

DESIGN DESIGNATION

ROUTE AB

A.A.D.T. - 2023 = 744

V = 55 M.P.H.

FUNCTIONAL CLASSIFICATION-MINOR ARTERIAL

ROUTE Z

A.A.D.T. - 2023 = 225

V = 55 M.P.H.

FUNCTIONAL CLASSIFICATION-MAJOR COLLECTOR



KEY MAP

LOCATION OF PULASKI COUNTY
(PART IN PHELPS COUNTY)

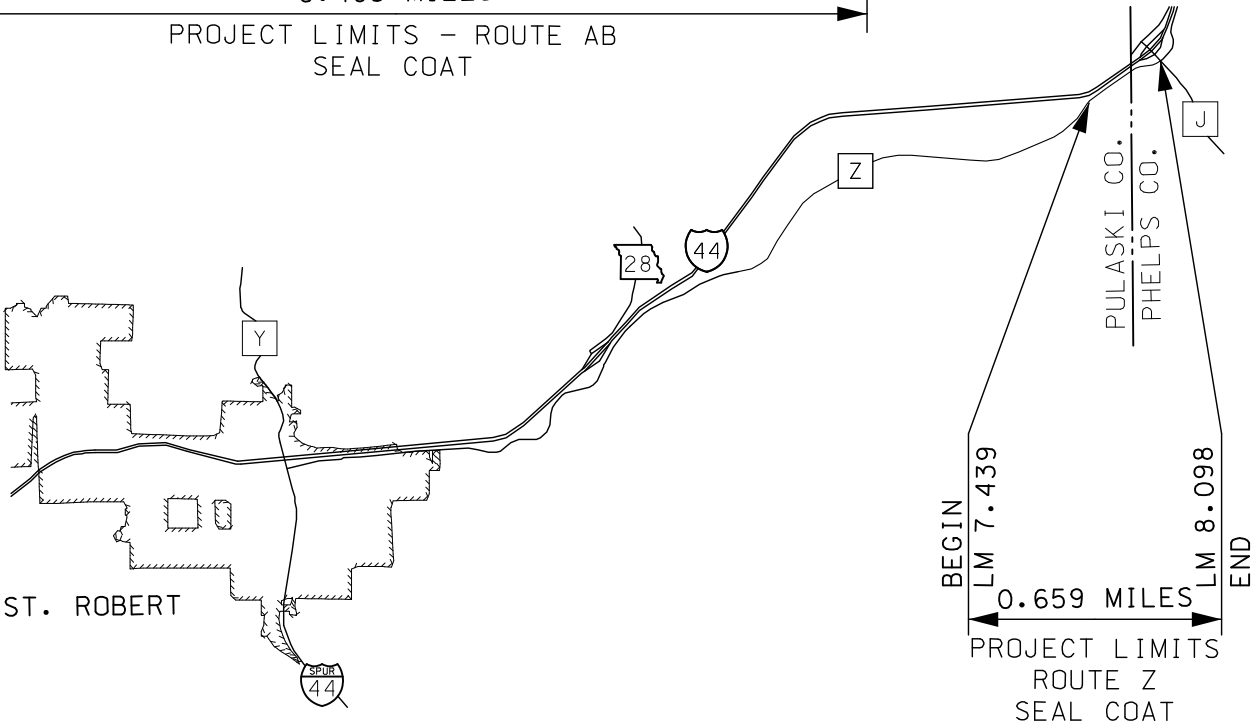
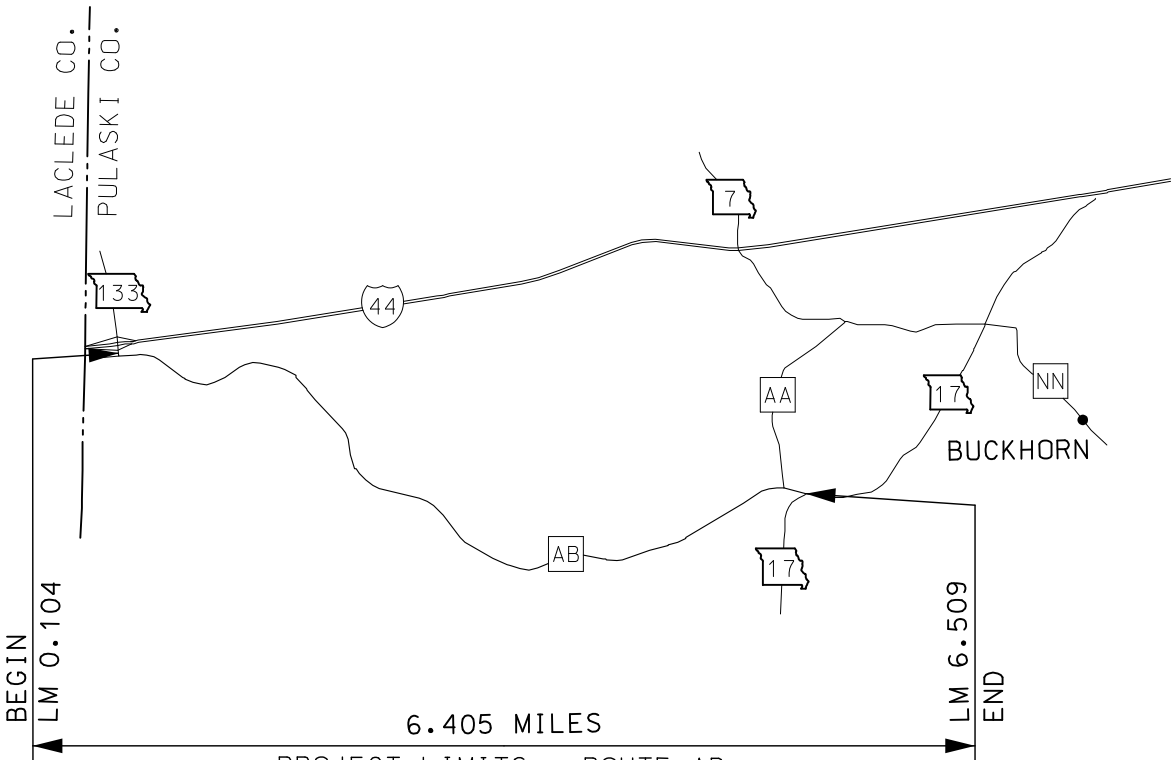
CONVENTIONAL SYMBOLS

(USED IN PLANS)

	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
GUARD CABLE		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS	-FO-	-FO-
OVERHEAD CABLE TV	-OTV-	-OTV-
UNDERGROUND CABLE TV	-UTV-	-UTV-
OVERHEAD TELEPHONE	-OT-	-OT-
UNDERGROUND TELEPHONE	-UT-	-UT-
OVERHEAD POWER	-OE-	-OE-
UNDERGROUND POWER	-UE-	-UE-
SANITARY SEWER	-S-	-S-
STORM SEWER	-SS-	-SS-
GAS	-G-	-G-
WATER	-W-	-W-
MANHOLE		
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 FOR PROPOSED
STATE HIGHWAY
PULASKI COUNTY

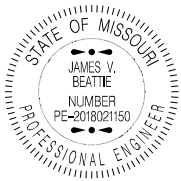


NOT TO SCALE

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 SHEETS)	2
QUANTITIES (QU) (2 SHEETS)	3
SPECIAL SHEETS (SS)	4
TRAFFIC CONTROL SHEETS (TC)	5-9



THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
4/8/2024

ROUTE
AB, Z

STATE
MO

DISTRICT
CD

SHEET NO.
1

COUNTY
PULASKI

JOB NO.
JCD0087

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

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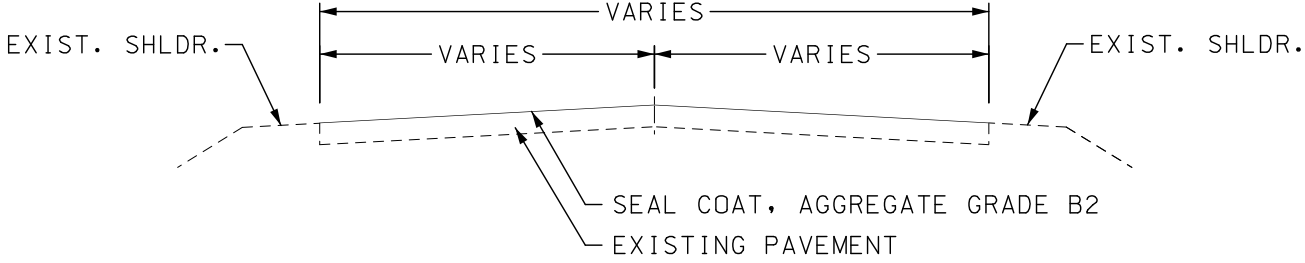
LENGTH OF PROJECT

ROUTE AB	
BEGINNING OF PROJECT	LOG MILE 0.104
END OF PROJECT	LOG MILE 6.509
APPARENT LENGTH	6.405 MILES
EQUATIONS AND EXCEPTIONS: NONE	

ROUTE Z	
BEGINNING OF PROJECT	LOG MILE 7.439
END OF PROJECT	LOG MILE 8.098
APPARENT LENGTH	0.659 MILES
EQUATIONS AND EXCEPTIONS: NONE	

TOTAL CORRECTIONS	-0.00	FEET
NET LENGTH OF PROJECT	37,297.92	FEET
STATE LENGTH	7.064	MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0	ACRES





