

VARIOUS ROUTES
A.A.D.T. - 2025 = VARIOUS
V = VARIOUS

NO NEW RIGHT-OF-WAY
REQUIRED

NOTE: DASHED OR OPEN SYMBOLS INDICATE
EXISTING FEATURES

EXISTING	NEW
FO	FO
OTV	OTV
UTV	UTV
OT	OT
UT	UT
OE	OE
UE	UE
S	S
SS	SS
G	G
W	W

SAN
 HYD
 WV
 WA
 D

 STGN

 PED

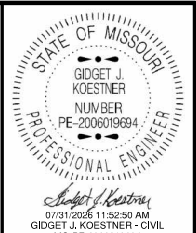
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JOB ORDER CONTRACTING FOR GUARDRAIL IMPROVEMENTS

NOT TO SCALE

DESCRIPTION	NUMBER
TITLE SHEET	1
SPECIAL SHEETS (SS).....	2
TRAFFIC CONTROL SHEETS (TC).....	3-11

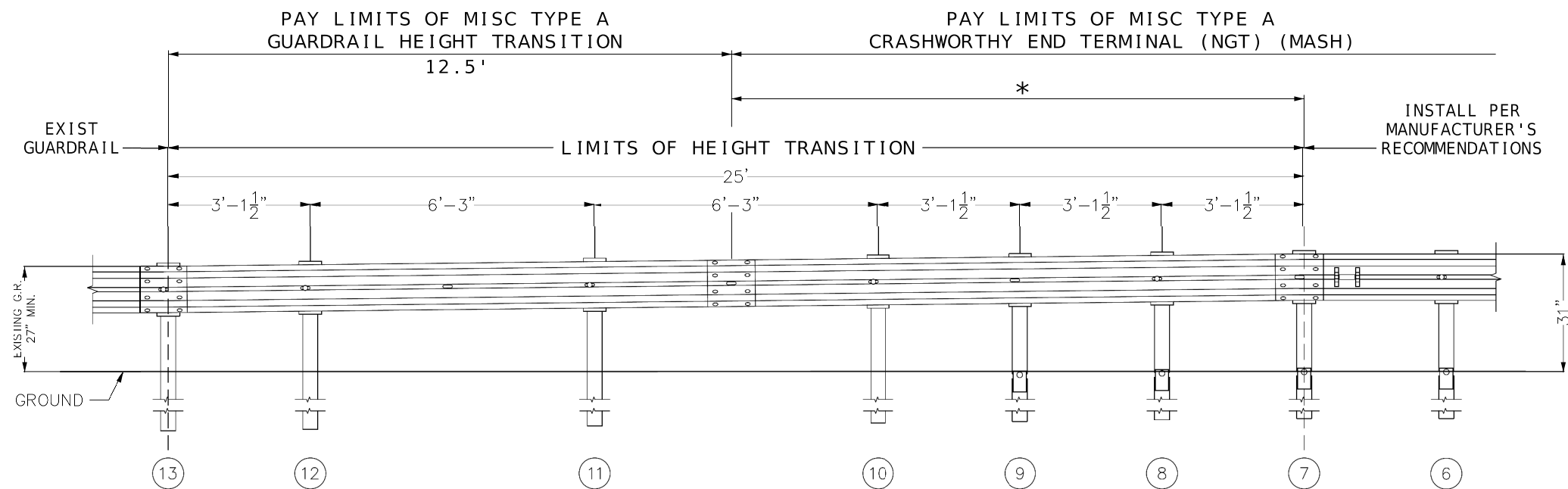
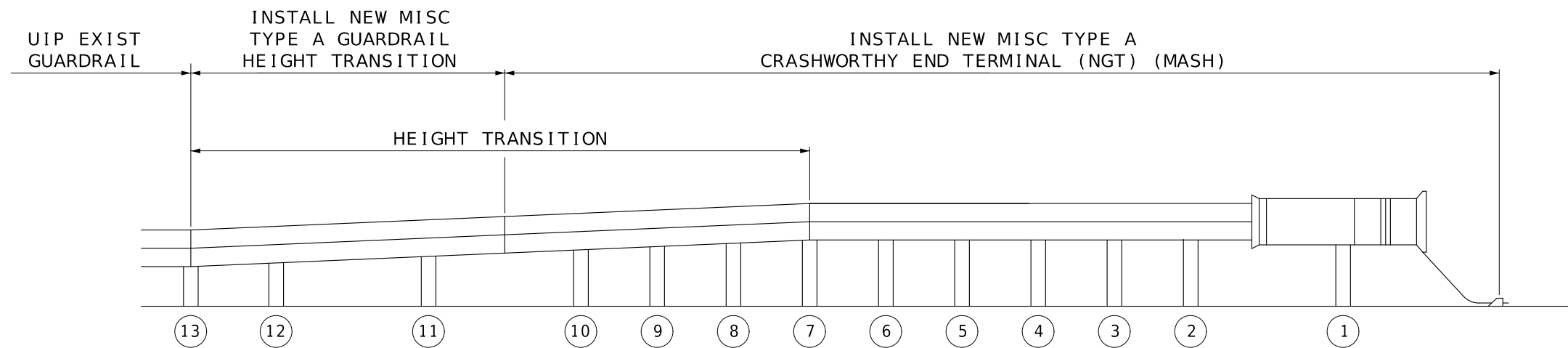


