## MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION PLANS FOR PROPOSED STATE HIGHWAY

#### INDEX OF SHEETS

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# DATE PREPARED O1/16/2009 ROUTE STATE MO DISTRICT SHEET NO. COUNTY CONTRACT ID. BRIDGE NO.

"THIS MEDIA SHOULD

#### LENGTH OF PROJECT

BEGINNING OF PROJECT

APPARENT LENGTH

H MILE

EQUATIONS AND EXCEPTIONS:

MISSOURI HIGHWAYS A COMMIS

TOTAL CORRECTIONS
NET LENGTH OF PROJECT
STATE LENGTH

#### MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

#### **SUMMARY OF QUANTITIES**

	SHOULDER RUMBLE STRIPS										
LOG MI	ILE L	_OG	MILE	ASPHALT FULL	ASPHALT MINI	CONCRETE FULL	CONCRETE MINI	REMARKS			
TOTAL	L										

		FLASHING ARROW PANEL	
ITEM NO.	TOTAL	REMARKS	
616-10.40			

CHANNEL I ZERS							
ITEM NO.	TOTAL	REMARKS					
616-10.25							

	"DR I VE	E SMART"	SIGN	INSTALLATION	
ITEM NO.	QTY.	REMARKS			
616-11.20	2				

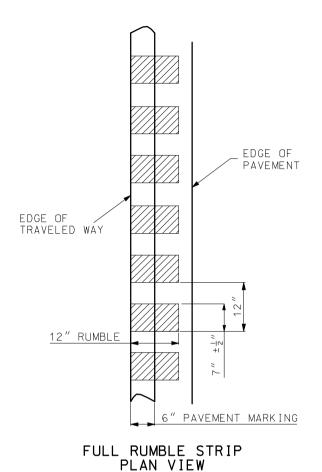
CONSTRUCTION SIGNING										
SIGN NO.	SIGN	SIZE (in.)	AREA	QTY.	TOTAL AREA (ft.²)	DESCRIPTION				
2	W020-1	48 × 48	16.00	Х	XXX	ROAD WORK AHEAD				
7	W020-4	48 × 48	16.00	Х	XXX	ONE LANE ROAD AHEAD				
8 W020-7a		48 × 48	16.00	Х	XXX	FLAGGER (SYMBOL)				
4 & 25	R2-1	36 × 48	12.00	Х	XXX	SPEED LIMIT XX 4 XX MPH 23 XX MPH				
69	G023-1	36 × 12	3.00	Х	XXX	WORK ZONE PLAQUE				
3	W3-5	36 × 36	9.00	Х	XXX	REDUCED SPEED AHEAD (SYMBOL) ③ XX MPH				
1) *	G020-1	60 x 24	10.00	Х	XXX	ROAD WORK NEXT XX MILES ① XX MILES				
£6 *	G020-2a	48 × 24	8.00	Х	XXX	END ROAD WORK				
(5)	W020-5	48 × 48	16.00	Х	XX.XX	RIGHT/CENTER/LEFT LANE CLOSED AHEAD				
6	W020-6a	48 × 48	16.00	Х	XXX	RIGHT/CENTER/LEFT LANE CLOSED				
616-10 CONSTR	.05 UCTION SIG	NS TOTAL	1	1	xxx.xx					

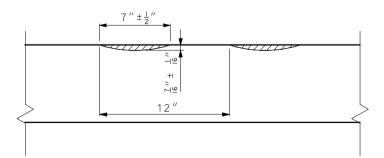
\* IF LESS THAN TWO (2) MILES, DELETE SIGN NO. 1 AND SIGN NO. 26.

NOTE:

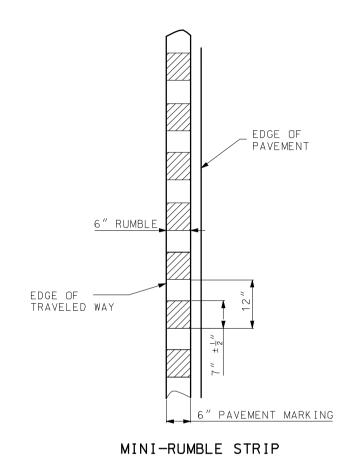
REFER TO STANDARD PLAN 616.10 AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.