PROPOSED TYPICAL SECTION

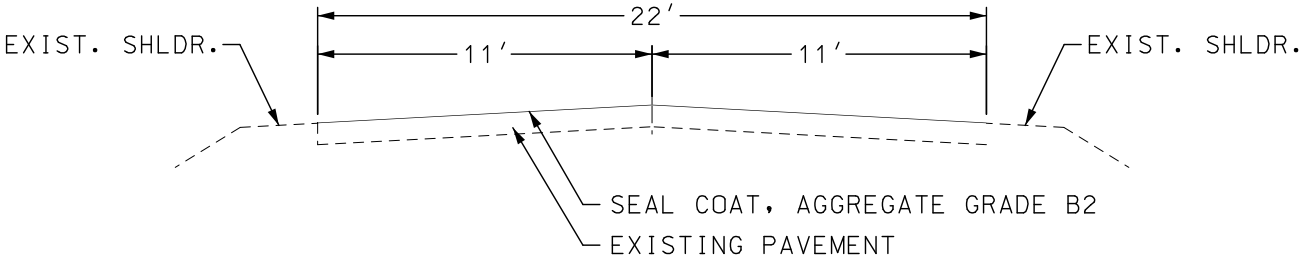
ROUTE AB

LM 0.104 TO LM 0.139

* LM 6.418 TO LM 6.439

LM 6.475 TO LM 6.509

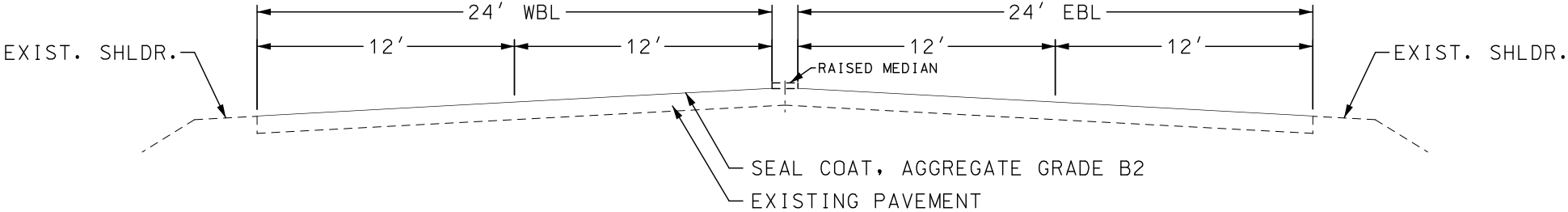
* SEE SPECIAL SHEET 1 OF 1 FOR CROSSOVER DETAILS



PROPOSED TYPICAL SECTION

ROUTE AB

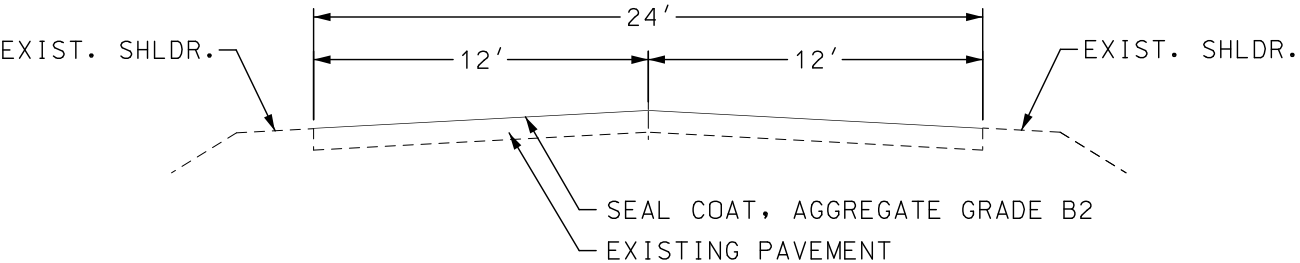
LM 0.139 TO LM 6.475



PROPOSED TYPICAL SECTION

ROUTE Z

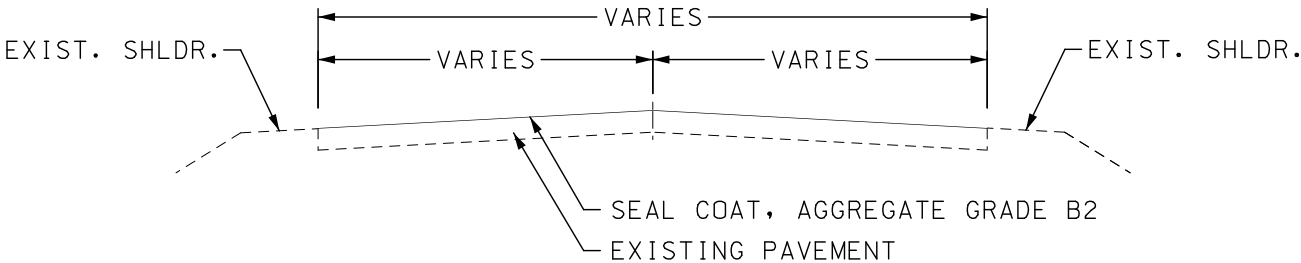
LM 7.439 TO LM 7.460



PROPOSED TYPICAL SECTION

ROUTE Z

LM 7.475 TO LM 8.090



PROPOSED TYPICAL SECTION

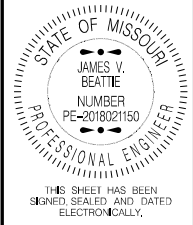
ROUTE Z

LM 7.460 TO LM 7.475

LM 8.090 TO LM 8.098

NOT TO SCALE

TYPICAL SECTIONS
SHEET 1 OF 1



DATE PREPARED 2/15/2024	
ROUTE AB & Z	STATE MO
DISTRICT CD	SHEET NO. 2
COUNTY PULASKI	
JOB NO. JCD0087	
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)

SEAL COAT, GRADE B2 – ROUTE AB (PULASKI COUNTY)								
LOG MILE	LOG MILE	LOCATION	LENGTH (FT)	WIDTH (FT)	AREA (SF)	SEAL COAT AGGREGATE GRADE B2 (SY)	EMULSIFIED ASPHALT SEAL COAT (GAL)	REMARKS
0.104	0.139	RTE. AB	184.80	VARIES	8442.9	938.1	262.7	BEGIN SEAL COAT AT I-44 / RTE. 133
0.139	6.430	RTE. AB	33216.48	22	730762.6	81195.8	22734.8	RTE. AB
6.430		RTE. AB	138.00	VARIES	5198.5	577.6	161.7	RTE. AB & 17 CROSSOVER (SEE SPECIAL SHEET)
6.430	6.475	RTE. AB	237.60	22	5227.2	580.8	162.6	RTE. AB
6.475	6.509	RTE. AB	179.52	VARIES	3419.7	380.0	106.4	END SEAL COAT AT RTE. 17
					SUB-TOTAL	83672.3	23428.2	
					USE	83672	23428	

SEAL COAT, GRADE B2 – ROUTE Z (PULASKI COUNTY)								
LOG MILE	LOG MILE	LOCATION	LENGTH (FT)	WIDTH (FT)	AREA (SF)	SEAL COAT AGGREGATE GRADE B2 (SY)	EMULSIFIED ASPHALT SEAL COAT (GAL)	REMARKS
7.439	7.460	RTE. Z	110.88	48	5322.2	591.4	165.6	BEGIN SEAL COAT
7.460	7.475	RTE. Z	79.20	VARIES	3254.4	361.6	101.2	RTE. Z (TAPER FROM 4 LANES TO 2 LANES)
7.475	8.090	RTE. Z	3247.20	24	77932.8	8659.2	2424.6	RTE. Z
8.090	8.098	RTE. Z	42.24	VARIES	1568.7	174.3	48.8	END SEAL COAT AT RTE. J
					SUB-TOTAL	9786.5	2740.2	
					USE	9787	2740	

CONSTRUCTION SIGNS (ROUTE AB & ROUTE Z)						
SIGN NO.	SIGN	SIGN (in)	AREA (sf)	QTY.	TOTAL AREA (sf)	DESCRIPTION
1	G020-1	60 x 24	10.00	2	20.00	ROAD WORK NEXT 7 MILES
2	W020-1	48 x 48	16.00	16	256.00	ROAD WORK AHEAD
7	W020-4	48 x 48	16.00	10	160.00	ONE LANE ROAD AHEAD
8	W020-7a	48 x 48	16.00	16	256.00	FLAGGER (SYMBOL) WITH FLAGS
11	W03-4	48 x 48	16.00	8	128.00	BE PREPARED TO STOP
26	G020-2	48 x 24	8.00	2	16.00	END ROAD WORK
35	W08-12	48 x 48	16.00	8	128.00	NO CENTER LINE
53	G020-4	36 x 18	4.5	2	9.00	PILOT CAR FOLLOW ME
56	CONST-7	48 x 24	8.00	4	32.00	RATE OUR WORK ZONE
57	W08-7a	48 x 48	16.00	14	224.00	FRESH OIL LOOSE GRAVEL
58	G020-8a	42 x 30	8.75	1	8.75	PILOT CAR IN USE WAIT & FOLLOW
58	G020-8a	18 x 12	1.50	7	10.50	PILOT CAR IN USE WAIT & FOLLOW
59	CONST-8	48 x 36	12.00	4	48.00	WORK ZONE NO PHONE ZONE
	G022-1	21 x 15	2.19	4	8.76	WET PAINT (ARROW PIVOTS)
					1305.01	
				TOTAL	1305	
616-10.05 – CONSTRUCTION SIGNS						

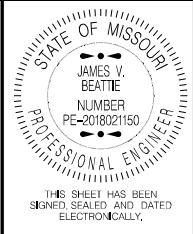
ADDITIONAL CONSTRUCTION ITEMS		
ITEM NO.	DESCRIPTION	QTY.
616-1025	CHANNELIZERS	160
616-1098A	MESSAGE BOARD	4

* IF LESS THAN TWO (2) MILES,
DELETE SIGN NO. 1.

** ADDITIONAL SIGN NO. 2 USED
AS SHOWN ON TRAFFIC CONTROL
SHEET 3 OF 5 AND AS DIRECTED
BY ENGINEER.

NOTE:

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



DATE PREPARED 2/15/2024	
ROUTE AB & Z	STATE MO
DISTRICT CD	SHEET NO. 3

COUNTY PULASKI
JOB NO. JCD0087
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)

