BE INSTALLED WITHIN 150 FT. AFTER THE INTERSECTION OF A STATE ROUTE. ADDITION SIGNS MAY BE INSTALLED WITHIN 150 FT. AFTER OTHER INTERSECTIONS, AS DIRECTED BY ENGINEER.

NOTE:

REFER TO STANDARD PLAN 616.10 AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.

ITEM NO.	QTY.	DESCRIPTION
616-10.25	100	CHANNELIZERS (TRIM-LINE)
612-30.00A	2	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)
616-10.98A	2	CHANGEABLE MESSAGE SIGN

HIGH BUILD WATERBORNE PAVEMENT MARKING, TYPE P BEADS					
APPROX. LOG MILE	APPROX. LOG MILE	LENGTH FT	4" SOLID YELLOW LF	4" SOLID WHITE LF	REMARKS
0.257	21.676	113092.320	226184.64	226184.64	RTE B START TO RR CROSSING
21.676	21.681				RR CROSSING EXCEPTION
21.681	21.696	79.200	158.40	158.4	RR CROSSING TO RTE B END
		SUBTOTAL	226343.04	226343.04	
		TOTAL	226343.04	226343.04	
		USE	226344	226344	

MOBILIZATION
TOTAL = 1 LUMP SUM

PREFORMED THERMOPLASTIC PAVEMENT MARKING			
LOG MILE	RAILROAD CROSSING MKR. EA.	24" WHITE STRIPE (FT.)	REMARKS
21.616	1		WEST SIDE OF RR CROSSING
21.673		11	24" STOP BAR AT RR CROSSING
21.684		11	24" STOP BAR AT RR CROSSING
TOTAL	1	22	
TOTAL	1	22	

CHIP SEAL							
LOG MILE	LOG MILE	LOCATION	NET LENGTH (MILES)	AVERAGE WIDTH (FEET)	SEAL COAT AGGREGATE, GRADE B2 (S.Y.)	EMULSIFIED ASPHALT, SEAL COAT 0.28 GAL/S.Y. (GALLONS)	REMARKS
0.257	3.183	RTE B	1.637	22	21,128	5,916	ROUTE B MAINLINE - START OF ASPHALT
3.183	3.202	RTE B	0.019	22	-	-	BRIDGE A0548 IS EXEMPT
3.202	13.643	RTE B	10.441	22	134,759	37,733	ROUTE B MAINLINE
13.643	13.673	RTE B	0.030	22	-	-	BRIDGE T0561 IS EXEMPT
13.673	16.322	RTE B	2.643	22	34,112	9,551	ROUTE B MAINLINE - INTERSECT RTE ZZ
16.322	16.353	RTE B	0.031	22	-	-	BRIDGE A4399 IS EXEMPT
16.353	21.676	RTE B	5.319	22	68,651	19,222	ROUTE B MAINLINE
21.676	21.681	RTE B	0.005	22	-	-	RAILROAD CROSSING IS EXEMPT
6.859	6.878	RTE B	VAR	VAR	263	74	APRON TO JOINT WITH RTE A
10.536	10.556	RTE B	VAR	VAR	492	138	APRON TO JOINT WITH RTE N
14.758	14.778	RTE B	VAR	VAR	255	71	APRON TO JOINT WITH RTE ZZ
21.681	21.696	RTE B	VAR	VAR	331	93	APRON FROM RR CROSSING TO RTE END
				USE	259,991	72,798	

STATE OF MISSOURI

MARIA K. PETERS

NUMBER

PE-2000162118

PROFESSIONAL ENGINEER

Maria K. Peters

07/31/2023 7:10:36 AM

MARIA K. PETERS - CIVIL

MO-PE-2000162118

DATE PREPARED  
7/27/2023

ROUTE

B

DISTRICT

CD

STATE

MO

SHEET NO.

