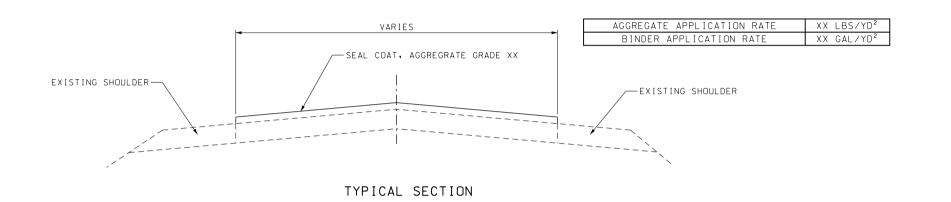
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION DESIGN DESIGNATION INDEX OF SHEETS A.A.D.T - XXXX = XXXXPLANS FOR PROPOSED V = XX M.P.H SHEET DESCRIPTION NUMBER STATE HIGHWAY TITLE SHEET ----- 1 TYPICAL SECTIONS (TS) (1 SHEET)-----2 5/25/2021 QUANTITIES (QU) (1 SHEET)-----3 TRAFFIC CONTROL (TC)-----4-8 MO CONTRACT ID. BRIDGE NO. LENGTH OF PROJECT BEGINNING OF PROJECT END OF PROJECT APPARENT LENGTH EQUATIONS AND EXCEPTIONS: TOTAL CORRECTIONS NET LENGTH OF PROJECT STATE LENGTH



DATE PREPARED

5/25/2021

ROUTE STATE MO

STRICT SHEET NO.

2

COUNTY JOB NO. CONTRACT ID. BRIDGE NO.

CONSTRUCTION SIGNING								
SIGN NO.	SIGN	SIZE (in.)	AREA	QTY.	TOTAL AREA (ft.²)	DESCRIPTION		
2 **	WO20-1	48 × 48	16.00	Х	XX.XX	ROAD WORK AHEAD		
7	WO20-4	48 × 48	16.00	Х	XX.XX	ONE LANE ROAD AHEAD		
8	W020-7a	48 × 48	16.00	Х	xx.xx	FLAGGER (SYMBOL) WITH FLAGS		
1)*	G020-1	60 x 24	10.00	2	20	ROAD WORK NEXT XX MILES 1 2-XX MILES		
26	G020-2	48 × 24	8.00	2	16	END ROAD WORK		
35)	WO8-12	48 × 48	16.00	Х	XX.XX	NO CENTER LINE		
53	G020-4	36 × 18	4.5	Х	XX.XX	PILOT CAR FOLLOW ME		
(57)	W08-7a	36 × 36	9.00	Х	XX.XX	FRESH OIL LOOSE GRAVEL ***		
(58)	G020-4a	42 × 30	8.75	Х	XX.XX	PILOT CAR IN USE WAIT & FOLLOW		
(58)	G020-4a	18 × 12	1.50	Х	xx.xx	PILOT CAR IN USE WAIT & FOLLOW		
11)	WO3-4	48 × 48	16.00	X	XX.XX	BE PREPARED TO STOP		
59	CONST-8	48 × 36	12.00	2	24	WORK ZONE NO PHONE ZONE		
56	CONST-7	48 × 24	8.00	2	16	RATE OUR WORK ZONE		
	GO22-1	21 × 15	2.19	X	XX.XX	WET PAINT (ARROW PIVOTS)		
616-10.05 CONSTRUCTION SIGNS TOTAL					xxx.xx			

* IF LESS THAN TWO (2) MILES, DELETE SIGN NO.	*	IF LESS	THAN TWO	(2) N	MILES,	DELETE	SIGN NO.	1.
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** 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	10	CHANNELIZERS (TRIM-LINE)			
612-30.00A	Х	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)			
616-10.98A	2	CHANGEABLE MESSAGE SIGN			

MOBILIZATION
1 LUMP SUM

S	TANDARD WA	ATERBORNE	MARKING PAINT 4" YELLOW
LOG MILE	LOG MILE	QUANTITY	REMARKS
		EACH	
-	TOTAL		
NOTE: TEMPOR WITH 620.10.	ARY AND PER	MANENT PAVE	EMENT MARKING SHALL BE IN ACCORDANCE