PAVEMENT MARKING – ROUTE AB (PULASKI COUNTY)						
LOG MILE	LOG MILE	LENGTH (FT)	WATERBORNE PAINT, TYPE P BEADS			REMARKS
			4" INT. YELLOW L.F.	4" SOLID YELLOW L.F.	4" SOLID WHITE L.F.	
0.104	0.139	184.80		369.6	369.6	NO PASS BEGIN PROJECT
0.139	0.415	1457.28		2914.6	2914.6	NO PASS
0.415	0.535	633.60	158.4	633.6	1267.2	NO PASS / WB
0.535	0.576	216.48		433.0	433.0	NO PASS
0.576	0.715	733.92	183.5	733.9	1467.8	NO PASS / EB
0.715	0.955	1267.20		2534.4	2534.4	NO PASS
0.955	1.055	528.00	132.0	528.0	1056.0	NO PASS / WB
1.055	1.115	316.80		633.6	633.6	NO PASS
1.115	1.215	528.00	132.0	528.0	1056.0	NO PASS / EB
1.215	1.839	3294.72		6589.4	6589.4	NO PASS
1.839	2.039	1056.00	264.0	1056.0	2112	NO PASS / WB
2.039	2.220	955.68	238.9	955.7	1911.4	NO PASS / EB
2.220	3.600	7286.40		14572.8	14572.8	NO PASS
3.600	3.700	528.00	132.0	528.0	1056.0	NO PASS / WB
3.700	3.979	1473.12		2946.2	2946.2	NO PASS
3.979	4.059	422.40	105.6	422.4	844.8	NO PASS / EB
4.059	4.898	4429.92		8859.8	8859.8	NO PASS
4.898	5.018	633.60	158.4	633.6	1267.2	NO PASS / WB
5.018	5.079	322.08		644.2	644.2	NO PASS
5.079	5.198	628.32	157.1	628.3	1256.64	NO PASS / EB
5.198	5.377	945.12		1890.2	1890.2	NO PASS
5.377	5.518	744.48	186.1	744.5	1488.96	NO PASS / WB
5.518	5.558	211.20	52.8		422.4	
5.558	5.738	950.40	237.6	950.4	1900.8	NO PASS / EB
5.738	5.798	316.80		633.6	633.6	NO PASS
5.798	5.918	633.60	158.4	633.6	1267.2	NO PASS / WB
5.918	5.938	105.60		211.2	211.2	NO PASS
5.938	6.119	955.68	238.9	955.7	1911.4	NO PASS / EB
6.119	6.498	2001.12		4002.2	4002.2	NO PASS
6.498	6.509	58.08			116.2	END AT RTE. 17
6.430	6.456	137.28		274.6	274.56	NO PASS/RTE. AB & RTE. 17 CROSSOVER
		SUB-TOTAL	2535.7	57441.1	67911.4	
		TOTAL		59976.8	67911	
NOTE: ALL PAVEMENT MARKINGS TO MATCH EXISTING. LOCATE BEFORE MILLING OR RESURFACING.						

PAVEMENT MARKING – ROUTE Z (PULASKI COUNTY)							
LOG MILE	LOG MILE	LENGTH (FT)	WATERBORNE PAINT, TYPE P BEADS				REMARKS
			4" INT. YELLOW L.F.	4" SOLID YELLOW L.F.	4" INT. WHITE L.F.	4" SOLID WHITE L.F.	
7.439	7.480	216.48		865.9	108.2	433.0	BEGIN
7.480	7.580	528.00		1056.0		528.0	NO PASS / LT – EDGELINE
7.580	8.090	2692.80		5385.6			NO PASS
8.090	8.098	42.24					END AT RTE J
		SUB-TOTAL		7307.5	108.2	961.0	
		TOTAL		7308		1069.2	
NOTE: ALL PAVEMENT MARKINGS TO MATCH EXISTING. LOCATE BEFORE MILLING OR RESURFACING.							

PAVEMENT MARKING TOTALS								
LOG MILE	LOG MILE	LENGTH (FT)	WATERBORNE PAINT, TYPE P BEADS					REMARKS
			LOCATION	4" INT. YELLOW L.F.	4" SOLID YELLOW L.F.	4" INT. WHITE L.F.	4" SOLID WHITE L.F.	
0.104	6.509	33818.400	RTE. AB (PULASKI)	2535.7	57441.1		67911.4	
7.439	8.098	3479.520	RTE. Z (PULASKI)		7308.0	108.2	961.0	
			TOTAL	2535.7	64749.1	108.2	68872.4	
			USE		67285		68981	
NOTE: ALL PAVEMENT MARKINGS TO MATCH EXISTING. LOCATE BEFORE MILLING OR RESURFACING.								

MOBILIZATION
1 LUMP SUM

STATE OF MISSOURI

JAMES V. BEATTIE

NUMBER PE-2018021150

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED

2/15/2024

ROUTE

AB & Z

STATE

MO

DISTRICT

CD

SHEET NO.

3

COUNTY

PULASKI

JOB NO.

JCD0087

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

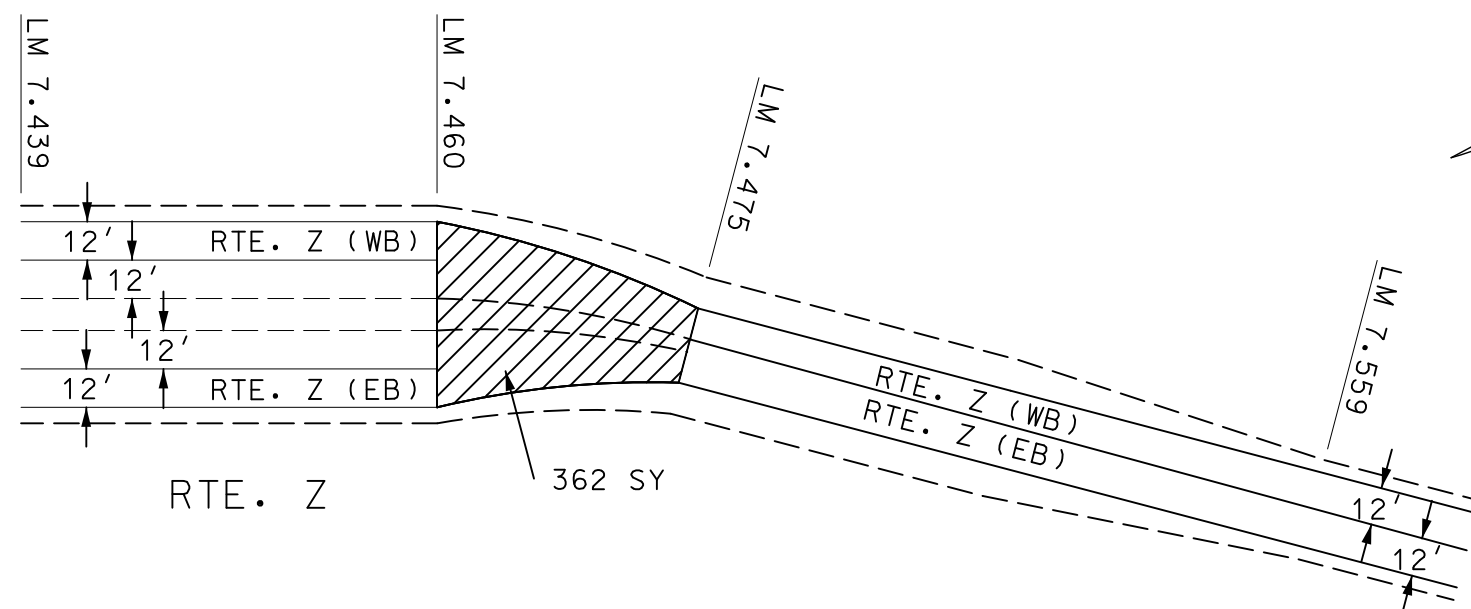
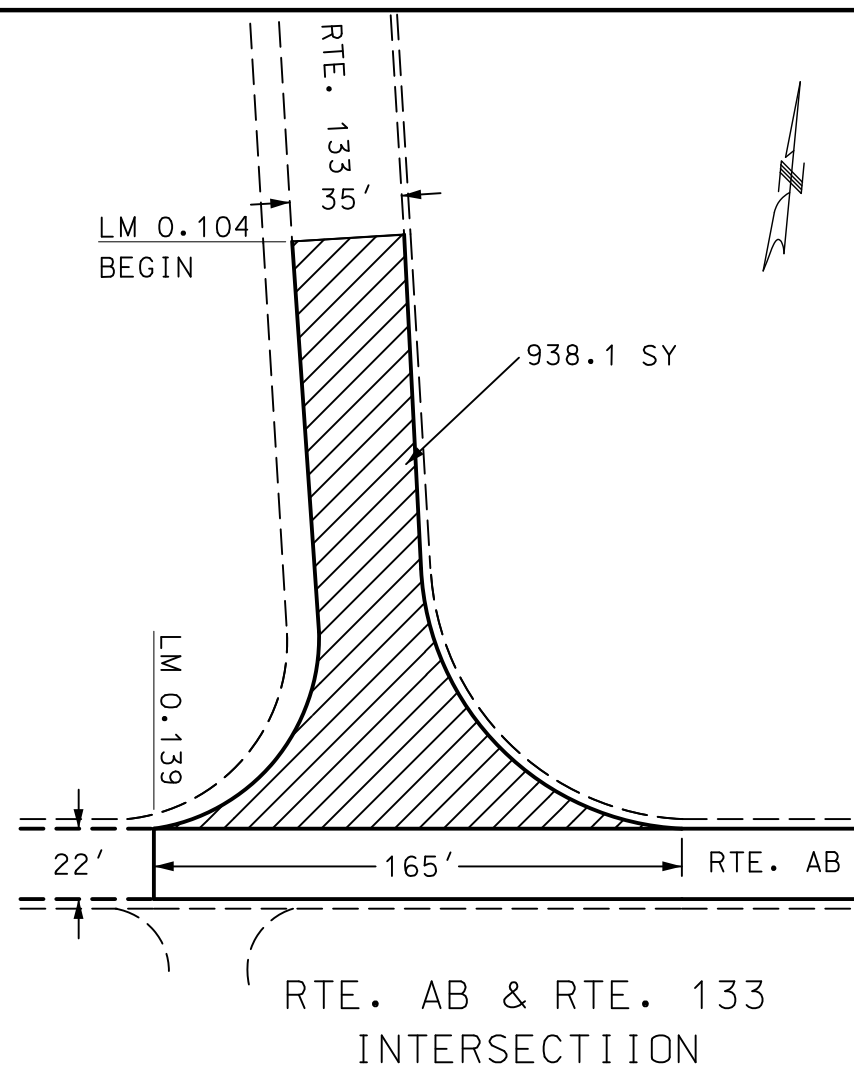
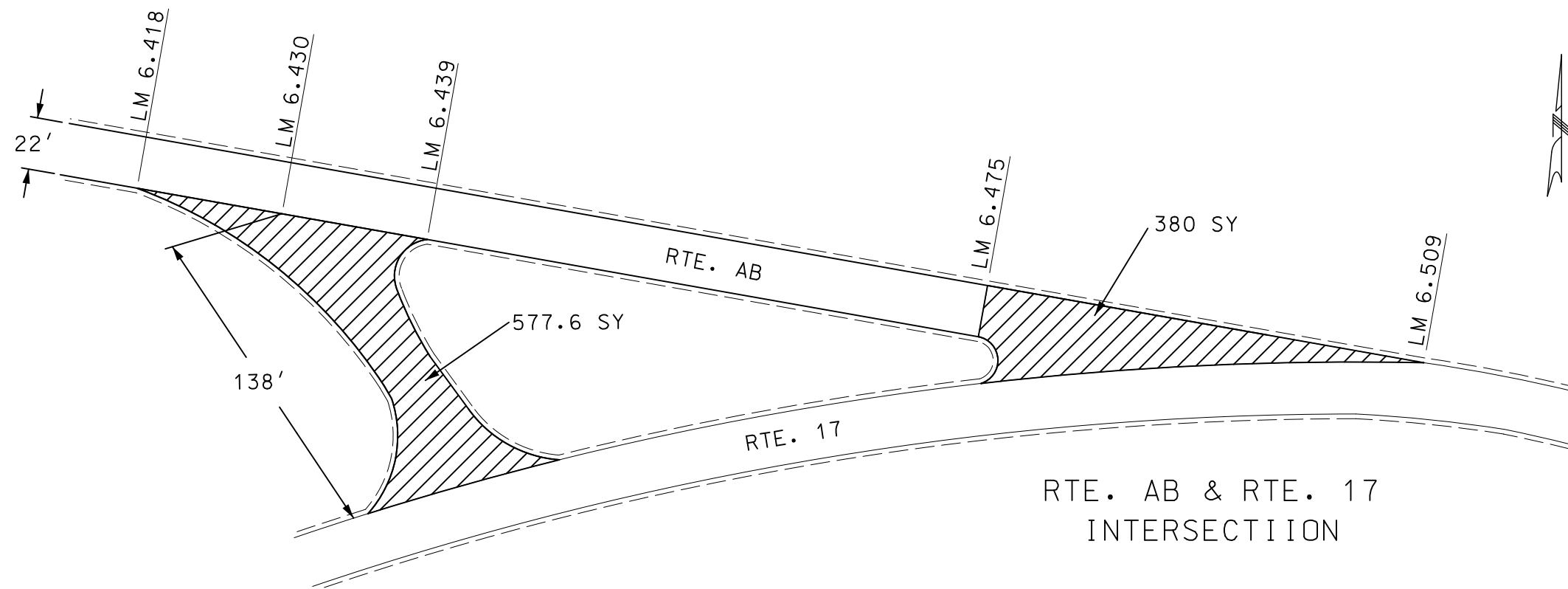
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