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





MINI AND FULL RUMBLE STRIP CROSS SECTION VIEW



GENERAL NOTES:

PLAN VIEW

RUMBLES SHALL NOT ENCROACH ON THE TRAVEL WAY.

EXISTING EDGE LINES SHALL BE USED AS THE GUIDE FOR RUMBLE STRIP PLACEMENT.

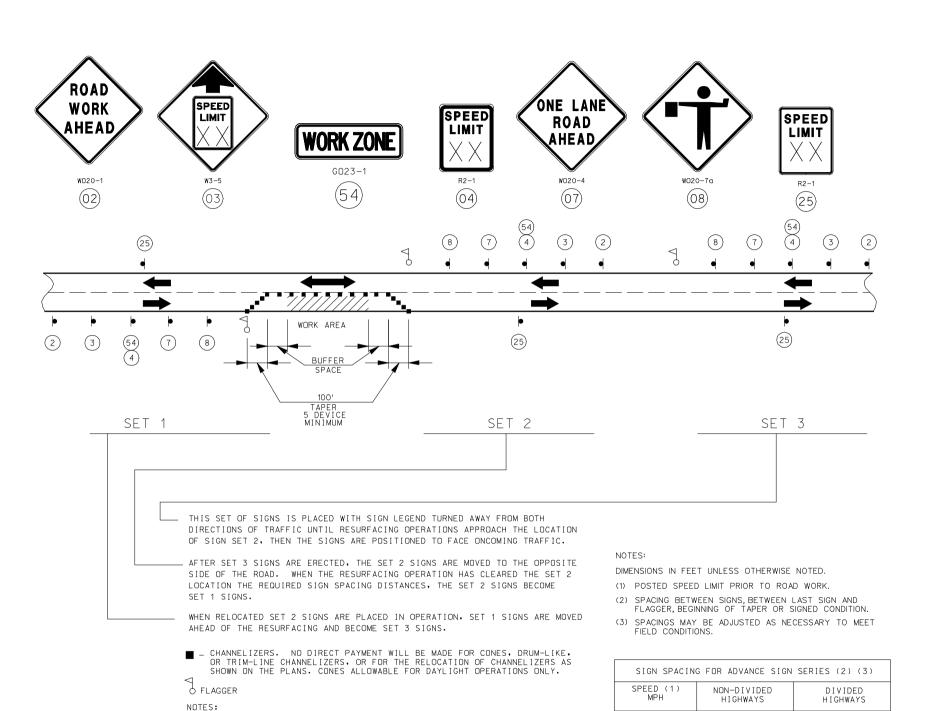
FINAL STRIPING TO BE COMPLETED BY OTHERS.

SPACINGS AT SIDE ROADS AND ENTRANCES SHALL BE IN ACCORDANCE WITH STANDARD PLAN 626.00.

### MILLED RUMBLE STRIP LOCATION RETROFIT

02/01/2009

	"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."										
H	DATE PREPARED 02/17/2009										
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F	) IST	RIC	Т	S	HEE	T NO	٠.				
			COU	NTY	,						
F			JOB	NO	•						
F		CON	TRA	СТ	10						
H	PROJECT NO.										
H		BR	1DG	ΕN	10.						
DESCRIPTION											
DATE											
MISSOURI HIGHWAYS AND TRANSPORTATION	COMMISSION		MODOT		105 WEST CAPITOL	JEFFERSON CITY, MO 65102	1-888-ASK-MODOT (1-888-275-6636)				



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.

