

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

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

DATE PREPARED 3/13/2018	
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.

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

DATE PREPARED

3/13/2018

ROUTE STATE

MO

DISTRICT SHEET NO.

2

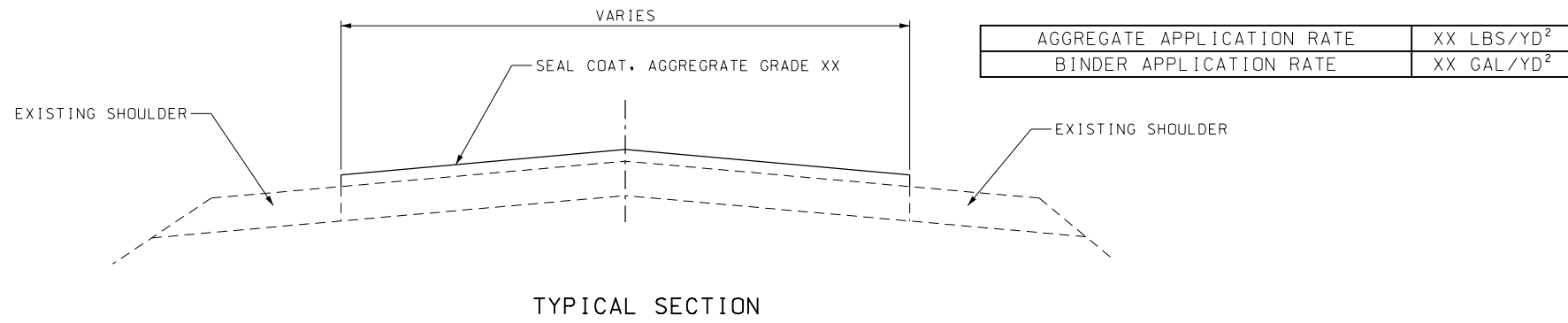
COUNTY

JOB NO.

CONTRACT ID.

PROJECT NO.

BRIDGE NO.



STRIPING TO BE COMPLETED BY OTHERS.
 NOTIFY ENGINEER TWO WEEKS PRIOR TO PROJECT COMPLETION

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

TYPICAL SECTION
 SHEET 1 OF 1

CONSTRUCTION SIGNING

SIGN NO.	SIGN	SIZE (in.)	AREA (ft. ²)	QTY.	TOTAL AREA (ft. ²)	DESCRIPTION
②**	W020-1	48 x 48	16.00	X	XXX	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
③⑥	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	PLEASE WAIT FOR PILOT CAR
①①	W03-4	48 x 48	16.00	4	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
616-10.05 CONSTRUCTION SIGNS TOTAL					XXX.XX	

NOTE:

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

* 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.

TEMPORARY RAISED PAVEMENT MARKER, WITH COVERS

LOG MILE	LOG MILE	CENTERLINE EACH	EDGELINE 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.

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

FLAG ASSEMBLIES		
	QUANTITY EACH	REMARKS
TOTAL		

MOBILIZATION	
1 LUMP SUM	

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		

SUMMARY OF QUANTITIES
SHEET 1 OF 1

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

DATE PREPARED: 3/13/2018

ROUTE: STATE MO

DISTRICT: SHEET NO. 3

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.

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

DATE PREPARED
3/13/2018

ROUTE STATE
DISTRICT SHEET NO.
MO 4

COUNTY

JOB NO.