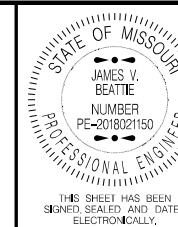
1-888-ASK-MODOT (1-888-275-6636)

MoDOT



NOT TO SCALE

SPECIAL SHEET
SHEET 1 OF 1



DATE PREPARED

2 / 15 / 202

ROUTE	STATE
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AB & Z	MO
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DISTRICT	SHEET NO.
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CD	4
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COUNTY

PULASKI

JOB NO. _____

JCD0087

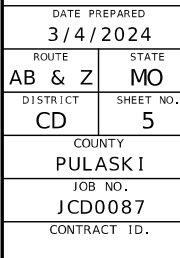
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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COMMISSION

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



PROJECT NO.
BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



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

PROVIDE SIGNS IN EACH DIRECTION ON TWO-WAY HIGHWAY.

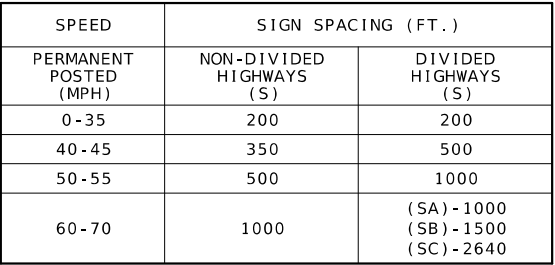
DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.



FOR ROUTE AB





TRAFFIC CONTROL
SHEET 1 OF 5



NOTES:
WARNING SIGNS SHALL BE ERECTED AT EACH INTERSECTION
WITH ANOTHER STATE HIGHWAY WITHIN THE WORK ZONE.

ADDITIONAL WARNING SIGNS SHALL BE ERECTED AT OTHER
INTERSECTIONS WITHIN THE WORK ZONE, AS DIRECTED BY
THE ENGINEER.

-  - CHANNELIZERS (AS SPECIFIED)
 - FLAGGER

SHALL BE USED ON ALL STATE
ROUTES AND MAY BE USED ON
ANY NON-STATE ROUTES, AS
DETERMINED BY THE ENGINEER.

* THE SMALLER 18" X 12" SIGN
58 IS USED ON ALL OTHER
NON-STATE ROUTES (CITY STREETS,
COUNTY ROADS, ETC.).

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

STATE OF MISSOURI	
JAMES V. BEATTIE NUMBER PE-2018021150 PROFESSIONAL ENGINEER	
THIS SHEET HAS BEEN SIGNED SEALED AND DATED ELECTRONICALLY.	
DATE PREPARED	
2 / 15 / 2024	
ROUTE	STATE
AB & Z	MO
DISTRICT	SHEET NO.
CD	7
COUNTY	PULASKI
JOB NO.	JCD0087
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
DESCRIPTION	
DATE	
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION	
MOTDOT	
105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)	



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



NOTES:

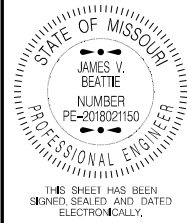
SIGN (35) AND TEMPORARY RAISED PAVEMENT MARKING (SEE STANDARD PLAN 620.10) INSTALLED WHERE CENTERLINE STRIPING HAS BEEN COVERED OR REMOVED. SIGNS ARE TO REMAIN IN PLACE UNTIL THE PERMANENT CENTERLINE PAVEMENT MARKINGS ARE IN PLACE. SIGNS SHALL BE COVERED OR REMOVED WHEN PAVEMENT CENTERLINE MARKING HAS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



DATE PREPARED

ROUTE	STATE
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DISTRICT	SHEET NO.
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32	3
COUNTY	

JOB NO.

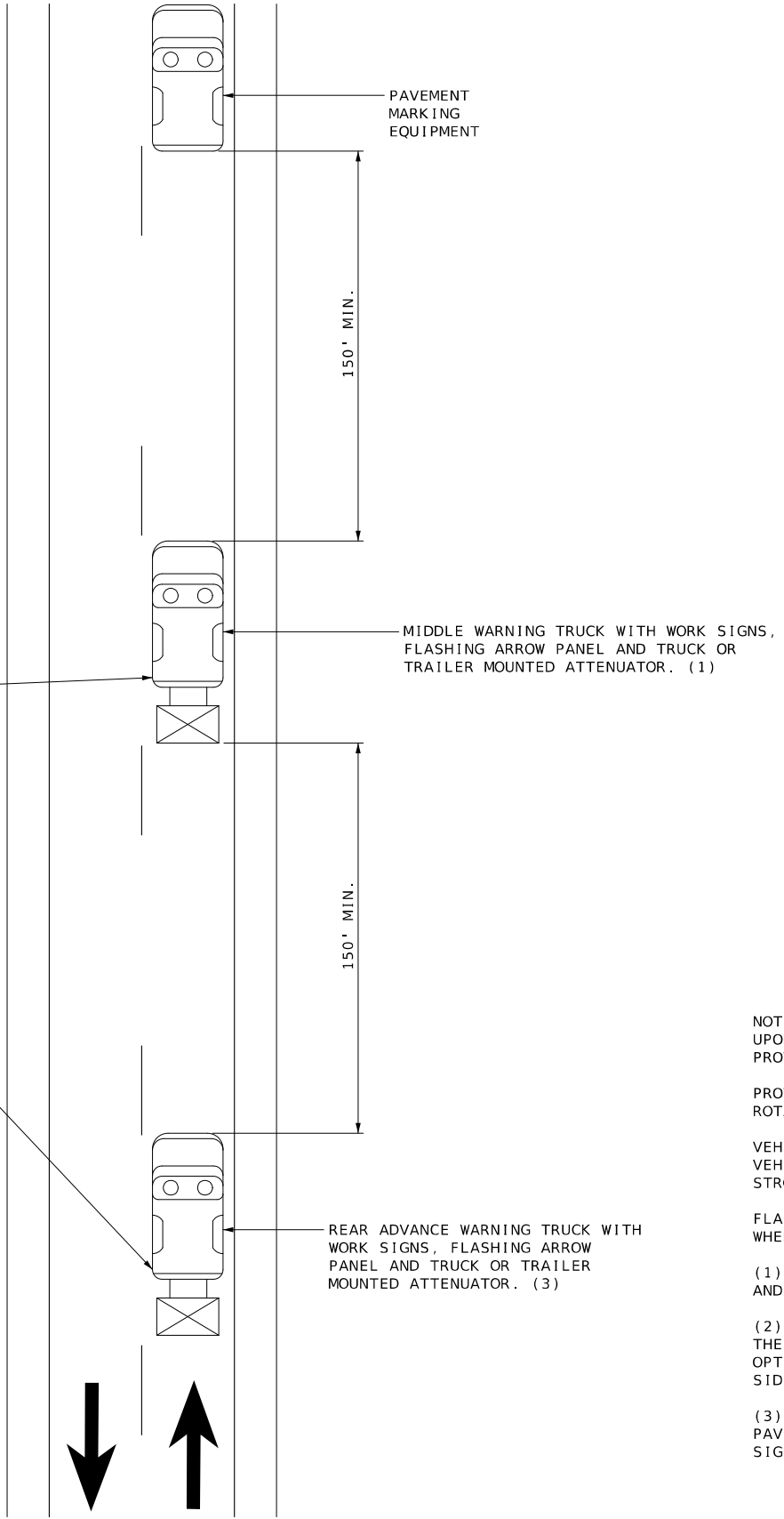
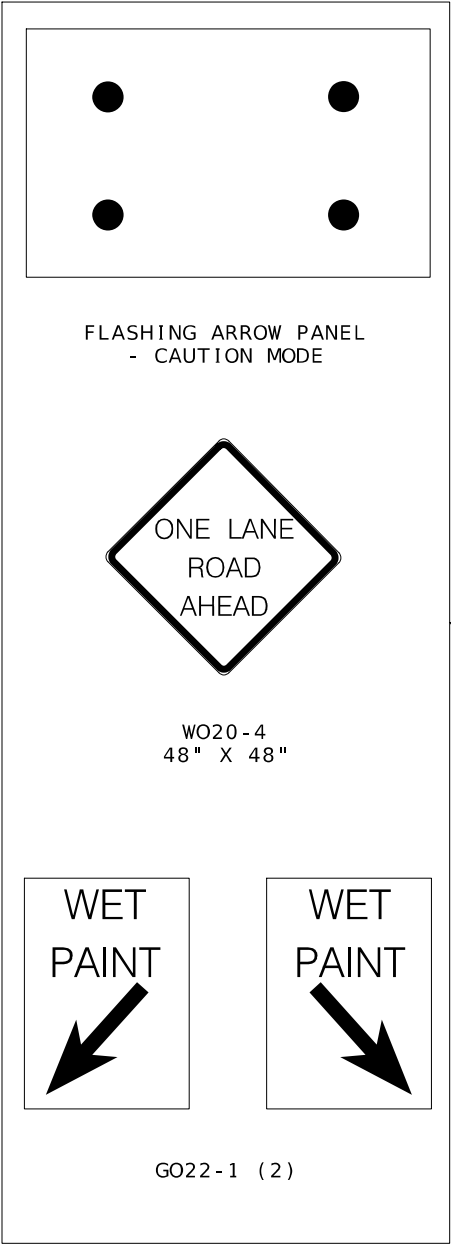
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

JAMES V. BEATTIE

NUMBER PE-2018021150

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED

3/4/2024

ROUTE

AB & Z

DISTRICT

CD

STATE

MO

SHEET NO.

