DESIGN DESIGNATION

LOCATION OF XXX COUNTY

A.A.D.T. - 20XX = XXXXV = XX M.P.H. MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED

STATE HIGHWAY



# INDEX OF SHEETS

DESCRIPTION	SHEE7 NUMBE
TITLE SHEET	- 1
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QUANTITIES (QU) (1 SHEET)	- 3
SPECIAL SHEET (SS)	- 4
TRAFFIC CONTROL SHEETS (TC)	- 5 - 9

		FI FCTRONICALLY SFALE
DATE PF	REPARED	Z
4/7/	2023	TRO
ROUTE	STATE <b>MO</b>	FI FC
DISTRICT	sheet no. $1$	BFFN
COU	NTY	HAS F
	NO.	L
	ACT ID.	IS SHFFT
PROJE	CT NO.	S

BRIDGE NO.

# LENGTH OF PROJECT

BEGINNING OF PROJECT END OF PROJECT

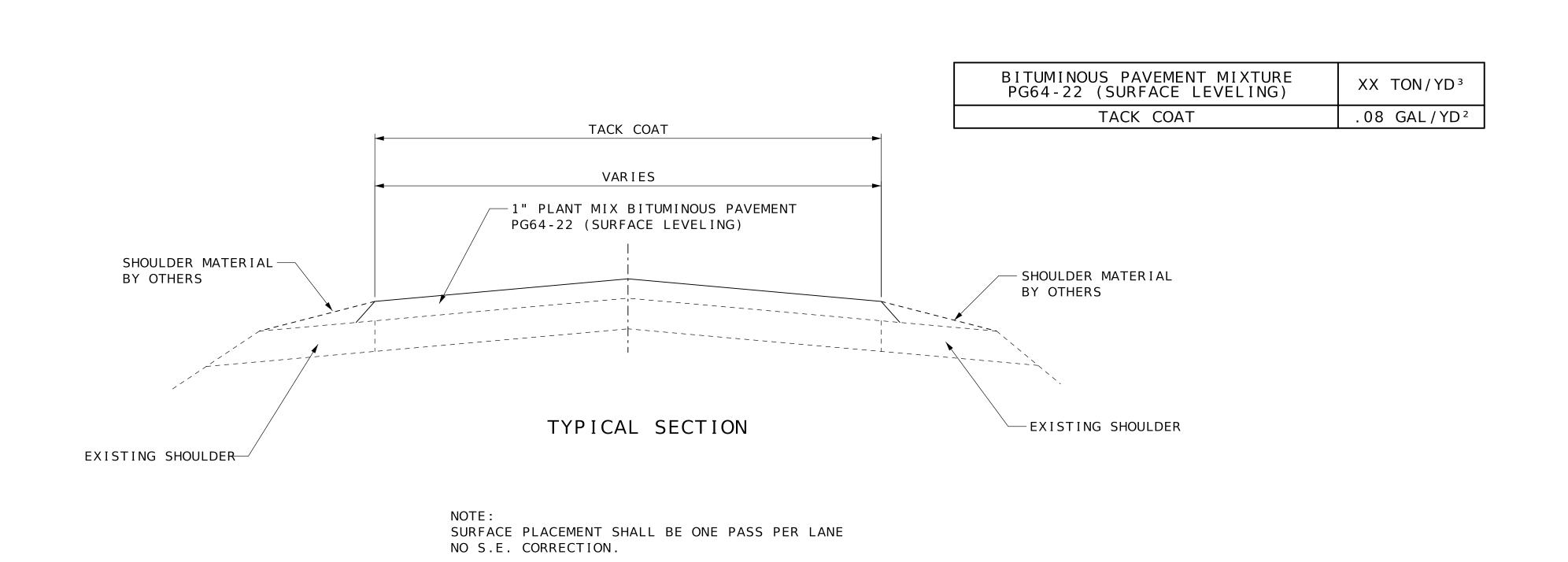
XX.XXX MILES APPARENT LENGTH

EQUATIONS AND EXCEPTIONS:

NET LENGTH OF PROJECT STATE LENGTH

XX.XXX MILES

TOTAL CORRECTIONS



DATE PREPARED 4/7/2023 DISTRICT SHEET NO. COUNTY JOB NO. CONTRACT ID. PROJECT NO. BRIDGE NO.

