

DESIGN DESIGNATION  
A.A.D.T. - VARIOUS  
FUNCTIONAL CLASSIFICATION-  
INTERSTATE AND FREEWAY

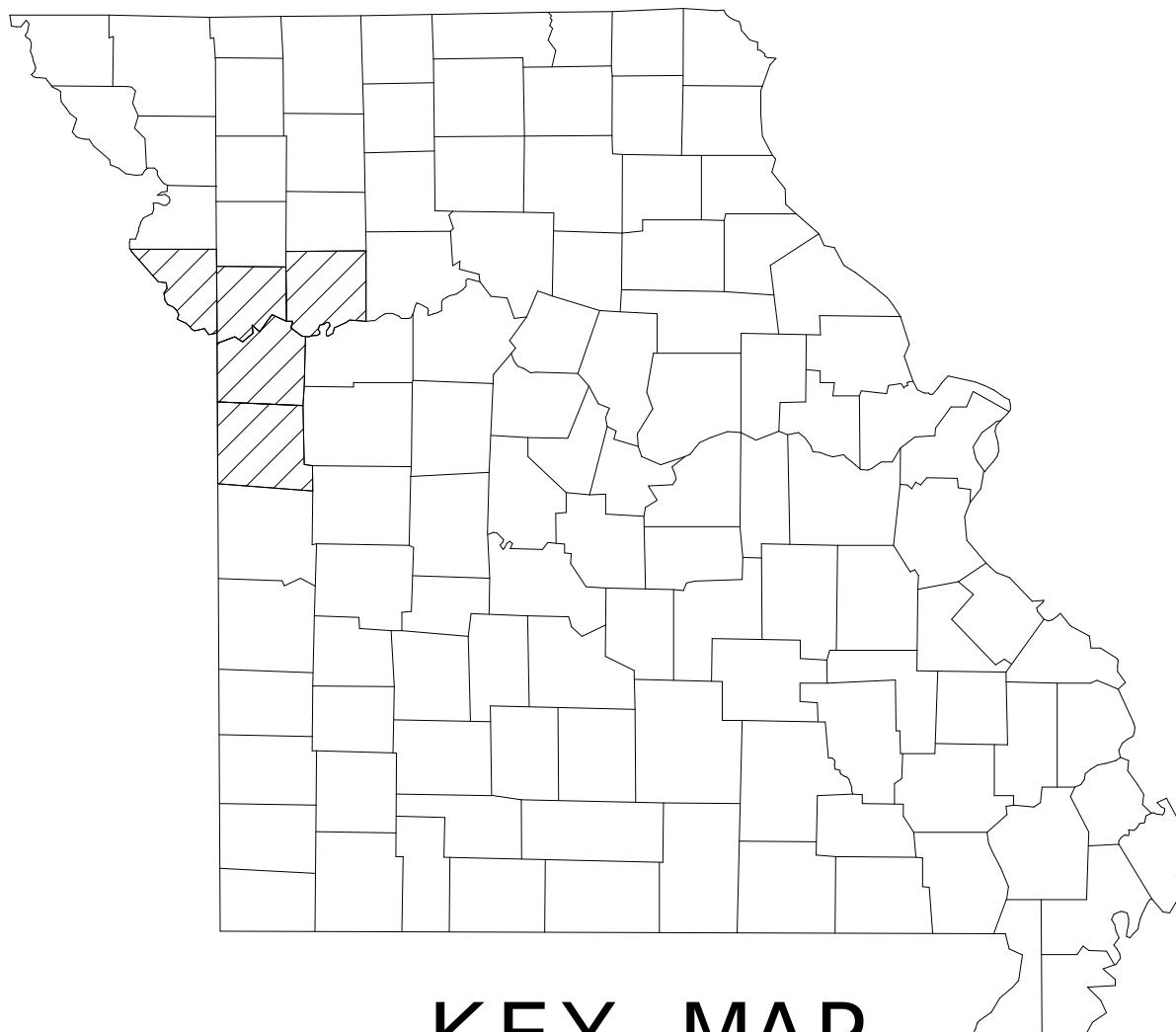
NO RIGHT OF WAY IS ACQUIRED ON THIS PROJECT

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
PLANS FOR PROPOSED  
STATE HIGHWAY  
CASS, CLAY,  
JACKSON, PLATTE AND RAY COUNTIES

CONVENTIONAL SYMBOLS  
(USED IN PLANS)

	EXISTING	NEW
BUILDINGS AND STRUCTURES	□—□	■■■■
GUARD RAIL	○○○○	●●●●
GUARD CABLE	○○○○	●●●●
CONCRETE RIGHT-OF-WAY MARKER	—	—
STEEL RIGHT-OF-WAY MARKER	—	—
LOCATION SURVEY MARKER	○	○
UTILITIES		
FIBER OPTICS	— FO —	— FO —
OVERHEAD CABLE TV	— OTV —	— OTV —
UNDERGROUND CABLE TV	— UTV —	— UTV —
OVERHEAD TELEPHONE	— OT —	— OT —
UNDERGROUND TELEPHONE	— UT —	— UT —
OVERHEAD POWER	— OE —	— OE —
UNDERGROUND POWER	— UE —	— UE —
SANITARY SEWER	— S —	— S —
STORM SEWER	— SS —	— SS —
GAS	— G —	— G —
WATER	— W —	— W —
MANHOLE	SAN	
FIRE HYDRANT	HYD	
WATER VALVE	WV	
WATER METER	WM	
DROP INLET	SI	
DITCH BLOCK	□	
GROUND MOUNTED SIGN	SIGN	
LIGHT POLE		
H-FRAME POWER POLE	□□	
TELEPHONE PEDESTAL	PED	
FENCE	△	
CHAIN LINK	— V —	
WOVEN WIRE	— X —	
GATE POST	□	
BENCHMARK	BM	

NOTE: DASHED OR OPEN SYMBOLS INDICATE  
EXISTING FEATURES



KEY MAP  
LOCATION OF VARIOUS COUNTIES

THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE. RELIANCE UPON THIS INFORMATION IS DONE AT THE RISK AND PERIL OF THE USER, AND THE COMMISSION SHALL NOT BE LIABLE FOR ANY DAMAGES THAT MAY ARISE FROM ANY ERROR IN THE INFORMATION. IT IS, THEREFORE, THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE, LOCATION AND STATUS OF ANY FACILITY. SUCH VERIFICATION INCLUDES DIRECT CONTACT WITH THE LISTED UTILITIES.

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET -----	1
TRAFFIC CONTROL SHEETS (TC) -----	2-11
SPECIAL SHEETS (SS) -----	12-16

STATE OF MISSOURI  
JACLYN A. WHITE  
NUMBER PE-202300116  
PROFESSIONAL ENGINEER  
Jaclyn A. White  
06/03/2025 9:14:40 AM  
JACLYN A. WHITE - CIVIL  
MO-PE-202300116  
DATE PREPARED  
6/3/2025

ROUTE STATE  
VARIOUS MO  
DISTRICT SHEET NO.  
KC 1  
COUNTY  
VARIOUS  
JOB NO.  
JKU0424  
CONTRACT ID.  
PROJECT NO.  
BRIDGE NO.

DESCRIPTION DATE

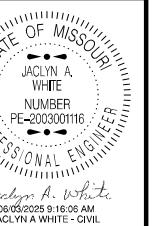
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)



LENGTH OF PROJECT

BEGINNING OF PROJECT	VARIOUS
END OF PROJECT	VARIOUS

FOR INFORMATION ONLY  
ESTIMATED DISTURBED ACRES  
0.00 ACRES



DATE PREPARED  
6/3/2025

ROUTE STATE  
VAR. MO  
DISTRICT SHEET NO.  
KC 2

COUNTY VARIOUS  
JOB NO. JKU0424  
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)



# Sign Spacing, Device Spacing and Channelizing Taper Lengths

TAPER LENGTHS AND SPACING OF CHANNELIZING DEVICES					
SPEED MPH	MINIMUM TAPER LENGTHS (L) FOR LANE WIDTHS (W)		MAXIMUM CHANNELIZER SPACING (FT)		
	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

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

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

## 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

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

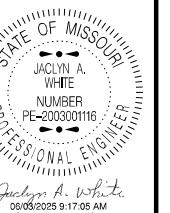
## TRAFFIC CONTROL DEVICES

### 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
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER
- BARRICADE
- CHANGEABLE MESSAGE BOARD
- TRUCK MOUNTED ATTENUATOR  
W/ FLASHING ARROW



Jaclyn A. White  
06/03/2025 9:17:05 AM  
JACLYN A WHITE - CIVIL  
MC-PE-200000116

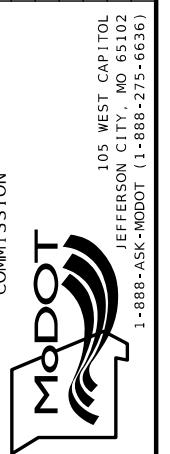
DATE PREPARED  
6/3/2025

ROUTE VAR. STATE  
KC MO  
DISTRICT SHEET NO.  
3

COUNTY VARIOUS  
JOB NO.  
JKU0424  
CONTRACT ID.

PROJECT NO.  
BRIDGE NO.