MO-PE-2006019694	
DATE PREPARED	
6/29/2026	
ROUTE	STATE
VAR	MO
DISTRICT	SHEET NO.
CD	1
COUNTY	
VARIOUS	
JOB NO.	
JST0141B	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

[illegible]


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



NOTE:
GUARDRAIL INSTALLATION SHALL FOLLOW MANUFACTURER'S
RECOMMENDATIONS/SPECIFICATIONS/DRAWINGS UNLESS OTHERWISE
NOTED IN THE PLANS AND/OR JOB SPECIAL PROVISIONS.

* TRANSITION HEIGHT FROM POST 7 THROUGH POST 10 AND
MID-SPAN SPLICE. INSTALLATION IS MODIFIED FROM TYPICAL
MANUFACTURER'S RECOMMENDATIONS.

DRAWING NOT TO SCALE. FOLLOW DIMENSIONS



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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)

TYPE A CRASHWORTHY END TERMINAL -
NEXT GENERATION TERMINAL (NGT) (MASH)
& TYPE A GUARDRAIL HEIGHT TRANSITION
SPECIAL SHEET 1 OF 1

Sign Spacing, Device Spacing
and Channelizing Taper Lengths

SIGN SPACING (S) FOR ADVANCE SIGN SERIES (1) (2)		
SPEED MPH	UNDIVIDED HIGHWAYS	DIVIDED HIGHWAYS
0-35	200	200
40-45	350	500
50-55	500	1000
60-70	1000	SA-1000 SB-1500 SC-2640

TAPER LENGTHS AND SPACING OF CHANNELIZING DEVICES					
SPEED MPH	MINIMUM TAPER LENGTHS (L) FOR LANE WIDTHS (W)			MAXIMUM CHANNELIZER SPACING	
	10 FT	11 FT	12 FT	THROUGH TAPER	THROUGH WORK AREA
0-35	205	225	245	35	40
40-45	450	495	540	40	80
50-55	550	605	660	50	80
60-70	700	770	840	60	120

NOTES:

DIMENSIONS IN FEET UNLESS OTHERWISE NOTED.

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

(2) SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS

LONGITUDINAL BUFFER SPACE (B)	
SPEED MPH	BUFFER SPACE
0-35	250
40-45	360
50-55	495
60-70	730

TAPER LENGTH (L):

L = WS FOR 40 MPH OR MORE

L = $\frac{WS^2}{60}$ FOR 35 MPH OR LESS

FOR SHOULDER TAPER USE L/3

WHERE:

L = TAPER LENGTH IN FEET

W = LATERAL SHIFT IN FEET

S = POSTED SPEED IN MPH

TRAFFIC CONTROL DEVICES

GENERAL NOTES:

- SEE STANDARD PLAN 616.10 FOR DETAILS AND ITEMS NOT SHOWN
- EXISTING SIGNS SHALL BE COVERED DURING WORKING HOURS ONLY IF IN CONFLICT WITH TRAFFIC CONTROL PLANS.
- NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING OR REMOVING SIGNS.
- CONES ALLOWABLE FOR DAYTIME OPERATIONS ONLY.
- LOCATE FLASHING ARROW PANEL AT BEGINNING OF TAPER WHEN FEASIBLE, ARROW PANELS ARE ALWAYS LOCATED BEHIND CHANNELIZERS OR CONES.

TRAFFIC CONTROL LEGEND

• SIGN (SINGLE SIDED)

• SIGN (DOUBLE SIDED)

