DESIGN DESIGNATION

V = XX M.P.H

A.A.D.T - XXXX = XXXX

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
OUANTITIES (OU) (1 SHEET)	3
SPECIAL SHEET (SS)	4
TRAFFIC CONTROL SHEETS (TC)	5-8

# DATE PREPARED DOCUMENT." DATE PREPARED 5/4/2017 ROUTE STATE MO DISTRICT SHEET NO. 1 COUNTY JOB NO. CONTRACT ID. PROJECT NO. BRIDGE NO.

"THIS MEDIA SHOULD

### LENGTH OF PROJECT

BEGINNING OF PROJECT

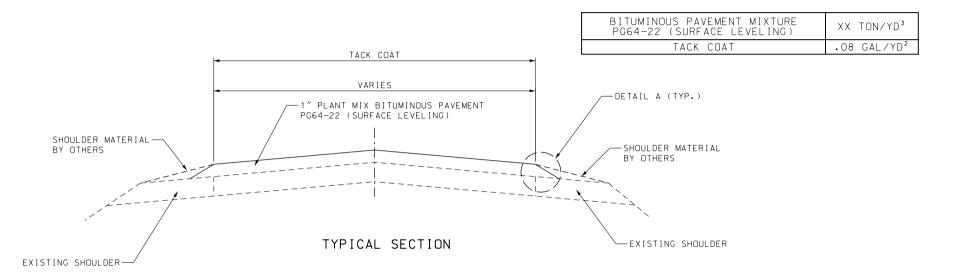
APPARENT LENGTH

GTH MILE:

EQUATIONS AND EXCEPTIONS:

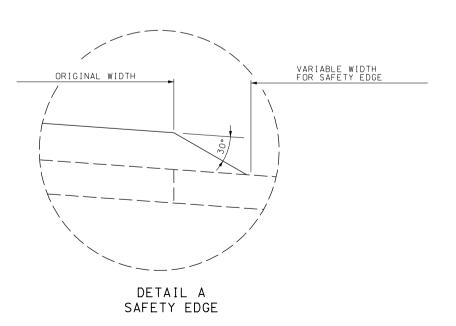
MISSOURI HIGHWAYS

TOTAL CORRECTIONS
NET LENGTH OF PROJECT
STATE LENGTH



NOTE: SURFACE PLACEMENT SHALL BE ONE PASS PER LANE NO S.E. CORRECTION.

FINAL STRIPING BY OTHERS.



TYPICAL SECTION
SHEET 1 OF 1

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

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

(1) SEE SHEET 2, FOR APPLICATION RATES

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

MOD I F	IED	COL	D MILLI	NG	(DEPTH	TRANSITION)
LOG MILE	LOG	MILE	QUANTITY		R	EMARKS
			SQ.YD.			
STATE R	OUT	E EN	TRANCES			
	TO	TAL				

TEMPORARY PAVEMENT MARKING								
LOG	MILE	LOG MILE	CENTERLINE	EDGEL I NE	REMARKS			
			EACH	EACH				
		0						
		TOTAL						
NOTE:	RARY PA	SUBTOTAL TOTAL  VEMENT MARK NG DONE BY	INGS SHALL BE	IN ACCORDA	NCE WITH 620.10.			

FLAG ASSEMBLIES							
	QUANTITY	REMARKS					
	EACH						
TOTAL							

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

MOBILIZATION	
1 LUMP SUM	

			С	ONSTRU	CTION SIGN	ING
SIGN NO.	SIGN	SIZE (in.)	AREA	QTY.	TOTAL AREA (ft.²)	DESCRIPTION
2 **	W020-1	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)*	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	Х	XX.XX	NO CENTER LINE
36	WO8-11	48 × 48	16.00	Х	XX.XX	UNEVEN LANES
53	G020-4	36 × 18	4.5	Х	XX.XX	PILOT CAR FOLLOW ME
(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
616-10 CONSTRI	.05 JCTION SIGN	NS TOTAL	•		xxx.xx	W IE LESS THAN TWO (2) MILES DELETE SIGN

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

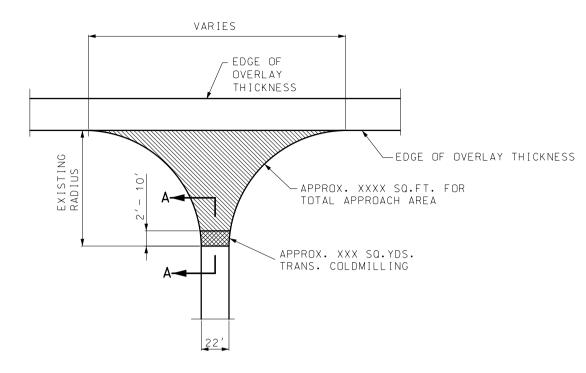
\*\*\* ADDITIONAL SIGN NO. 2 USED AS SHOWN ON TRAFFIC CONTROL SHEET 3 OF 4 AND AS DIRECTED BY ENGINEER.