9

COUNTY

PULASKI

JOB NO.

JCD0087

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DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

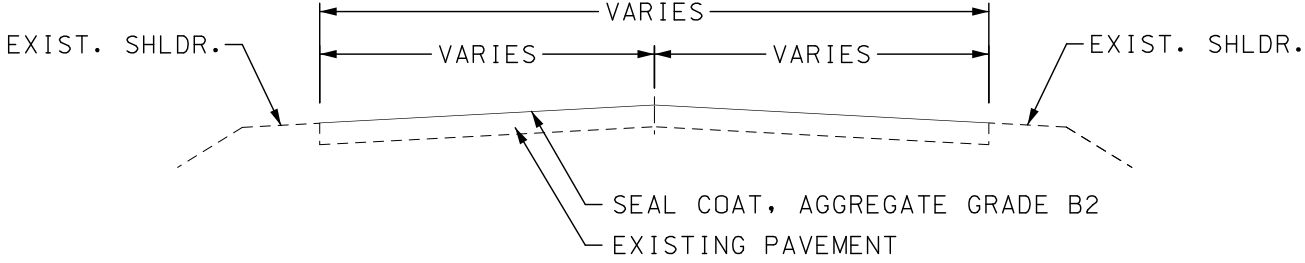
105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

MoDOT

TOTAL CORRECTIONS	-0.00	FEET
NET LENGTH OF PROJECT	37,297.92	FEET
STATE LENGTH	7.064	MILES
FOR INFORMATION ONLY		
ESTIMATED DISTURBED ACRES	0	ACRES



PROPOSED TYPICAL SECTION

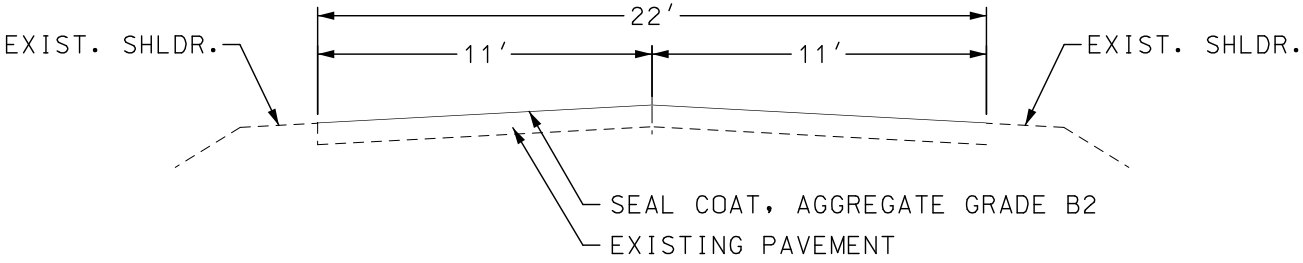
ROUTE AB

LM 0.104 TO LM 0.139

* LM 6.418 TO LM 6.439

LM 6.475 TO LM 6.509

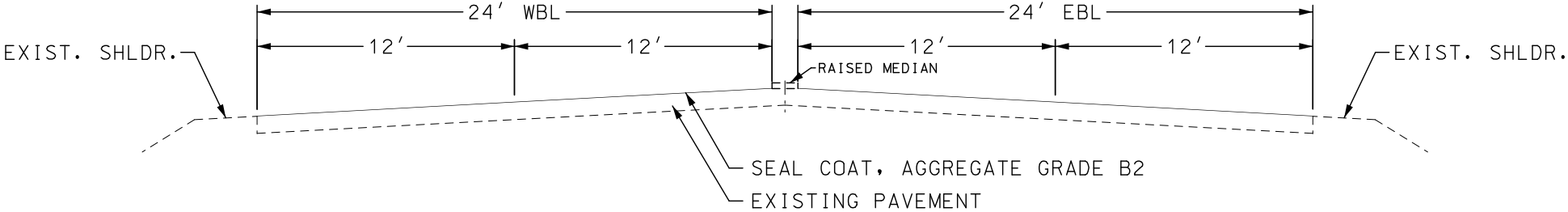
* SEE SPECIAL SHEET 1 OF 1 FOR CROSSOVER DETAILS



PROPOSED TYPICAL SECTION

ROUTE AB

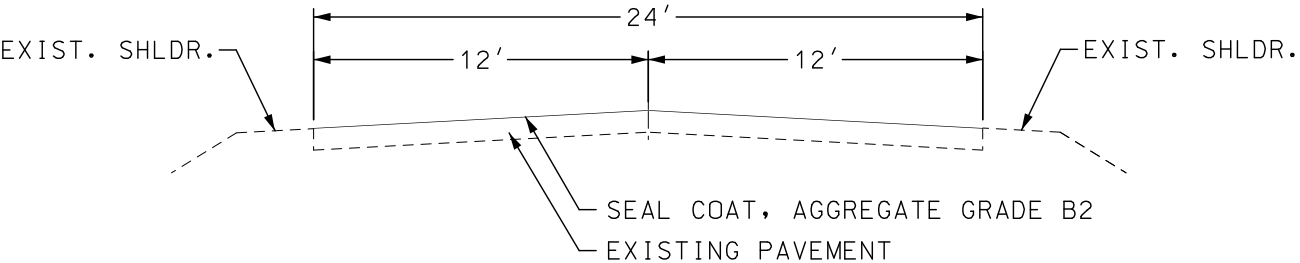
LM 0.139 TO LM 6.475



PROPOSED TYPICAL SECTION

ROUTE Z

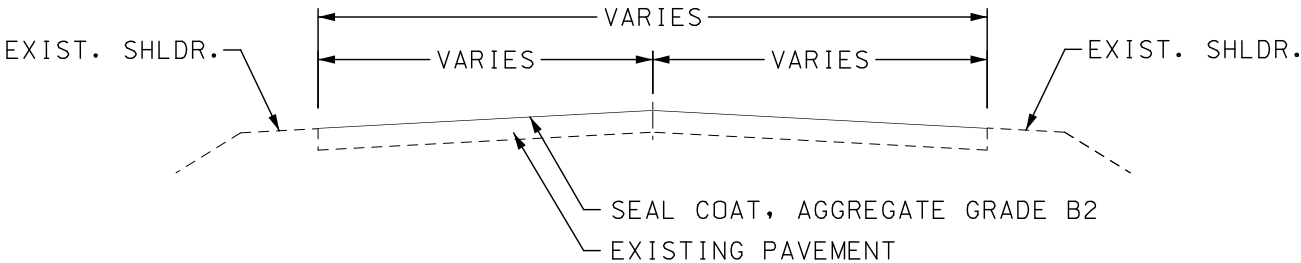
LM 7.439 TO LM 7.460



PROPOSED TYPICAL SECTION

ROUTE Z

LM 7.475 TO LM 8.090



PROPOSED TYPICAL SECTION

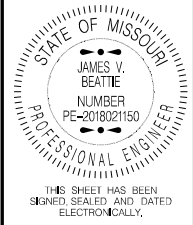
ROUTE Z

LM 7.460 TO LM 7.475

LM 8.090 TO LM 8.098

NOT TO SCALE

TYPICAL SECTIONS
SHEET 1 OF 1



DATE PREPARED 2/15/2024	
ROUTE AB & Z	STATE MO
DISTRICT CD	SHEET NO. 2
COUNTY PULASKI	
JOB NO. JCD0087	
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)

SEAL COAT, GRADE B2 – ROUTE AB (PULASKI COUNTY)								
LOG MILE	LOG MILE	LOCATION	LENGTH (FT)	WIDTH (FT)	AREA (SF)	SEAL COAT AGGREGATE GRADE B2 (SY)	EMULSIFIED ASPHALT SEAL COAT (GAL)	REMARKS
0.104	0.139	RTE. AB	184.80	VARIES	8442.9	938.1	262.7	BEGIN SEAL COAT AT I-44 / RTE. 133
0.139	6.430	RTE. AB	33216.48	22	730762.6	81195.8	22734.8	RTE. AB
6.430		RTE. AB	138.00	VARIES	5198.5	577.6	161.7	RTE. AB & 17 CROSSOVER (SEE SPECIAL SHEET)
6.430	6.475	RTE. AB	237.60	22	5227.2	580.8	162.6	RTE. AB
6.475	6.509	RTE. AB	179.52	VARIES	3419.7	380.0	106.4	END SEAL COAT AT RTE. 17
					SUB-TOTAL	83672.3	23428.2	
					USE	83672	23428	

SEAL COAT, GRADE B2 – ROUTE Z (PULASKI COUNTY)								
LOG MILE	LOG MILE	LOCATION	LENGTH (FT)	WIDTH (FT)	AREA (SF)	SEAL COAT AGGREGATE GRADE B2 (SY)	EMULSIFIED ASPHALT SEAL COAT (GAL)	REMARKS
7.439	7.460	RTE. Z	110.88	48	5322.2	591.4	165.6	BEGIN SEAL COAT
7.460	7.475	RTE. Z	79.20	VARIES	3254.4	361.6	101.2	RTE. Z (TAPER FROM 4 LANES TO 2 LANES)
7.475	8.090	RTE. Z	3247.20	24	77932.8	8659.2	2424.6	RTE. Z
8.090	8.098	RTE. Z	42.24	VARIES	1568.7	174.3	48.8	END SEAL COAT AT RTE. J
					SUB-TOTAL	9786.5	2740.2	
					USE	9787	2740	