DESCRIPTION	DATE



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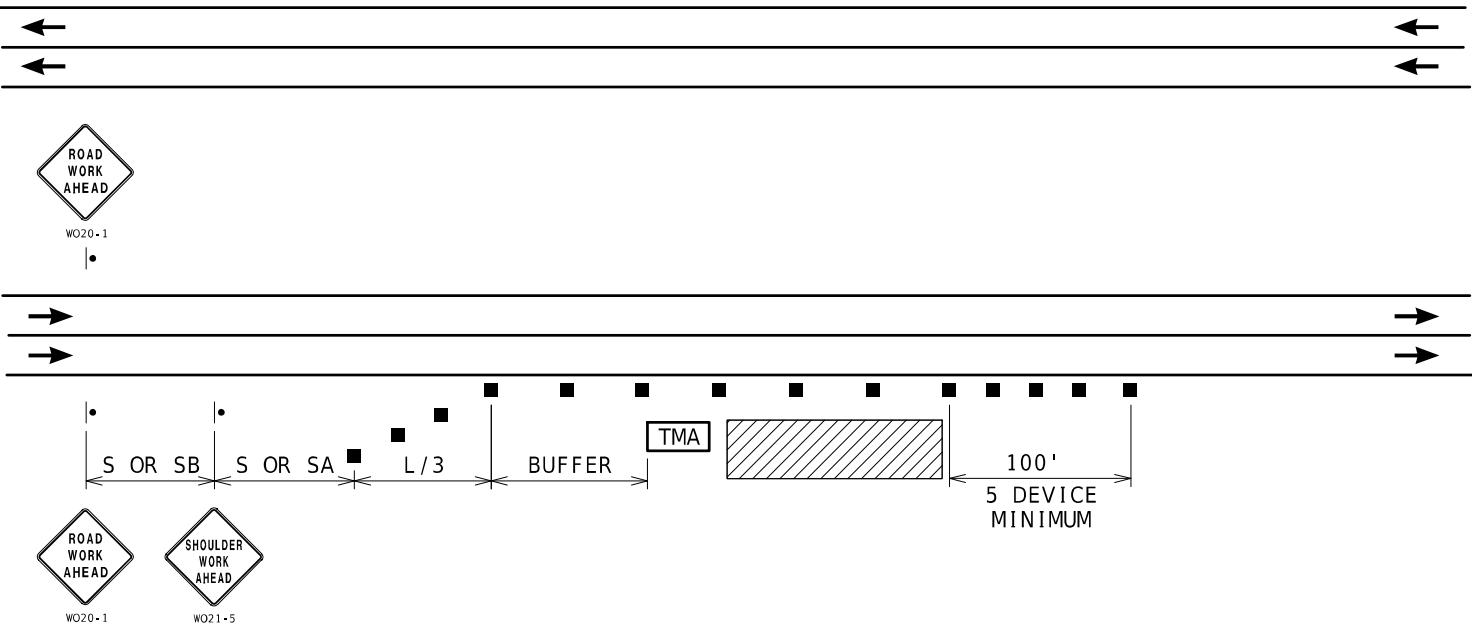
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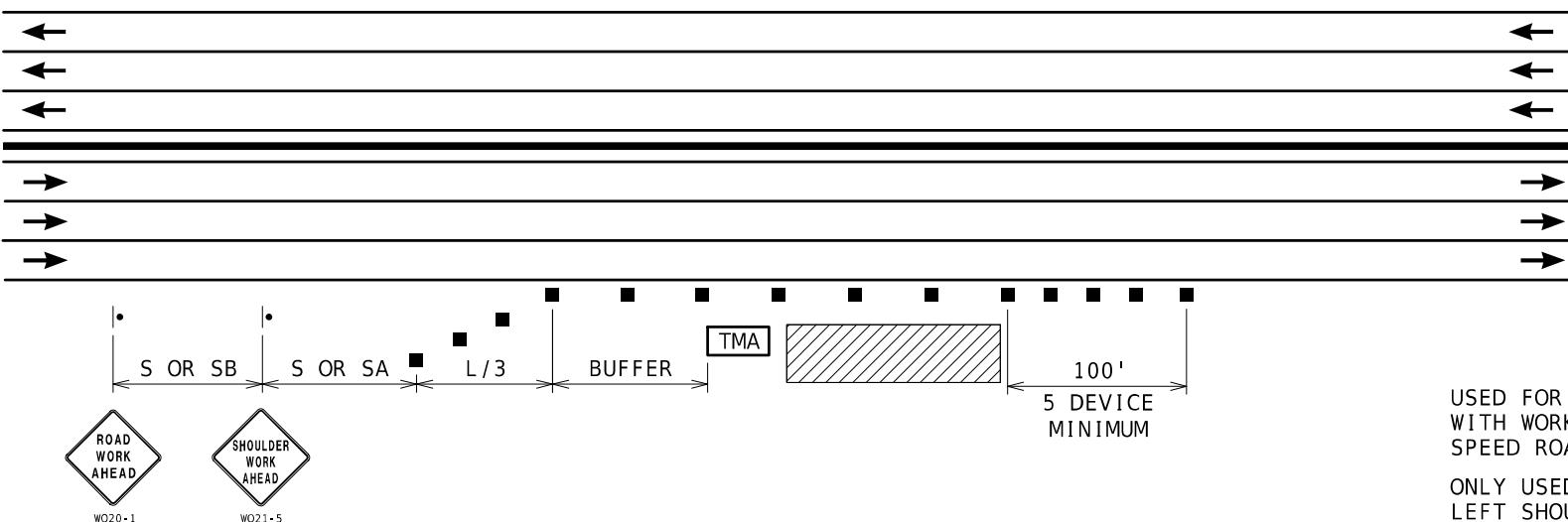


## RIGHT SHOULDER WORK - HIGH SPEED DIVIDED ROADWAYS

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.



## RIGHT SHOULDER WORK MULTI-LANE FREEWAYS WITH MEDIAN BARRIER

NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

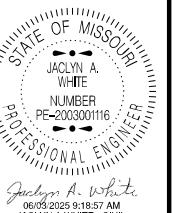
JOB ORDER CONTRACT  
TRAFFIC CONTROL  
SHEET 3 OF 10

 <b>JACLYN A. WHITE</b> 06/03/2025 9:18:07 AM JACLYN A. WHITE - CIVIL MCP-PE-200300116			
		DATE PREPARED	6/3/2025
ROUTE	VAR.	STATE	MO
DISTRICT	KC	SHEET NO.	4
COUNTY	VARIOUS	JOB NO.	JKU0424
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)

**MODOT**



Jaclyn A. White  
06/03/2025 9:18:57 AM  
JACLYN A WHITE - CIVIL  
MO-E-200300116