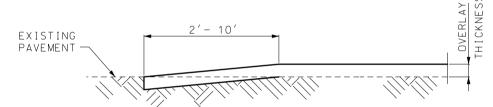
NOTE:

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

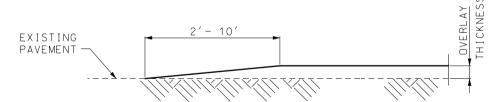
SUMMARY OF QUANTITIES SHEET 1 OF 1 JOB NO.

BRIDGE NO.

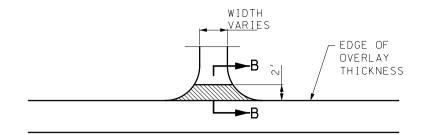


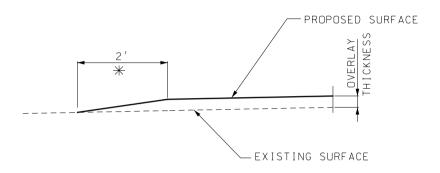


SECTION A-A
TYPICAL STATE ROUTE JUNCTION
(COLDMILLED TRANSITION)



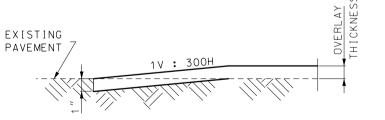
ALTERNATE SECTION A-A
TYPICAL STATE ROUTE JUNCTION
(TAPERED TRANSITION)





SECTION B-B

TYPICAL ENTRANCE
(FIELD, PRIVATE OR COUNTY ROAD)
\*\* TAPER AT 1:1 FOR FIELD ENTRANCE



TRAVELWAY DEPTH TRANSITIONS
BEGINNING AND END OF PROJECT
AND EXCEPTIONS

SPECIAL SHEET 1 OF 1 "THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED 5/4/2017

COUNTY

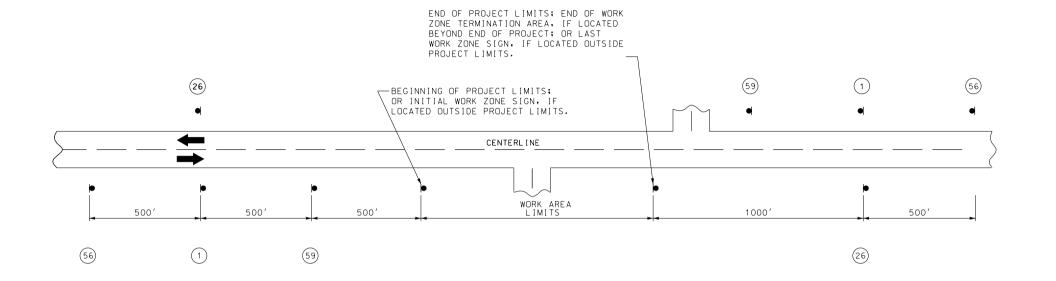
JOB NO.

CONTRACT ID.

BRIDGE NO.

STATE

4



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.