◁ FLAGGER

▲ DIRECTION INDICATOR BARRICADE

■ CHANNELIZER

E BARRICADE

CHANGEABLE MESSAGE BOARD

FLASHING ARROW PANEL

TMA (TRUCK MOUNTED ATTENUATOR) WITH FLASHING ARROW PANEL



DATE PREPARED 6/29/2026	
ROUTE VAR	STATE MO
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JOB NO. JST0141B	
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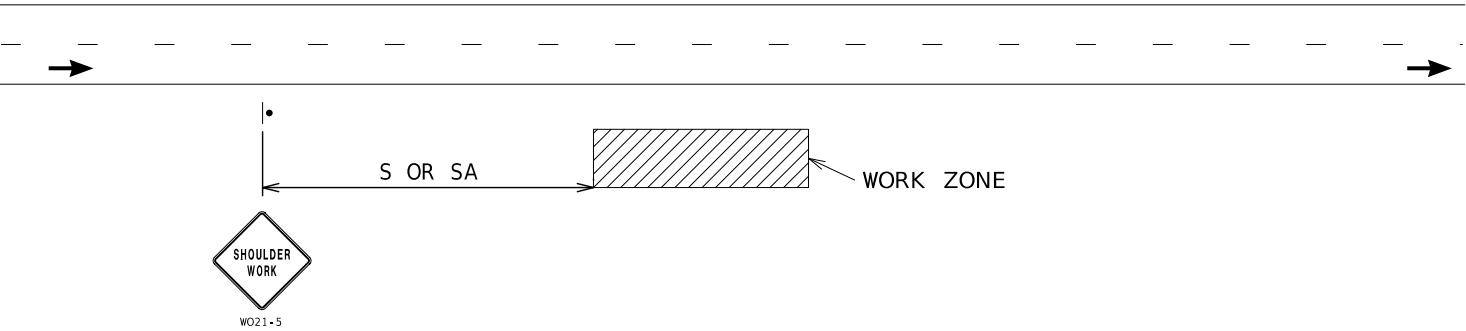
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

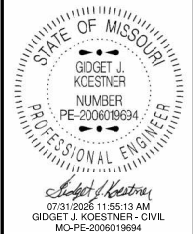


WORK BEYOND SHOULDER - UNDIVIDED OR DIVIDED ROADWAYS

USED FOR WORK THAT OCCURS OFF THE ROADWAY SHOULDER BUT WITHIN THE CLEAR ZONE.
NOT TO BE USED WHEN WORK VEHICLES ARE PARKED ALONG THE SHOULDER EVEN WHEN
THE WORK IS BEING PERFORMED OFF THE SHOULDER.

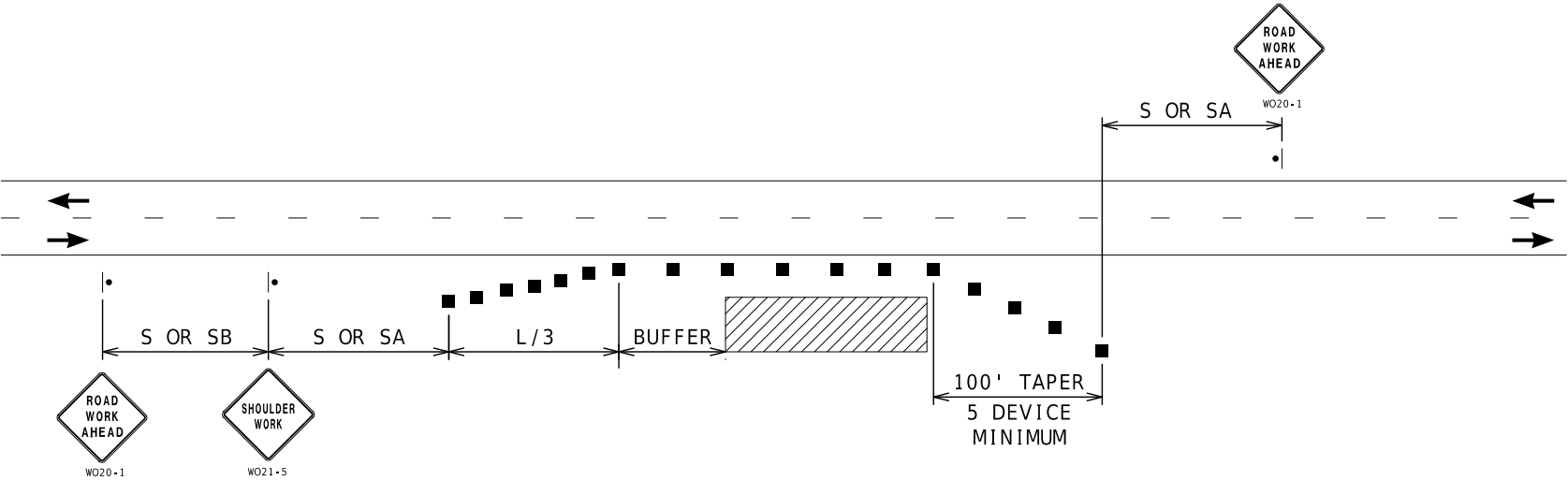
NOTES:
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

NOT TO SCALE



DATE PREPARED 6/29/2026	
ROUTE VAR	STATE MO
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JOB NO. JST0141B	
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PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