TYPICAL SECTION SHEET 1 OF 1

	BITUMINOUS PAVEMENT					64-22 SURFACE LEVELING
LOG MILE	LOG MILE	NET	AVERAGE	QUANT I TY	TACK	REMARKS
		LENGTH	WIDTH			
		MILES	FEET	TONS (1)	GALLONS	
			TOTALS			

(1) SEE SHEET 2, FOR APPLICATION RATE

BITUM	INOUS	PAVEMENT	MIXTURE PG	64-22 SURFACE	LEVELING (INTERSECTIONS/ENTRANCES)
LOG MILE	NET	AVERAGE	QUANTITY	TACK	REMARKS
	LENGTH	WIDTH			
	MILES	FEET	TONS(1)	GALLONS	
		TOTALS			

MOD I F	IED COL	D MILLI	NG (DEPTH TRANSITION)
LOG MILE	LOG MILE	QUANTITY	REMARKS
		SQ.YD.	
CTATE D		TDANCEC	
SIAIE R	OUTE EN	TRANCES	
	TOTAL		

STANDA	ARD WATE	RBORNE I	MARK I NG	PAINT	4 "	YELLOW
LOG MILE	LOG MILE	QUANT I TY EACH	R	EMARKS		
	TOTAL					

STAND	ARD W	'ATEF	RBORNE	MARKING	PAINT	4 "	WHITE
LOG MILE	LOG M	ILE Q	UANT I TY	R	EMARKS		
			EACH				
	TOT 4						
	TOTA	\L					
NOTE: TEMPOR WITH 620.10.	ARY AND	PERMA	NENT PAVE	MENT MARKING	SHALL BE	IN.	ACCORDANCE

	CONSTRUCTION SIGNING										
S I GN NO .	SIGN	SIZE (in.)	AREA (ft.²)	QTY.	TOTAL AREA (ft.²)	DESCRIPTION					
1 *	GO20 - 1	60 x 24	10.00	2	20	ROAD WORK NEXT XX MILES 1 2-XX MILES					
2 **	WO20-1	48 x 48	16.00	Х	XX.XX	ROAD WORK AHEAD					
7	WO20-4	48 x 48	16.00	Х	XX.XX	ONE LANE ROAD AHEAD					
8	WO20-7a	48 x 48	16.00	Х	XX.XX	FLAGGER (SYMBOL) WITH FLAGS					
11	WO3 - 4	48 x 48	16.00	Х	XX.XX	BE PREPARED TO STOP					
26	GO20 - 2	48 x 24	8.00	2	16	END ROAD WORK					
35)	WO8 - 12	48 x 48	16.00	Х	XX.XX	NO CENTER LINE					
36	WO8 - 11	48 x 48	16.00	Х	XX.XX	UNEVEN LANES					
53	GO20 - 4	36 x 18	4.5	Х	XX.XX	PILOT CAR FOLLOW ME					
56	CONST - 7	48 x 24	8.00	2	16	RATE OUR WORK ZONE					
58	GO20 - 4a	42 x 30	8.75	Х	XX.XX	PILOT CAR IN USE WAIT & FOLLOW					
58	GO20-4a	18 x 12	1.50	Х	XX.XX	PILOT CAR IN USE WAIT & FOLLOW					
59	CONST - 8	48 x 36	12.00	2	24	WORK ZONE NO PHONE ZONE					
	GO22-1	21 X 15	2.19	Х	XX.XX	WET PAINT (ARROW PIVOTS)					
616-10 CONSTR	.05 UCTION SIGN	NS TOTAL	<b>'</b>		XXX.XX						

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

DATE PREPARED 4/7/2023

DISTRICT SHEET NO.

COUNTY

JOB NO.

