DESIGN DESIGNATION A.A.D.T - XXXX = XXXXV = 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 SHEETS)	4-8

LENGTH OF PROJECT

BEGINNING OF PROJECT END OF PROJECT

APPARENT LENGTH

EQUATIONS AND EXCEPTIONS:

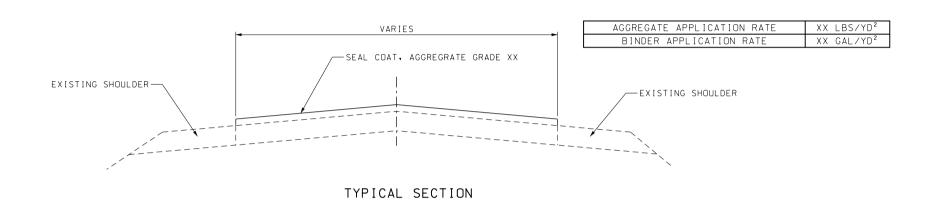
TOTAL CORRECTIONS NET LENGTH OF PROJECT STATE LENGTH

A CERTIFIED
DOCUMENT." 5/4/2017 JOB NO. CONTRACT ID.

BRIDGE NO.

"THIS MEDIA SHOULD

NOT BE CONSIDERED



"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT." DATE PREPARED 5/4/2017 STATE MO JOB NO. CONTRACT ID. BRIDGE NO.

			C	ONSTRU	CTION SIGN	ING	
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)*	GO20-1	60 × 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	PLEASE WAIT FOR PILOT CAR	
11)	WO3-4	48 × 48	16.00	Х	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	
	W022-6e	21 × 15	2.19	Х	XX.XX	WET PAINT (ARROW PIVOTS)	
616-10.05 CONSTRUCTION SIGNS TOTAL					xxx.xx		

*	ΙF	LESS	THAN	TW∩	(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)

MOB	BILIZATION
1	LUMP SUM

WATERBORNE 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			

	WATE	RBORNE MAF	KKING PAINT 4" WHITE
LOG MILE	LOG MILE	QUANTITY	REMARKS
		EACH	
	TOTAL		

	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							

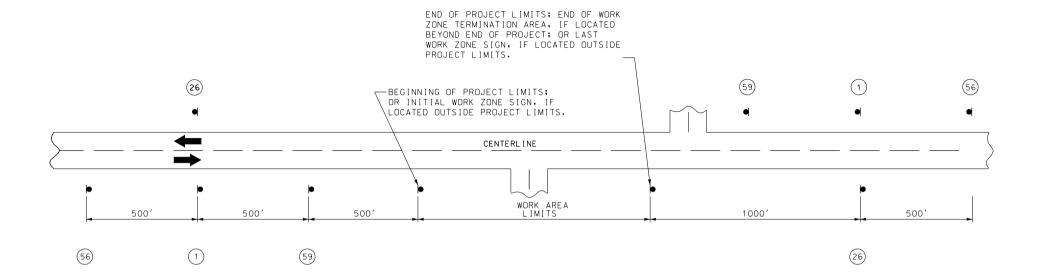
FLAG ASSEMBLIES				
	QUANTITY	REMARKS		
	EACH			
TOTAL				

WITH 620.10.

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"THIS MEDIA SHOULD NOT BE CONSIDERED

SUMMARY OF QUANTITIES SHEET 1 OF 1

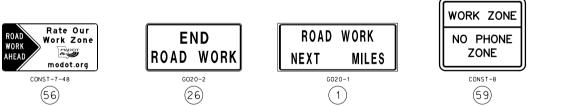


NOTES:

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

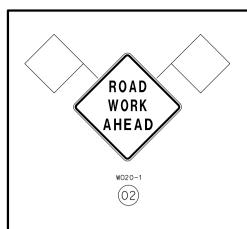
PROVIDE SIGNS IN EACH DIRECTION ON TWO-WAY HIGHWAY.

DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.



"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT." 5/4/2017 MO SHEET NO. 4 JOB NO. CONTRACT ID. BRIDGE NO.