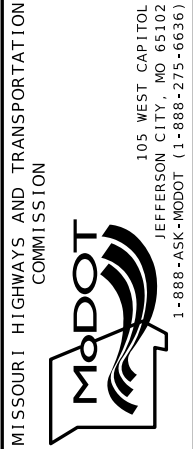


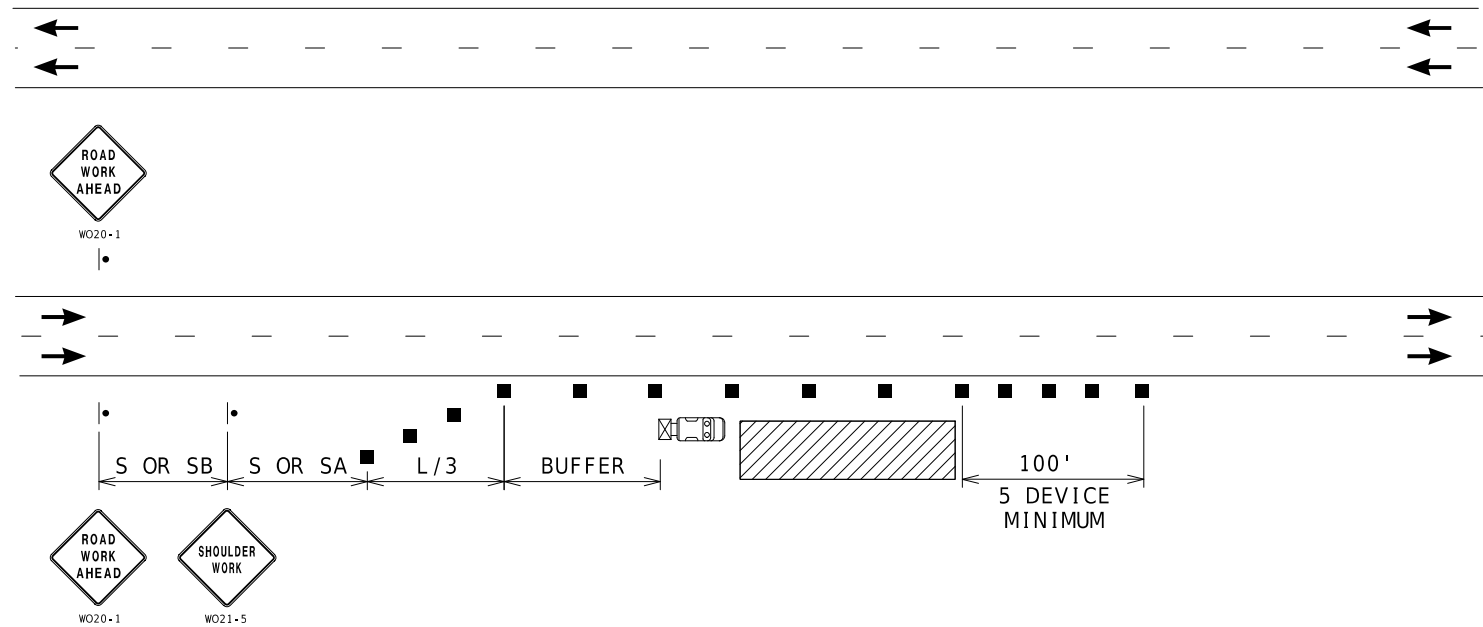
SHOULDER WORK - UNDIVIDED ROADWAYS

USED FOR WORK ON SHOULDER OR FOR WORK OFF SHOULDER
WITH WORK VEHICLES PARKED ON THE SHOULDER.

