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

LENGTH OF PROJECT

BEGINNING OF PROJECT END OF PROJECT

APPARENT LENGTH

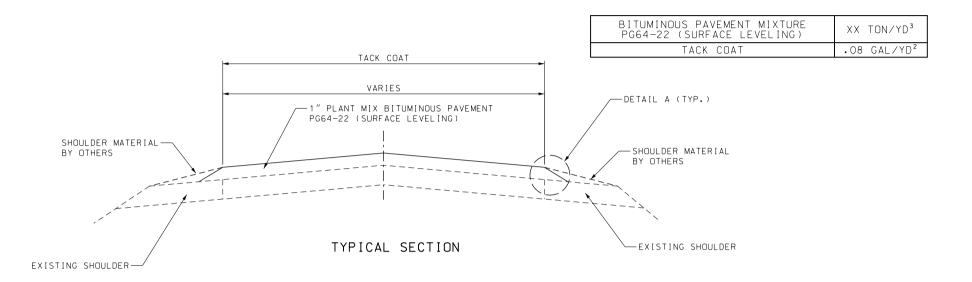
EQUATIONS AND EXCEPTIONS:

TOTAL CORRECTIONS NET LENGTH OF PROJECT STATE LENGTH

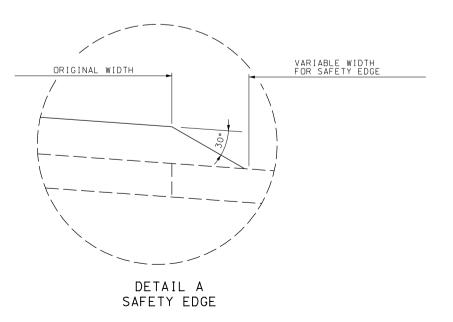
"THIS MEDIA SHOULD NOT BE CONSIDERED
A CERTIFIED
DOCUMENT."

> DATE PREPARED 5/4/2017 JOB NO. CONTRACT ID.

BRIDGE NO.



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



TYPICAL SECTION
SHEET 1 OF 1

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT." DATE PREPARED 5/4/2017 STATE MO 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 RATE

BITUM	INOUS F	AVEMENT	MIXTURE PG6	4-22 SURFACE	LEVELING (INTERSECTIONS/ENTRANCES)
LOG MILE	NET	AVERAGE	QUANTITY	TACK	REMARKS
	LENGTH	WIDTH			
	MILES	FEET	TONS(1)	GALLONS	
		TOTALC			
		TOTALS			

	TOTALS					
 VATERBOR	E QUANTIT	ING PAINT 4"		SIGN NO.	SIGN	SIZE (in.)
	L ΕΔCΗ					

LOG N	11LE	LOG MILE	QUANTITY	REMARKS
			EACH	
		TOTAL		

V	VATERBOR	NE MARK	ING	PAINT	4 "	WHITE
LOG MILE	LOG MILE	QUANTITY		REM	ARKS	·)
		EACH				
	TOTAL					
		I Manent Pave	L MENT	MARKING S	SHALL	BE IN ACCORDANCE
WITH 620.10.						

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

SIGN NO:	SIGN	SIZE (in.)	AREA (ft. ²)	QTY.	AREA	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)*	G020-1	60 × 24	10.00	2	20	ROAD WORK NEXT 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
36	WO8-11	48 × 48	16.00	X	XX.XX	UNEVEN LANES
(53)	G020-4	36 × 18	4.5	X	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	X	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
	WO22-6E	21 X 15	2.19	X	XX.XX	WET PAINT (ARROW PIVOTS)
616-10 CONSTRI	.05 JCTION SIGN	NS TOTAL			xxx.xx	

CONSTRUCTION SIGNING

AREA QTY.

FLAG ASSEMBLIES

REMARKS

QUANTITY

EACH

* 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:

MODIFIED COLD MILLING (DEPTH TRANSITION)

SQ.YD.