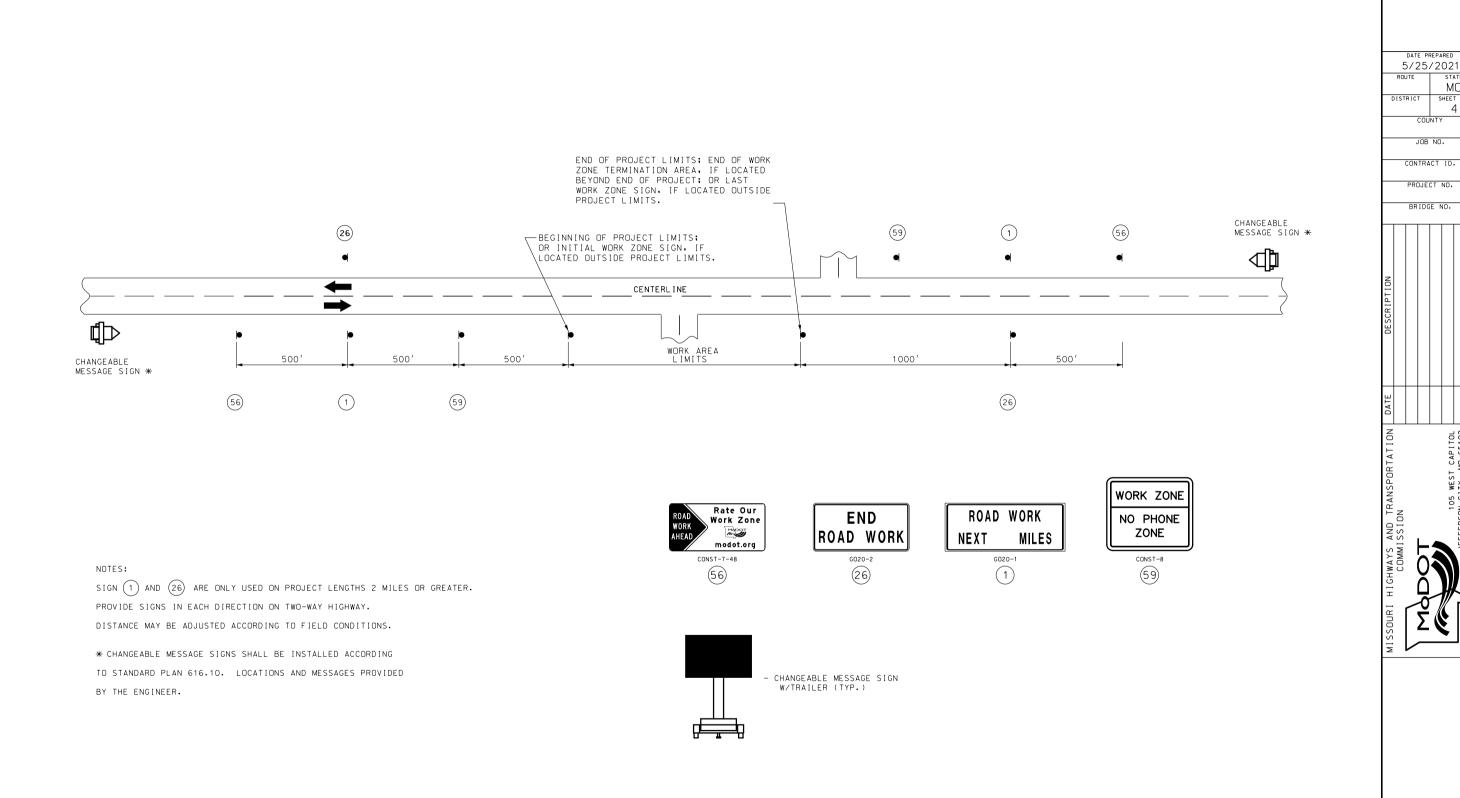
	STANDARD W	/ATERBORNE	MARKING PAINT 4" WHITE
LOG MILE	LOG MILE	QUANTITY	REMARKS
		EACH	
	TOTAL		
NOTE: TEMPO	DRARY AND PER	Rmanent pave	MENT MARKING SHALL BE IN ACCORDANCE

	SEAL COAT QUANTITIES						
OG MILE	LOG MILE	NET LENGTH	AVERAGE WIDTH	SEAL COAT, AGGREGATE GRADE _	EMULSIFIED ASPHALT SEAL COAT	REMARKS	
		MILES	FEET	SY	GAL		
			TOTALS				

WITH 620.10.