NOTES:
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

NOT TO SCALE





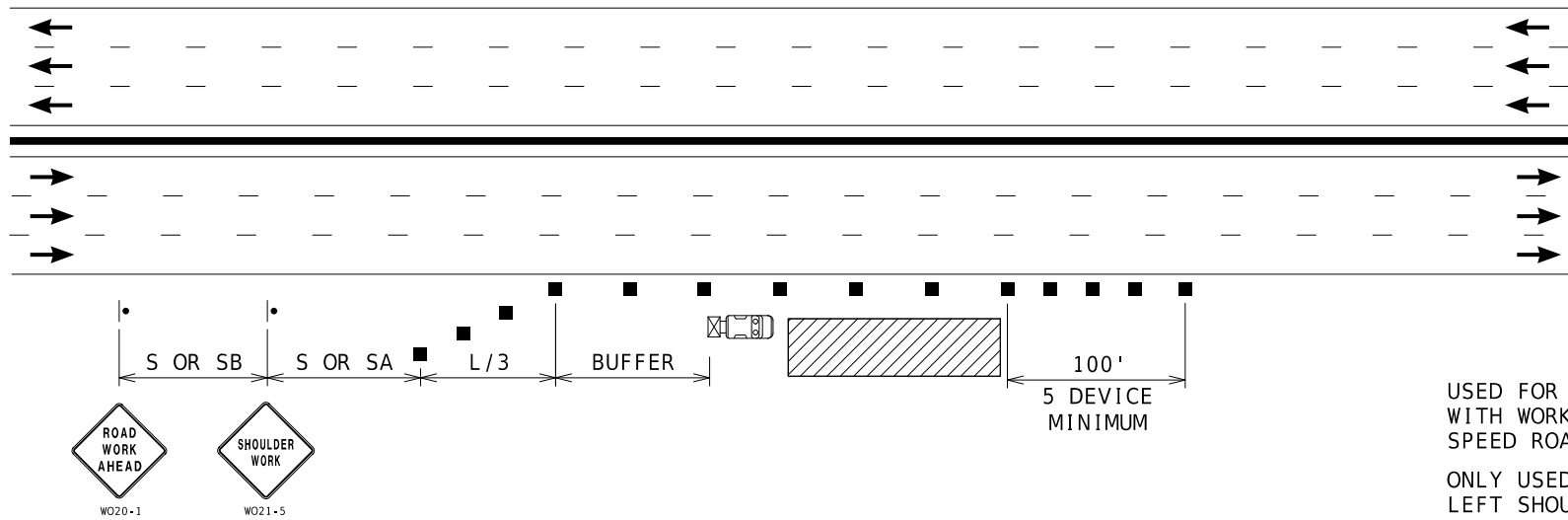
RIGHT SHOULDER WORK- HIGH SPEED DIVIDED ROADWAYS

NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

USED FOR WORK ON SHOULDER OR FOR WORK OFF SHOULDER
WITH WORK VEHICLES PARKED ON THE SHOULDER OF A HIGH SPEED ROADWAY.

NOT TO SCALE



USED FOR WORK ON SHOULDER OR FOR WORK OFF SHOULDER
WITH WORK VEHICLES PARKED ON THE SHOULDER OF A HIGH
SPEED ROADWAY.

ONLY USED FOR SIX OR MORE LANE FREEWAYS WITH NARROW
LEFT SHOULDER ADJACENT TO CONCRETE MEDIAN BARRIER

RIGHT SHOULDER WORK
MULTI-LANE FREEWAYS WITH MEDIAN BARRIER

NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

NOT TO SCALE

STATE OF MISSOURI

GIDGET J. KOESTNER

NUMBER

PE-2006019694

PROFESSIONAL ENGINEER

Gidget J. Koestner

07/31/2026 11:55:50 AM

GIDGET J. KOESTNER - CIVIL

MO-PE-2006019694

DATE PREPARED

6/29/2026

ROUTE

VAR

DISTRICT

CD

STATE

MO

SHEET NO.

5

COUNTY

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JST0141B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

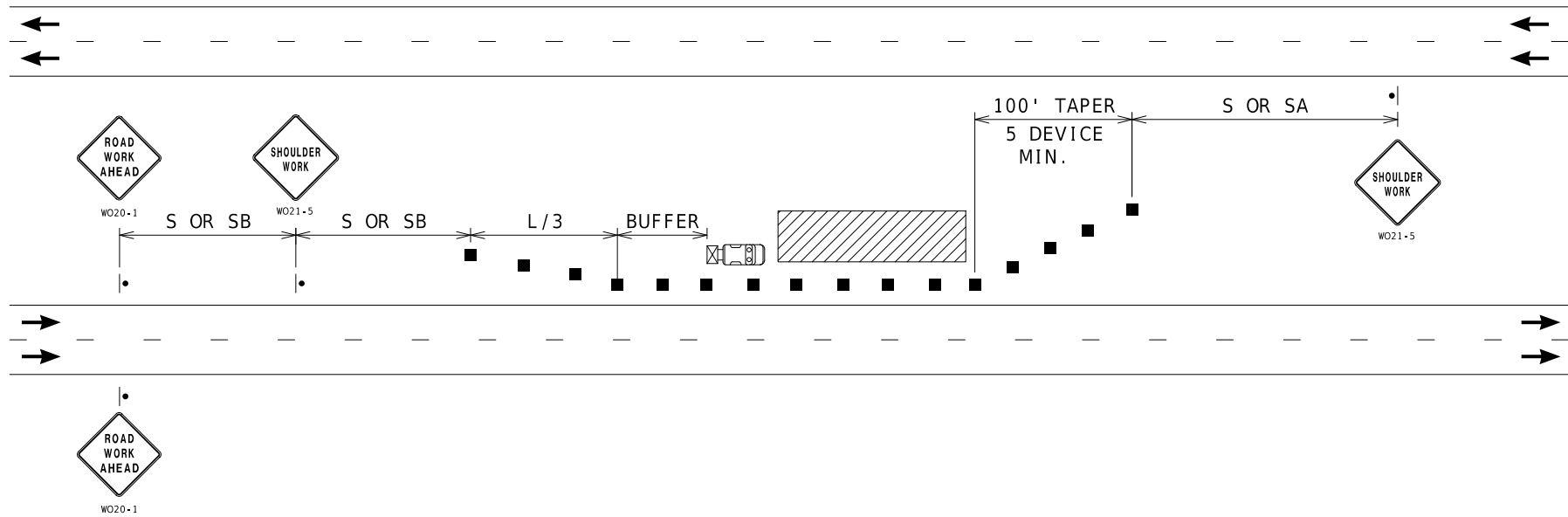
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105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