DATE PREPARED  
6/3/2025

ROUTE VAR.  
STATE MO

DISTRICT KC  
SHEET NO. 5

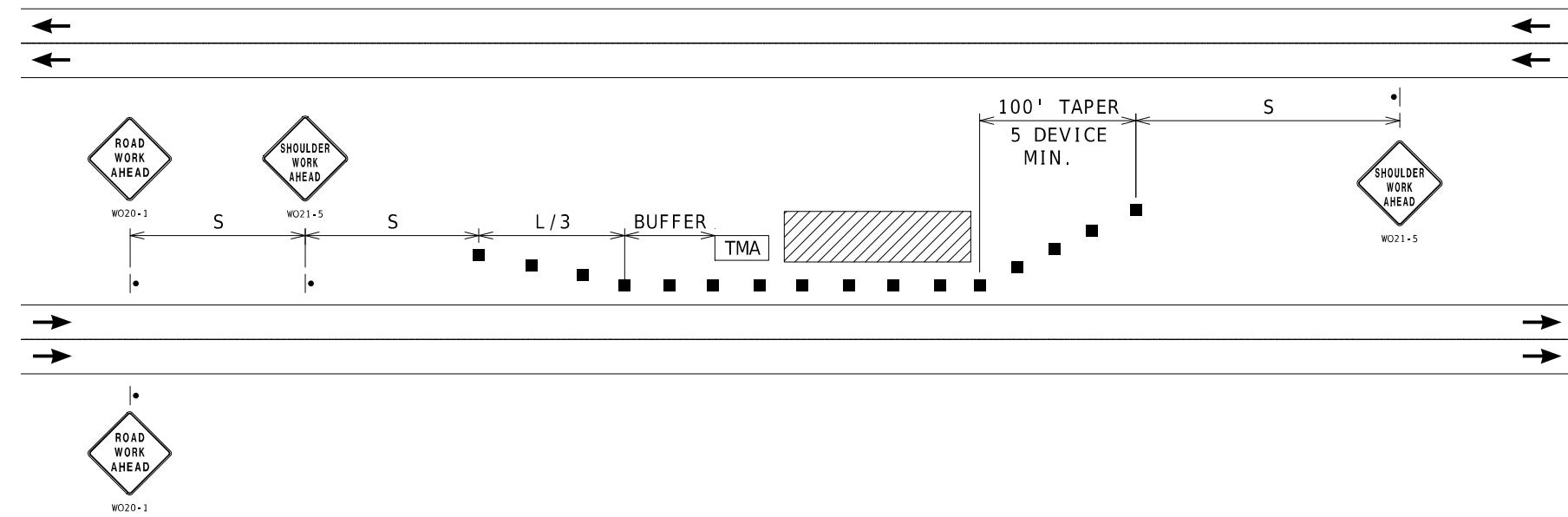
COUNTY VARIOUS

JOB NO. JKU0424

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

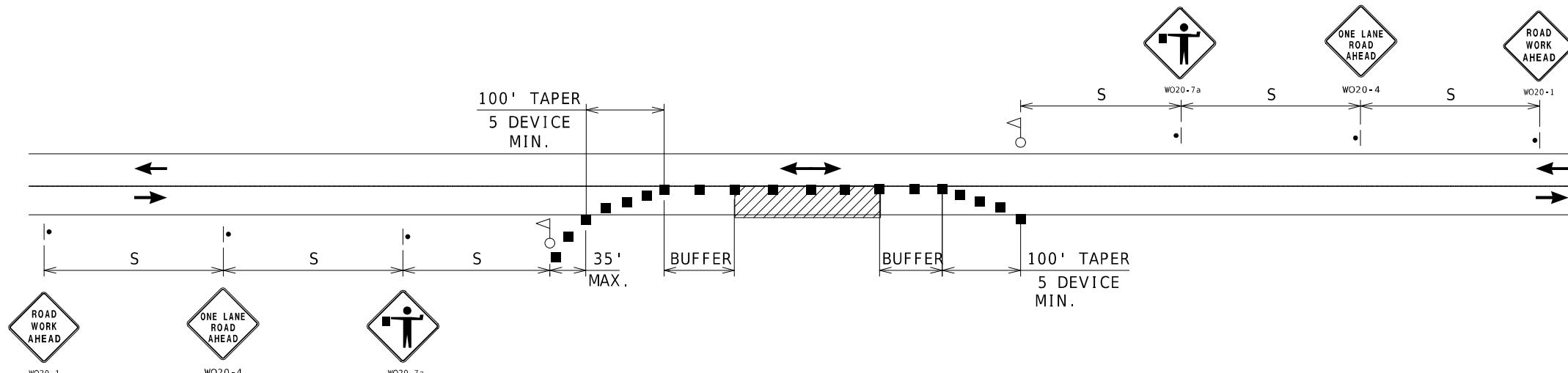


## LEFT SHOULDER WORK - HIGH SPEED DIVIDED ROADWAYS

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.



## ONE-LANE TWO-WAY OPERATION WITH FLAGGERS

NOTES:

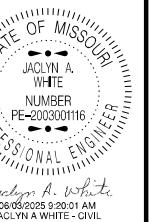
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

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

JOB ORDER CONTRACT  
TRAFFIC CONTROL  
SHEET 4 OF 10



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

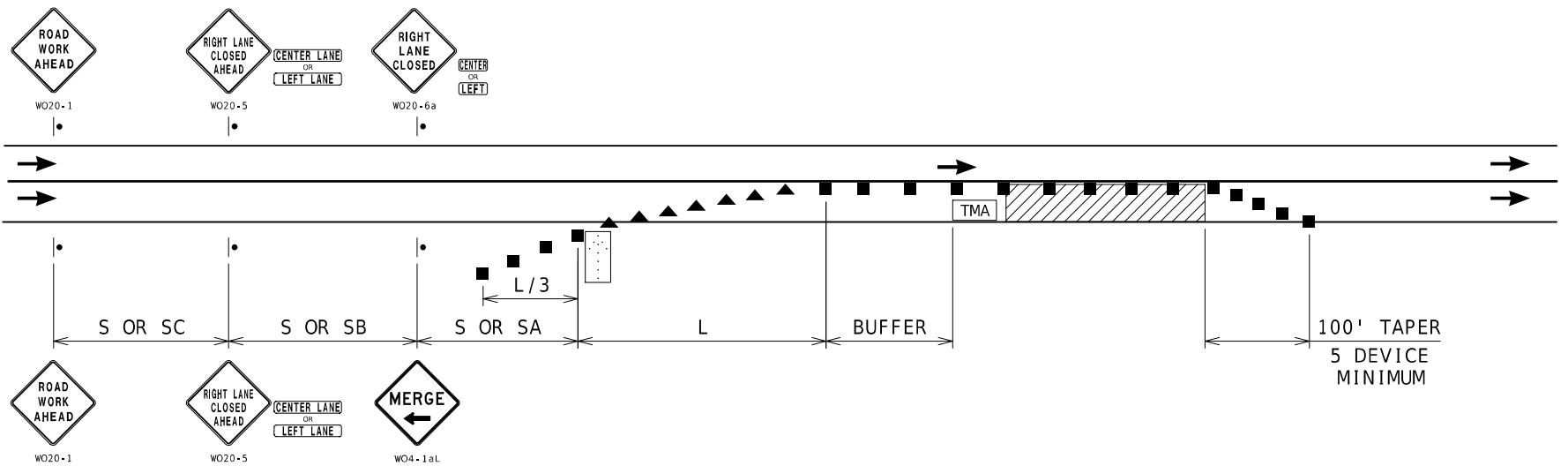


Jaclyn A. White  
06/03/2025 9:20:01 AM  
JACLYN A. WHITE - CIVIL  
MC-PE-0000001116

DATE PREPARED  
6/3/2025

ROUTE VAR. STATE  
KC MO  
DISTRICT SHEET NO.  
6  
COUNTY VARIOUS  
JOB NO. JKU0424  
CONTRACT ID.  
PROJECT NO.  
BRIDGE NO.

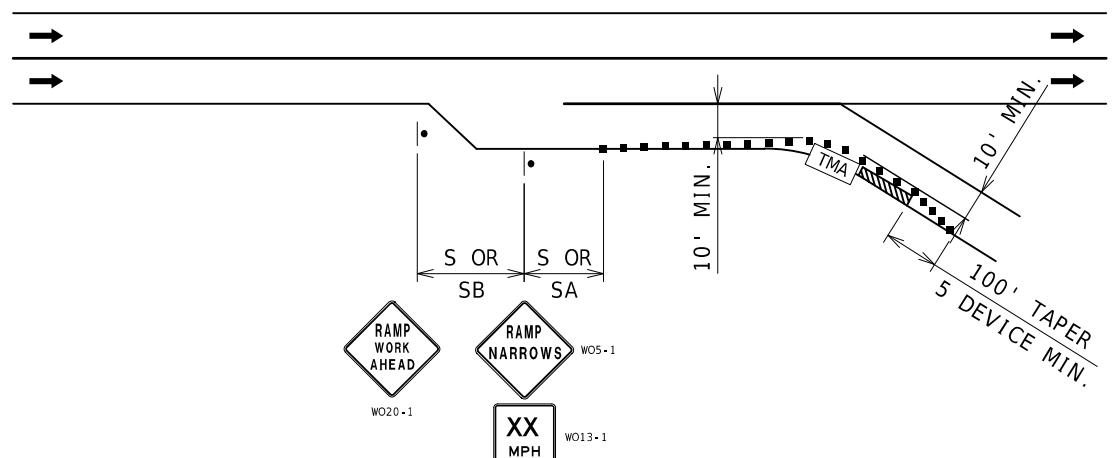
DESCRIPTION	DATE



## SINGLE LANE CLOSURE

NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.



## PARTIAL RAMP CLOSURE

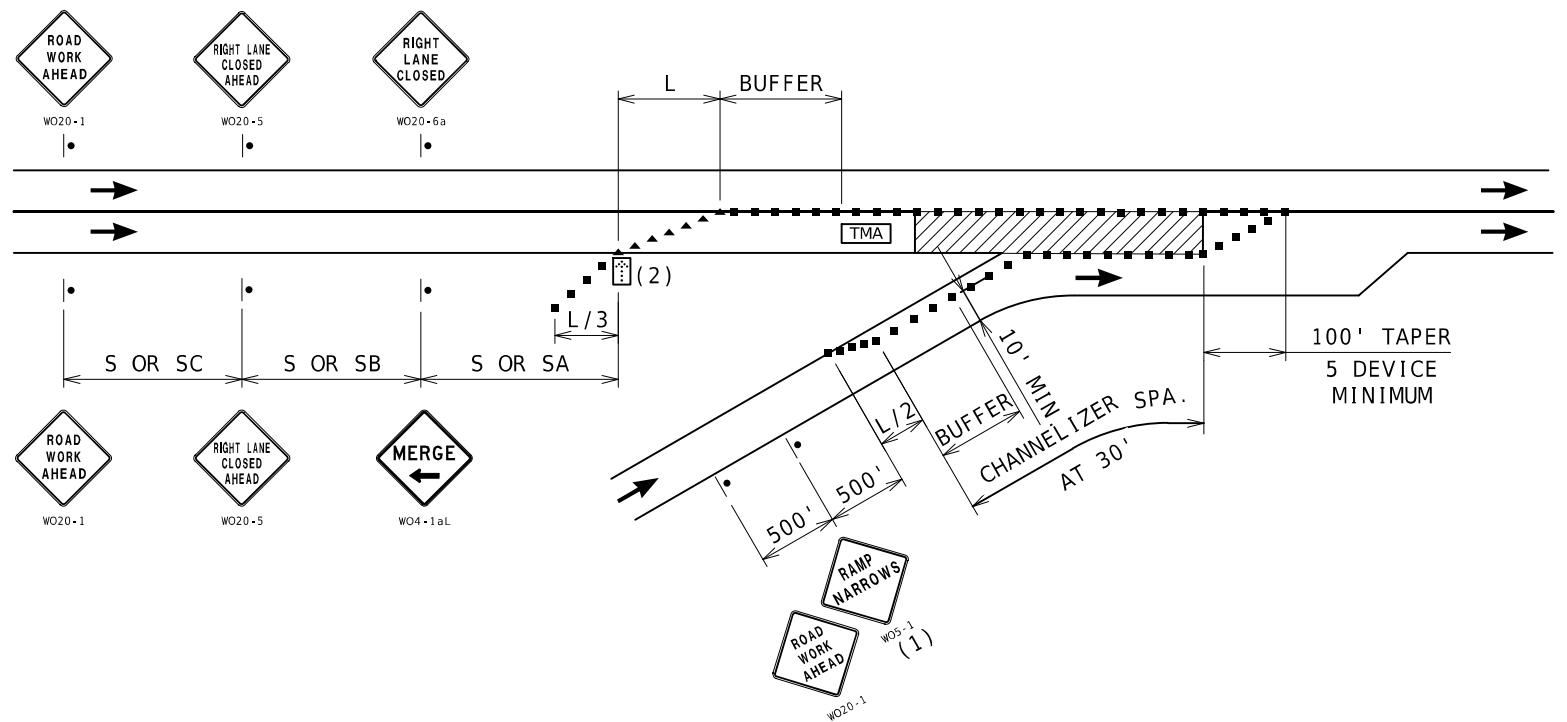
NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