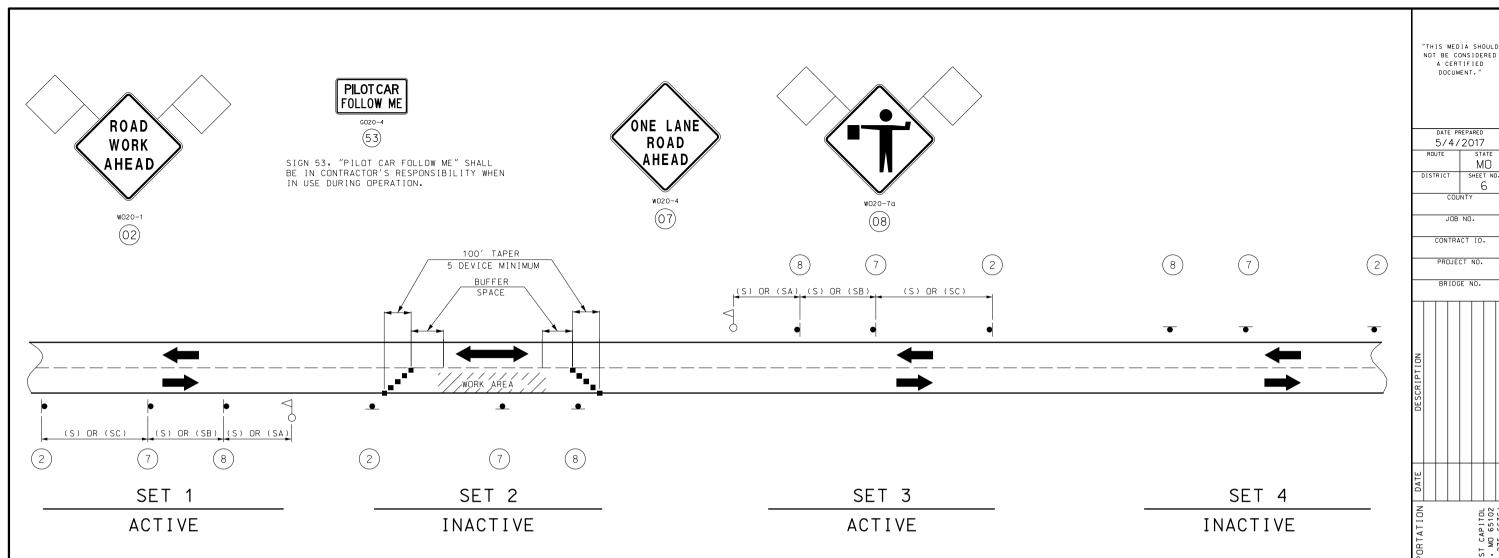






"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT." 5/4/2017 MO SHEET NO. JOB NO. CONTRACT ID. BRIDGE NO.

TRAFFIC CONTROL SHEET 1 OF 4



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

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

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 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	

### NOTES:

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

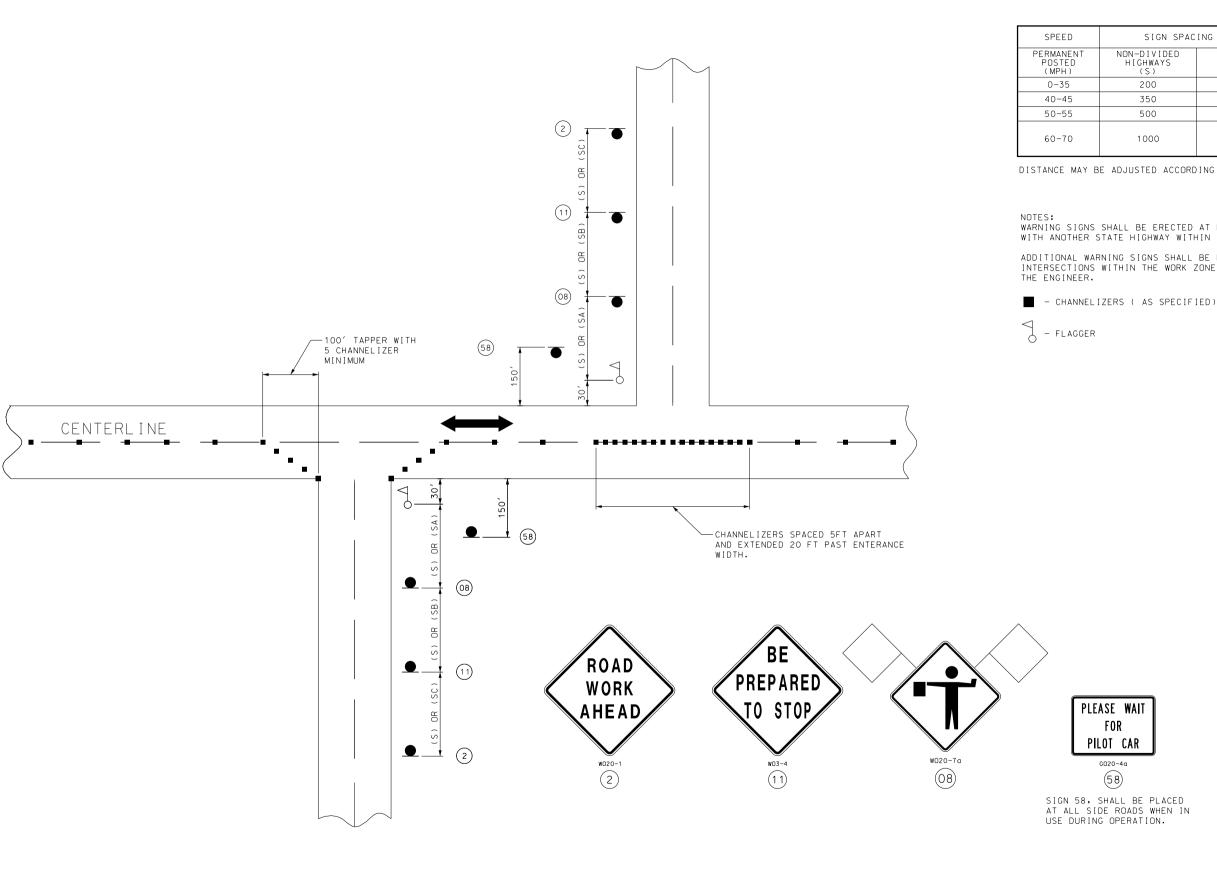
SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