CONSTRUCTION SIGNS (ROUTE AB & ROUTE Z)						
SIGN NO.	SIGN	SIGN (in)	AREA (sf)	QTY.	TOTAL AREA (sf)	DESCRIPTION
1	G020-1	60 x 24	10.00	2	20.00	ROAD WORK NEXT 7 MILES
2	W020-1	48 x 48	16.00	16	256.00	ROAD WORK AHEAD
7	W020-4	48 x 48	16.00	10	160.00	ONE LANE ROAD AHEAD
8	W020-7a	48 x 48	16.00	16	256.00	FLAGGER (SYMBOL) WITH FLAGS
11	W03-4	48 x 48	16.00	8	128.00	BE PREPARED TO STOP
26	G020-2	48 x 24	8.00	2	16.00	END ROAD WORK
35	W08-12	48 x 48	16.00	8	128.00	NO CENTER LINE
53	G020-4	36 x 18	4.5	2	9.00	PILOT CAR FOLLOW ME
56	CONST-7	48 x 24	8.00	4	32.00	RATE OUR WORK ZONE
57	W08-7a	48 x 48	16.00	14	224.00	FRESH OIL LOOSE GRAVEL
58	G020-8a	42 x 30	8.75	1	8.75	PILOT CAR IN USE WAIT & FOLLOW
58	G020-8a	18 x 12	1.50	7	10.50	PILOT CAR IN USE WAIT & FOLLOW
59	CONST-8	48 x 36	12.00	4	48.00	WORK ZONE NO PHONE ZONE
	G022-1	21 x 15	2.19	4	8.76	WET PAINT (ARROW PIVOTS)
					1305.01	
				TOTAL	1305	
616-10.05 – CONSTRUCTION SIGNS						

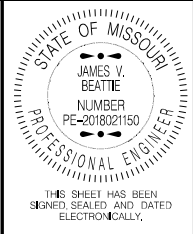
ADDITIONAL CONSTRUCTION ITEMS		
ITEM NO.	DESCRIPTION	QTY.
616-1025	CHANNELIZERS	160
616-1098A	MESSAGE BOARD	4

* IF LESS THAN TWO (2) MILES,
DELETE SIGN NO. 1.

** ADDITIONAL SIGN NO. 2 USED
AS SHOWN ON TRAFFIC CONTROL
SHEET 3 OF 5 AND AS DIRECTED
BY ENGINEER.

NOTE:

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



DATE PREPARED 2/15/2024	
ROUTE AB & Z	STATE MO
DISTRICT CD	SHEET NO. 3

COUNTY PULASKI
JOB NO. JCD0087
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)

PAVEMENT MARKING – ROUTE AB (PULASKI COUNTY)						
LOG MILE	LOG MILE	LENGTH (FT)	WATERBORNE PAINT, TYPE P BEADS			REMARKS
			4" INT. YELLOW L.F.	4" SOLID YELLOW L.F.	4" SOLID WHITE L.F.	
0.104	0.139	184.80		369.6	369.6	NO PASS BEGIN PROJECT
0.139	0.415	1457.28		2914.6	2914.6	NO PASS
0.415	0.535	633.60	158.4	633.6	1267.2	NO PASS / WB
0.535	0.576	216.48		433.0	433.0	NO PASS
0.576	0.715	733.92	183.5	733.9	1467.8	NO PASS / EB
0.715	0.955	1267.20		2534.4	2534.4	NO PASS
0.955	1.055	528.00	132.0	528.0	1056.0	NO PASS / WB
1.055	1.115	316.80		633.6	633.6	NO PASS
1.115	1.215	528.00	132.0	528.0	1056.0	NO PASS / EB
1.215	1.839	3294.72		6589.4	6589.4	NO PASS
1.839	2.039	1056.00	264.0	1056.0	2112	NO PASS / WB
2.039	2.220	955.68	238.9	955.7	1911.4	NO PASS / EB
2.220	3.600	7286.40		14572.8	14572.8	NO PASS
3.600	3.700	528.00	132.0	528.0	1056.0	NO PASS / WB
3.700	3.979	1473.12		2946.2	2946.2	NO PASS
3.979	4.059	422.40	105.6	422.4	844.8	NO PASS / EB
4.059	4.898	4429.92		8859.8	8859.8	NO PASS
4.898	5.018	633.60	158.4	633.6	1267.2	NO PASS / WB
5.018	5.079	322.08		644.2	644.2	NO PASS
5.079	5.198	628.32	157.1	628.3	1256.64	NO PASS / EB
5.198	5.377	945.12		1890.2	1890.2	NO PASS
5.377	5.518	744.48	186.1	744.5	1488.96	NO PASS / WB
5.518	5.558	211.20	52.8		422.4	
5.558	5.738	950.40	237.6	950.4	1900.8	NO PASS / EB
5.738	5.798	316.80		633.6	633.6	NO PASS
5.798	5.918	633.60	158.4	633.6	1267.2	NO PASS / WB
5.918	5.938	105.60		211.2	211.2	NO PASS
5.938	6.119	955.68	238.9	955.7	1911.4	NO PASS / EB
6.119	6.498	2001.12		4002.2	4002.2	NO PASS
6.498	6.509	58.08			116.2	END AT RTE. 17
6.430	6.456	137.28		274.6	274.56	NO PASS/RTE. AB & RTE. 17 CROSSOVER
		SUB-TOTAL	2535.7	57441.1	67911.4	
		TOTAL		59976.8	67911	
NOTE: ALL PAVEMENT MARKINGS TO MATCH EXISTING. LOCATE BEFORE MILLING OR RESURFACING.						

PAVEMENT MARKING – ROUTE Z (PULASKI COUNTY)							
LOG MILE	LOG MILE	LENGTH (FT)	WATERBORNE PAINT, TYPE P BEADS				REMARKS
			4" INT. YELLOW L.F.	4" SOLID YELLOW L.F.	4" INT. WHITE L.F.	4" SOLID WHITE L.F.	
7.439	7.480	216.48		865.9	108.2	433.0	BEGIN
7.480	7.580	528.00		1056.0		528.0	NO PASS / LT – EDGELINE
7.580	8.090	2692.80		5385.6			NO PASS
8.090	8.098	42.24					END AT RTE J
		SUB-TOTAL		7307.5	108.2	961.0	
		TOTAL		7308		1069.2	
NOTE: ALL PAVEMENT MARKINGS TO MATCH EXISTING. LOCATE BEFORE MILLING OR RESURFACING.							

PAVEMENT MARKING TOTALS								
LOG MILE	LOG MILE	LENGTH (FT)	WATERBORNE PAINT, TYPE P BEADS					REMARKS
			LOCATION	4" INT. YELLOW L.F.	4" SOLID YELLOW L.F.	4" INT. WHITE L.F.	4" SOLID WHITE L.F.	
0.104	6.509	33818.400	RTE. AB (PULASKI)	2535.7	57441.1		67911.4	
7.439	8.098	3479.520	RTE. Z (PULASKI)		7308.0	108.2	961.0	
			TOTAL	2535.7	64749.1	108.2	68872.4	
			USE		67285		68981	
NOTE: ALL PAVEMENT MARKINGS TO MATCH EXISTING. LOCATE BEFORE MILLING OR RESURFACING.								

MOBILIZATION
1 LUMP SUM

STATE OF MISSOURI

JAMES V. BEATTIE

NUMBER PE-2018021150

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED

2/15/2024

ROUTE

AB & Z

STATE

MO

DISTRICT

CD

SHEET NO.

3

COUNTY

PULASKI

JOB NO.

