

DESIGN DESIGNATION

ROUTE CC
A.A.D.T. - 2024 = 280
V = 45 - 55 M.P.H.

ROUTE H
A.A.D.T. - 2024 = 855
V = 30 - 55 M.P.H.

ROUTE J
A.A.D.T. - 2024 = 366
V = 55 M.P.H.

ROUTE O
A.A.D.T. - 2024 = 126
V = 55 M.P.H.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

**PLANS FOR PROPOSED
STATE HIGHWAY**

**BUCHANAN, CLINTON
AND CLAY COUNTIES
SURFACE LEVELING
PG58 - 28H**



INDEX OF SHEETS

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



THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
3/20/2025

ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
NW	1

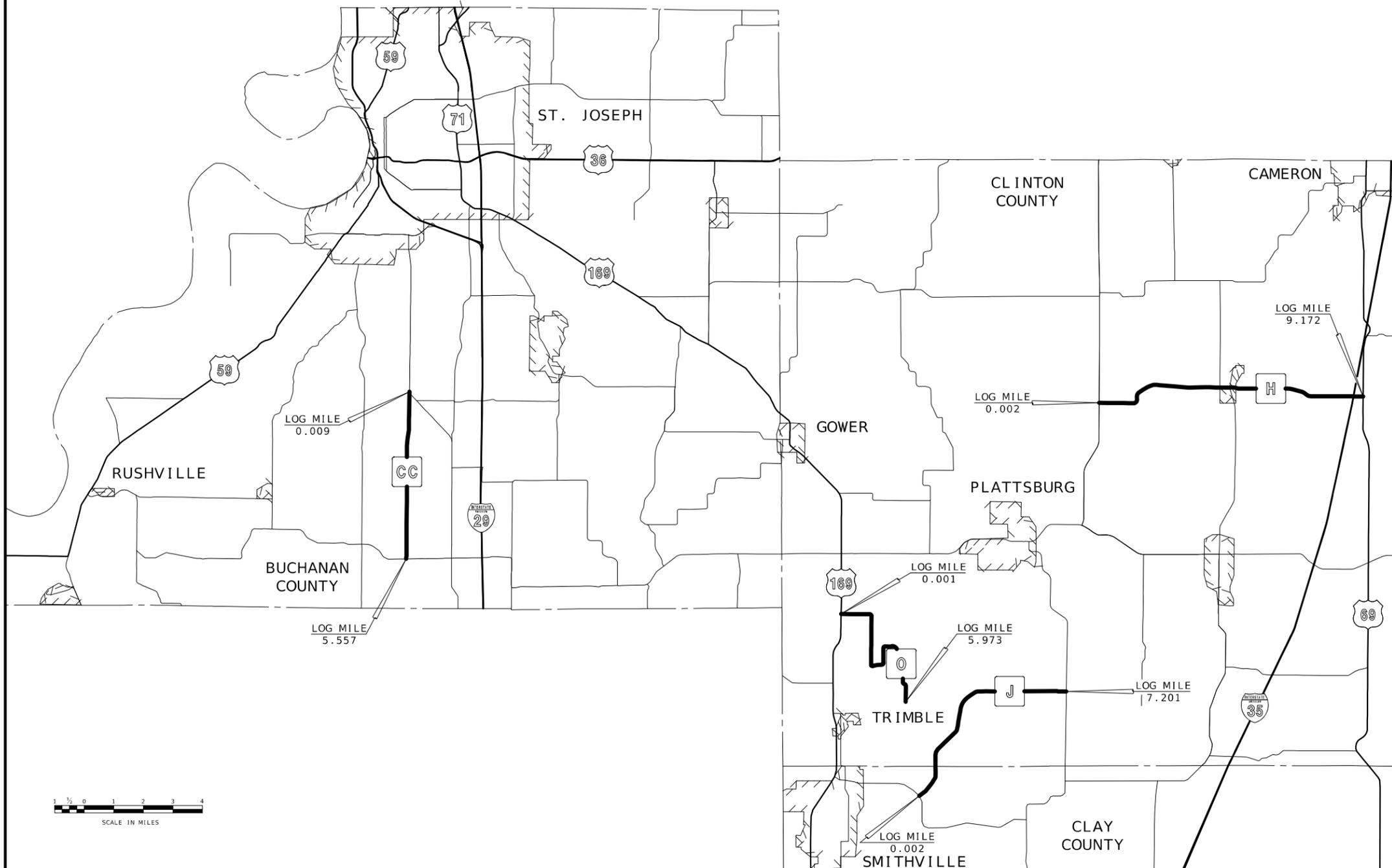
COUNTY
VARIOUS

JOB NO.
JNW0029

CONTRACT ID.