SUMMARY	OF	Q	QUANTITIES	
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SOURI HIGHWAYS AND TRANSPORTATION DATE			<u>_</u>			l		



TRAFFIC CONTROL SHEET 1 OF 5

STATE ΜO SHEET NO. 4

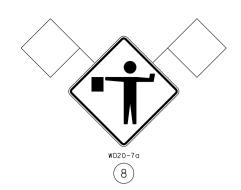


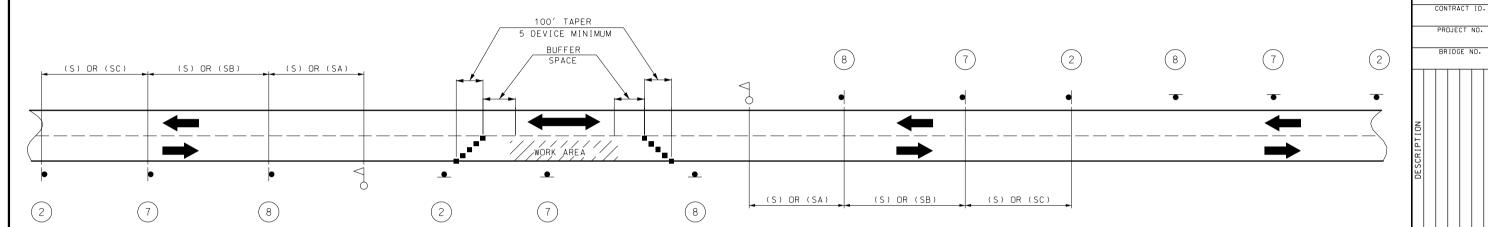


G020-4 (53)

SIGN 53, "PILOT CAR FOLLOW ME" SHALL BE THE CONTRACTOR'S RESPONSIBILITY WHEN IN USE DURING OPERATION.







NOTES:

SET 1 ACTIVE SET 2

INACTIVE

SET 3

ACTIVE

SET 4

INACTIVE

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

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

DAYLIGHT FLAGGING OPERATIONS ONLY.

SPEED	SIGN SPAC	
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

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

MEET FIELD CONDITIONS.

