

DESIGN DESIGNATION  
 A.A.D.T - XXXX = XXXX  
 V = XX M.P.H

# MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

## PLANS FOR PROPOSED STATE HIGHWAY

### INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET -----	1
TYPICAL SECTIONS (TS) (1 SHEET)-----	2
QUANTITIES (QU) (1 SHEET)-----	3
TRAFFIC CONTROL (TC)-----	4-8

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED 3/18/2020	
ROUTE	STATE MO
DISTRICT	SHEET NO. 1
COUNTY	
JOB NO.	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

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 \_\_\_\_\_

END OF PROJECT \_\_\_\_\_

APPARENT LENGTH \_\_\_\_\_ MILES

EQUATIONS AND EXCEPTIONS:

TOTAL CORRECTIONS \_\_\_\_\_

NET LENGTH OF PROJECT \_\_\_\_\_

STATE LENGTH \_\_\_\_\_

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

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DATE PREPARED  
3/18/2020

ROUTE	STATE
	MO

DISTRICT	SHEET NO.
	2

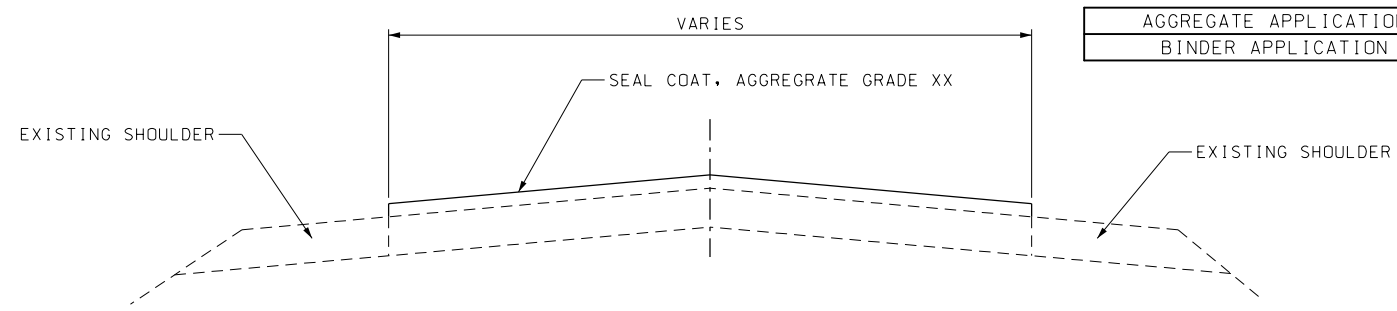
COUNTY

JOB NO.

CONTRACT ID.

PROJECT NO.

BRIDGE NO.




AGGREGATE APPLICATION RATE	XX LBS/YD <sup>2</sup>
BINDER APPLICATION RATE	XX GAL/YD <sup>2</sup>

TYPICAL SECTION

DATE	DESCRIPTION

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CONSTRUCTION SIGNING						
SIGN NO.	SIGN	SIZE (in.)	AREA (ft. <sup>2</sup> )	QTY.	TOTAL AREA (ft. <sup>2</sup> )	DESCRIPTION
②**	W020-1	48 x 48	16.00	X	XX.XX	ROAD WORK AHEAD
⑦	W020-4	48 x 48	16.00	X	XX.XX	ONE LANE ROAD AHEAD
⑧	W020-7a	48 x 48	16.00	X	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 x 24	8.00	2	16	END ROAD WORK
③⑤	W08-12	48 x 48	16.00	X	XX.XX	NO CENTER LINE
⑤③	G020-4	36 x 18	4.5	X	XX.XX	PILOT CAR FOLLOW ME
⑤⑦	W08-7a	36 x 36	9.00	X	XX.XX	FRESH OIL LOOSE GRAVEL ***
⑤⑧	G020-4a	42 x 30	8.75	X	XX.XX	PILOT CAR IN USE WAIT & FOLLOW
⑤⑧	G020-4a	18 x 12	1.50	X	XX.XX	PILOT CAR IN USE WAIT & FOLLOW
①①	W03-4	48 x 48	16.00	X	XX.XX	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
	G022-1	21 x 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. 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	10	CHANNELIZERS (TRIM-LINE)
612-30.00A	X	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)
616-10.98A	2	CHANGEABLE MESSAGE SIGN

MOBILIZATION
1 LUMP SUM

STANDARD WATERBORNE MARKING PAINT 4" YELLOW			
LOG MILE	LOG MILE	QUANTITY EACH	REMARKS
TOTAL			

NOTE: TEMPORARY AND PERMANENT PAVEMENT MARKING SHALL BE IN ACCORDANCE WITH 620.10.

STANDARD WATERBORNE MARKING PAINT 4" WHITE			
LOG MILE	LOG MILE	QUANTITY EACH	REMARKS
TOTAL			

NOTE: TEMPORARY AND PERMANENT PAVEMENT MARKING SHALL BE IN ACCORDANCE WITH 620.10.

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

FLAG ASSEMBLIES		
	QUANTITY EACH	REMARKS
TOTAL		

SUMMARY OF QUANTITIES  
SHEET 1 OF 1

THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT.  
 DATE PREPARED 5/21/2020  
 ROUTE STATE MO  
 DISTRICT SHEET NO. 3  
 COUNTY  
 JOB NO.  
 CONTRACT ID.  
 PROJECT NO.  
 BRIDGE NO.  
 DESCRIPTION  
 DATE  
 MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
 MO DOT  
 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.  
 REV.