REMARKS

LOG MILE LOG MILE QUANTITY

STATE ROUTE ENTRANCES

TOTAL

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

MOBILIZATION
1 LUMP SUM

SUMMARY OF QUANTITIES SHEET 1 OF 1

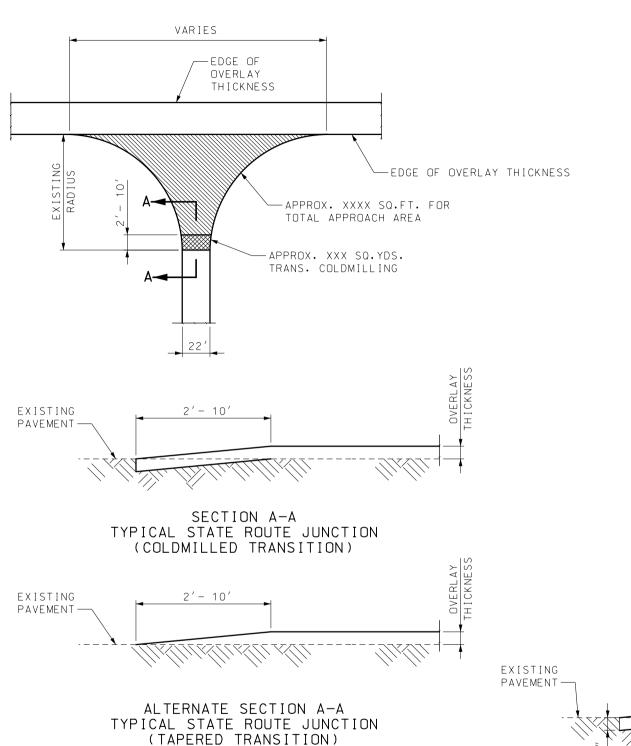
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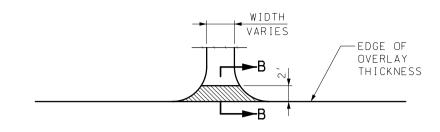
5/4/2017

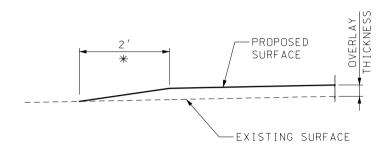
JOB NO. CONTRACT ID.

BRIDGE NO.

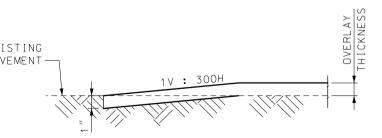
MO







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.

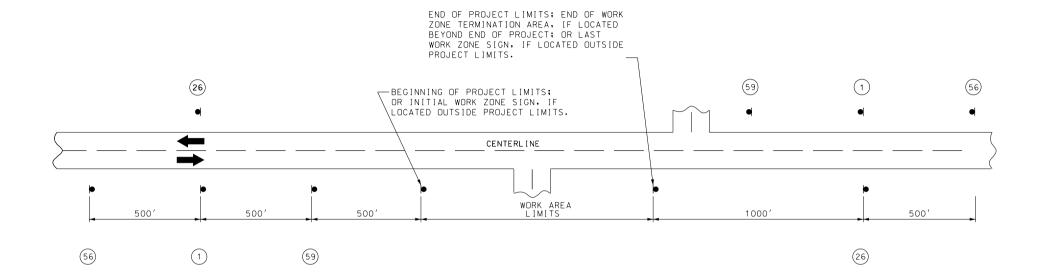
PROJECT NO.

BRIDGE NO.

ROUTE

STATE

SHEET NO.

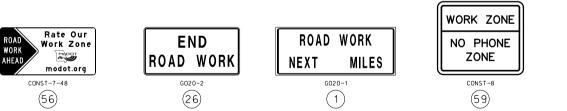


NOTES:

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

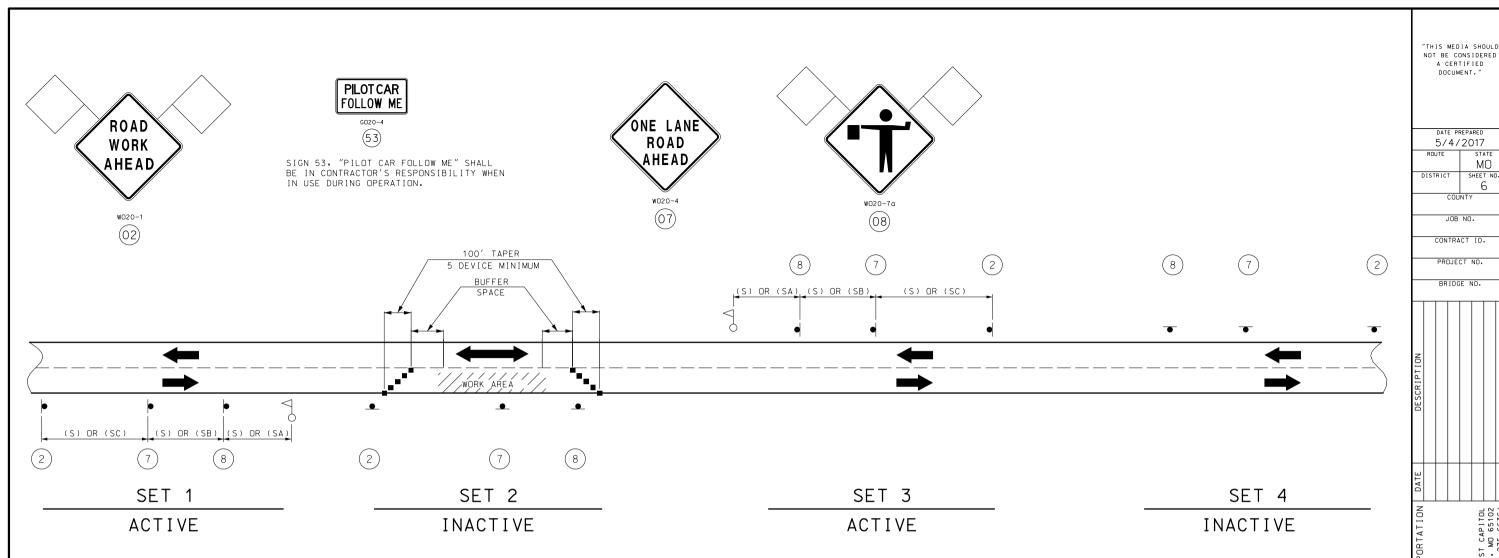
PROVIDE SIGNS IN EACH DIRECTION ON TWO-WAY HIGHWAY.

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 5



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		CING (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

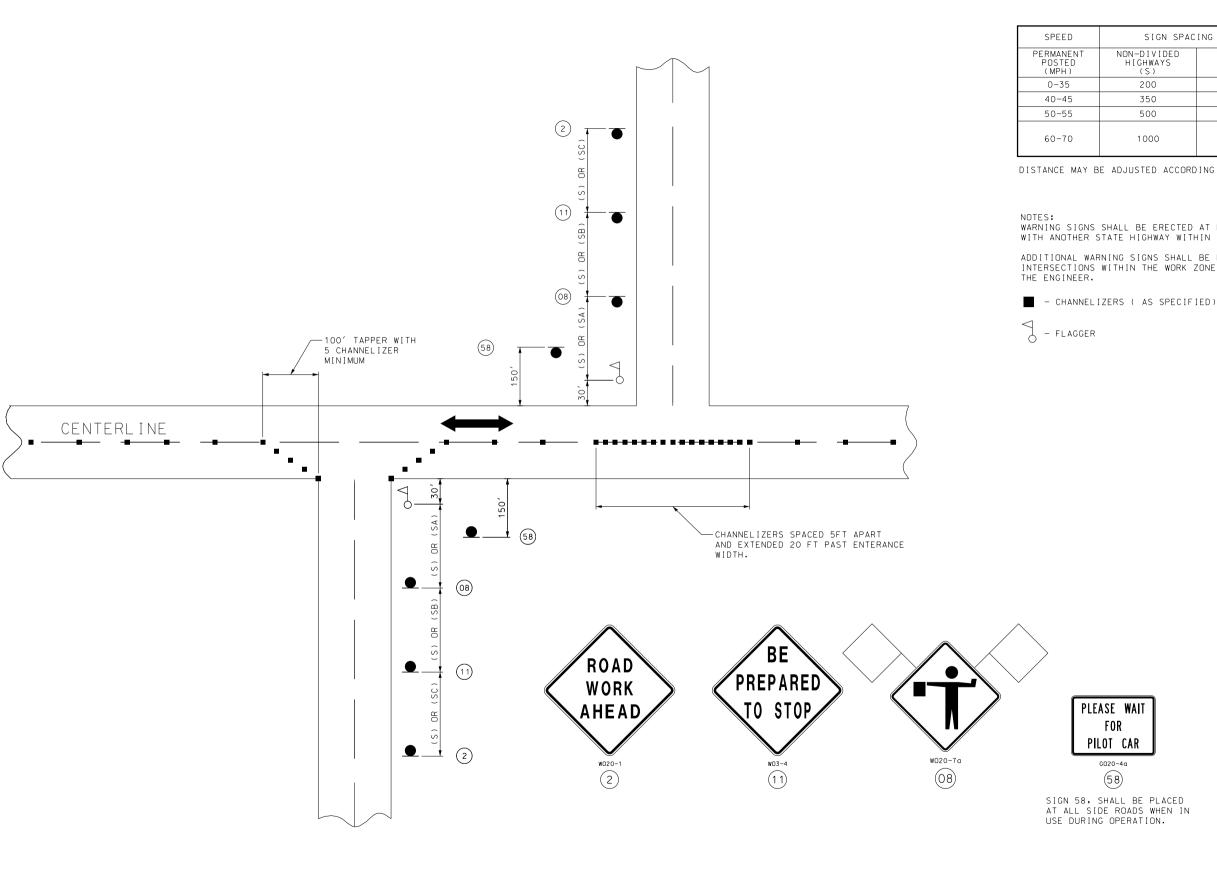
SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