SPACINGS MAY BE ADJUSTED AS NECESSARY TO

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

TRAFFIC CONTROL FOR SEAL COAT AGGREGATE APPLICATION

SHEET 2 OF 5

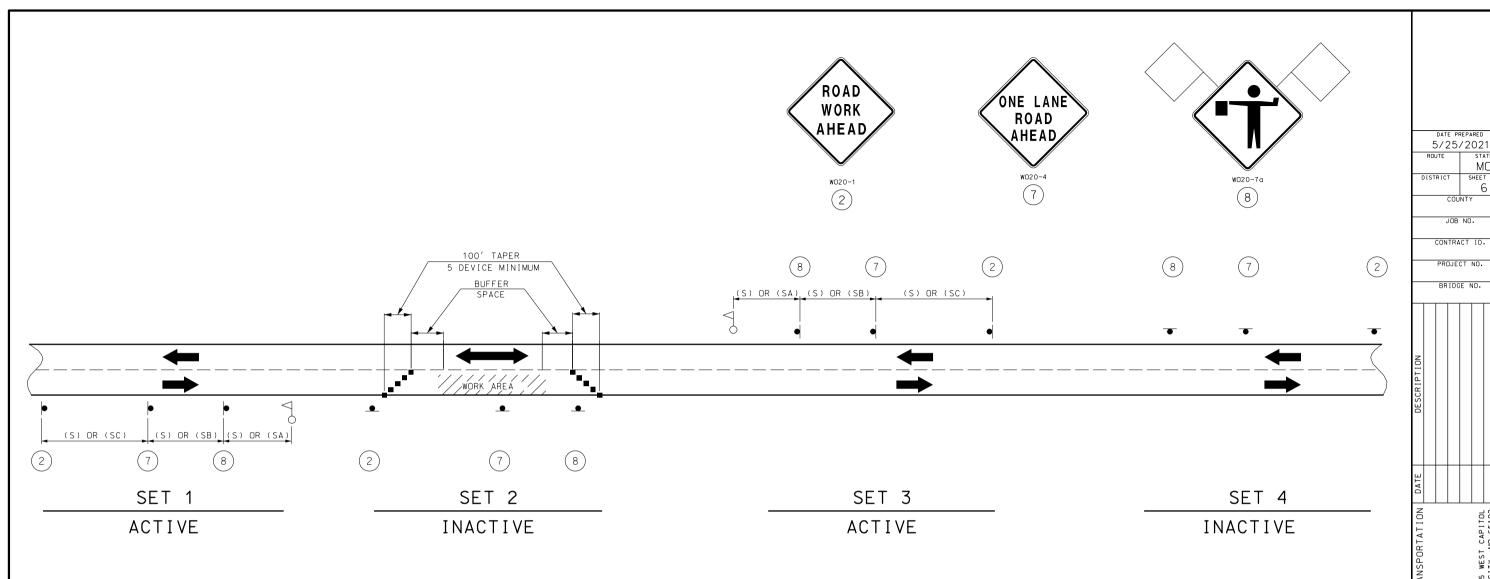
5/25/2021 ROUTE

> COUNTY JOB NO.

ΜO

SHEET NO

5



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

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

DAYLIGHT FLAGGING OPERATIONS ONLY.

SPEED	SIGN SPAC	
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

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

SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

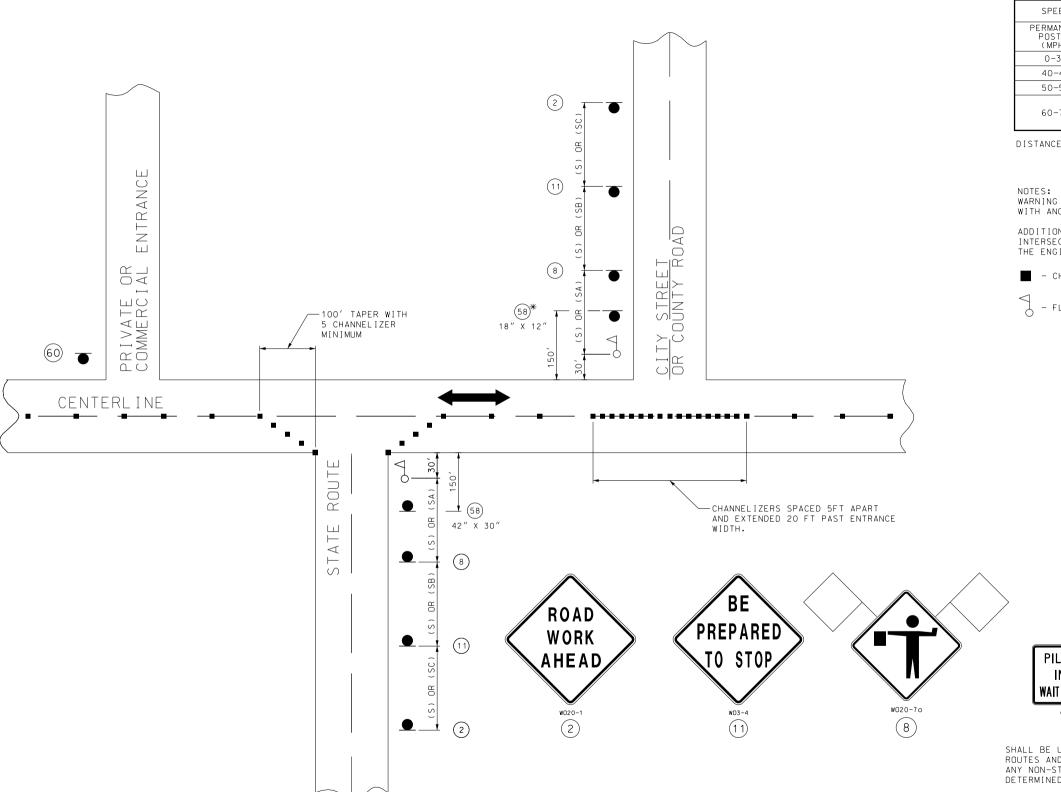
PERMANENT POSTED	BUFFER SPACE	
SPEED LIMIT	LENGTH	
(MPH)	(FT)	
0 - 35	280	
40 - 45	400	
50 - 55	560	
60 - 70	840	

TRAFFIC CONTROL FOR ADDITIONAL SWEEPING OPERATIONS SHEET 3 OF 5

ΜO

SHEET NO

6



SPEED	SIGN SPACING (FT.)	
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 (MPH) 0-35 40-45 50-55	PERMANENT NON-DIVIDED HIGHWAYS (S) 0-35 200 40-45 350 50-55 500

DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.