3

COUNTY  
CALLAWAY/MONTGOMERY

JOB NO.  
JCD0026

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

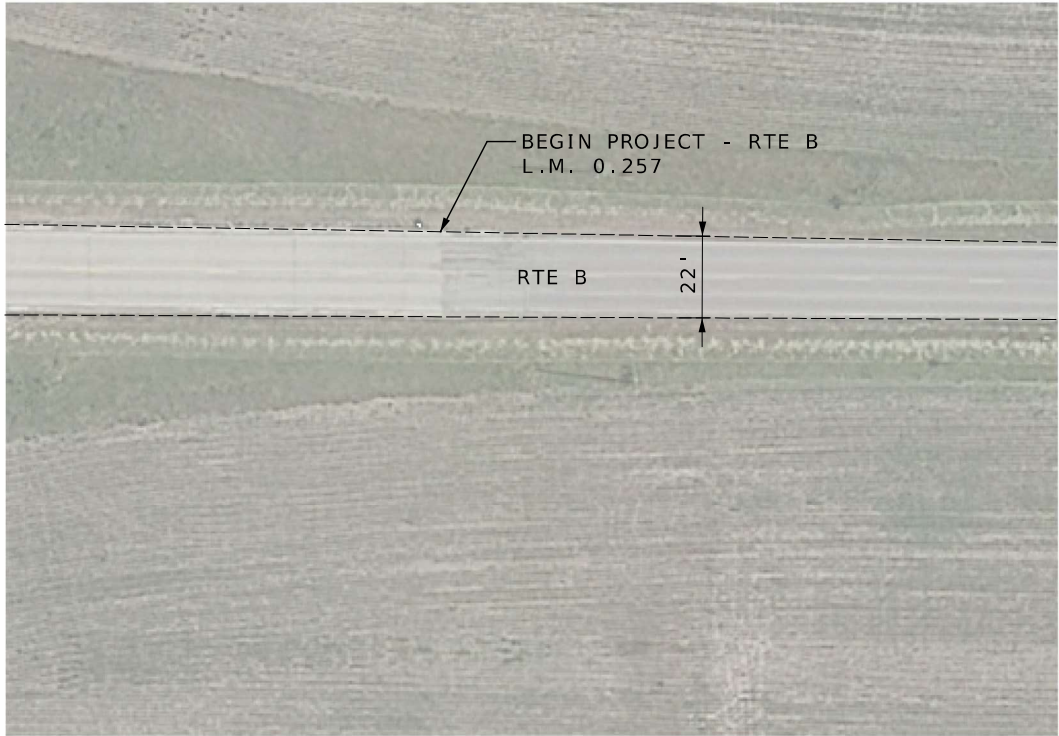
105 WEST CAPITOL

JEFFERSON CITY, MO 65102

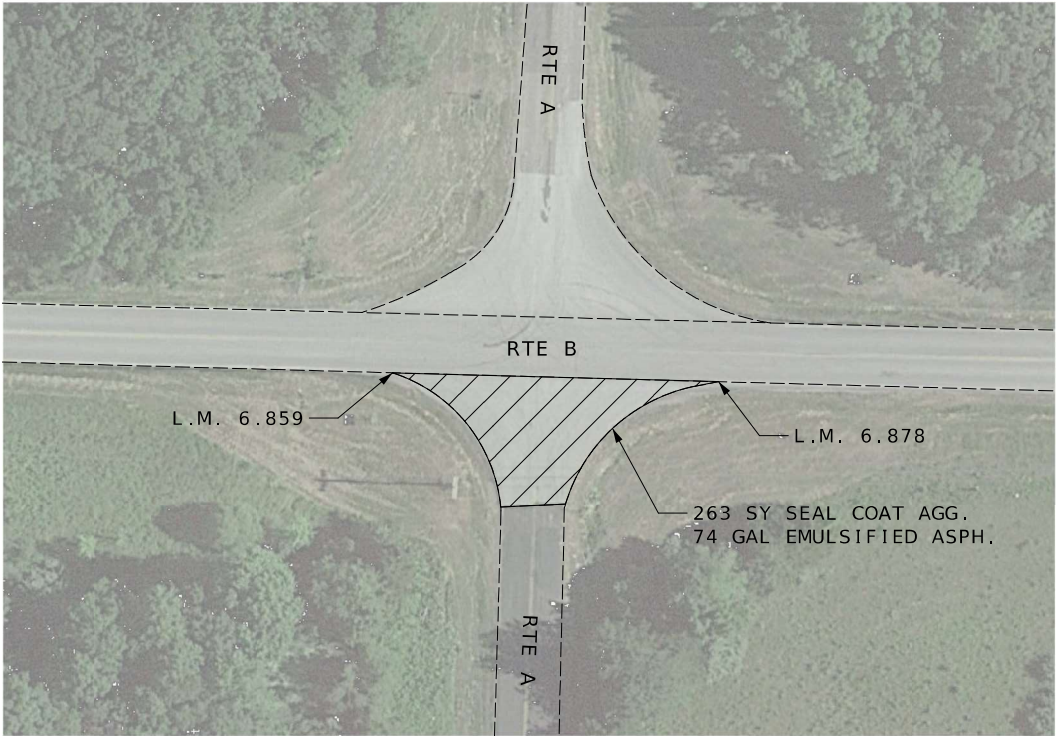
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