PROJECT NO.

BRIDGE NO.



LENGTH OF PROJECT

ROUTE	DATE	DESCRIPTION
ROUTE CC		
BEGINNING	LOG MILE 0.009	
END	LOG MILE 5.557	
APPARENT LENGTH	5.548	MILES
EQUATIONS AND EXCEPTIONS:		
BRIDGE #A2565 OVER SOUTH FORK BEE CREEK	LOG 1.980 TO LOG 2.011	-0.031 MILE
ROUTE H		
BEGINNING	LOG MILE 0.002	
END	LOG MILE 9.172	
APPARENT LENGTH	9.170	MILES
EQUATIONS AND EXCEPTIONS:		
BRIDGE #A6540 OVER LITTLE PLATTE RIVER	LOG 1.829 TO LOG 1.870	-0.041 MILE
BRIDGE #P0838 OVER SHOAL CREEK	LOG 6.997 TO LOG 7.026	-0.029 MILE
BRIDGE #A9110 OVER I-35	LOG 8.806 TO LOG 8.921	-0.115 MILE
ROUTE J		
BEGINNING	LOG MILE 0.002	
END	LOG MILE 7.201	
APPARENT LENGTH	7.199	MILES
EQUATIONS AND EXCEPTIONS:		NONE
ROUTE O		
BEGINNING	LOG MILE 0.001	
END	LOG MILE 5.973	
APPARENT LENGTH	5.972	MILES
EQUATIONS AND EXCEPTIONS:		
BRIDGE #A3631 OVER ROBERTS BRANCH	LOG 4.414 TO LOG 4.470	-0.056 MILE
NET LENGTH OF PROJECT	27.617	MILES
STATE LENGTH	27.617	MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0	ACRES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

RESURFACING - ROUTE J								
LOG MILE	LOG MILE	LENGTH L.F.	AVERAGE WIDTH FT.	MODIFIED COLDMILLING (DEPTH TRANSITIONS) S.Y.	TACK COAT GAL	BITUMINOUS PAVEMENT MIXTURE PG58-28H (SURFACE LEVELING) TON	PERMANENT AGGREGATE EDGE TREATMENT TON	REMARKS
0.004	0.009	26.40	VARIES	--	9.6	6.53	0.62	FROM END OF DEPTH TRANSITION TO END OF RADII AT ROUTE W
0.009	7.186	37894.56	20.30	--	6837.9	4653.55	654.97	FROM END OF RADII AT ROUTE W TO BEGINNING OF RADII AT ROUTE C
7.186	7.199	68.64	VARIES	--	26.9	18.30	1.37	FROM BEGINNING OF RADII AT ROUTE C TO BEGINNING OF DEPTH TRANSITION
7.199	7.201	10.00	VARIES	132.2	13.2	7.20	0.49	FROM BEGINNING OF DEPTH TRANSITION TO END OF PROJECT
--	--	--	--	--	--	2159.70	--	ADDITIONAL FOR SURFACE IRREGULARITIES (150 TONS/LANE MILE)
--	--	--	--	275.6	92.1	58.93	--	ADDITIONAL FOR JUNCTIONS AND ENTRANCES
SUBTOTALS				505.5	6989.5	6909.53	658.00	
PAY TOTALS				*	*	6909.5	658.0	

* SEE "MODIFIED COLDMILLING AND TACK COAT TOTALS" TABLE ON SUMMARY OF QUANTITIES SHEET 2 OF 5 FOR PAY TOTALS

COLD MIX PATCHING - ROUTE J		
ROUTE	REMOVAL OF DAMAGED PAVEMENT (S.Y.)	REPLACEMENT OF DAMAGED PAVEMENT (TONS)
J	295.64	118.26
SUBTOTAL	295.6	118.3