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED  
5/21/2020

ROUTE STATE  
DISTRICT SHEET NO.  
MO  
4

COUNTY

JOB NO.

CONTRACT ID.

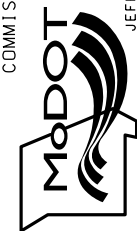
PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

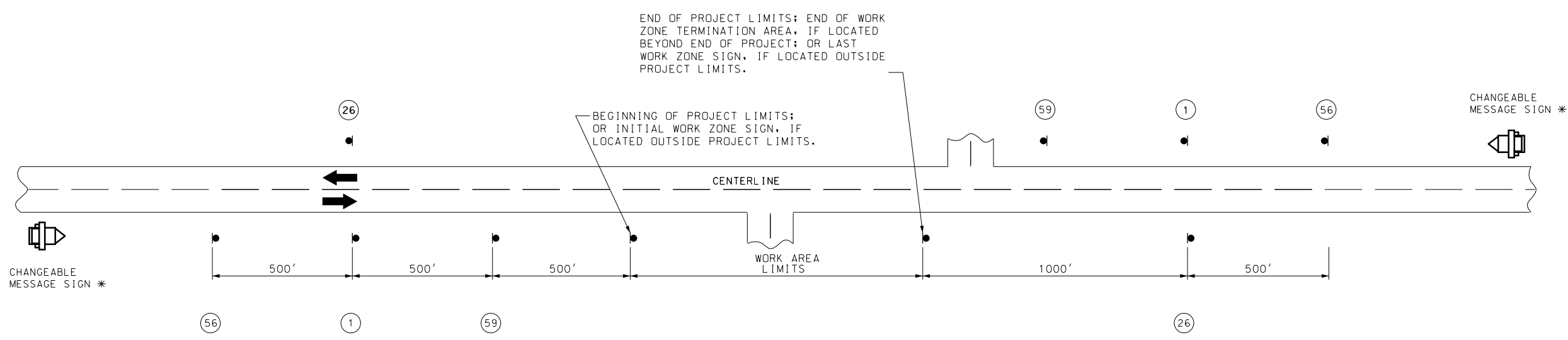
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

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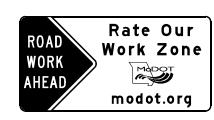
NOTES:

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

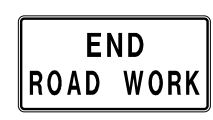
PROVIDE SIGNS IN EACH DIRECTION ON TWO-WAY HIGHWAY.

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.



CONST-7-48  
(56)



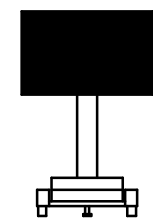
G020-2  
(26)



G020-1  
(1)



CONST-8  
(59)



- CHANGEABLE MESSAGE SIGN W/TRAILER (TYP.)



W020-1

2



G020-4

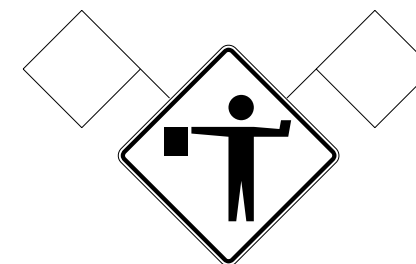
53

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



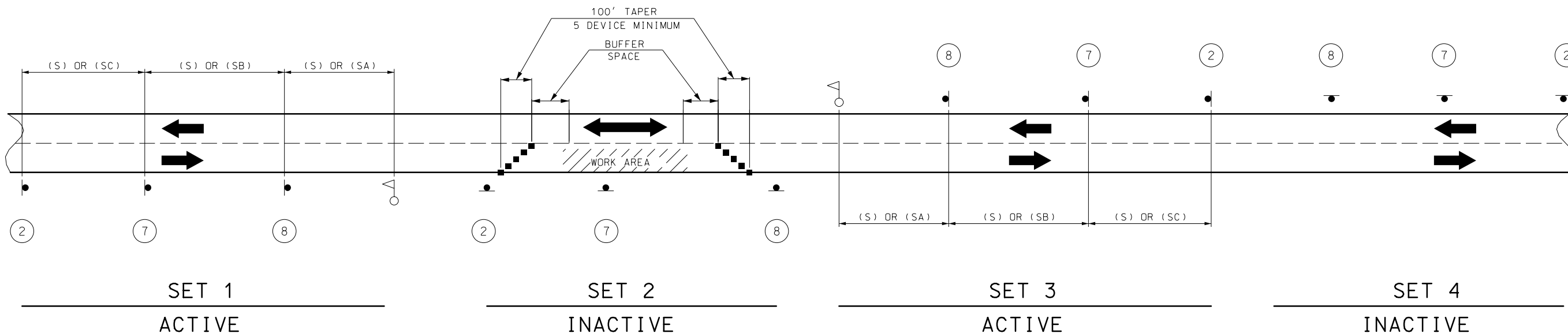
W020-4

7



W020-7a

8



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 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.  
FLAG ASSEMBLIES FOR SIGNS WILL BE PAID FOR AS EACH PER SIGN, EXCEPT FOR SIGN W020-7a WHICH IS SUBSIDIARY TO THE SIGN.

SPEED	SIGN SPACING (FT.) (1)	
	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.

TRAFFIC CONTROL FOR  
SEAL COAT AGGREGATE  
APPLICATION  
SHEET 2 OF 5

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED: 4/30/2020

ROUTE: STATE MO

DISTRICT: SHEET NO. 5

COUNTY:

JOB NO.:

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)

REV.