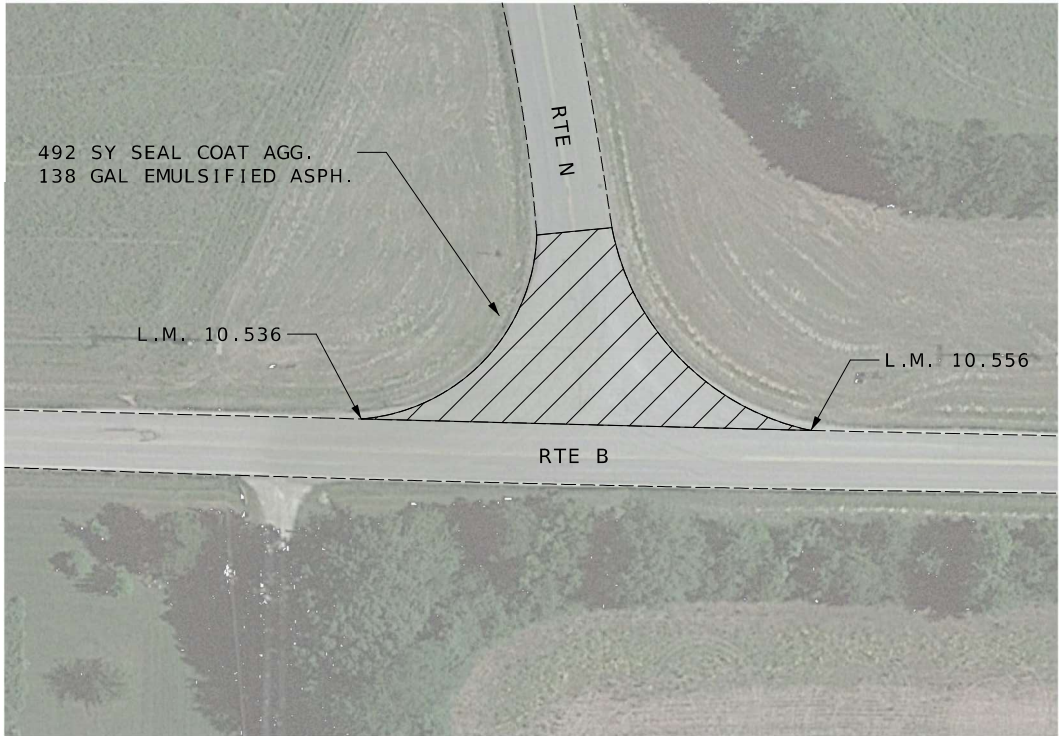
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