JCD0087

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

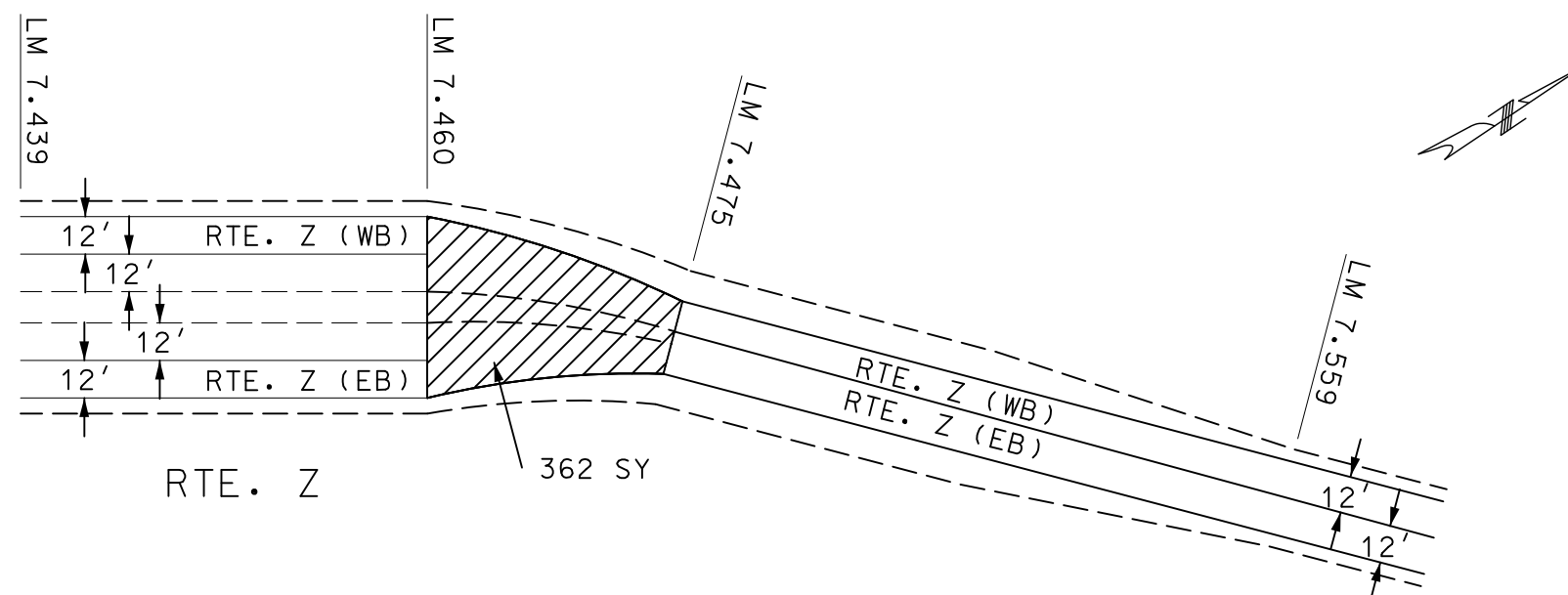
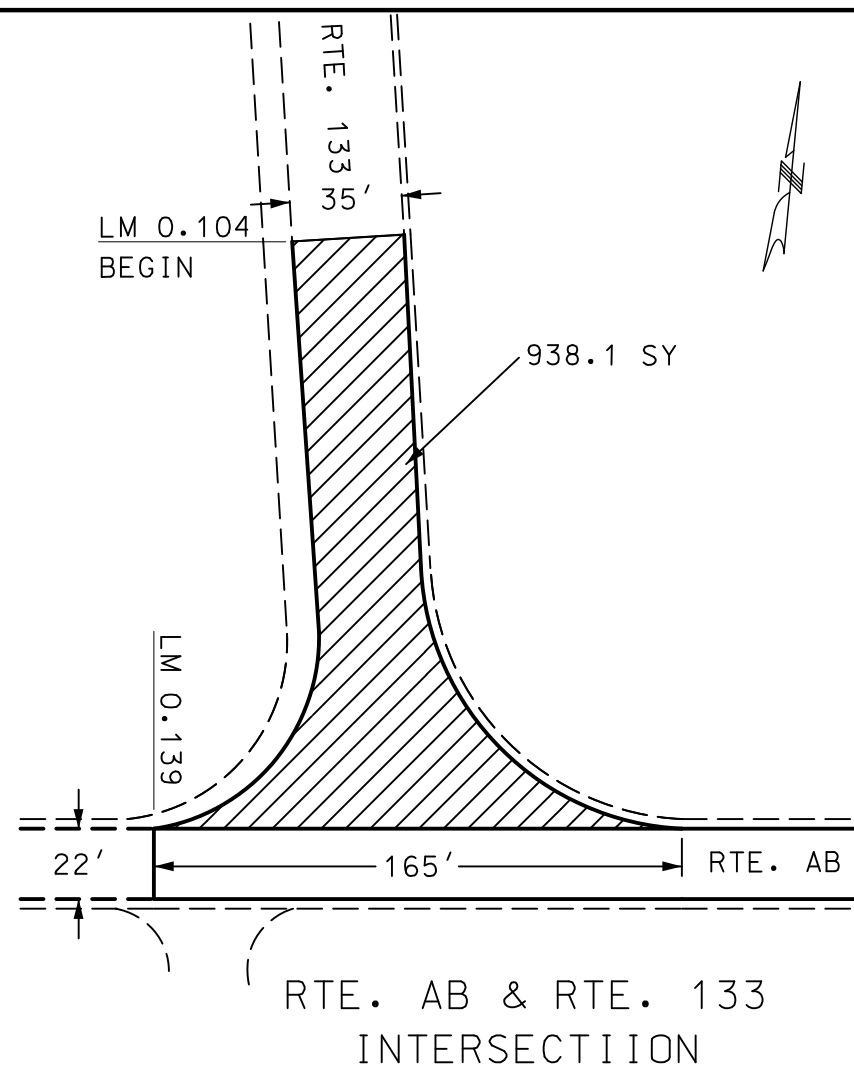
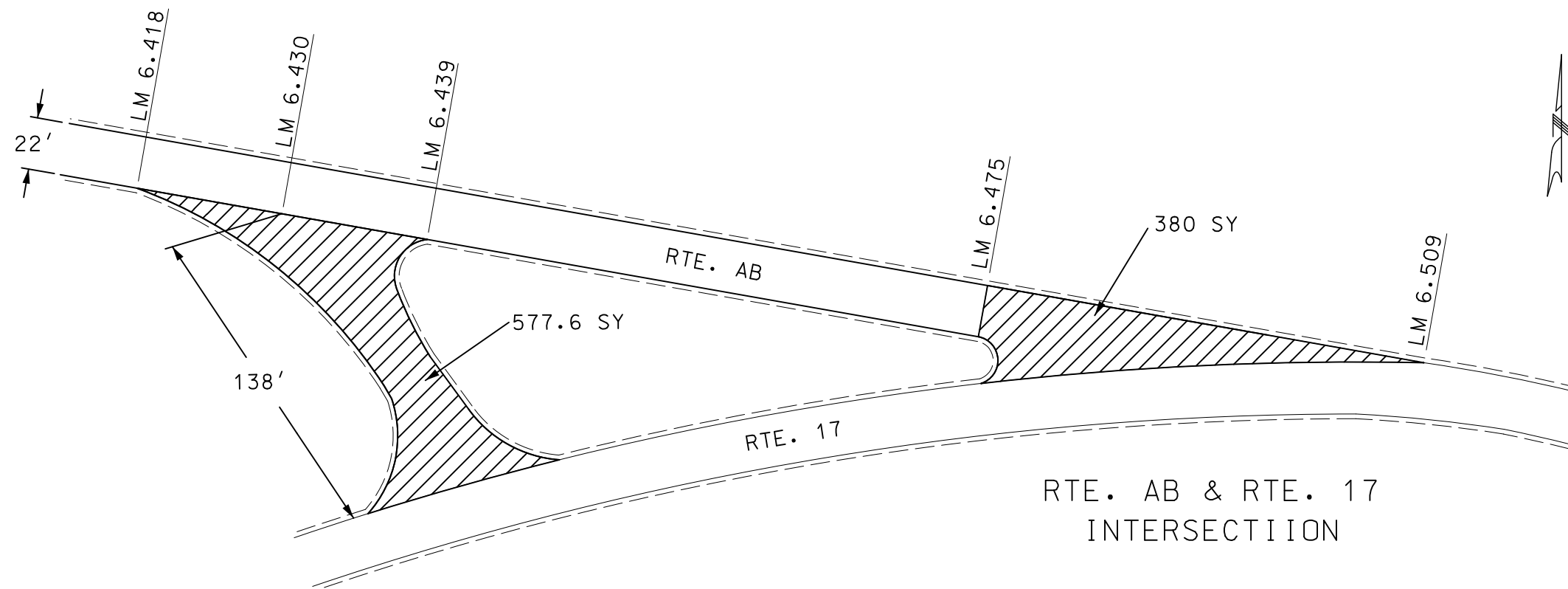
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

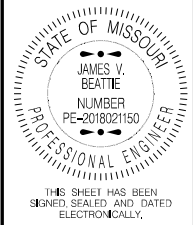
1-888-ASK-MODOT (1-888-275-6636)

MoDOT



NOT TO SCALE

SPECIAL SHEET
SHEET 1 OF 1



DATE PREPARED

ROUTE AB & Z	STATE MO
DISTRICT CD	SHEET NO. 4

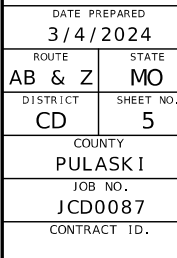
COUNTY	PULASKI
JOB NO.	JCD0087
CONTRACT ID.	

PROJECT NO.

BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



PROJECT NO.
BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102



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

PROVIDE SIGNS IN EACH DIRECTION ON TWO-WAY HIGHWAY.

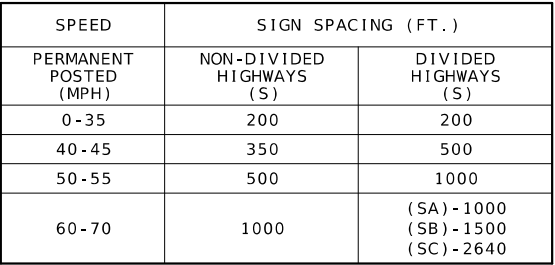
DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.



