# 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	NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (1 SHEET)	2
QUANTITIES (QU) (1 SHEET)	3
TRAFFIC CONTROL (TC)(4 SHEETS)	4-7

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DOCUMENT."

5/4/2017

JOB NO. CONTRACT ID.

BRIDGE NO.

SHEET

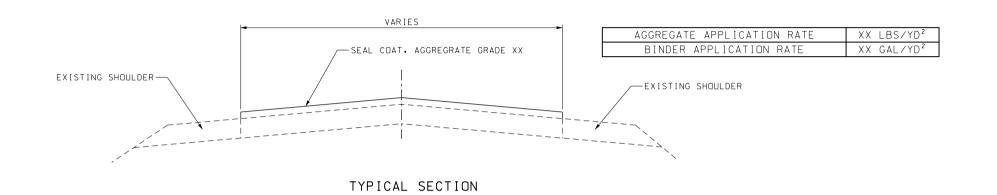
## LENGTH OF PROJECT

BEGINNING OF PROJECT END OF PROJECT

APPARENT LENGTH

EQUATIONS AND EXCEPTIONS:

TOTAL CORRECTIONS NET LENGTH OF PROJECT STATE LENGTH



STRIPING TO BE COMPLETED BY OTHERS.

NOTIFY ENGINEER TWO WEEKS PRIOR TO PROJECT COMPLETION

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			CC	NSTRU	CTION SIGN	ING
SIGN NO.	SIGN	SIZE (in.)	AREA	QTY.	TOTAL AREA (ft.²)	DESCRIPTION
2)**	WO20-1	48 × 48	16.00	X	XXX	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 × 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	X	xx.xx	NO CENTER LINE
(53)	G020-4	36 × 18	4.5	X	xx.xx	PILOT CAR FOLLOW ME
36)	WO8-7A	36 × 36	9.00	X	xx.xx	FRESH OIL LOOSE GRAVEL ***
(58)	G020-4A	42 × 30	8.75	X	xx.xx	PLEASE WAIT FOR PILOT CAR
(1)	WO3-4	48 × 48	16.00	4	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
616-10.05 CONSTRUCTION SIGNS TOTAL				xxx.xx	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	×	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)	

FLAG ASSEMBLIES						
	QUANTITY	REMARKS				
	EACH					
TOTAL						

MOBILIZATION
1 LUMP SUM

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

\*\*\* ADDITIONAL SIGN NO. 2 USED AS SHOWN ON TRAFFIC CONTROL SHEET 4 OF 4 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.

TEMPORAF	RY RAISE	D PAVEMEN	T MARKE	R, WITH COVERS		
LOG MILE	LOG MILE	CENTERL INE EACH	EDGEL INE EACH	REMARKS		
SUBTOTAL TOTAL						
NOTE: TEMPORARY PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH 620.10 AND PLACED PRIOR TO SURFACE TREATMENT. ALL COVERS SHALL BE REMOVED AFTER SURFACE TREATMENT IS COMPLETED. FINAL STRIPING DONE BY OTHERS.						

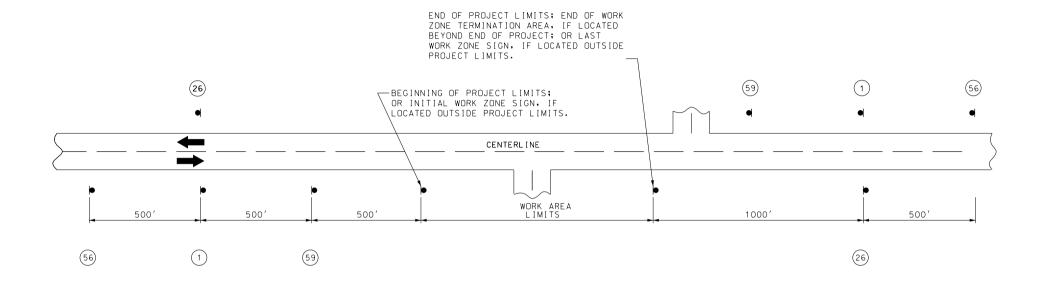
	SEAL COAT QUANTITIES						
LOG MILE	LOG MI		NET LENGTH	AVERAGE WIDTH	SEAL COAT, aggregate grade _	EMULSIFIED ASPHALT SEAL COAT	REMARKS
			MILES	FEET	SY	GAL	
				TOTALS			

SUMMARY OF QUANTITIES SHEET 1 OF 1

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

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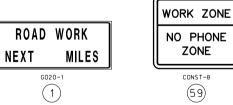
NOTES:

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

PROVIDE SIGNS IN EACH DIRECTION ON TWO-WAY HIGHWAY.