JOB ORDER CONTRACT  
TRAFFIC CONTROL  
SHEET 5 OF 10



MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
105 WEST CAPITOL JEFFERSON CITY, MO 65102  
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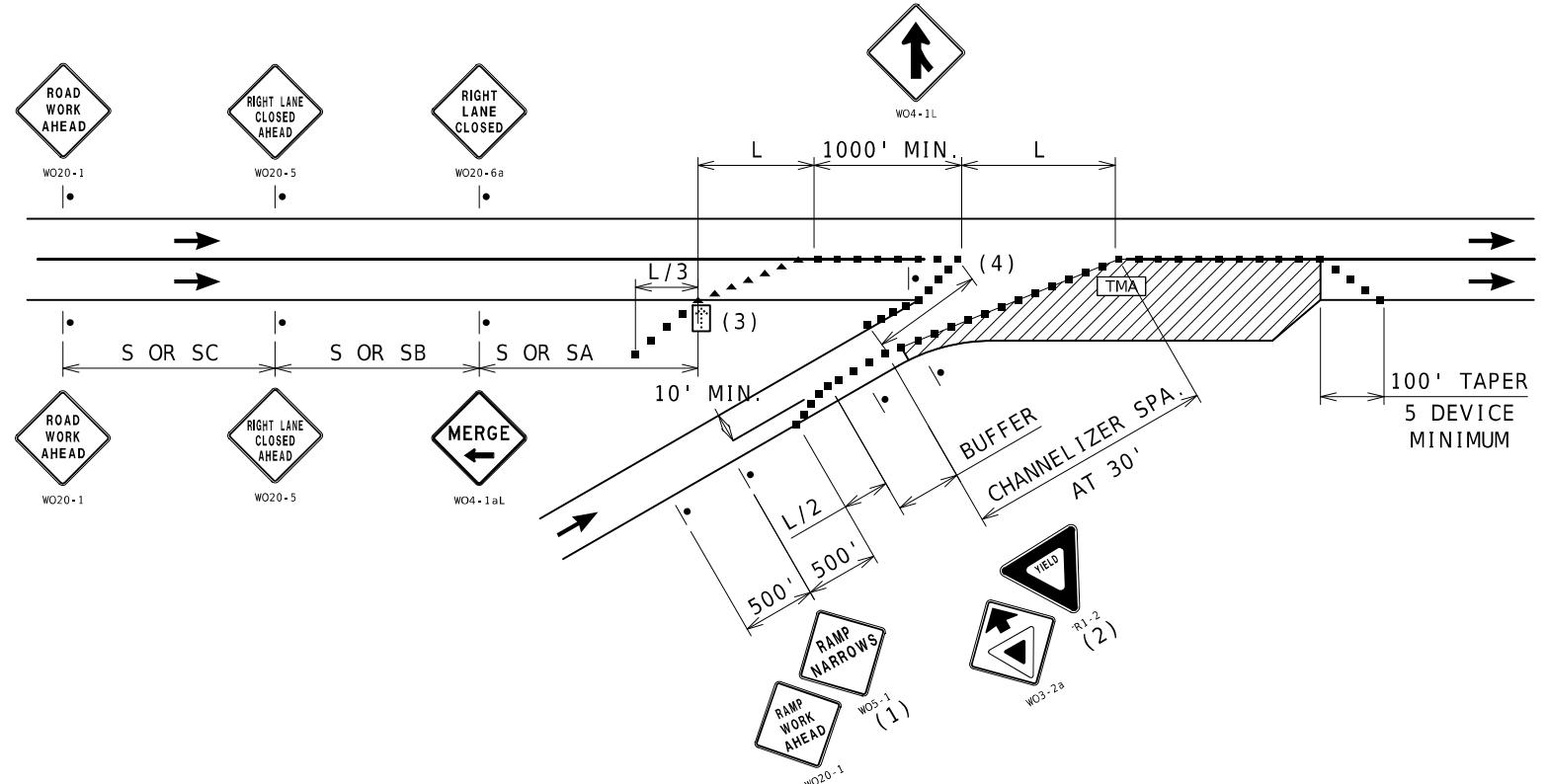


## NOTES :

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

- (1) SIGN ONLY REQUIRED WHEN RAMP WIDTH IS REDUCED.
- (2) THE LOCATION OF THE SIGN SEQUENCE AND MERGE TAPER SHOULD BE ADJUSTED SO THAT THE ARROW PANEL LOCATION IS NOT CONFUSING TO MOTORIST ON THE RAMP.

# ENTRANCE RAMP AREA MAINTENANCE WORK



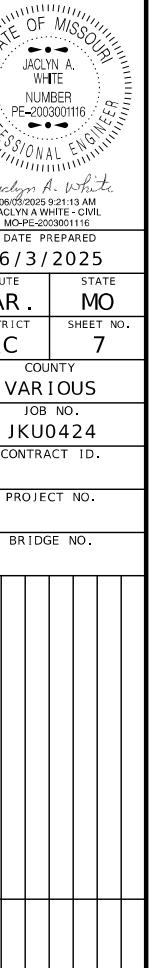
## NOTES :

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

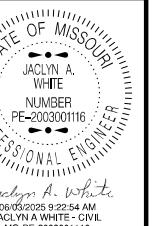
- (1) SIGN ONLY REQUIRED WHEN RAMP WIDTH IS REDUCED.
- (2) SIGN SHOULD BE PLACED ON THE RAMP TO PROVIDE ADEQUATE VISIBILITY OF MAINLINE TRAFFIC.
- (3) THE LOCATION OF THE SIGN SEQUENCE AND MERGE TAPER SHOULD BE ADJUSTED SO THAT THE ARROW PANEL LOCATION IS NOT CONFUSING TO MOTORIST ON THE RAMP.
- (4) CHANNELIZER SPACING AT 30'.