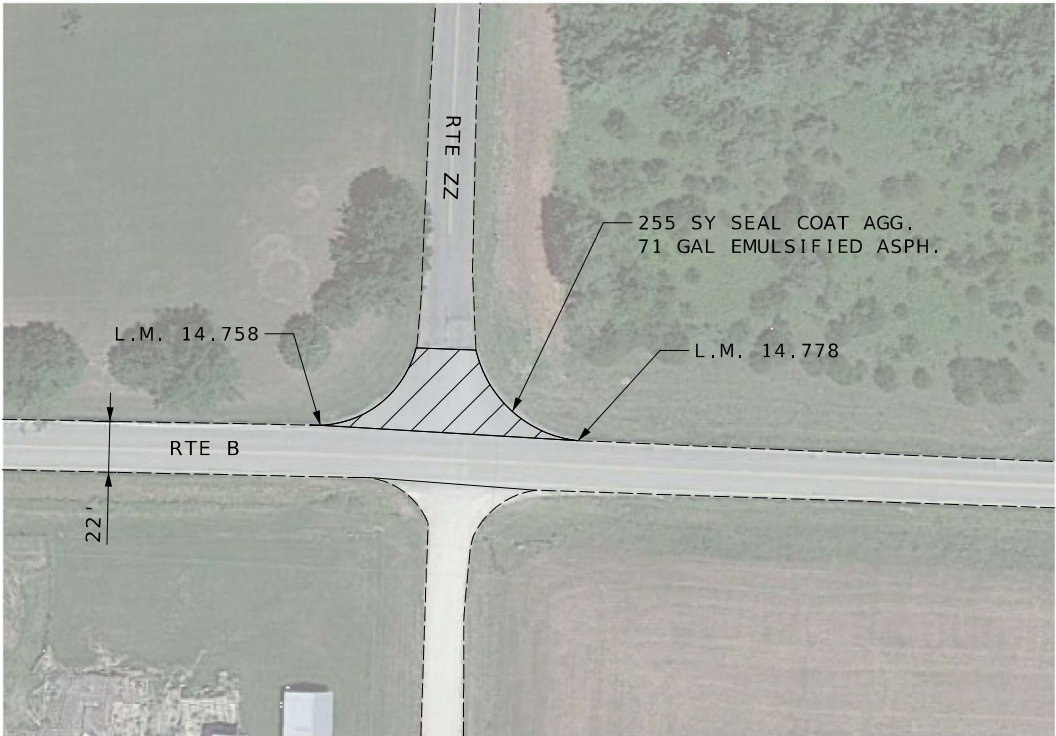
BEGIN PROJECT - RTE B  
L.M. 0.257



RTE B AND RTE A INTERSECTION  
L.M. 6.859 TO L.M. 6.878



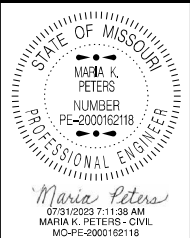
RTE B AND RTE N INTERSECTION  
L.M. 10.536 TO 10.556