0 - 35

40 - 45

50 - 55

60 - 70

200

350

500

1000

200

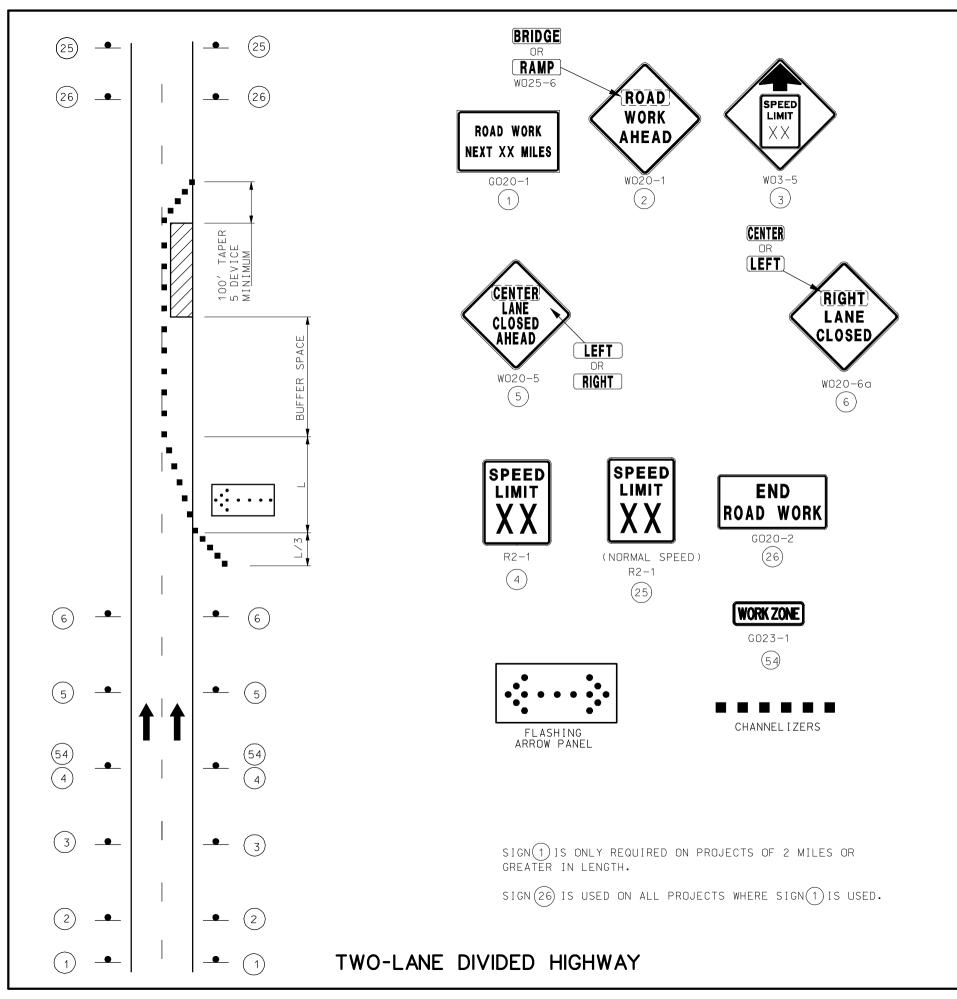
500

1000

1000

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT." 02/10/2009 MΟ SHEET NO. 6 COUNTY JOB NO. CONTRACT ID. PROJECT NO. BRIDGE NO.

TRAFFIC CONTROL SHEET 2 OF 3



E	TAPER LENGTHS AND SPACING OF CHANNELIZING DEVICES									
	SPEED	TAPER		S (L)		HANNEL IZER CING				
	MPH (S)	FOR LATE	11 FT	12 FT	THROUGH TAPER	THROUGH WORK AREA				
t	0-35	205FT	225FT	245 F T	35 F T	50FT				
Γ	40-45	450FT	495FT	540 F T	40 F T	100FT				
	50-55	550FT	605FT	660 F T	50 F T	100FT				
	60-70	700FT	770FT	840 F T	60FT	100FT				

SIGN SPACING FOR ADVANCE SIGN SERIES

SPACING BETWEEN SIGNS AND SPACING BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER, OR SIGNED CONDITION.

SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

SPEED MPH (S)	NON-DIVIDED HIGHWAYS	DIVIDED HIGHWAYS
0-35	200 FT	200 FT
40-45	350 FT	500 FT
50-55	500 FT	1000 FT
60-70	1000 FT	1000 FT

#### TAPER LENGTH (L)

 $L = W \times S$  FOR 45 MPH OR MORE

 $= \frac{WS^2}{60} \text{ FOR 40 MPH OR LESS}$ 

L = TAPER LENGTH IN FEET

W = LATERAL SHIFT IN FEET

S = POSTED SPEED PRIOR TO ROAD WORK IN MPH

DATE PREPARED
02/10/2009
ROUTE STATE
MO
DISTRICT SHEET NO.

COUNTY

JOB NO.

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

"THIS MEDIA SHOULD NOT BE CONSIDERED

OMMISSION		105 WEST CAPITOL	JEFFERSON CITY, MO 65102	-ASK-MODOT (1-888-275-6636)	
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