

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY

DESCRIPTION	SHEET NUMBER
TITLE SHEET -----	1
TYPICAL SECTIONS (TS) (1 SHEET)--	2
QUANTITIES (QU) (1 SHEET)-----	3
SPECIAL SHEET (SS)-----	4
TRAFFIC CONTROL SHEETS (TC)-----	5-9

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

DATE PREPARED
3/13/2018

ROUTE	STATE
MO	MO
DISTRICT	SHEET NO.
1	1

COUNTY

JOB NO.

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

LENGTH OF PROJECT

BEGINNING OF PROJECT _____

END OF PROJECT _____

APPARENT LENGTH _____ MILES

EQUATIONS AND EXCEPTIONS:

TOTAL CORRECTIONS _____

NET LENGTH OF PROJECT _____

STATE LENGTH _____

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.

BITUMINOUS PAVEMENT MIXTURE PG64-22 SURFACE LEVELING						
LOG MILE	LOG MILE	NET LENGTH MILES	AVERAGE WIDTH FEET	QUANTITY TONS(1)	TACK GALLONS	REMARKS
		TOTALS				

(1) SEE SHEET 2, FOR APPLICATION RATE

BITUMINOUS PAVEMENT MIXTURE PG64-22 SURFACE LEVELING (INTERSECTIONS/ENTRANCES)					
LOG MILE	NET LENGTH MILES	AVERAGE WIDTH FEET	QUANTITY TONS(1)	TACK GALLONS	REMARKS
		TOTALS			

MODIFIED COLD MILLING (DEPTH TRANSITION)			
LOG MILE	LOG MILE	QUANTITY SQ. YD.	REMARKS
		TOTAL	

STATE ROUTE ENTRANCES

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.

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	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
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
③⑥	W08-11	48 x 48	16.00	X	XX.XX	UNEVEN LANES
⑤③	G020-4	36 x 18	4.5	X	XX.XX	PILOT CAR FOLLOW ME
⑤⑧	G020-4A	42 x 30	8.75	X	XX.XX	PLEASE WAIT FOR PILOT CAR
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 3 OF 5 AND 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)

FLAG ASSEMBLIES		
	QUANTITY EACH	REMARKS
TOTAL		

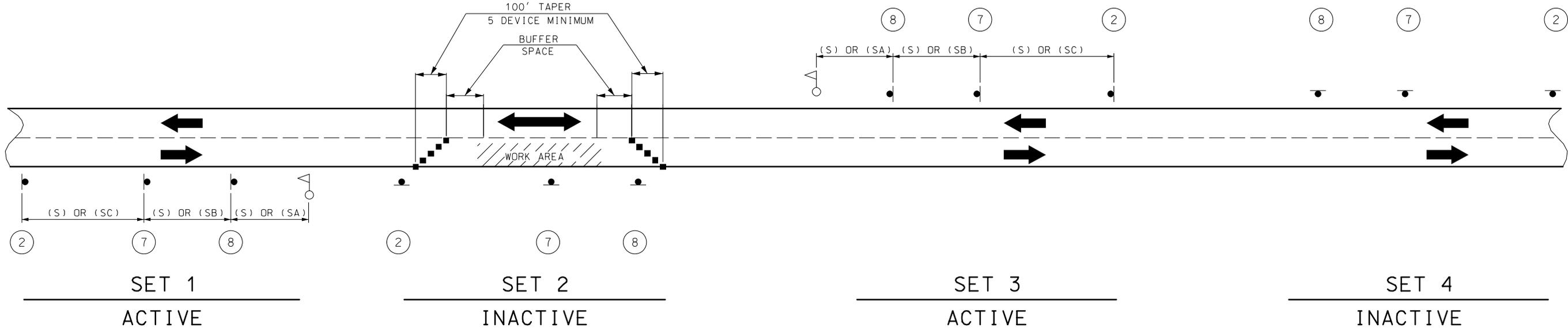
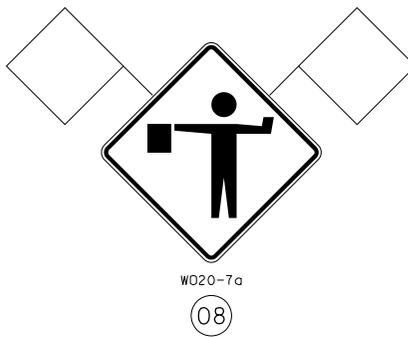
MOBILIZATION	
1 LUMP SUM	

SUMMARY OF QUANTITIES SHEET 1 OF 1

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."
 DATE PREPARED: 3/13/2018
 ROUTE: MO STATE: MO DISTRICT: SHEET NO. 3 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)
 MODOT
 IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.
 REV.



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

- - CHANNELIZERS
- △ - FLAGGER

NOTES:
DAYLIGHT FLAGGING OPERATIONS ONLY.