RTE B AND RTE ZZ INTERSECTION  
L.M. 14.758 - L.M. 14.778



NOT TO SCALE



DATE PREPARED 7/27/2023	
ROUTE B	STATE MO
DISTRICT CD	SHEET NO. 4

COUNTY  
CALLAWAY / MONTGOMERY

JOB NO.  
JCD0026

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

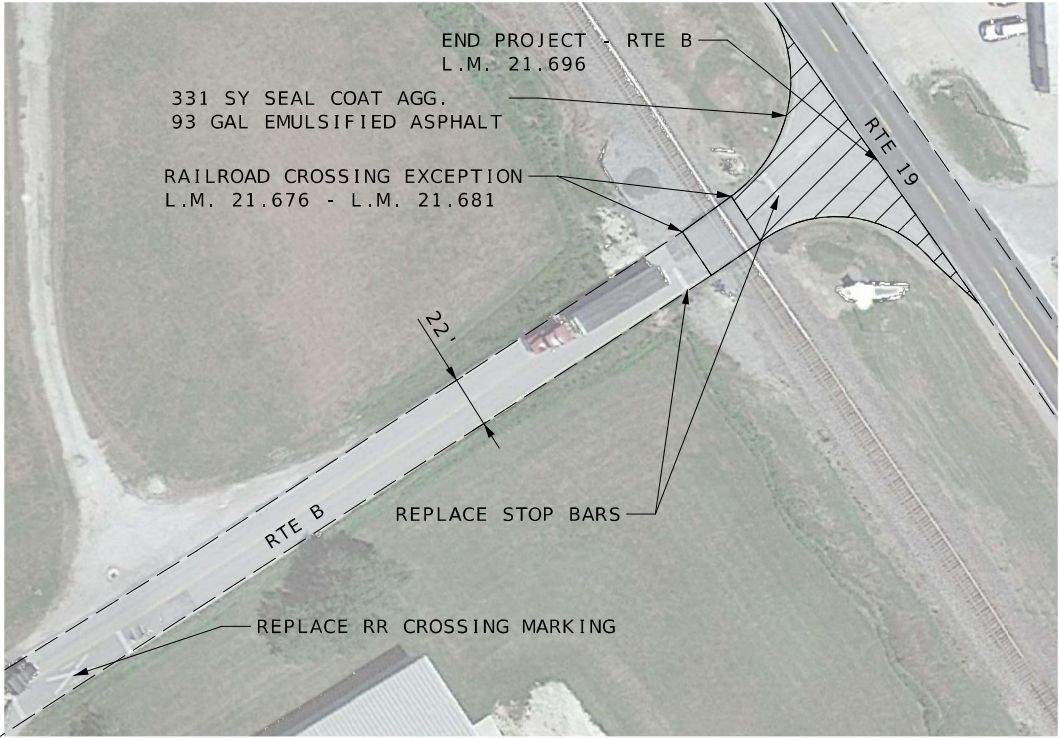
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

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

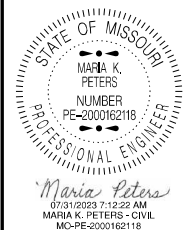
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.





END PROJECT - RTE B  
L.M. 21.696  
RAILROAD CROSSING EXCEPTION  
L.M. 21.676 - 21.681

NOT TO SCALE



DATE PREPARED  
7/27/2023

ROUTE B	STATE MO
DISTRICT CD	SHEET NO. 5

COUNTY  
CALLAWAY / MONTGOMERY

JOB NO.  
JCD0026

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

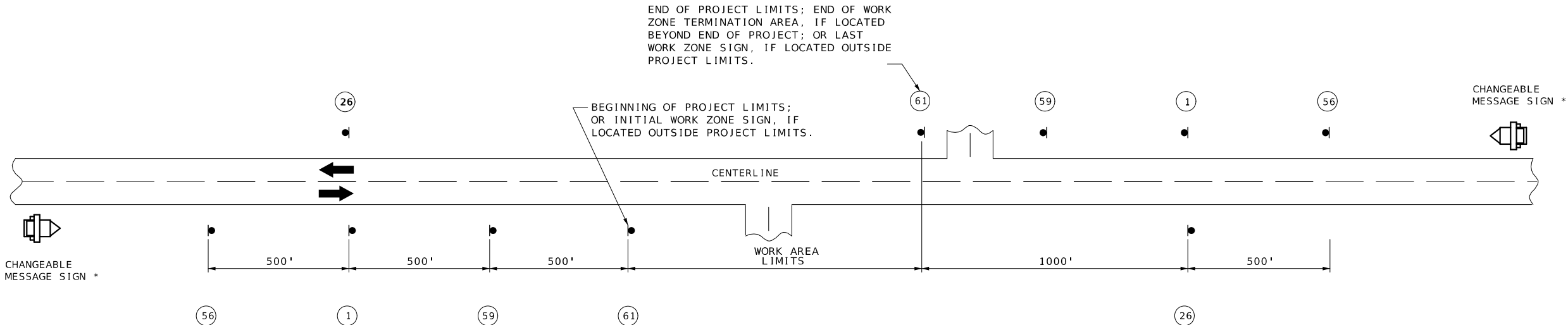
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

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





NOTES:

SIGN 1 AND 26 ARE ONLY USED ON PROJECT LENGTHS 2 MILES OR GREATER.