TRAFFIC CONTROL
SHEET 3 OF 9

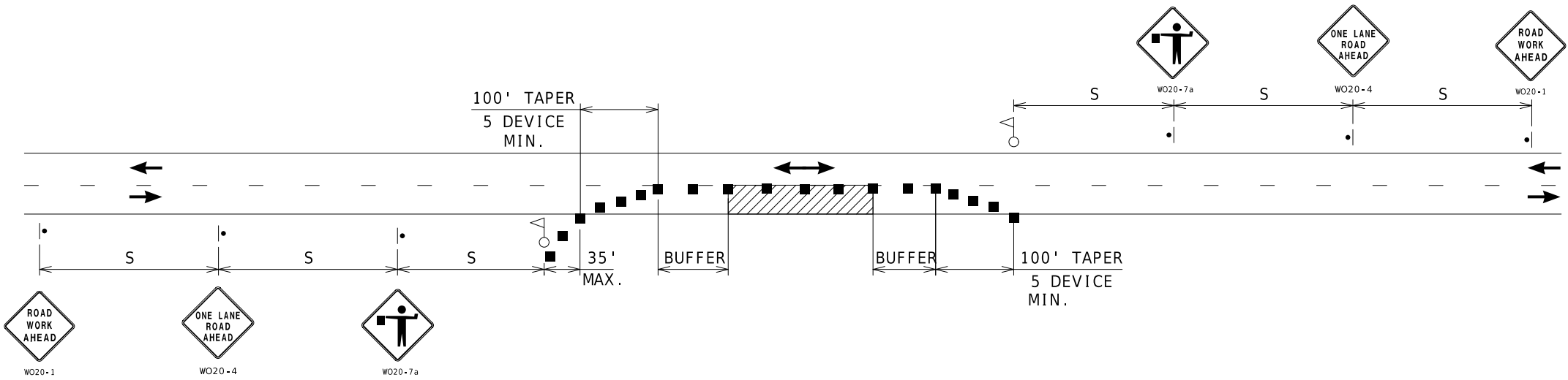


LEFT SHOULDER WORK- HIGH SPEED DIVIDED ROADWAYS

USED FOR WORK ON SHOULDER OR FOR WORK OFF SHOULDER
WITH WORK VEHICLES PARKED ON THE SHOULDER OF A HIGH SPEED ROADWAY.

NOTES:
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

NOT TO SCALE

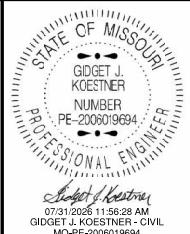


ONE-LANE TWO-WAY OPERATION WITH FLAGGERS

A MINIMUM OF TWO FLAGGERS WILL BE REQUIRED TO DIRECT TRAFFIC.
ADDITIONAL FLAGGERS MAY BE REQUIRED WHEN WORKING AT INTERSECTING
STREETS OR RAMPS AS DIRECTED BY THE ENGINEER. NO DIRECT PAYMENT
WILL BE MADE FOR FLAGGERS

NOTES:
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

NOT TO SCALE

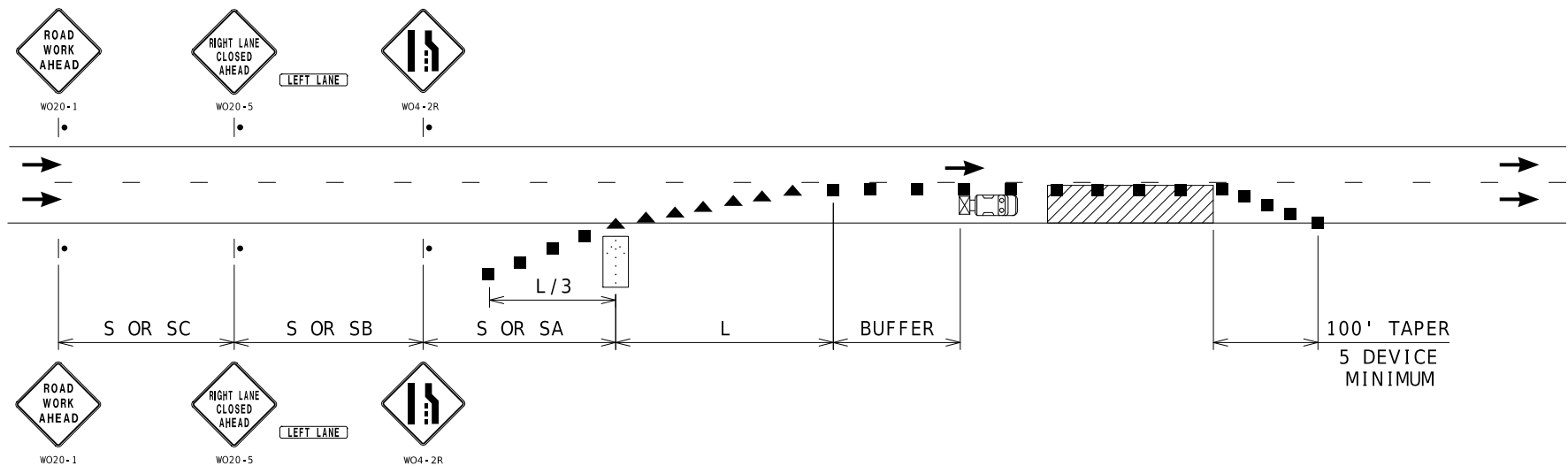


DATE PREPARED 6/29/2026	
ROUTE VAR	STATE MO
DISTRICT CD	SHEET NO. 6
COUNTY VARIOUS	
JOB NO. JST0141B	
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BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