CHANNELIZING DEVICES LOCATED DOWNSTREAM OF THE ONE-LANE, TWO-WAY TAPER ARE OPTIONAL. THESE DEVICES SHOULD BE ELIMINATED WHEN THEIR USE WILL REDUCE THE USABLE LANE WIDTH, INCLUDING ANY ACCEPTABLE SHOULDERS, TO LESS THAN 10' OR WILL SIGNIFICANTLY AFFECT THE RESURFACING OPERATION.

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

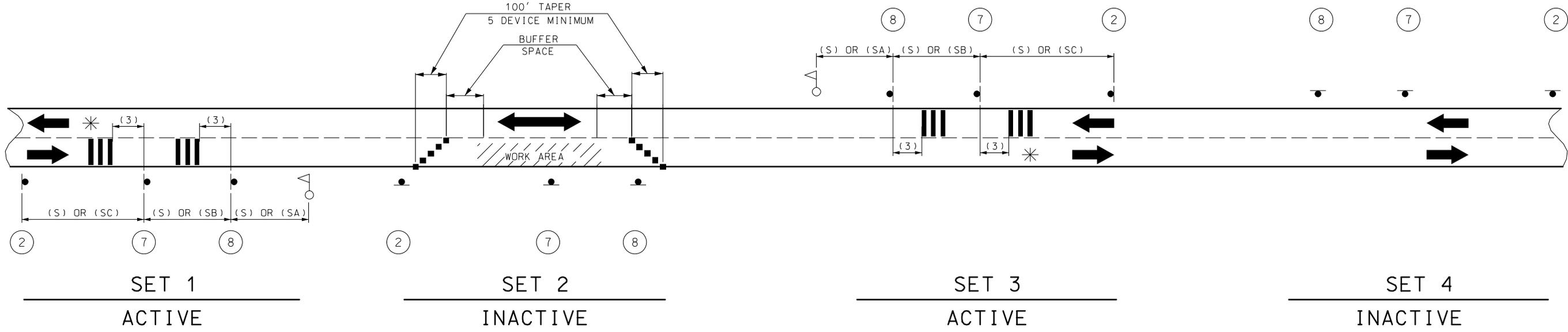
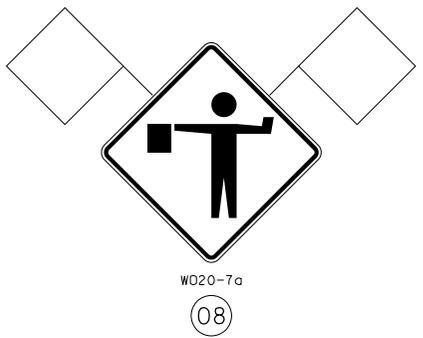
NOTES:
(1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION.

SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."
 DATE PREPARED: 3/21/2018
 ROUTE: STATE MO
 DISTRICT: SHEET NO. 6
 COUNTY:
 JOB NO.:
 CONTRACT ID.:
 PROJECT NO.:
 BRIDGE NO.:
 DESCRIPTION:
 DATE:
 MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 MoDOT
 105 WEST CAPITOL JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)
 REV.



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



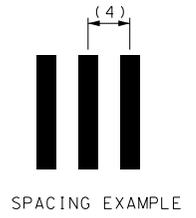
SIGN SETS 1 AND 3 ARE ACTIVE AND (I.E., SIGNS FACE ONCOMING TRAFFIC).

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).

SHORT-TERM RUMBLE STRIPS		
SPEED MPH	DISTANCE (3)	SPACING (4)
0-45 (OPTIONAL)	120 FT	10 FT
50-55	160 FT	15 FT
60-70	200 FT	20 FT

*SECOND SET OF TEMPORARY RUMBLES OPTIONAL



SPEED	SIGN SPACING (FT.) (1)	
	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)
PERMANENT POSTED (MPH)		
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

- - CHANNELIZERS
- △ - FLAGGER
- ▬▬▬ - TEMPORARY SHORT TERM RUMBLE STRIPS

NOTES:
DAYLIGHT FLAGGING OPERATIONS ONLY.

CHANNELIZING DEVICES LOCATED DOWNSTREAM OF THE ONE-LANE, TWO-WAY TAPER ARE OPTIONAL. THESE DEVICES SHOULD BE ELIMINATED WHEN THEIR USE WILL REDUCE THE USABLE LANE WIDTH, INCLUDING ANY ACCEPTABLE SHOULDERS, TO LESS THAN 10' OR WILL SIGNIFICANTLY AFFECT THE RESURFACING OPERATION.

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

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.

USE THIS SHEET 2 OF 5 ONLY WHEN TEMPORARY RUMBLES ARE REQUIRED

TRAFFIC CONTROL SHEET 2 OF 5

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."
 DATE PREPARED: 3/23/2018
 ROUTE: STATE: MO
 DISTRICT: SHEET NO.: 6
 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.
 REV.