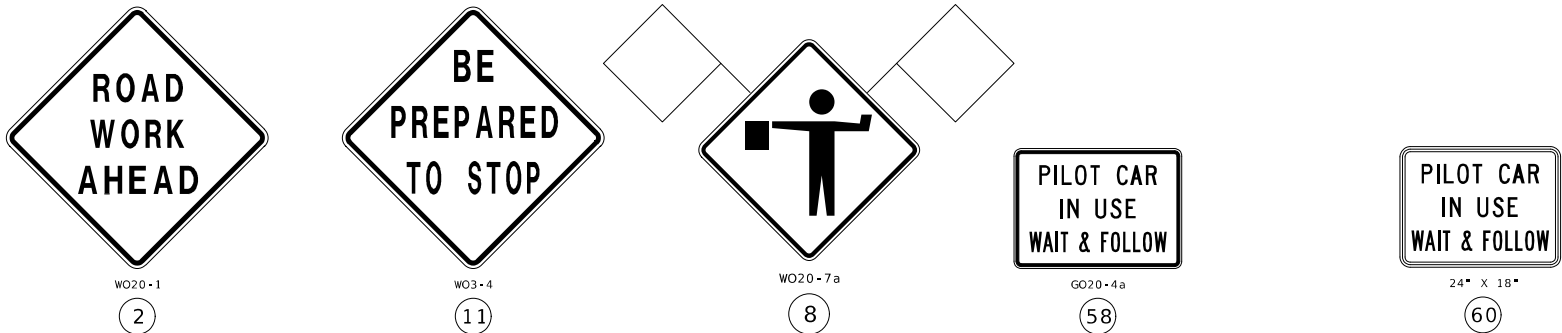
FOR ROUTE AB



TRAFFIC CONTROL
SHEET 1 OF 5

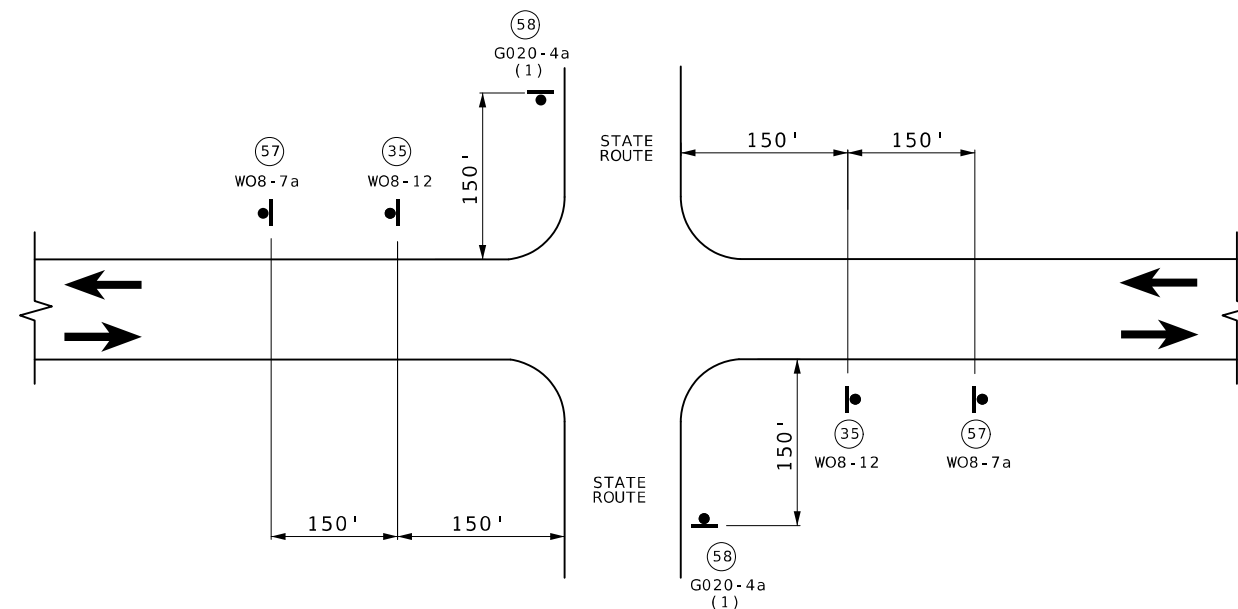
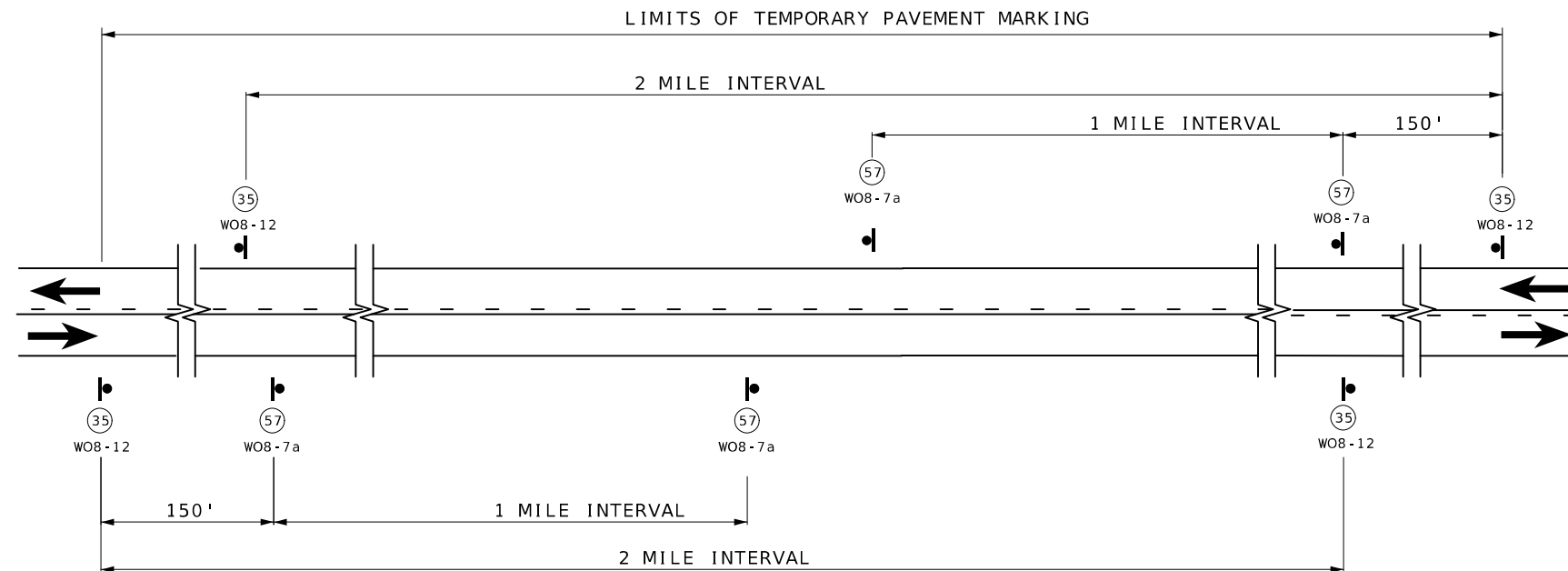


 - FLAGGER



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

[illegible]



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



NOTES:

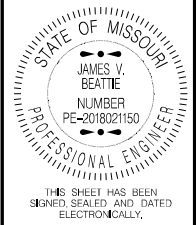
SIGN 35 AND TEMPORARY RAISED PAVEMENT MARKING (SEE STANDARD PLAN 620.10) INSTALLED WHERE CENTERLINE STRIPING HAS BEEN COVERED OR REMOVED. SIGNS ARE TO REMAIN IN PLACE UNTIL THE PERMANENT CENTERLINE PAVEMENT MARKINGS ARE IN PLACE. SIGNS SHALL BE COVERED OR REMOVED WHEN PAVEMENT CENTERLINE MARKING HAS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



DATE PREPARED

ROUTE AB & Z	STATE MO
DISTRICT CD	SHEET NO. 8

COUNTY
PULASKI

JOB NO.
JCD0087

CONTRACT ID.

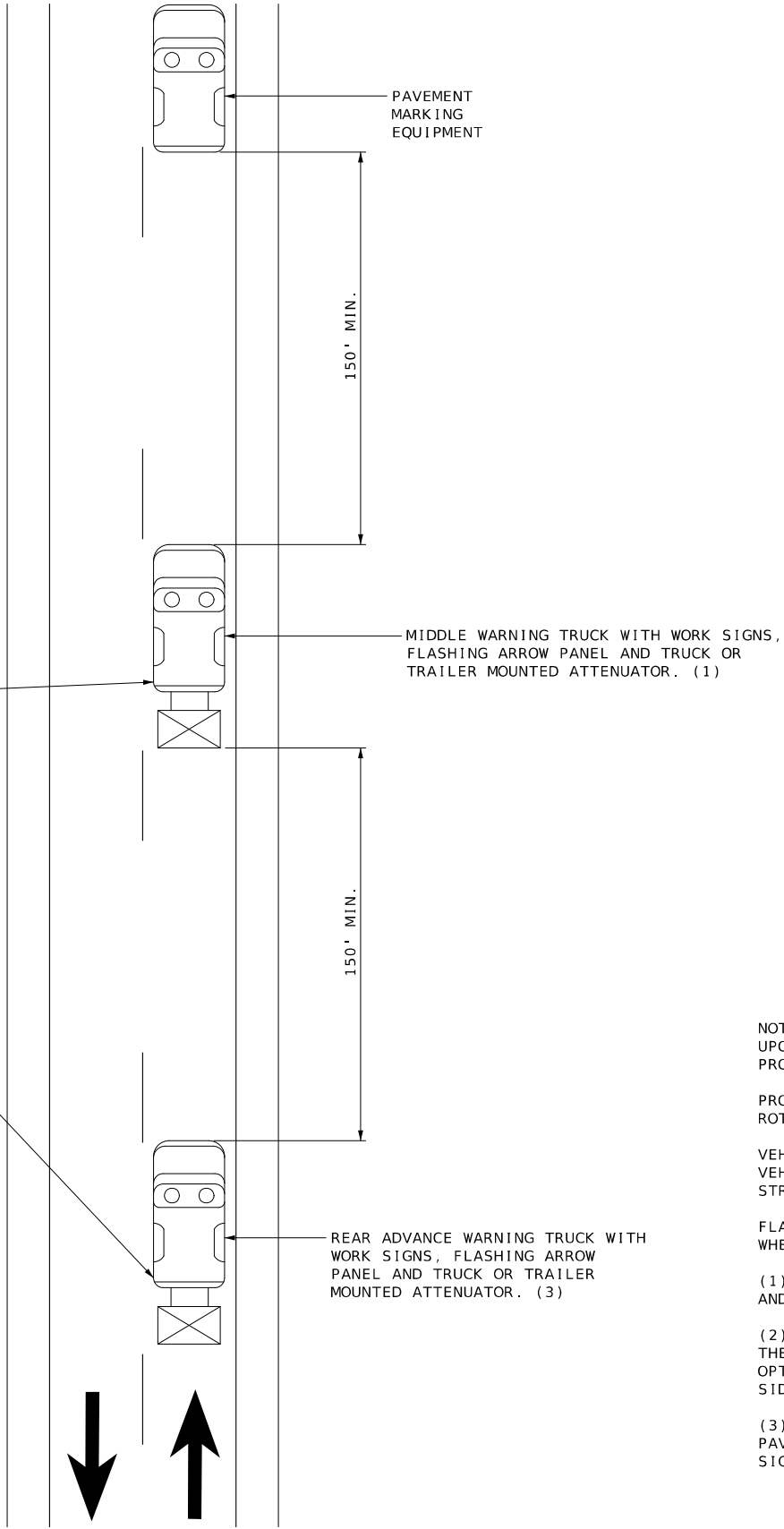
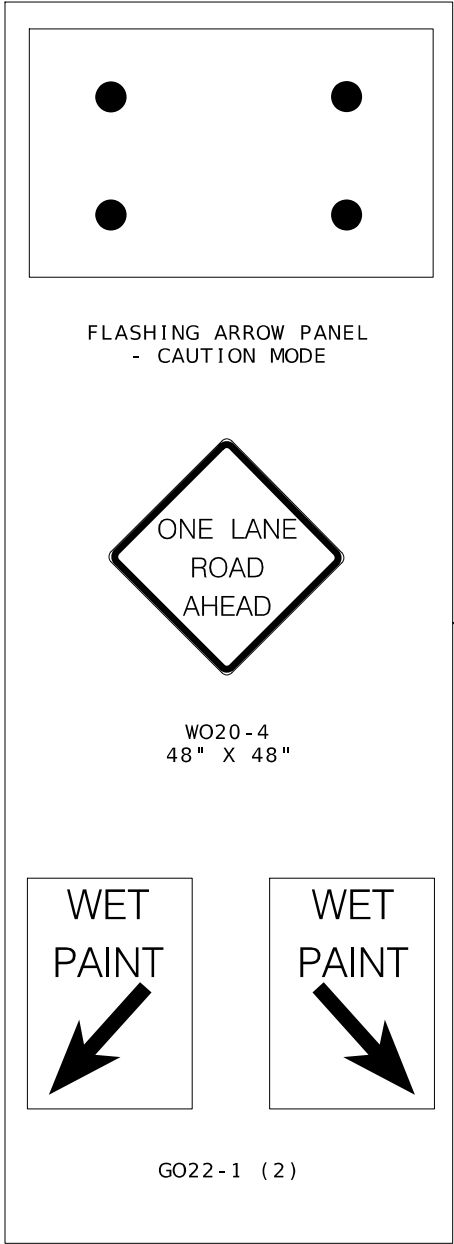
PROJECT NO.

BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-2-75-6636)



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

JAMES V. BEATTIE

NUMBER PE-2018021150

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED

3/4/2024

ROUTE

AB & Z

STATE

MO

DISTRICT

CD

SHEET NO.

9

COUNTY

PULASKI

JOB NO.

JCD0087

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)