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

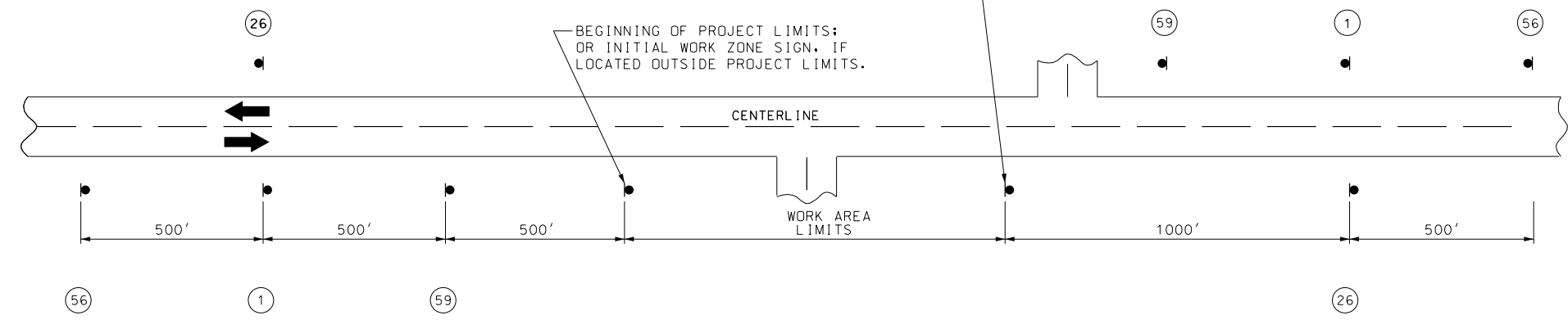
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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END OF PROJECT LIMITS; END OF WORK ZONE TERMINATION AREA, IF LOCATED BEYOND END OF PROJECT; OR LAST WORK ZONE SIGN, IF LOCATED OUTSIDE PROJECT LIMITS.

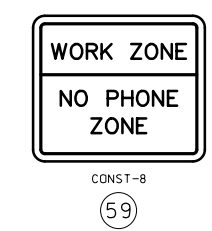
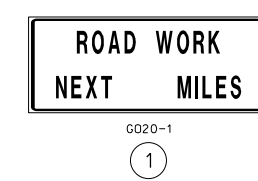
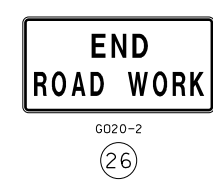
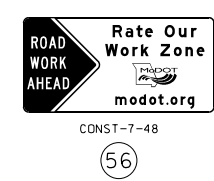


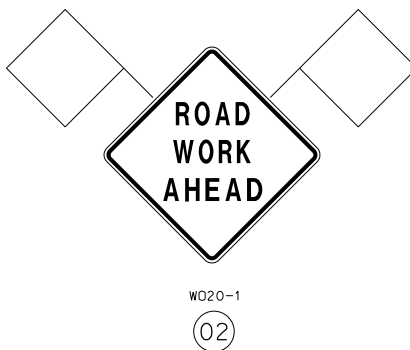
NOTES:

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

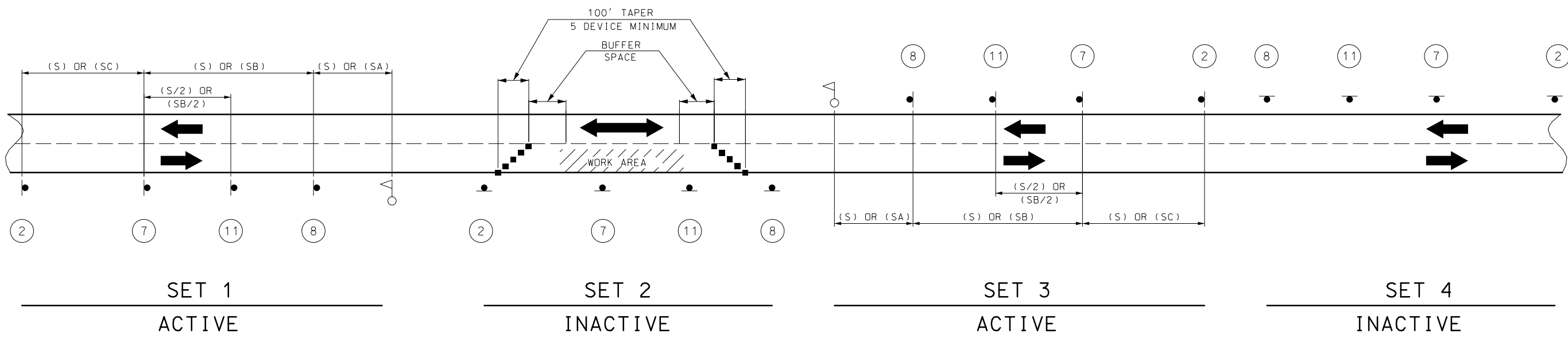
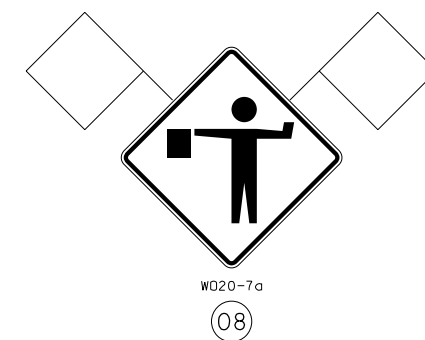
PROVIDE SIGNS IN EACH DIRECTION ON TWO-WAY HIGHWAY.

DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.





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



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.
 - (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.

TRAFFIC CONTROL FOR
 SEAL COAT AGGREGATE
 APPLICATION
 SHEET 2 OF 4

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."
 DATE PREPARED: 3/13/2018
 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)
 IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.
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"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED
3/13/2018

ROUTE STATE
DISTRICT SHEET NO.
MO 6

DISTRICT SHEET NO.
6

COUNTY

JOB NO.

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

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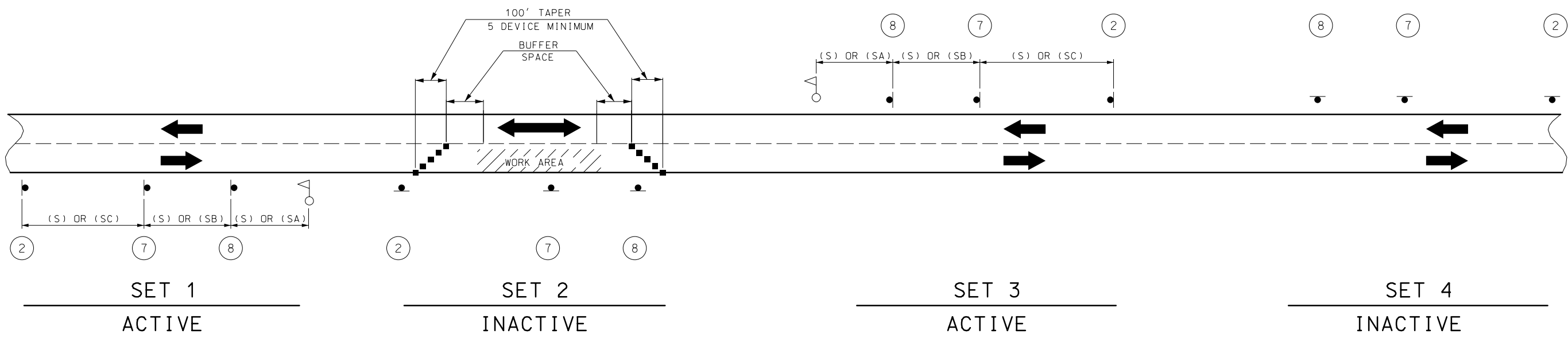
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NOTES:
DAYLIGHT FLAGGING OPERATIONS ONLY.
FLAG ASSEMBLIES FOR SIGNS WILL BE PAID FOR AS EACH PER SIGN, EXCEPT FOR SIGN W020-7a WHICH IS SUBSIDIARY TO THE SIGN.

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
ADDITIONAL SWEEPING
OPERATIONS
SHEET 3 OF 4

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
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1-888-ASK-MODOT (1-888-275-6636)

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DATE PREPARED
3/13/2018

ROUTE STATE
DISTRICT SHEET NO.
MO 7

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)

MODOT

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

REV.