## ENTRANCE RAMP AREA ACCELERATION LANE WORK

JOB ORDER CONTRACT  
TRAFFIC CONTROL  
SHEET 6 OF 10



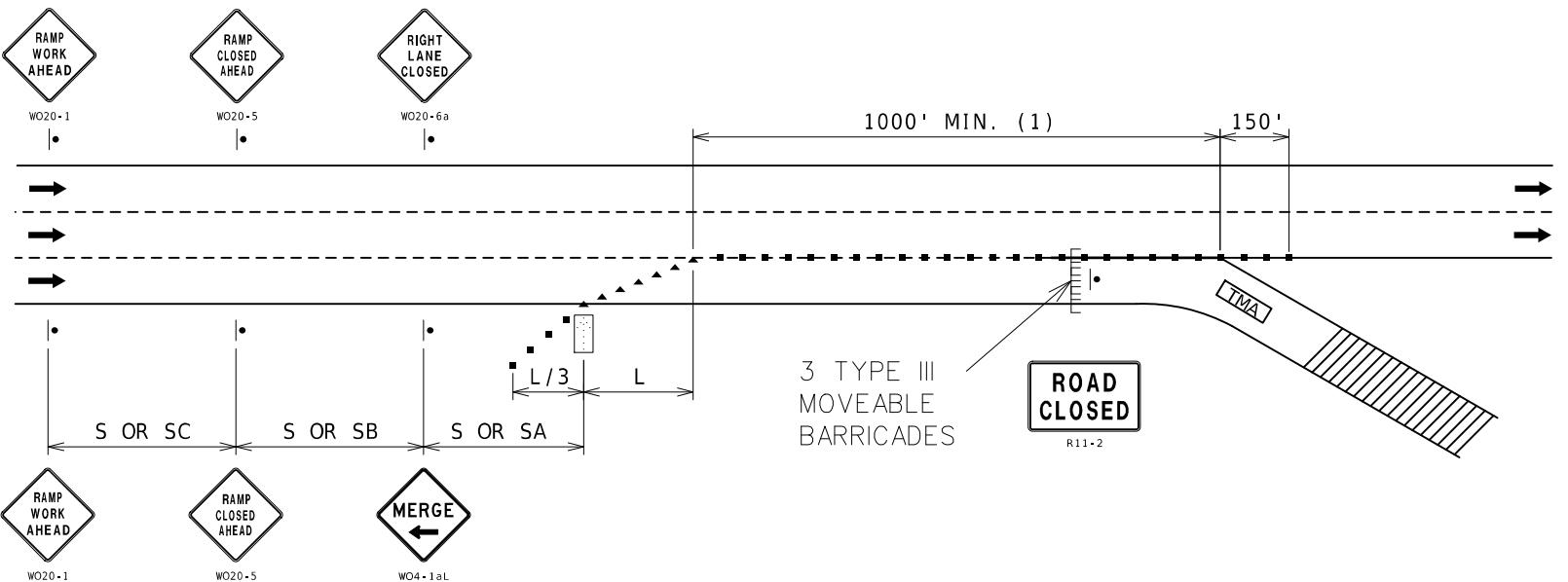




DATE PREPARED  
6/3/2025

ROUTE VAR. STATE MO  
DISTRICT KC SHEET NO. 9  
COUNTY VARIOUS  
JOB NO. JKU0424  
CONTRACT ID.  
PROJECT NO.  
BRIDGE NO.

DESCRIPTION	DATE

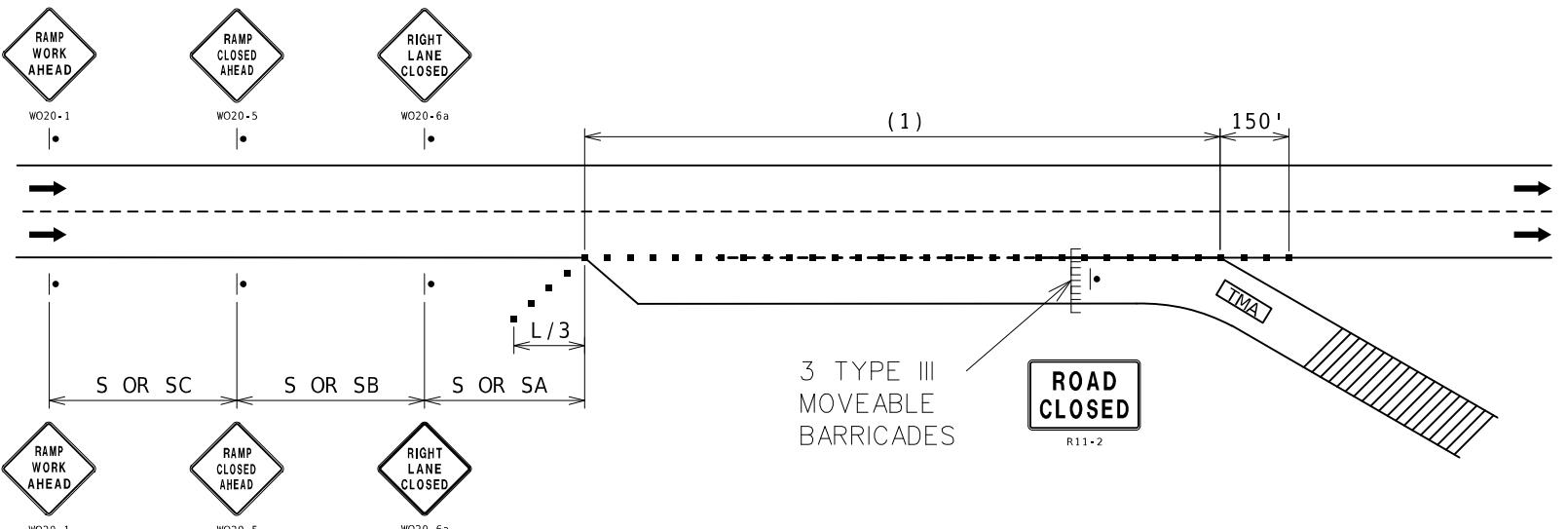


NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

(1) CHANNELIZER SPACING AT 50'.

## RAMP CLOSURE



NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

(1) CHANNELIZER SPACING AT 50'.

## RAMP CLOSURE

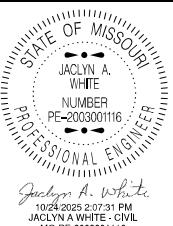
JOB ORDER CONTRACT  
TRAFFIC CONTROL  
SHEET 8 OF 10



SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL BUFFER LENGTH (ft.) (B)	CHANNELIZER SPACING (ft.)	
	Undivided (S)	Divided (S)	Shoulder 1 (T1)	Lane 2 (T2)		Tapers	Buffer/ Work Areas
0-35	200	200	70	-	250	35	50
40-45	350	500	150	-	360	40	100
50-55	500	1000	185	-	495	50	100

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset  
2 Lane taper length based on 12 ft. (standard lane width) offset

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DATE PREPARED  
10/24/2025

ROUTE VAR. STATE MO  
DISTRICT KC SHEET NO. 10  
COUNTY VARIOUS  
JOB NO. JKU0424  
CONTRACT ID.  
PROJECT NO.  
BRIDGE NO.

DESCRIPTION DATE

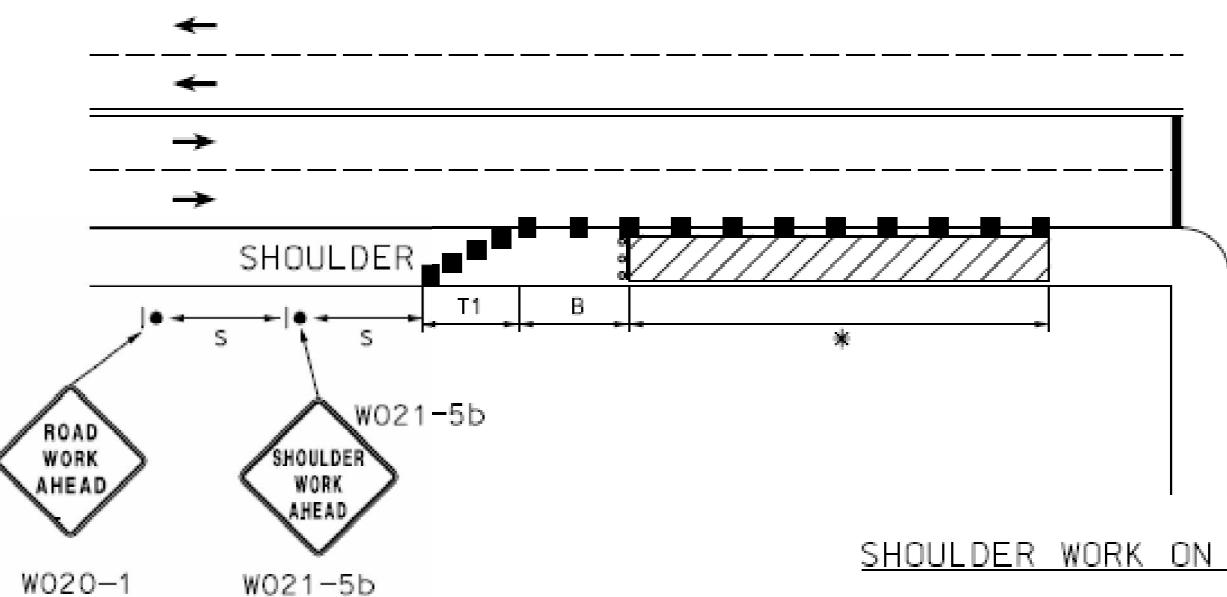
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)



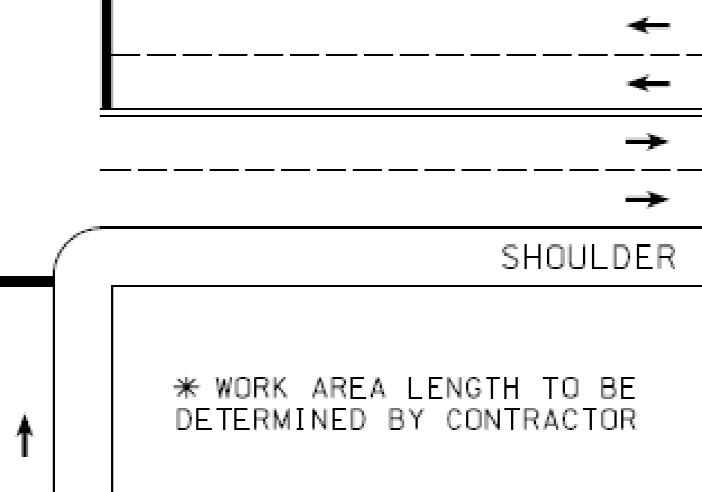
### LEGEND

- ▲ DIRECTIONAL INDICATOR BARRIER
- TRIMLINE CHANNELIZERS (TL)
- FLASHING ARROW PANEL
- CONSTRUCTION SIGN
- ◇ Flag Assembly
- ADVANCED WARNING RAIL SYSTEM