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

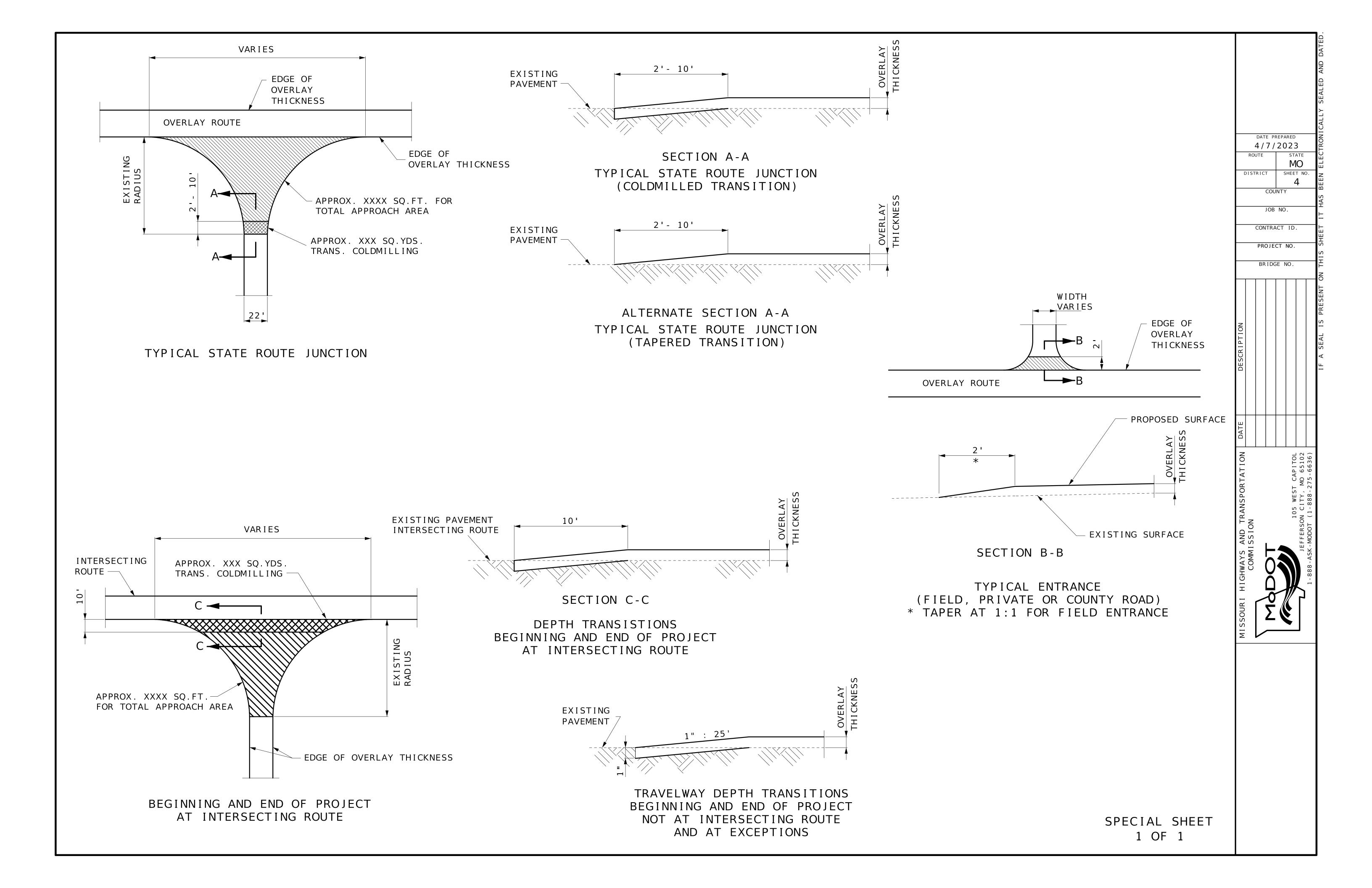
NOTE:

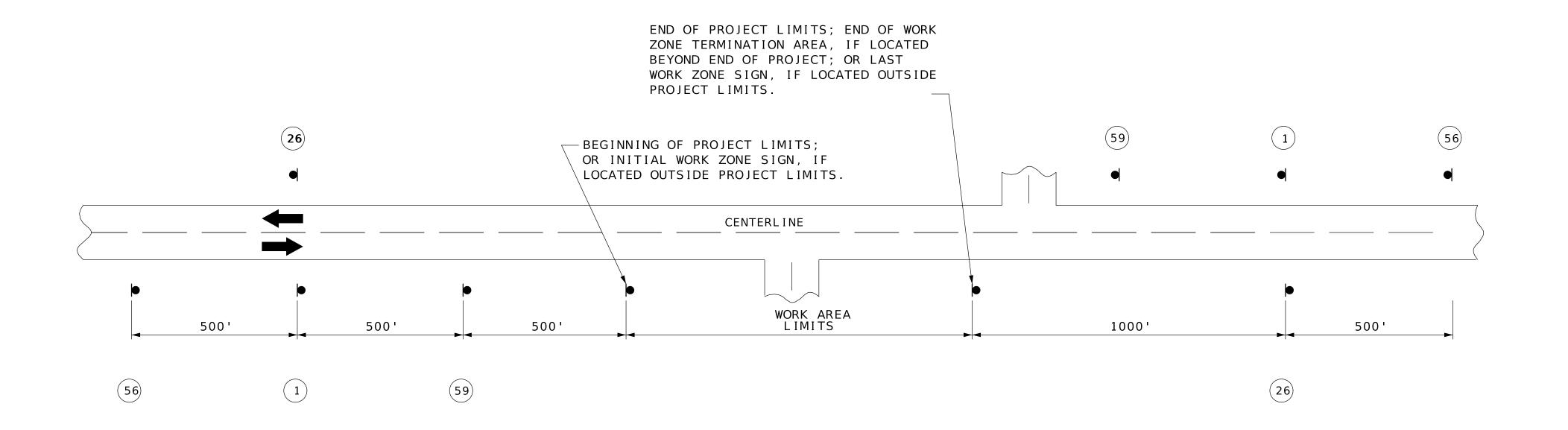
REFER TO STANDARD PLANS 616.10 AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.

SUMMARY OF QUANTITIES
SHEET 1 OF 1

ITEM NO.	QTY.	DESCRIPTION			
616-10.25	10	CHANNELIZERS (TRIM-LINE)			
612-30.00A	Х	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)			

MOBILIZATION	
1 LUMP SUM	





NOTES:

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

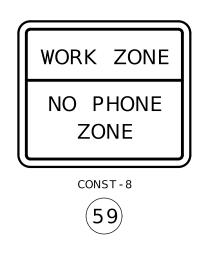
PROVIDE SIGNS IN EACH DIRECTION ON TWO-WAY HIGHWAY.

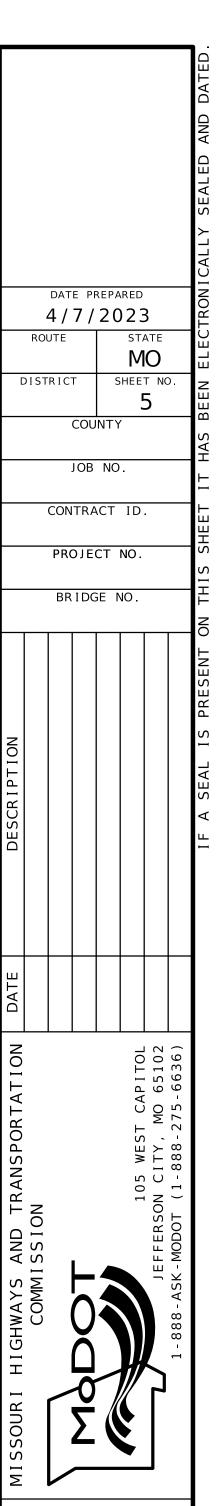
DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.