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

TRAFFIC CONTROL SHEET 2 OF 4

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 3 OF 4

CONTRACT ID. PROJECT NO. BRIDGE NO.

"THIS MEDIA SHOULD NOT BE CONSIDERED

A CERTIFIED DOCUMENT."

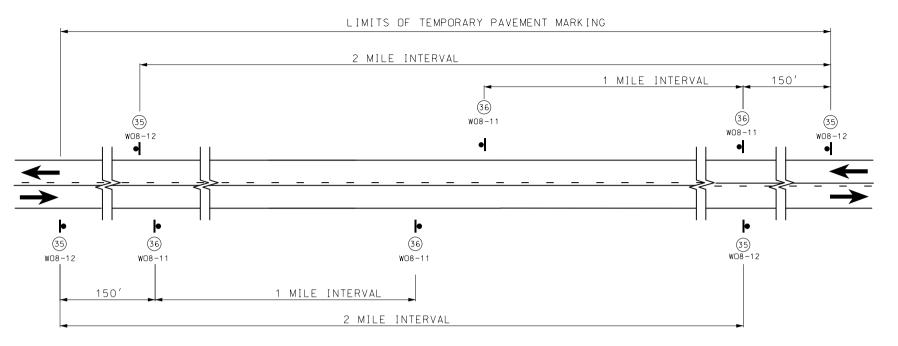
5/4/2017

JOB NO.

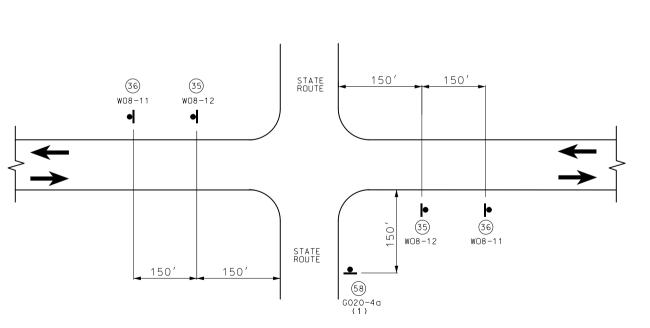
ΜO

SHEET NO.

ROUTE



### SIGN SPACING AND TEMPORARY STRIPING FOR MAINLINE



# SIGN SPACING AT STATE ROUTE INTERSECTIONS SHOWING TEMPORARY STRIPING FOR MAINLINE

(1) ADDITIONAL SIDEROADS MAY BE SIGNED AS APPROVED BY THE ENGINEER.





NOTES:

PLEASE WAIT

FOR PILOT CAR

G020-4a

(58)

SIGN (35) AND TYPE 2 TRPM INSTALLED WHERE CENTERLINE STRIPTING HAS BEEN COVERED OR REMOVED. SIGNS ARE TO REMAIN IN PLACE UNTIL THE PERMANENT CENTERLINE PAVEMENT MARKINGS ARE IN PLACE. SIGNS SHALL BE COVERED OR REMOVED WHEN PAVEMENT CENTERLINE MARKING HAS BEEN INSTALLED.

SIGN 35 IS PLACED AT APPROXIMATELY TWO-MILE INTERVALS AND AT STATE ROUTE JUNCTIONS. WHEN THE INSTALLATION AT A JUNCTION IS WITHIN ONE-EIGHTH MILE OF THE NORMAL MAINLINE SIGN 35, THE LATTER MAY BE ELIMINATED.

ALL SIGNS SHALL BE POST MOUNTED AND IN ACCORDANCE WITH STANDARD PLAN 616.10 AND 903.03.

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT." 5/10/2017 ΜO SHEET NO. 8 COUNTY JOB NO. CONTRACT ID. PROJECT NO. BRIDGE NO.

TRAFFIC CONTROL SHEET 4 OF 4