RESURFACING - ROUTE O								
LOG MILE	LOG MILE	LENGTH L.F.	AVERAGE WIDTH FT.	MODIFIED COLDMILLING (DEPTH TRANSITIONS) S.Y.	TACK COAT GAL	BITUMINOUS PAVEMENT MIXTURE PG58-28H (SURFACE LEVELING) TON	PERMANENT AGGREGATE EDGE TREATMENT TON	REMARKS
0.003	0.011	42.24	VARIES	--	12.7	8.64	0.87	FROM END OF DEPTH TRANSITION TO END OF RADII AT ROUTE 169
0.011	4.409	23221.44	20.70	--	4272.7	2907.84	401.36	FROM END OF RADII AT ROUTE 169 TO BEGINNING OF DEPTH TRANSITION
4.409	4.414	25.00	20.70	57.5	5.8	3.13	0.43	FROM BEGINNING OF DEPTH TRANSITION TO BRIDGE #A3631 EXCEPTION
4.470	4.475	25.00	20.70	57.5	5.8	3.13	0.43	FROM END OF BRIDGE #A3631 EXCEPTION TO END OF DEPTH TRANSITION
4.475	5.968	7883.04	20.70	--	1450.5	987.13	136.25	FROM END OF DEPTH TRANSITION TO BEGINNING OF DEPTH TRANSITION
5.968	5.973	25.00	20.70	57.5	5.8	3.13	0.43	FROM BEGINNING OF DEPTH TRANSITION TO END OF PROJECT
--	--	--	--	--	--	1791.60	--	ADDITIONAL FOR SURFACE IRREGULARITIES (150 TONS/LANE MILE)
--	--	--	--	58.9	45.8	36.15	--	ADDITIONAL FOR JUNCTIONS AND ENTRANCES
SUBTOTALS				328.2	5808.8	5746.02	540.30	
PAY TOTALS				*	*	5746.0	540.3	

* SEE "MODIFIED COLDMILLING AND TACK COAT TOTALS" TABLE ON SUMMARY OF QUANTITIES SHEET 2 OF 5 FOR PAY TOTALS

COLD MIX PATCHING - ROUTE O		
ROUTE	REMOVAL OF DAMAGED PAVEMENT (S.Y.)	REPLACEMENT OF DAMAGED PAVEMENT (TONS)
O	242.91	97.16
SUBTOTAL	242.9	97.2

MODIFIED COLDMILLING AND TACK COAT TOTALS			
TABLE	SUMMARY OF QUANTITIES SHEET NUMBER	SUBTOTALS	
		MODIFIED COLDMILLING (DEPTH TRANSITIONS) S.Y.	TACK COAT GAL
		RESURFACING - ROUTE CC	1 OF 5
RESURFACING - ROUTE H	1 OF 5	916.2	8972.5
RESURFACING - ROUTE J	2 OF 5	505.5	6989.5
RESURFACING - ROUTE O	2 OF 5	328.2	5808.8
TOTALS		3495.6	27116.4
PAY TOTALS		3496	27116

COLD MIX PATCHING TOTALS		
ROUTE	REMOVAL OF DAMAGED PAVEMENT (S.Y.)	REPLACEMENT OF DAMAGED PAVEMENT (TONS)
CC	226.5	90.6
H	368.9	147.6
J	295.6	118.3
O	242.9	97.2
PAY TOTAL	1,133.9	453.7

SUMMARY OF QUANTITIES
SHEET 2 OF 6



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
3/24/2025

ROUTE STATE
VAR. MO
DISTRICT SHEET NO.
NW 3

COUNTY

VARIOUS

JOB NO.

JNW0029

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)





THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 3/20/2025	
ROUTE VAR.	STATE MO
DISTRICT NW	SHEET NO. 8
COUNTY VARIOUS	
JOB NO. JNW0029	
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)

NOTES:

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

PROTECTIVE TRUCKS 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.

VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

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

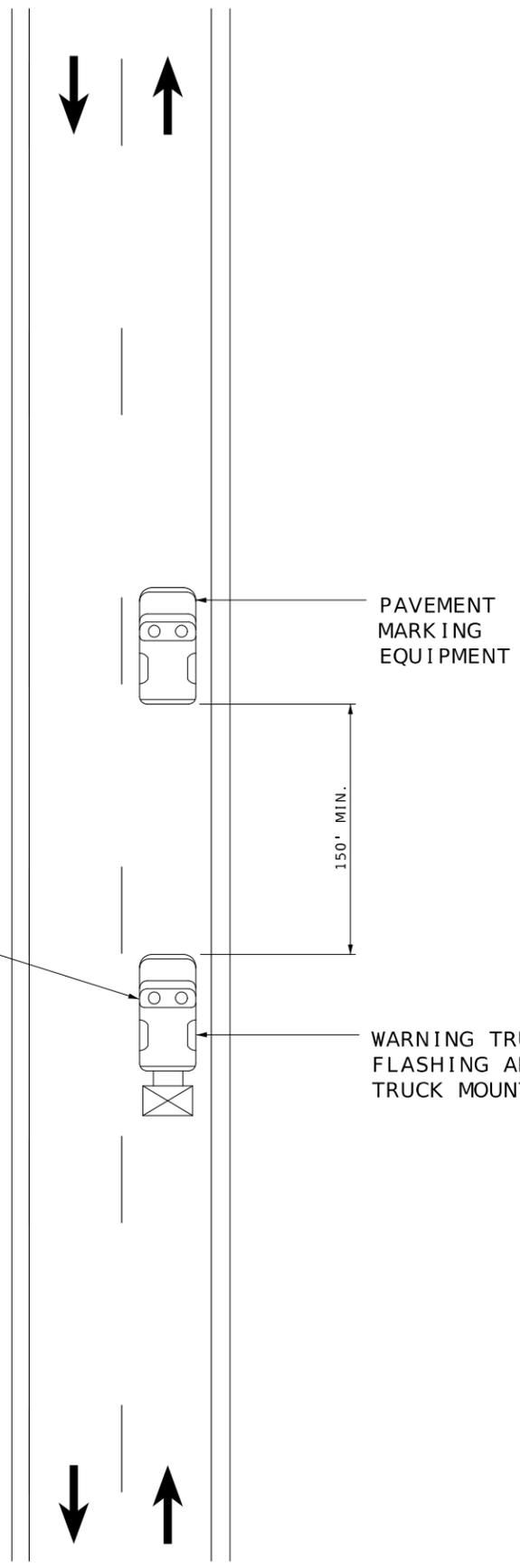
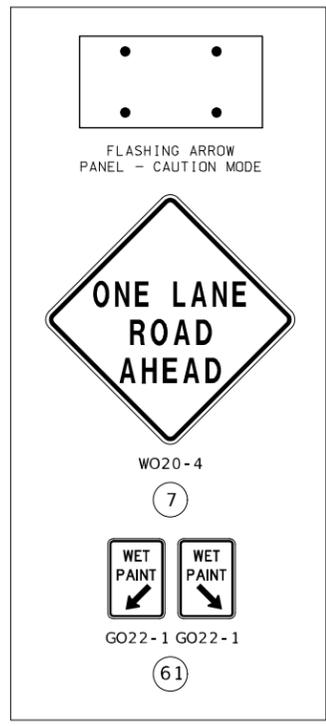
FLASHING ARROW PANELS SHALL, AS A MINIMUM, BE TYPE B, WITH A SIZE OF 60 X 30 INCHES.

A FLASHING ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED. WHEN MORE THAN ONE LANE CLOSED, A SEPARATE FLASHING ARROW BOARD SHALL BE USED FOR EACH CLOSED LANE.

(1) 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.

(2) WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL, OR SPACING SHOWN, WHICH EVER IS GREATER.