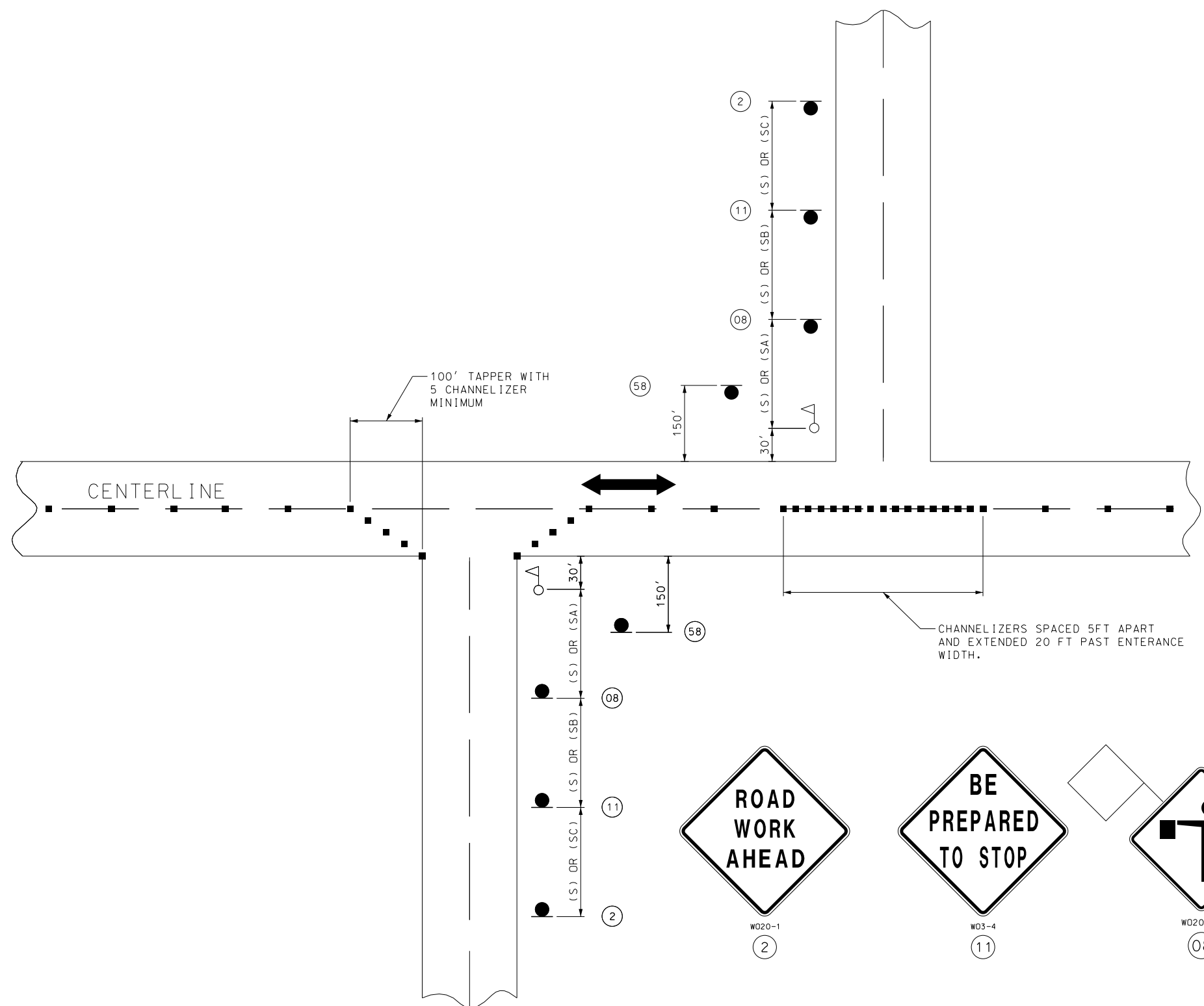
SPEED PERMANENT POSTED (MPH)	SIGN SPACING (FT.)	
	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)
0-35	200	200
40-45	350	500
50-55	500	1000
60-70	1000	(SA)-1000 (SB)-1500 (SC)-2640

DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.

NOTES:
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



SIDE ROADS ENTERING WORK ZONES



SIGN 58, SHALL BE PLACED AT ALL SIDE ROADS WHEN IN USE DURING OPERATION.



SIGN 60, TO BE USED IN PRIVATE DRIVEWAYS TO ENHANCE WORK ZONE SIGNING. SEE SPECIAL PROVISIONS.

TRAFFIC CONTROL SHEET 4 OF 4