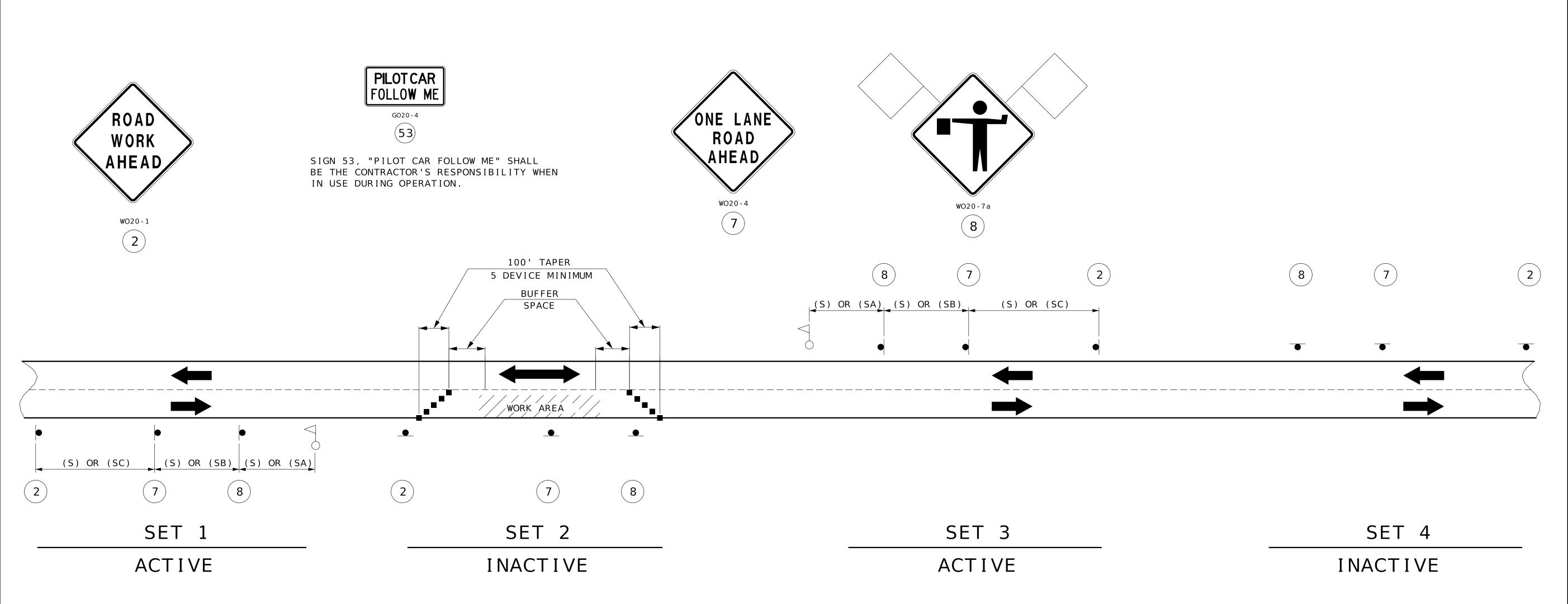












SIGN SETS 1 AND 3 ARE ACTIVE AND (I.E., SIGNS FACE ONCOMING TRAFFIC).

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		CING (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

#### NOTES:

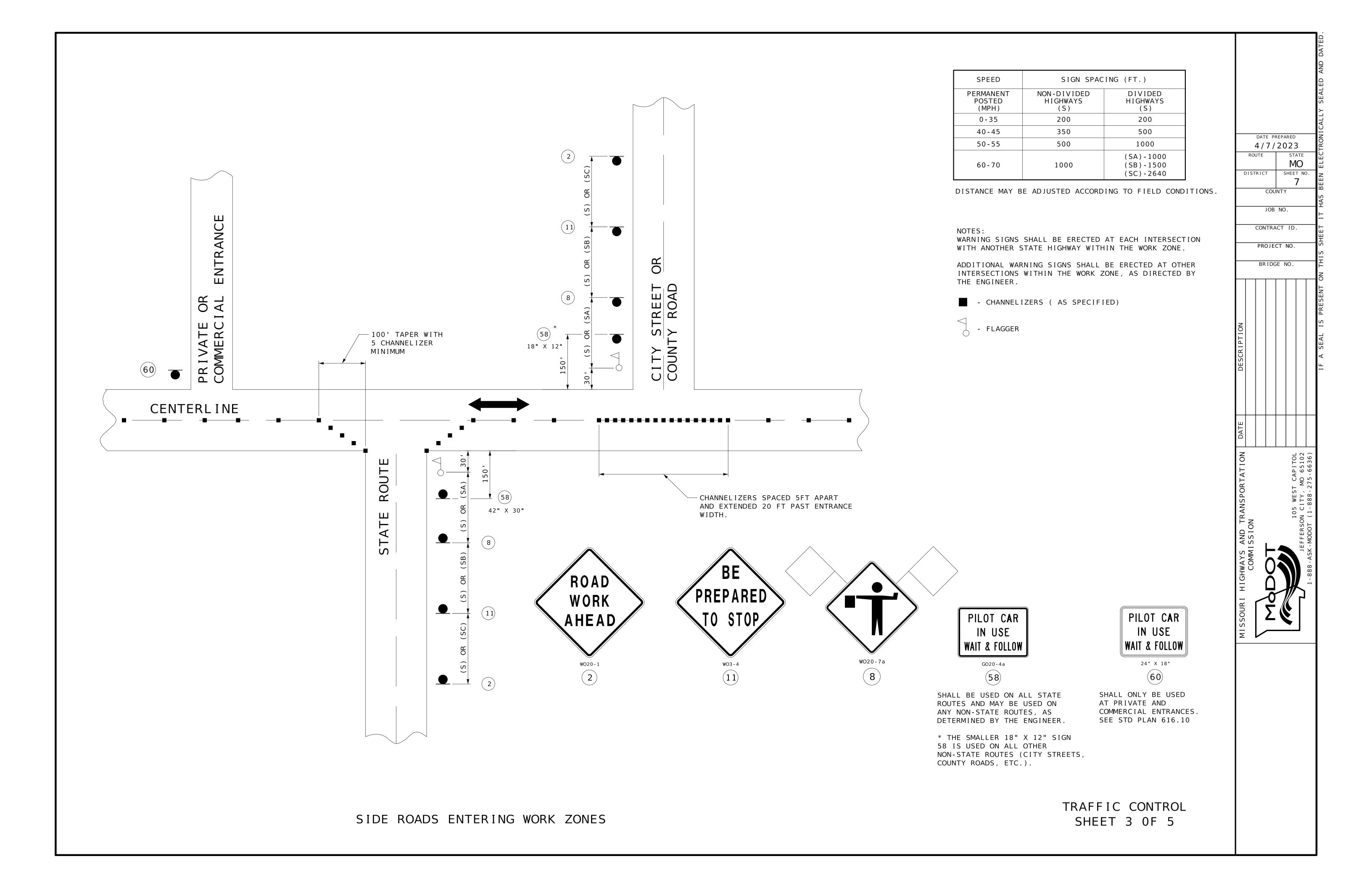
(1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION.