TRAFFIC CONTROL SHEET 1 OF 5



PILOT CAR FOLLOW ME

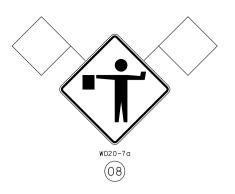
> G020-4 (53)

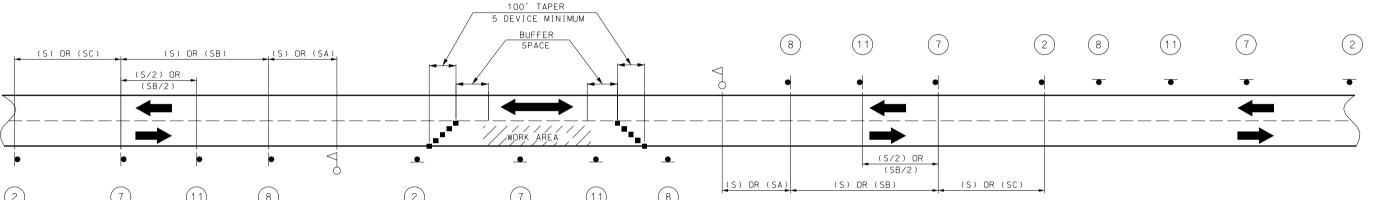
SIGN 53, "PILOT CAR FOLLOW ME" SHALL BE IN CONTRACTOR'S RESPONSIBILITY WHEN IN USE DURING OPERATION.





(2)





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, SIGN SETS 2 AND 3 ADVANCED IN THE DIRECTION OF THE OPERATION (1.E., NEW SIGN SETS 2 AND 3 ADVANCED IN THE DIRECTION OF THE OPERATION (1.E., NEW SIGN SETS 2 AND 4).

- CHANNELIZERS

- FLAGGE

NOTES:

DAYLIGHT FLAGGING OPERATIONS ONLY.

FLAG ASSEMBLIES FOR SIGNS WILL BE PAID FOR AS EACH PER SIGN. EXCEPT FOR SIGN W020-70 WHICH IS SUBSIDIARY TO THE SIGN.

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

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(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.

(2) SIGN MANDATORY WHEN TEMPORARY ROAD CLOSURE IS NEEDED. FOR TEMPORARY ROAD CLOSURE BOTH DIRECTIONS MAY BE STOPPED AT THE SAME TIME UP TO A MAXIMUM OF 20 MINUTES.

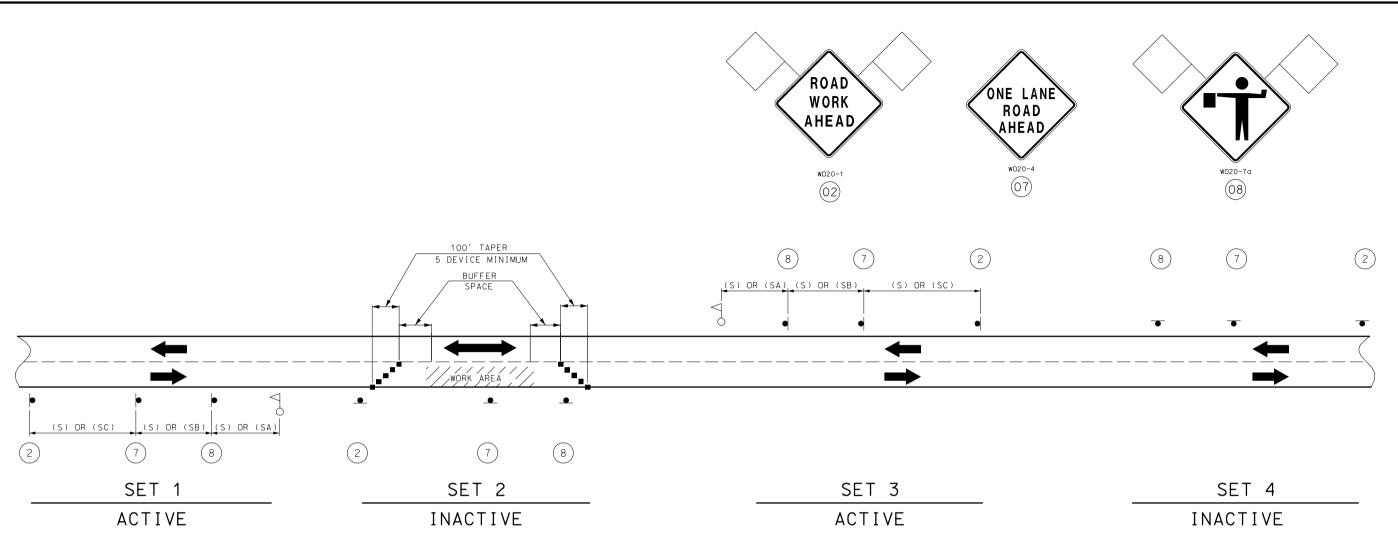
PERMANENT POSTED	BUFFER SPACE	
SPEED LIMIT	LENGTH	
(MPH)	(FT)	
0 - 35	280	
40 - 45	400	
50 - 55	560	
60 - 70	840	

TRAFFIC CONTROL FOR SEAL COAT AGGREGATE APPLICATION SHEET 2 OF 5

5/4/2017 ROUTE MO SHEET NO 5 COUNTY JOB NO. CONTRACT ID. PROJECT NO. BRIDGE NO.