### SHOULDER



### SHOULDER

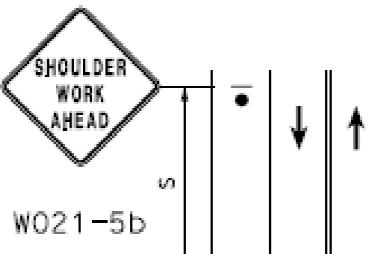


\* WORK AREA LENGTH TO BE DETERMINED BY CONTRACTOR

### SHOULDER WORK ON NEAR SIDE OF INTERSECTION

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL BUFFER LENGTH (ft.) (B)	CHANNELIZER SPACING (ft.)	
	Undivided (S)	Divided (S)	Shoulder 1 (T1)	Lane 2 (T2)		Longi- tudinal Transition (X)	Tapers
0-35	200	200	-	245	250	120	15
40-45	350	500	-	540	360	270	20
50-55	500	1000	-	660	495	330	50

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset  
2 Lane taper length based on 12 ft. (standard lane width) offset



\* WORK AREA LENGTH TO BE DETERMINED BY CONTRACTOR

### SHOULDER

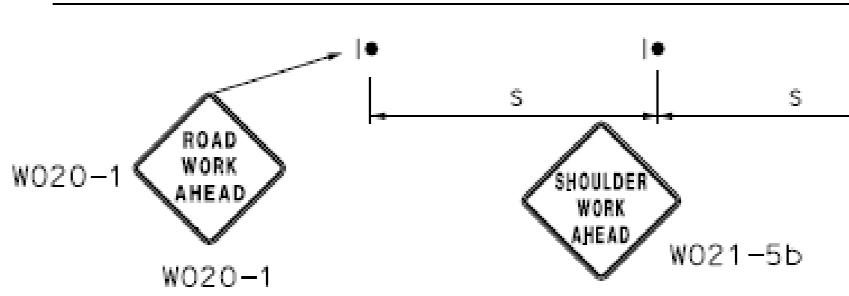
### SHOULDER

DRAWING NOT TO SCALE

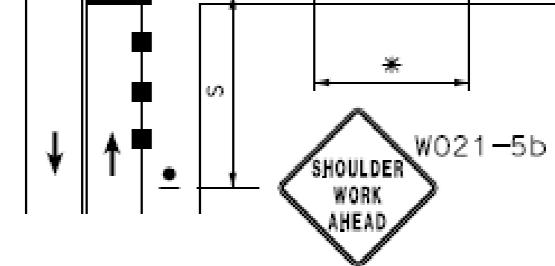
### LEGEND

- ▲ DIRECTIONAL INDICATOR BARRIER
- TRIMLINE CHANNELIZERS (TL)
- FLASHING ARROW PANEL
- CONSTRUCTION SIGN
- ◇ Flag Assembly
- ADVANCED WARNING RAIL SYSTEM

### SHOULDER



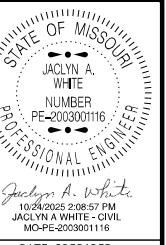
### SHOULDER



JOB ORDER CONTRACT  
TRAFFIC CONTROL  
SHEET 9 OF 10

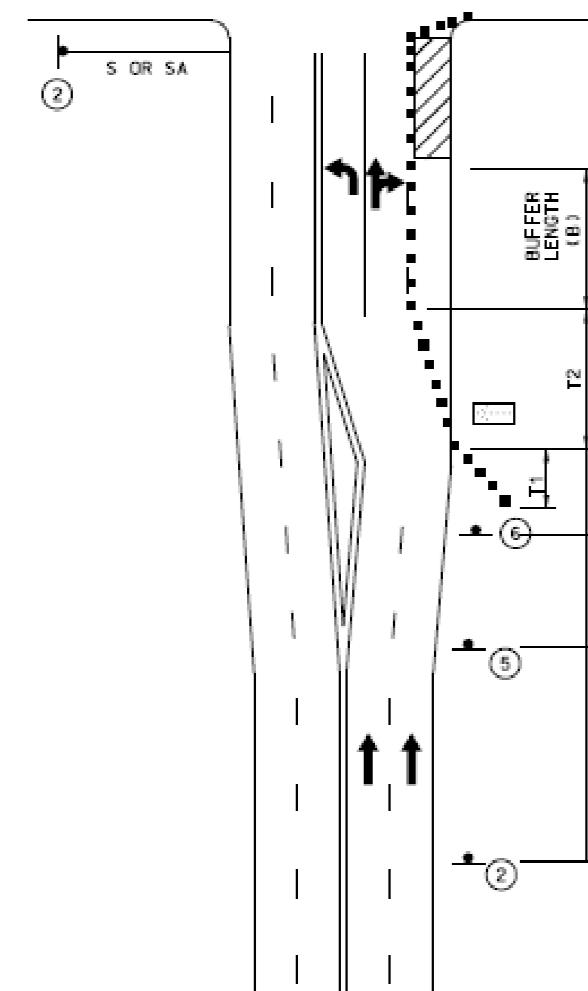
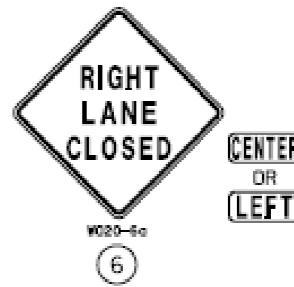
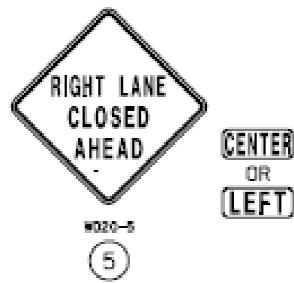
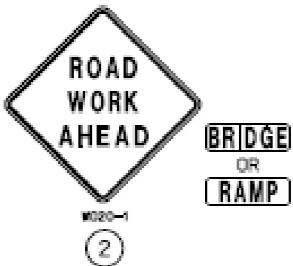
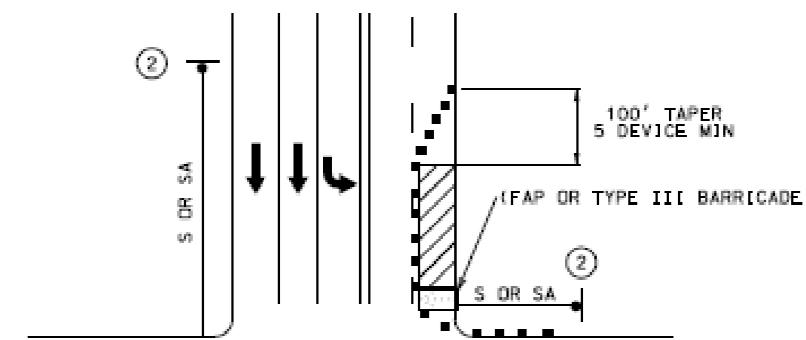
NOTE: SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

### SHOULDER CLOSURE ON FAR SIDE OF INTERSECTION



DATE PREPARED  
10/24/2025  
ROUTE VAR. STATE MO  
DISTRICT KC SHEET NO. 11  
COUNTY VARIOUS  
JOB NO. JKU0424  
CONTRACT ID.  
PROJECT NO.  
BRIDGE NO.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION	MODOT	105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)
DATE	DESCRIPTION	



**DISCLAIMER**  
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER NOTES, DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.  
FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.

FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FEET DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACING ARE ONE-HALF OF THE SPACING.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.  
PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.  
RIGHT LANE CLOSED AHEAD SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.

IF RUMBLE STRIPS ARE USED, REVIEW 616.6.87 RUMBLE STRIPS.  
FOR FLAGS AND ADVANCED WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

#### TRAFFIC CONTROL LEGEND

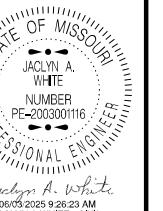
- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL

RIGHT LANE CLOSURE AT INTERSECTION  
WORK ON NEAR OR FAR SIDE

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN-DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (ft.) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	200	70	245	280	35	40
40-45	350	500	150	540	400	40	80
50-55	500	1000	185	660	560	50	80
60-70	1000	SA-1000 SB-1500 SC-2640	235	840	840	60	120

1. Shoulder taper length based on 10 ft. (standard shoulder width) offset.  
2. Lane taper length based on 12 ft. (standard lane width) offset.