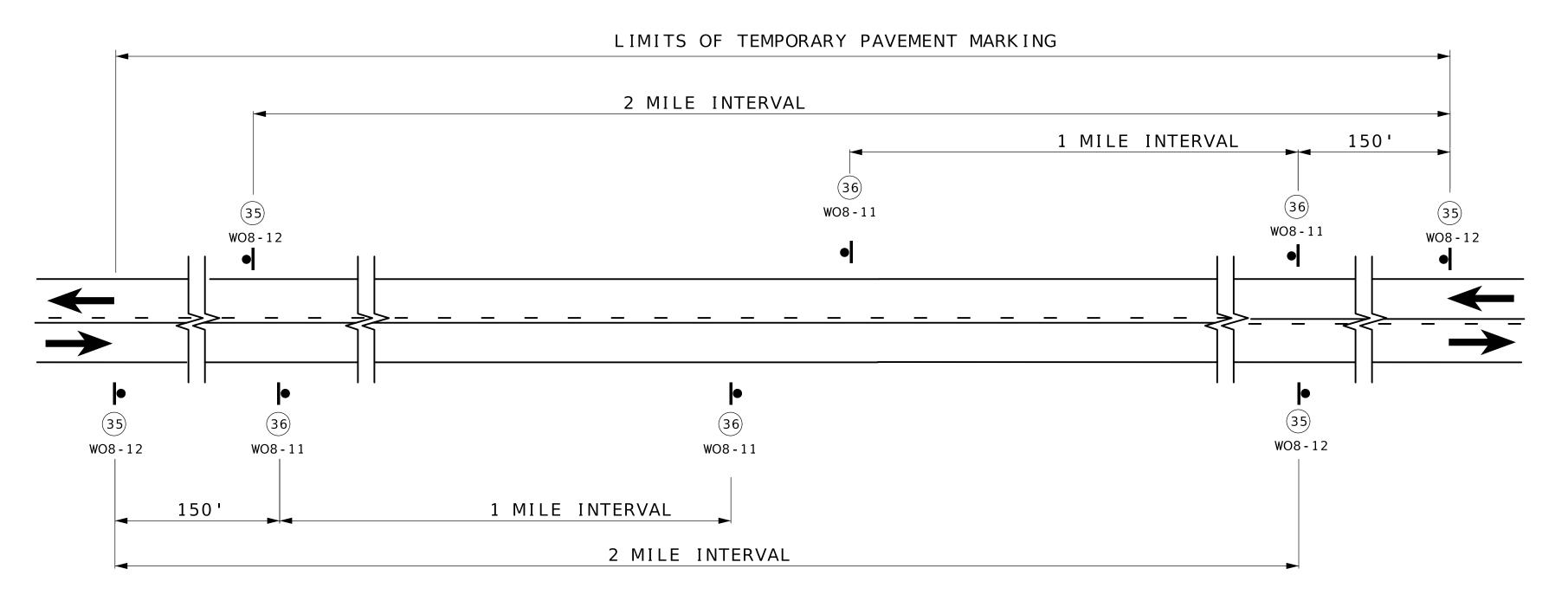
SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