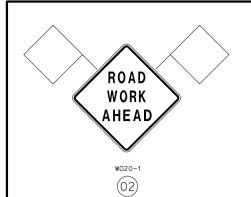
DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.





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TRAFFIC CONTROL SHEET 1 OF 4



PILOT CAR FOLLOW ME

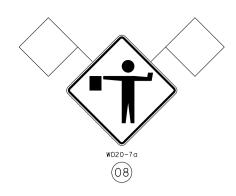
> G020-4 (53)

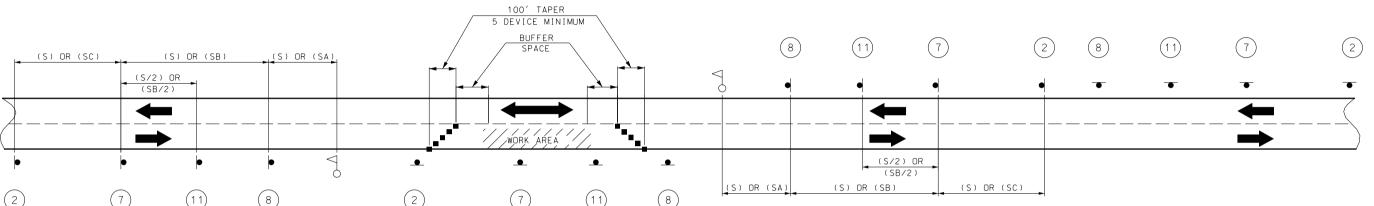
SIGN 53, "PILOT CAR FOLLOW ME" SHALL BE IN CONTRACTOR'S RESPONSIBILITY WHEN IN USE DURING OPERATION.





(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 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 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.

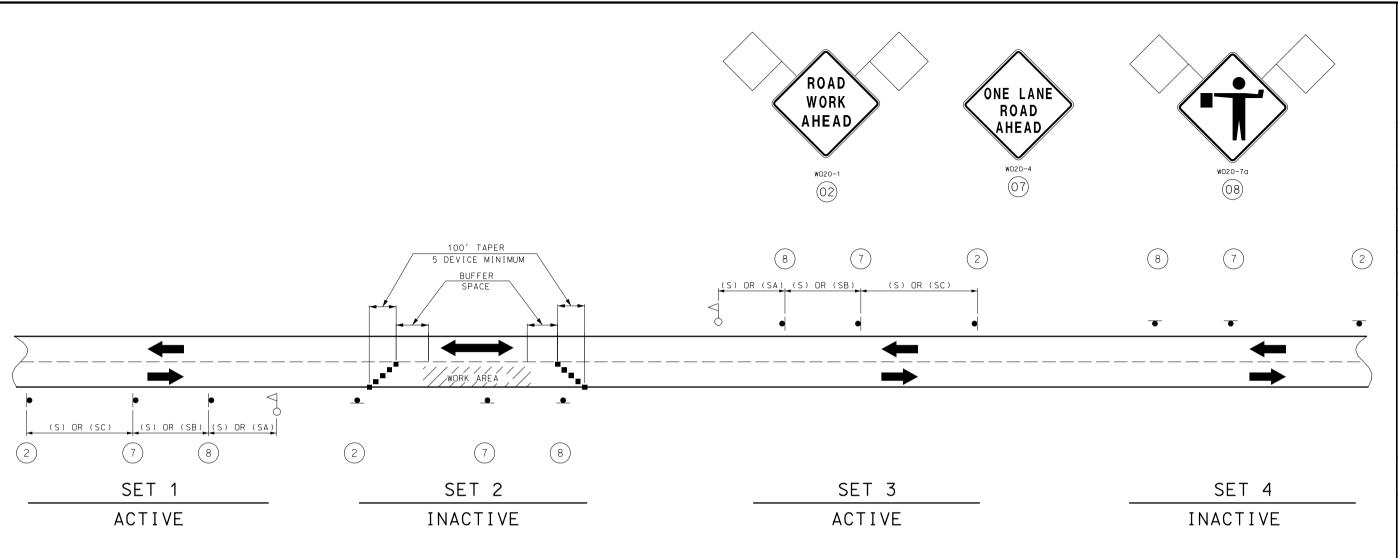
PERMANENT POSTED	BUFFER SPACE
SPEED LIMIT	LENGTH
(MPH)	(FT)
0 - 35	280
40 - 45	400
50 - 55	560
60 - 70	840