* TMA COST IS INCIDENTAL - NO DIRECT PAY



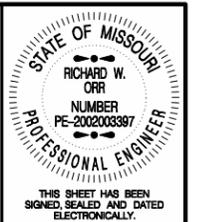
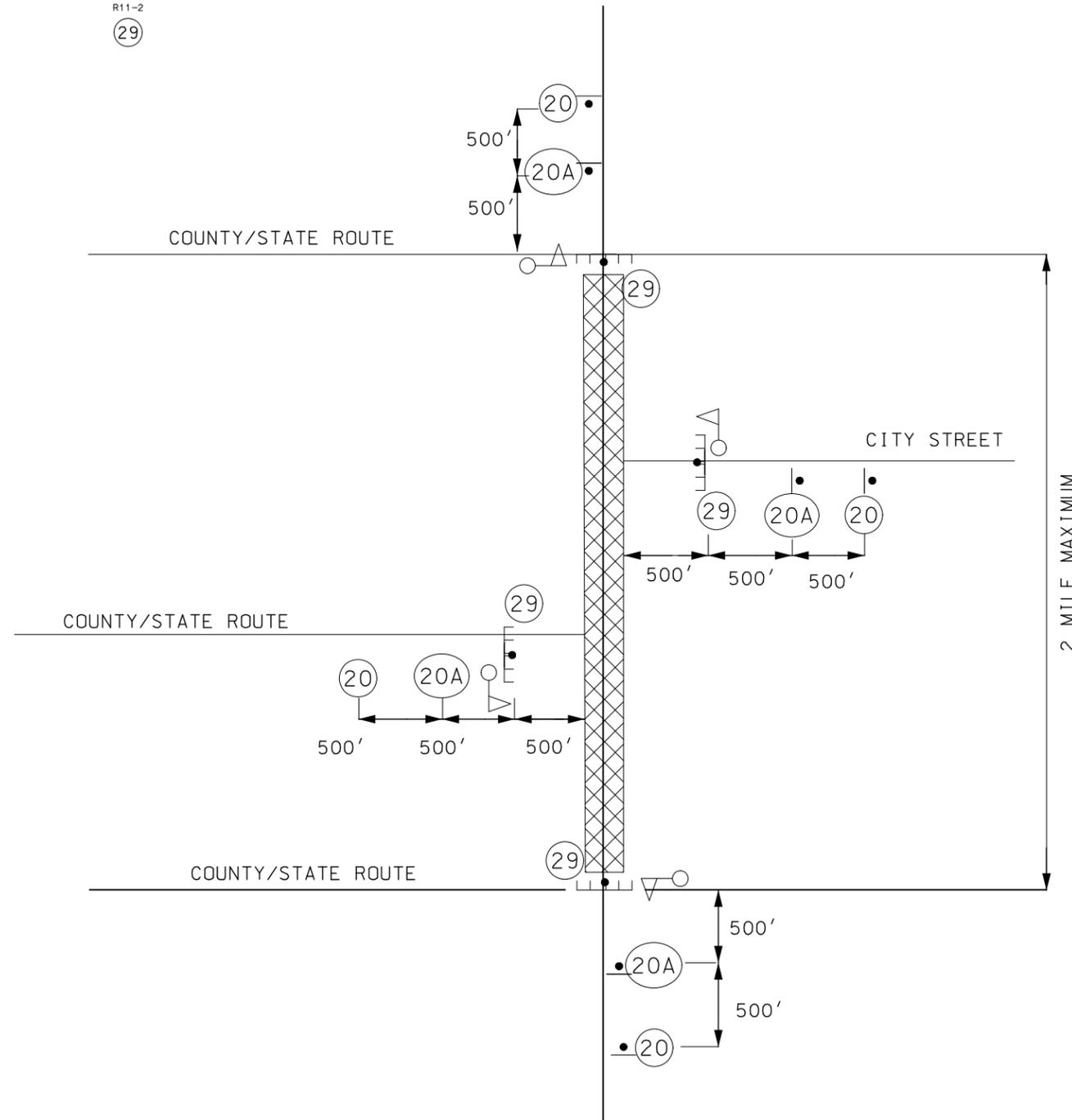
STRIPING OPERATIONS

NOT TO SCALE



TRAFFIC CONTROL LEGEND

- = SIGN
- = FLAGGER
- = TYPE III BARRICADE
- = WORK AREA



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DATE PREPARED: 3/20/2025

ROUTE	STATE
VAR.	MO
DISTRICT	SHEET NO.
NW	10

COUNTY: VARIOUS
 JOB NO.: JNW0029
 CONTRACT ID.:
 PROJECT NO.:
 BRIDGE NO.:

DATE	DESCRIPTION

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

NOT TO SCALE

NOTE: THIS SHEET IS SUPPLEMENTAL TO STANDARD PLAN 616.20
 OPTIONAL ROAD CLOSURE

OPTIONAL ROAD CLOSURE
 TRAFFIC CONTROL
 SHEET 6 OF 6