JOB ORDER CONTRACT  
TRAFFIC CONTROL  
SHEET 10 OF 10



Jaclyn A. White  
06/03/2025 9:26:23 AM  
JACLYN A WHITE - CIVIL  
MO-PE-000000116

DATE PREPARED  
6/3/2025

ROUTE VAR. STATE MO  
DISTRICT KC SHEET NO. 12  
COUNTY VARIOUS

JOB NO. JKU0424  
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION DATE

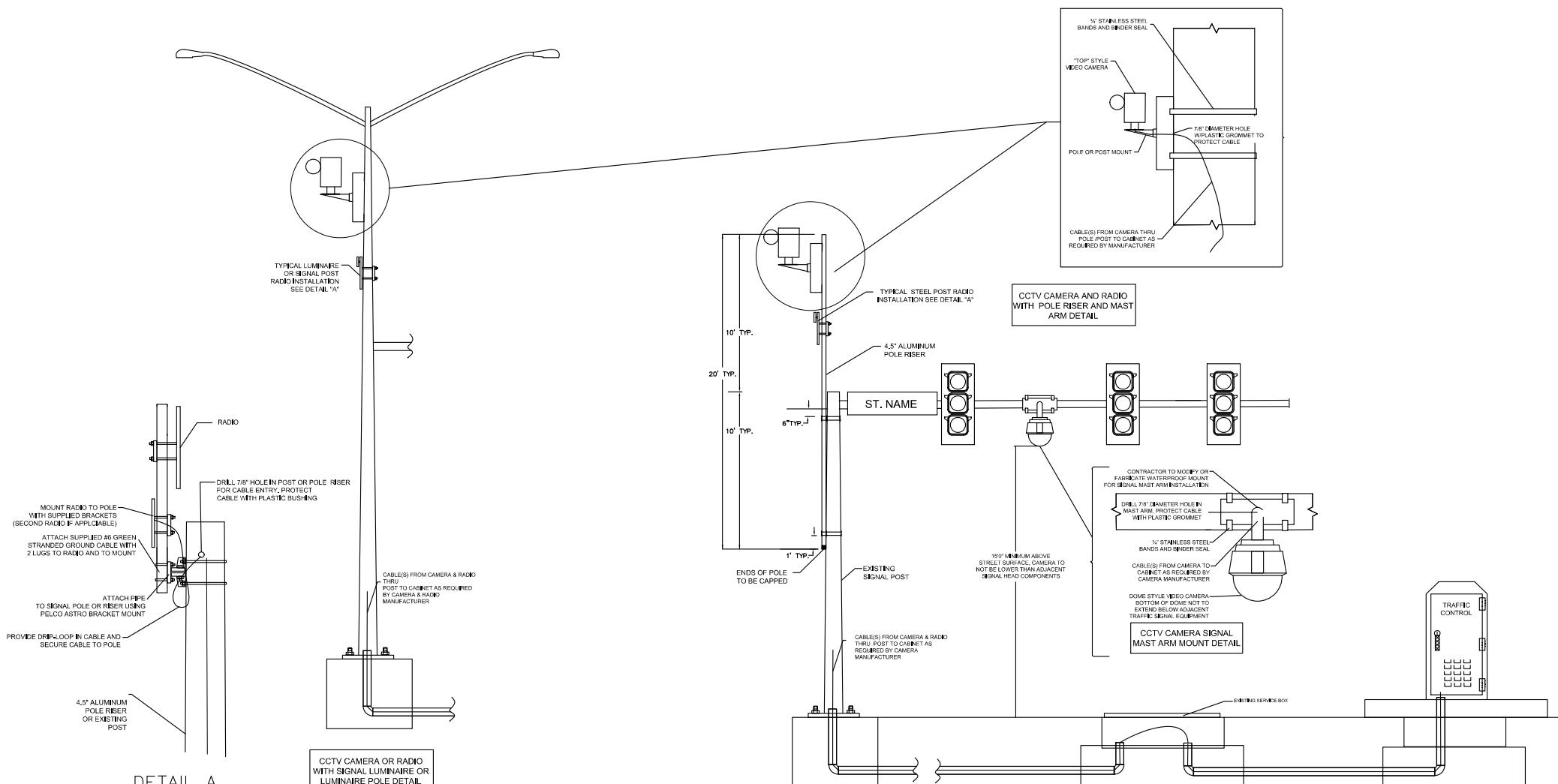
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL JEFFERSON CITY, MO 65102

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

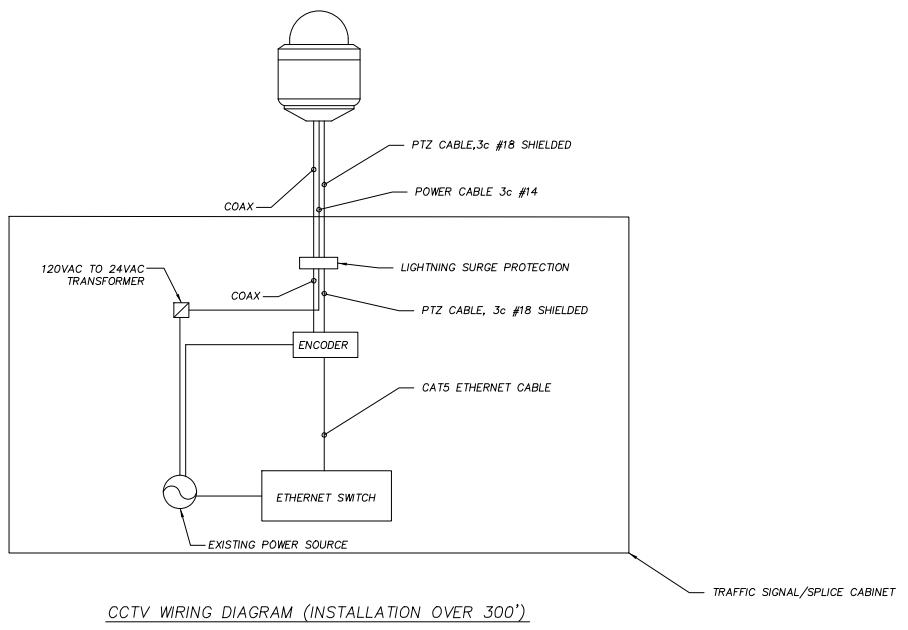
MODOT

NOTE:  
CONTRACTOR TO FOLLOW MODOT STANDARD DETAILS AND SPECIFICATIONS  
FOR STANDARD MATERIALS, SIZE, BRACKETS, ETC.

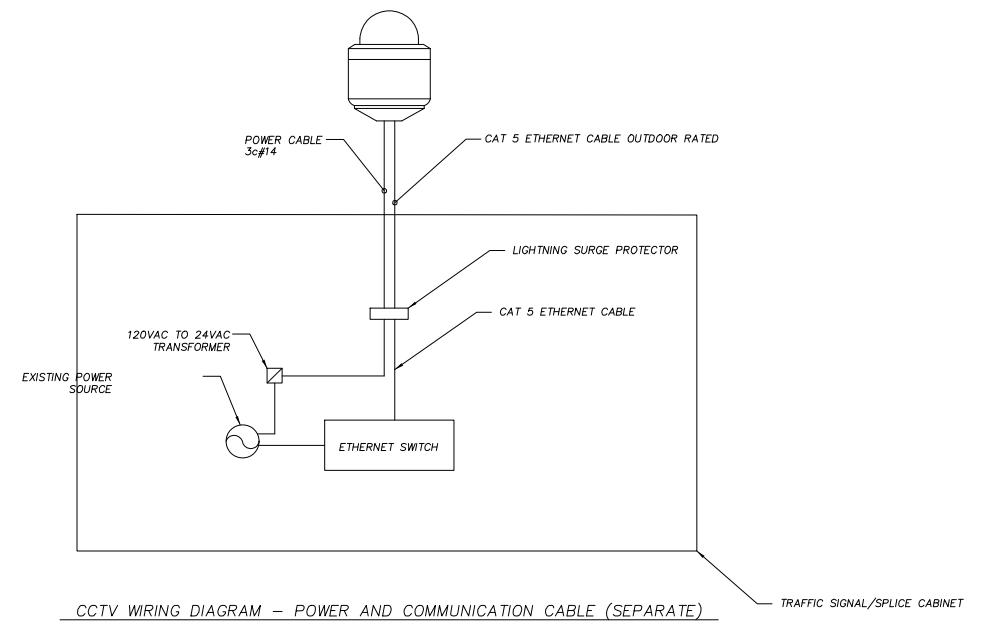


CAMERA AND RADIO  
INSTALLATION DETAIL

SPECIAL SHEET  
SHEET 1 OF 5



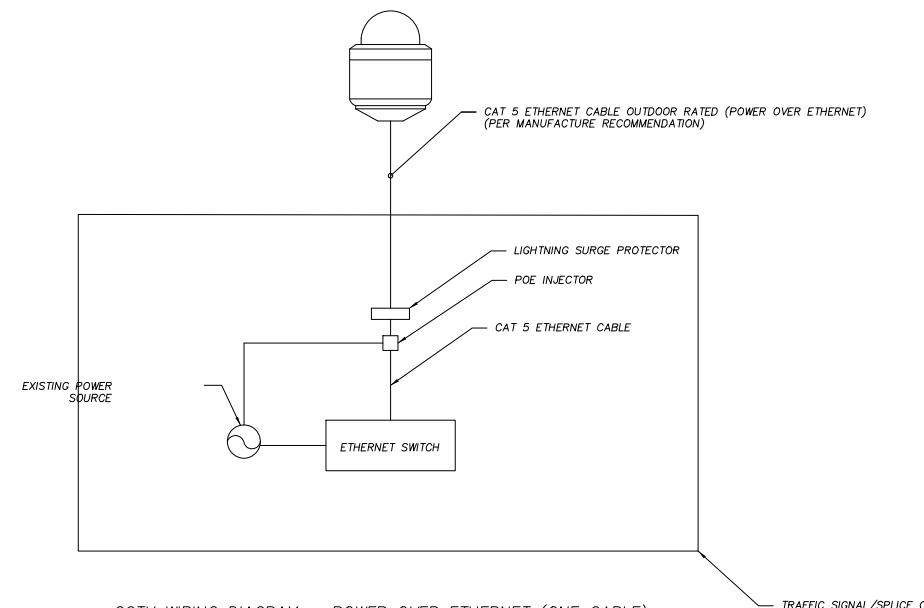
## CCTV WIRING DIAGRAM (INSTALLATION OVER 300')