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

PILOT CAR IN USE WAIT & FOLLOW G020-4a

(58)

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.).

PILOT CAR IN USE WAIT & FOLLOW

> SPECIAL (60)

SHALL ONLY BE USED AT PRIVATE AND COMMERCIAL ENTRANCES. SEE SPECIAL PROVISIONS.

SIDE ROADS ENTERING WORK ZONES

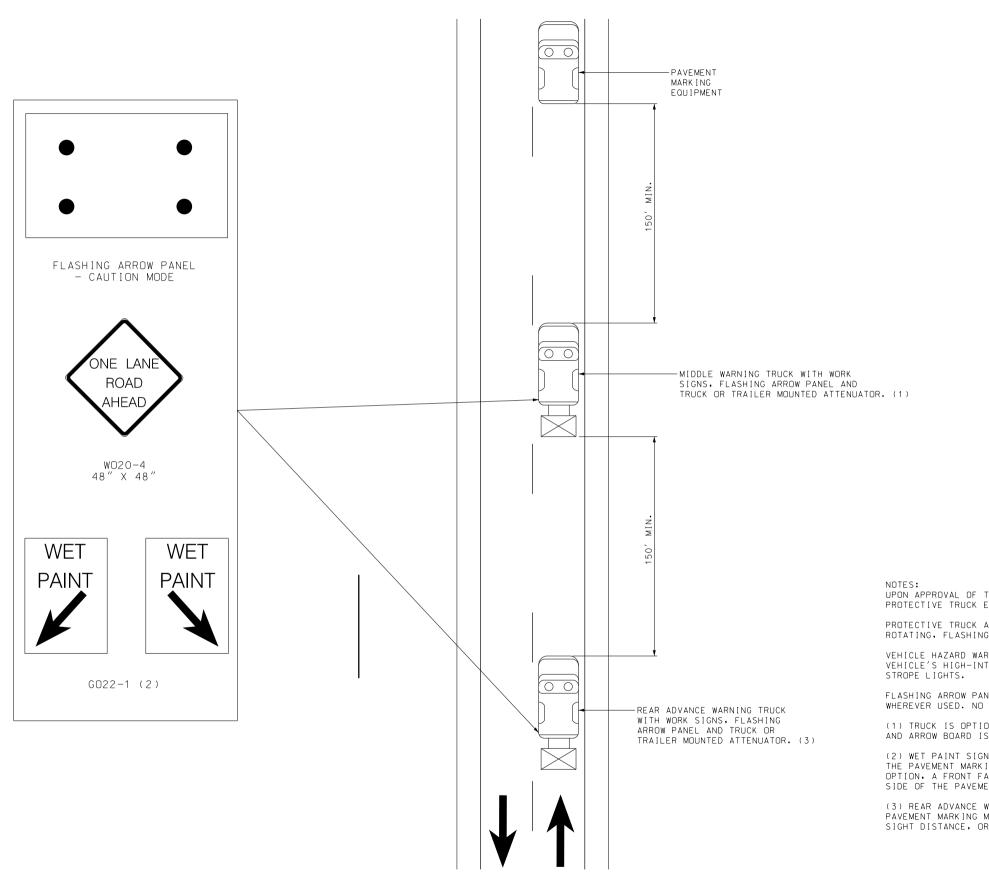
TRAFFIC CONTROL SHEET 4 OF 5

CONTRACT ID. BRIDGE NO.

5/25/2021

JOB NO.

STATE ΜO SHEET NO.



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 STROPE 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.

TRAFFIC CONTROL SHEET 5 OF 5

MISSOURI HIGHWAYS AND TRANSPORTATION

COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

5/25/2021

JOB NO.

BRIDGE NO.

MO SHEET NO.