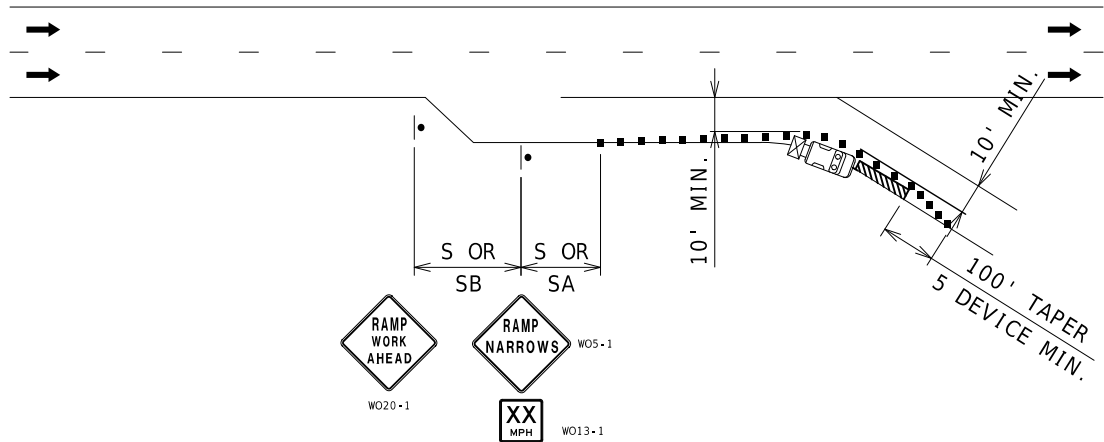
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NOTES:
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

SINGLE LANE CLOSURE

NOT TO SCALE



NOTES:
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PARTIAL RAMP CLOSURE

NOT TO SCALE

STATE OF MISSOURI

GIDGET J. KOESTNER

NUMBER

PE-2006019694

PROFESSIONAL ENGINEER

Gidget J. Koestner

07/31/2026 11:56:59 AM

GIDGET J. KOESTNER - CIVIL

MO-PE-2006019694

DATE PREPARED

6/29/2026

ROUTE

VAR

STATE

MO

DISTRICT

CD

SHEET NO.

7

COUNTY

VARIOUS

JOB NO.

JST0141B

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 (1-888-273-6636)