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

TRAFFIC CONTROL SHEET 2 OF 5

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 5

"THIS MEDIA SHOULD NOT BE CONSIDERED

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5/4/2017

JOB NO.

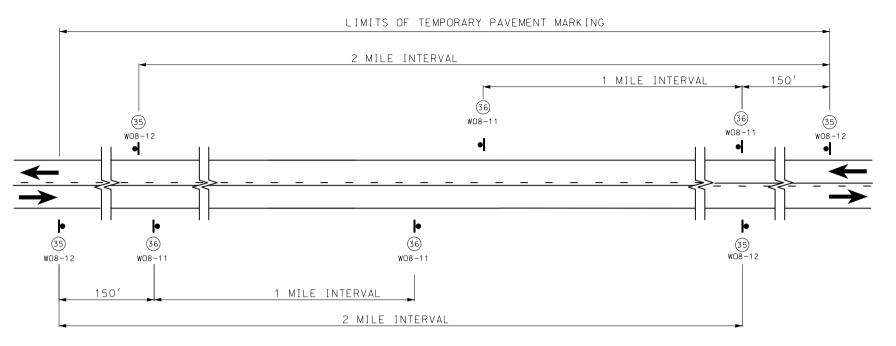
CONTRACT ID.

BRIDGE NO.

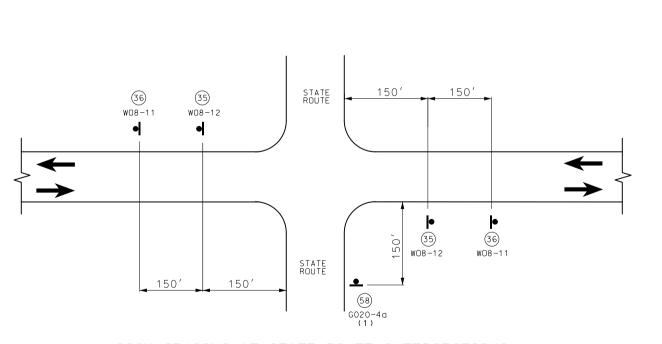
ΜO

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)