TRAFFIC CONTROL FOR SEAL COAT AGGREGATE APPLICATION SHEET 2 OF 4

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

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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 W020-7a 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 4

JOB NO. CONTRACT ID. BRIDGE NO.

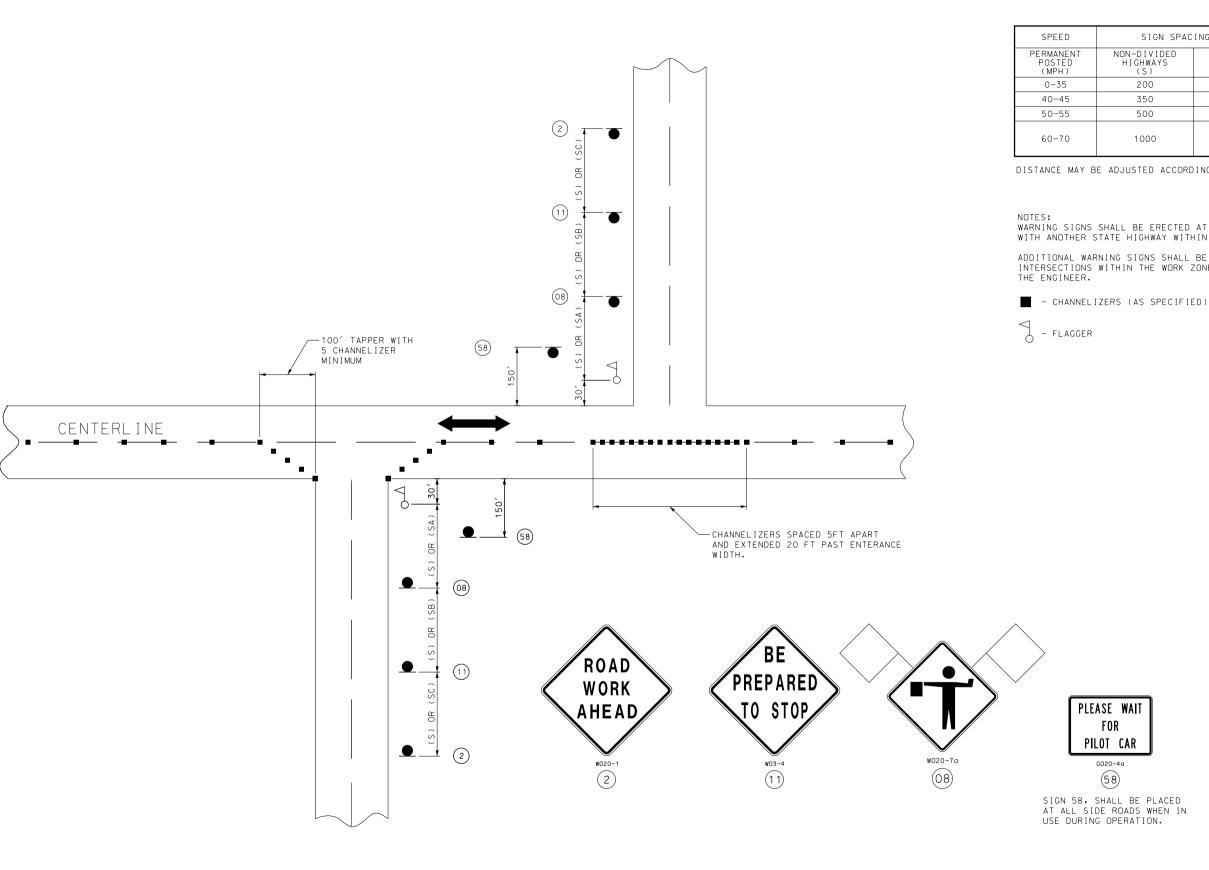
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5/4/2017

MO

SHEET NO

6



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 4

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