CCTV WIRING DIAGRAM – POWER AND COMMUNICATION CABLE (SEPARATE) TRAFFIC SIGNAL/SPICE CABINET

**GENERAL NOTES:**

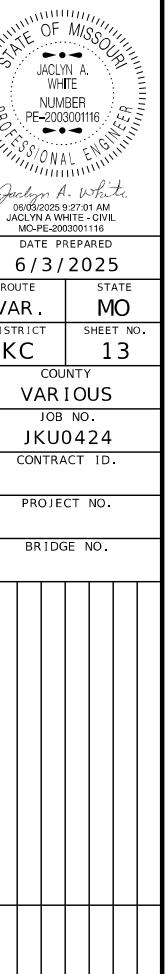
1. FOR CAMERA INSTALLATIONS AT WHICH THE CAMERA IS LESS THAN (<) 300 FEET FROM THE CABINET, REFERENCE "ONE CABLE" OR "SEPERATE" CABLE INSTALLATION DETAIL. FIELD INSTALL A CAT 5 ETHERNET CABLE WHICH SHALL NOT BE GREATER THAN 300 FEET IN LENGTH.
2. FOR CAMERA INSTALLATIONS AT WHICH THE CAMERA IS GREATER THAN (>) 300 FEET FROM THE CABINET, REFERENCE THE "INSTALLATION OVER 300" DETAIL.
3. COMPOSITE CABLE MY BE INSTALLED IN LIEU OF SEPARATE CABLES AS APPROVED BY THE ENGINEER.

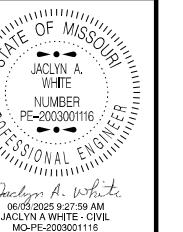


CCTV WIRING DIAGRAM - POWER OVER ETHERNET (ONE CABLE) TRAFFIC SIGNAL/SPICE CABINET

## CAMERA WIRING DETAIL

SPECIAL SHEET  
SHEET 2 OF 5



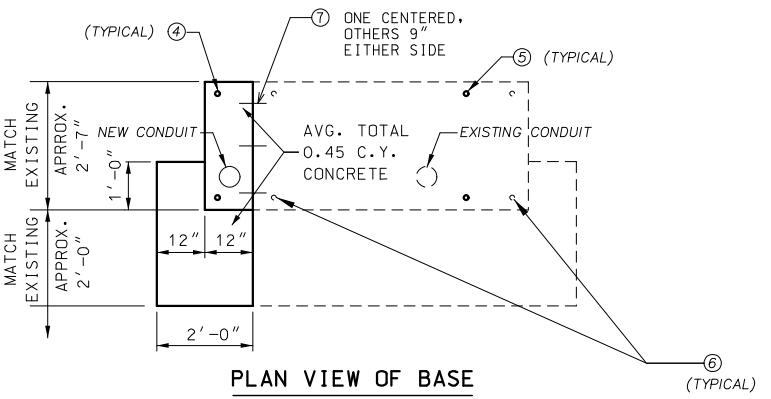


Jaclyn A. White  
06/03/2025 9:27:59 AM  
JACLYN A WHITE - CIVIL  
MO-PE-200300116

DATE PREPARED  
6/3/2025

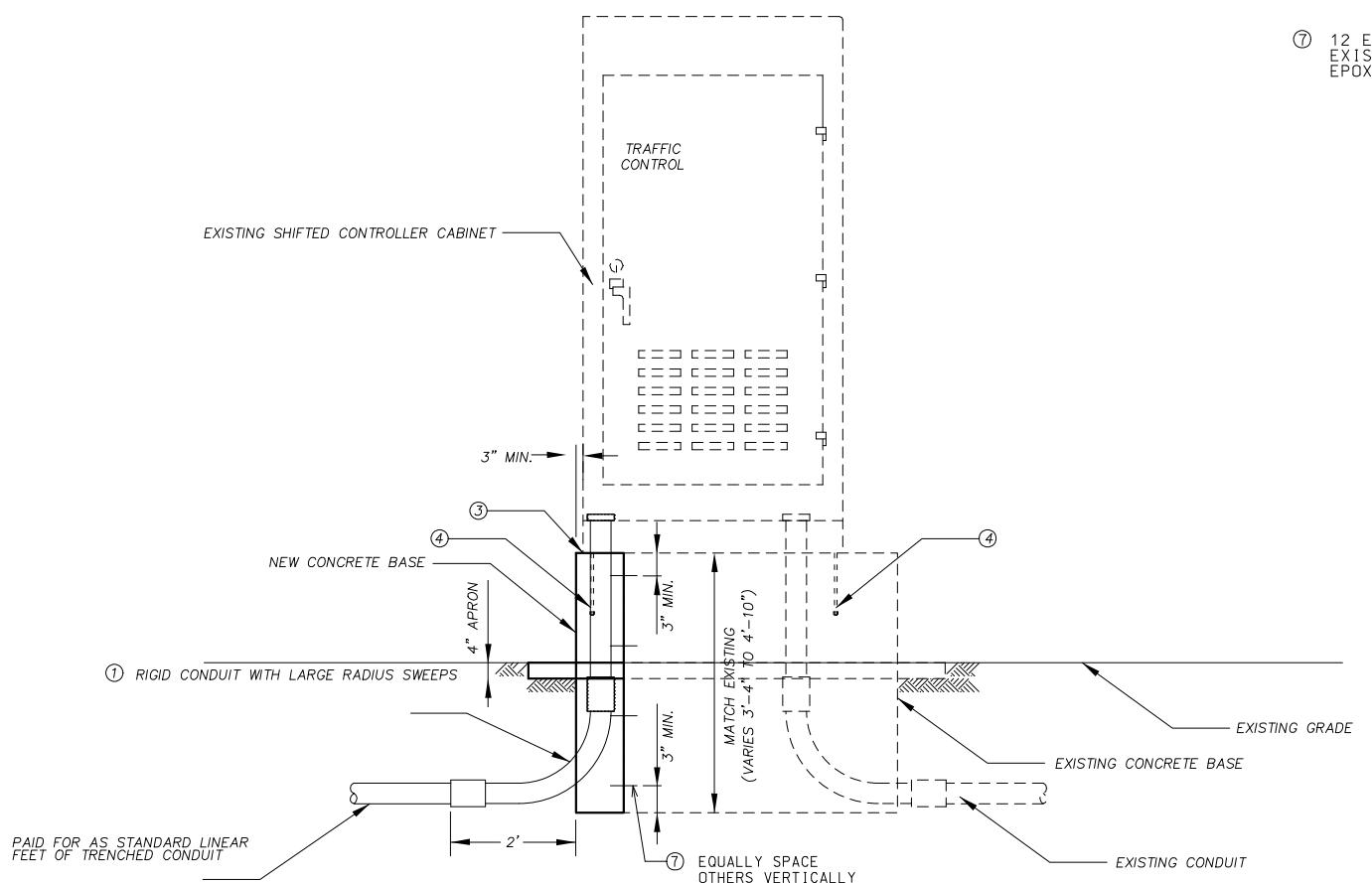
ROUTE VAR. STATE MO  
DISTRICT KC SHEET NO. 14  
COUNTY VARIOUS  
JOB NO. JKU0424  
CONTRACT ID.  
PROJECT NO.  
BRIDGE NO.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
MODOT 105 WEST CAPITOL JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)



NOTES:

- ① INTERNAL RIGID CONDUIT ENTRY SHALL BE PAID PER EACH LOCATION UNDER "CABINET SHIFT".
- ② SEE JOB SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
- ③ LIFETIME SILICONE CAULK BETWEEN CABINET AND BASE.
- ④ NEW STAINLESS STEEL ANCHOR BOLTS IN NEW CONCRETE (USE BOLT HEAD OR TACK WELDED NUT ON EMBEDDED END AND SIZE AS EXISTING).
- ⑤ NEW STAINLESS STEEL ANCHOR BOLTS IN EXISTING CONCRETE SHALL BE EITHER EPOXY BOLTS, WEDGE BOLTS OR CONCRETE DROP-IN ANCHORS. ALL BOLTS SHALL BE INSTALLED ACCORDING TO MANUFACTURERS INSTRUCTIONS.
- ⑥ EXISTING ANCHOR BOLTS SHALL BE CUT AND/OR GROUND FLUSH WITH THE EXISTING CONCRETE SURFACE.
- ⑦ 12 EACH, 8" LONG # 5 TIE BARS BETWEEN NEW AND EXISTING CABINET BASE WITH 3#4"Ø DRILL HOLES. EPOXY HOLES TO FILL Voids AROUND TIE BARS.



FRONT VIEW OF CABINET AND BASE

SIGNAL CONTROLLER CABINET  
INTERNAL RIGID CONDUIT ENTRY  
(CABINET SHIFT)

SPECIAL DETAIL SHEET 3 OF 5