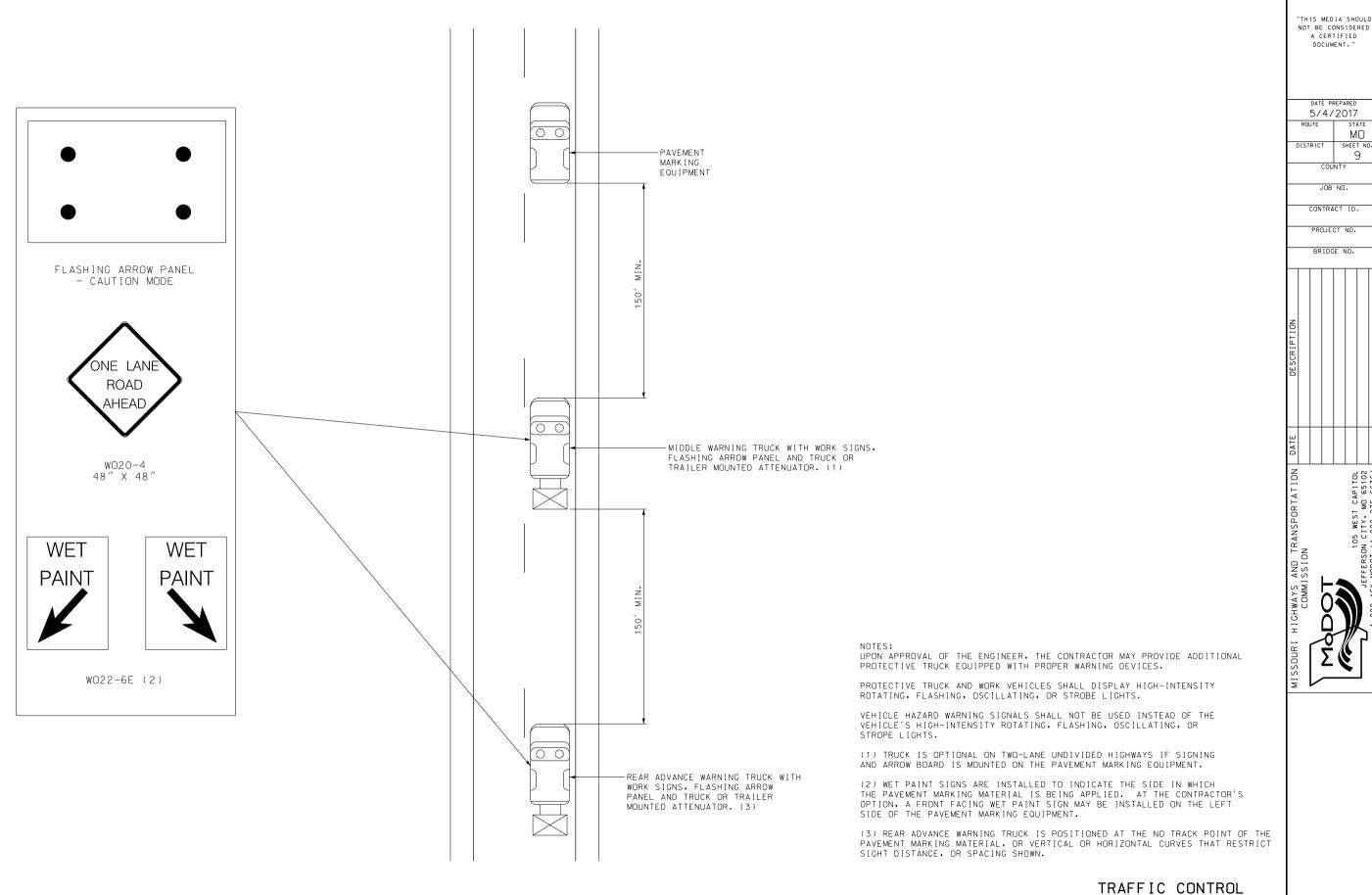
SIGN (35) AND TYPE 2 TRPM INSTALLED WHERE CENTERLINE STRIPING HAS BEEN COVERED OR REMOVED. SIGNS ARE TO REMAIN IN PLACE UNTIL THE PERMANENT CENTERLINE PAVEMENT MARKINGS ARE IN PLACE. SIGNS SHALL BE COVERED OR REMOVED WHEN PAVEMENT CENTERLINE MARKING HAS BEEN INSTALLED.

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." 5/4/2017 ROUTE ΜO SHEET NO. 8 COUNTY JOB NO. CONTRACT ID. PROJECT NO. BRIDGE NO.

NOT TO SCALE



CENTERLINE/EDGELINE STRIPING ON TWO-LANE HIGHWAYS

SHEET 5 OF 5