PROVIDE SIGNS IN EACH DIRECTION ON TWO-WAY HIGHWAY.

DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.

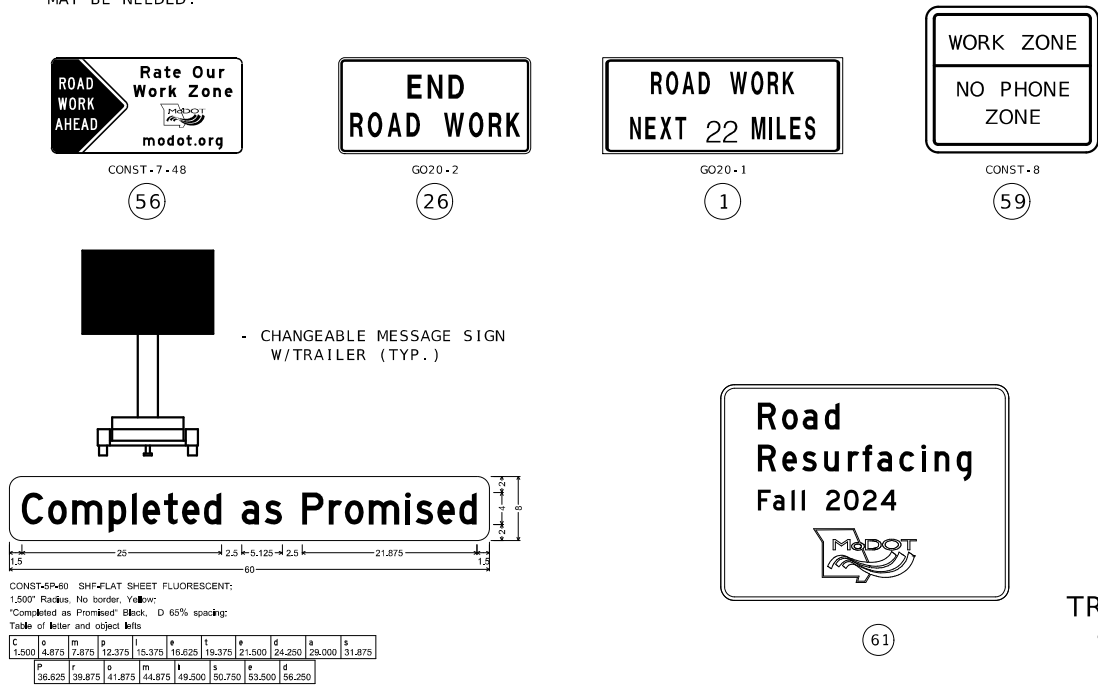
\* CHANGEABLE MESSAGE SIGNS SHALL BE INSTALLED ACCORDING TO STANDARD PLAN 616.10. LOCATIONS AND MESSAGES PROVIDED BY THE ENGINEER.

GENERAL NOTES:

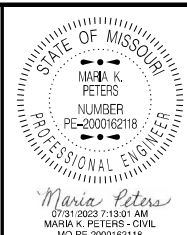
ALL SIGNS MUST BE PORTABLE UNLESS OTHERWISE NOTED.

ANY EXISTING SIGN THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.

DISTANCES MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA. ADDITIONAL SIGNING MAY BE NEEDED.



TRAFFIC CONTROL  
SHEET 1 OF 5



DATE PREPARED  
7/27/2023

ROUTE B STATE MO

DISTRICT CD SHEET NO. 6

COUNTY  
CALLAWAY / MONTGOMERY

JOB NO.  
JCD0026

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)





DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.

 - FLAGGER

SHALL ONLY BE USED  
AT PRIVATE AND  
COMMERCIAL ENTRANCES.  
SEE STD PLAN 616.10

[illegible][illegible]







(3) REAR ADVANCE WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL, OR VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE, OR SPACING SHOWN.

TRAFFIC CONTROL  
SHEET 5 OF 5

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