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

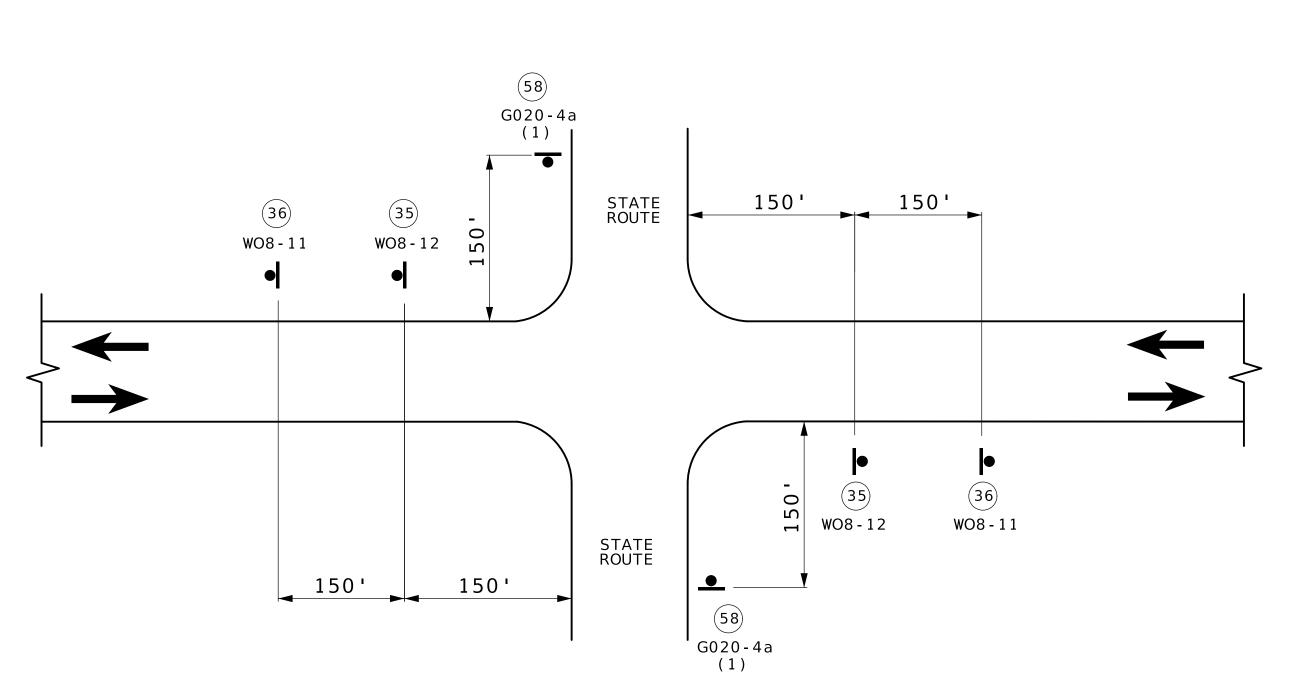
DATE PREPARED 4/7/2023 DISTRICT COUNTY JOB NO. CONTRACT ID. PROJECT NO. BRIDGE NO.

TRAFFIC CONTROL SHEET 2 OF 5





## SIGN SPACING AND TEMPORARY STRIPING FOR MAINLINE



# SIGN SPACING AT STATE ROUTE INTERSECTIONS SHOWING TEMPORARY STRIPING FOR MAINLINE

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





NOTES:

PILOT CAR

IN USE

WAIT & FOLLOW

GO20-4a

58

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.

DATE PREPARED 4/7/2023 DISTRICT COUNTY JOB NO. CONTRACT ID. PROJECT NO. BRIDGE NO.

TRAFFIC CONTROL SHEET 4 OF 5