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A CERTIFIED



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, 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

- FLAGGE

NOTES:

DAYLIGHT FLAGGING OPERATIONS ONLY.

FLAG ASSEMBLIES FOR SIGNS WILL BE PAID FOR AS EACH PER SIGN, EXCEPT FOR SIGN W020-70 WHICH IS SUBSIDIARY TO THE SIGN.

SPEED	SIGN SPACING (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.

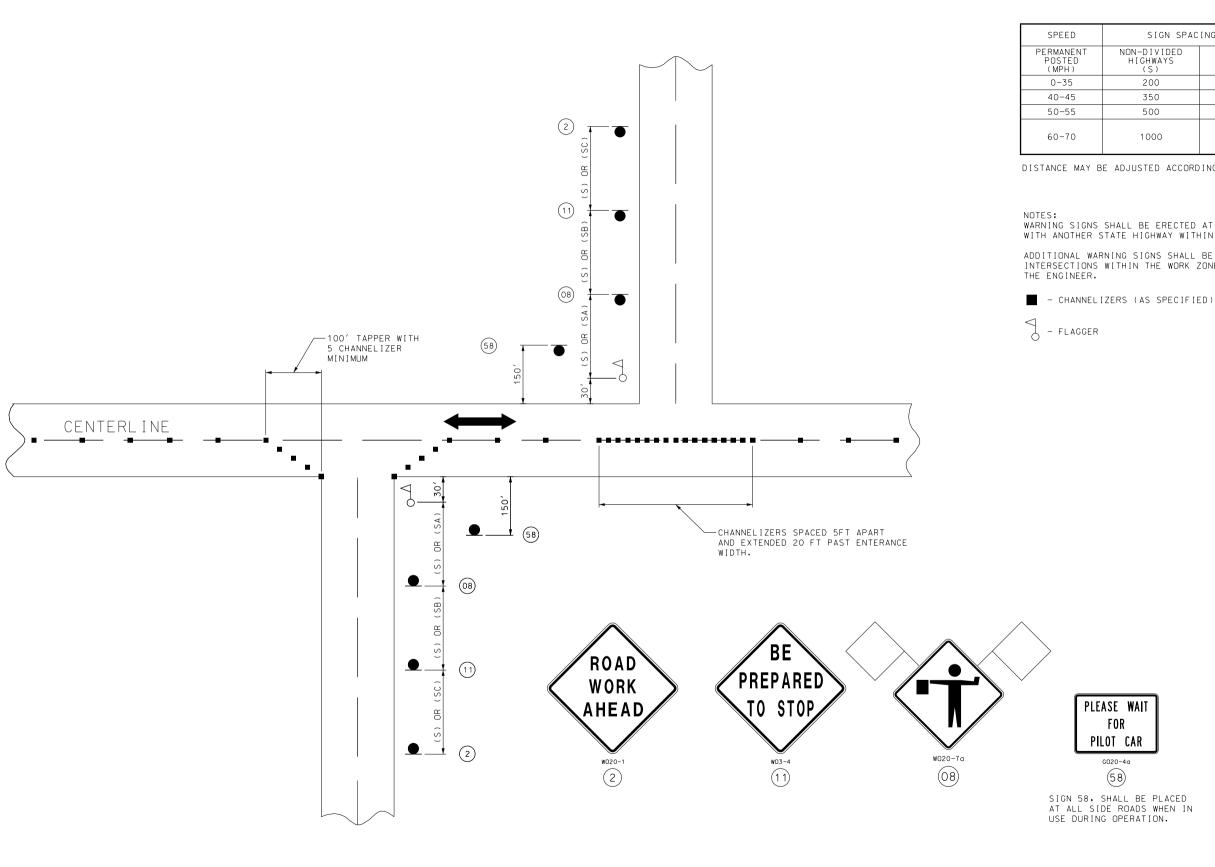
(1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED

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

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SIDE ROADS ENTERING WORK ZONES

SIGN SPACING (FT.) DIVIDED HIGHWAYS (S) 200 500 1000 (SA)-1000 (SB)-1500 (SC)-2640

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

TRAFFIC CONTROL SHEET 4 OF 5

5/4/2017 ROUTE ΜO SHEET NO. JOB NO. CONTRACT ID. PROJECT NO. BRIDGE NO.

"THIS MEDIA SHOULD NOT BE CONSIDERED

A CERTIFIED DOCUMENT."