TRAFFIC CONTROL

SHEET 5 OF 9



NOT TO SCALE

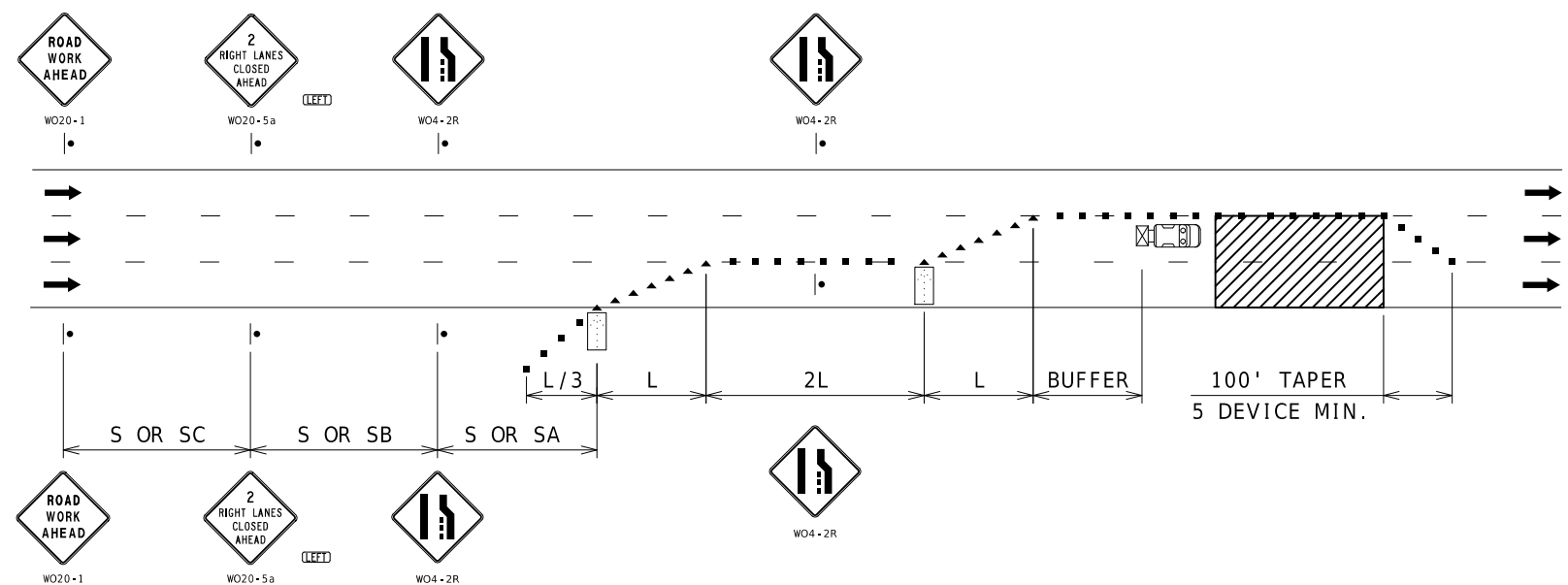


NOT TO SCALE



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COMMISSION

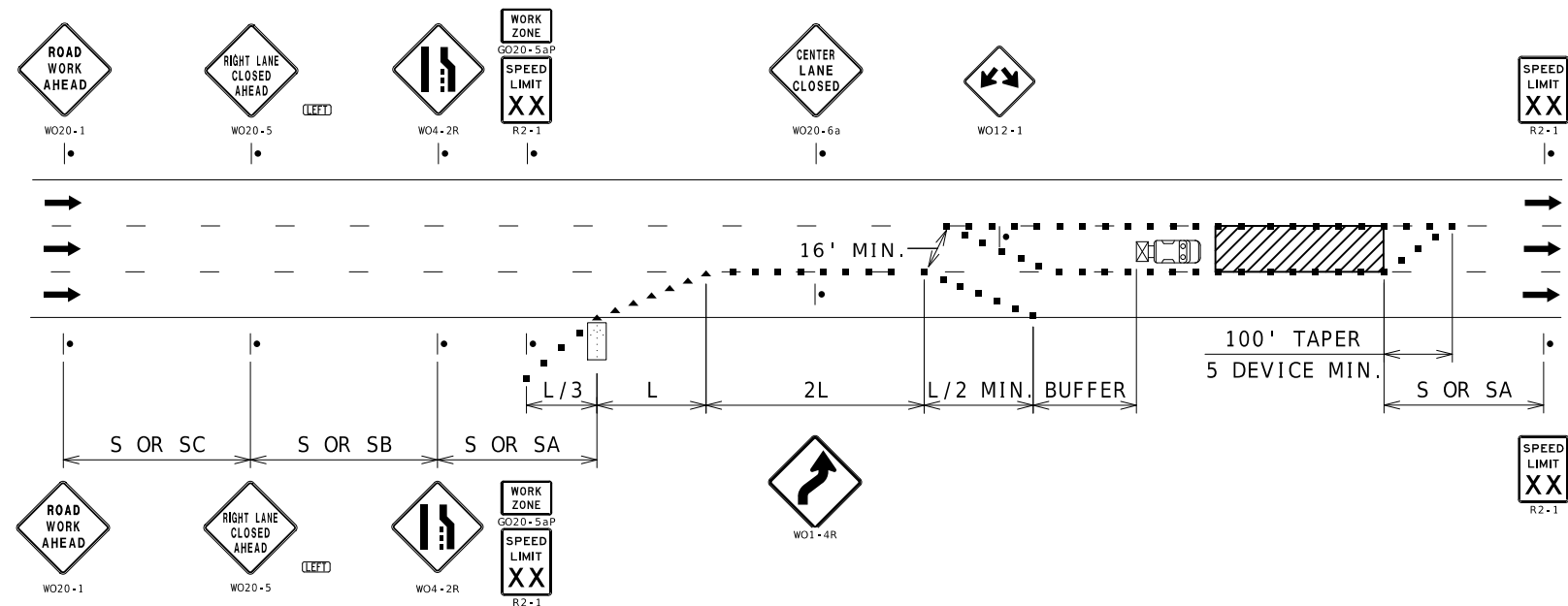
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DOUBLE LANE CLOSURE

NOTES:
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

NOT TO SCALE



INTERIOR LANE CLOSURE

NOTES:
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NOT TO SCALE

STATE OF MISSOURI

GOGET J. KOESTNER

NUMBER
PE-2006019694

PROFESSIONAL ENGINEER

07/31/2026 11:59:28 AM

GOGET J. KOESTNER - CIVIL

MO-PE-2006019694

DATE PREPARED

6/29/2026

ROUTE

VAR

DISTRICT

CD

STATE

MO

SHEET NO.

11

COUNTY

VARIOUS

JOB NO.

JST0141B

CONTRACT ID.

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DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

1-888-ASK-MODOT (1-888-273-6636)

TRAFFIC CONTROL

SHEET 9 OF 9