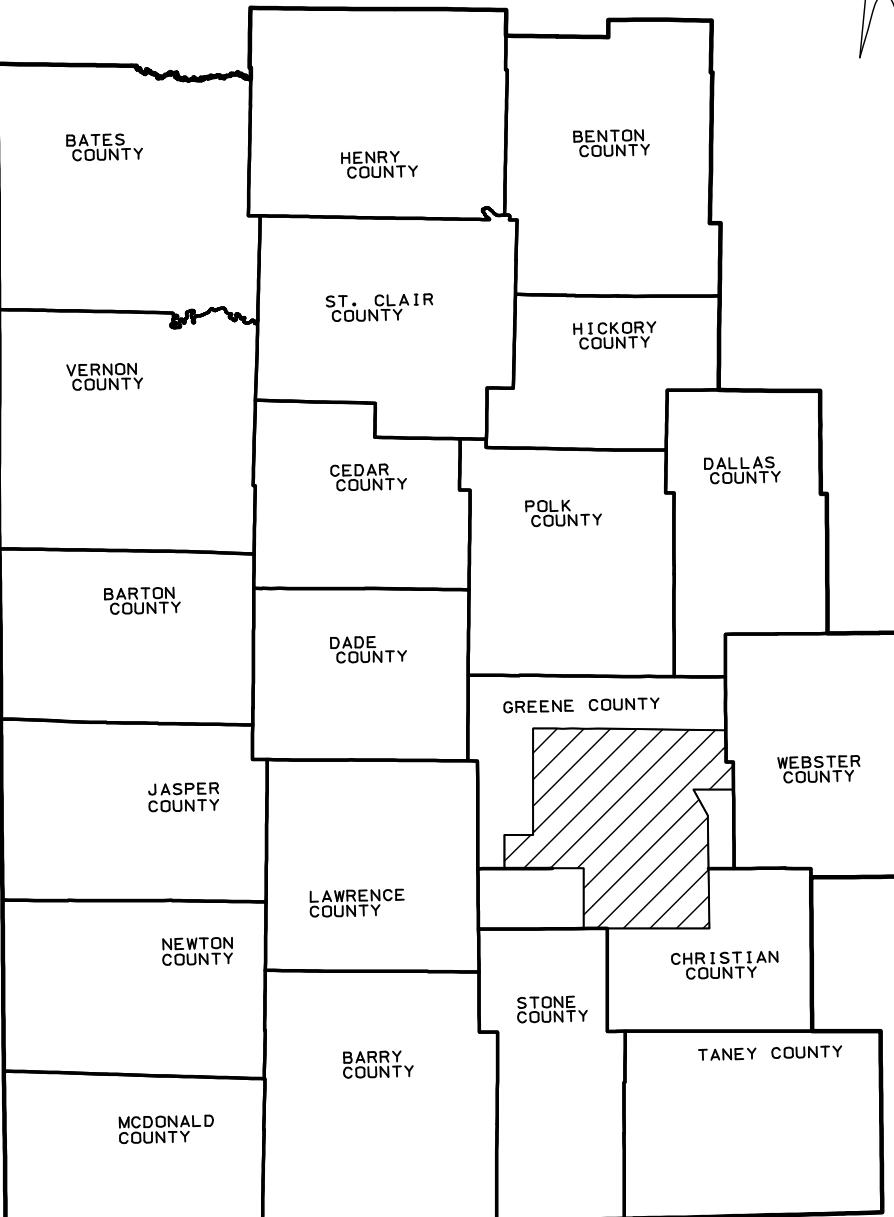


MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED
STATE HIGHWAY

VARIOUS COUNTIES



JOB ORDER CONTRACTING
CONCRETE REPAIR
OUTSIDE OF THE OZARKS
TRANSPORTATION ORGANIZATION BOUNDARY
Barry, Barton, Bates, Benton, Cedar,
Christian, Dade, Dallas, Greene, Henry,
Hickory, Jasper, Lawrence, McDonald,
Newton, Polk, St. Clair, Stone, Taney,
Vernon, and Webster

INDEX OF SHEETS

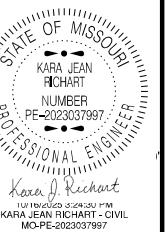
DESCRIPTION	SHEET NUMBER
TITLE SHEET -----	1
TRAFFIC CONTROL SHEETS (TC)-----	2-10

STATE OF MISSOURI	
KARA JEAN RICHART	
NUMBER PE-2023037997	
PROFESSIONAL ENGINEER	
Kara J. Richart	
TURBULENCE 3-2023-1-M	
KARA JEAN RICHART - CIVIL	
MO-PE-002037997	
DATE PREPARED	
9/8/2025	
ROUTE VAR	STATE MO
DISTRICT SW	SHEET NO. 1
COUNTY VARIOUS	
JOB NO. JSR0194	
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)



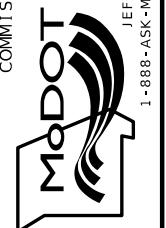
NOT TO SCALE



ROUTE VAR
STATE MO
DISTRICT SW SHEET NO. 3
COUNTY VARIOUS
JOB NO. JSR0194
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

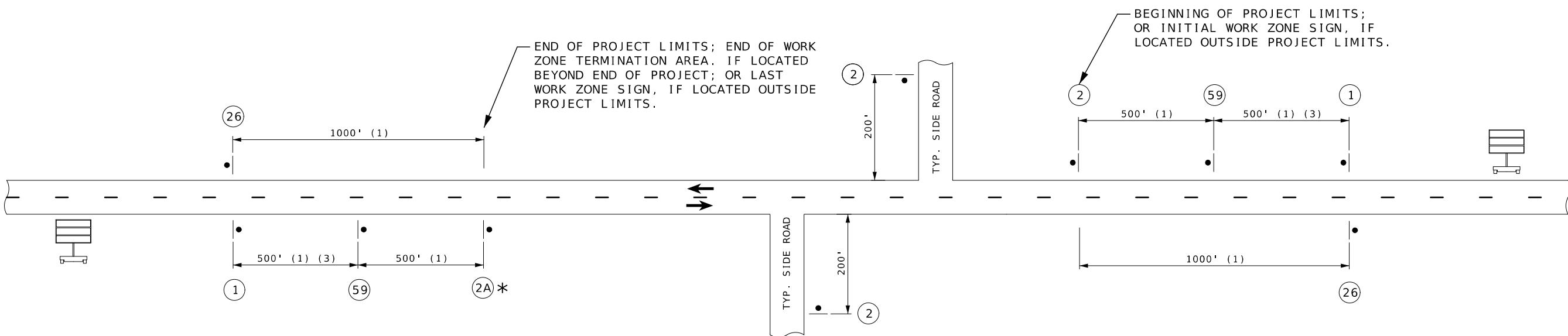
DESCRIPTION	DATE

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



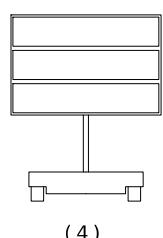
GENERAL NOTES:

1. ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
2. TEMPORARY SIGNING SHOWN IS FOR WORK ON ONE SIDE OF THE ROAD. FOR WORK ON THE OTHER SIDE, REVERSE ORDER OF THE SIGNS AND CHANNELIZERS.
3. SIGNING SHOWN SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE.
4. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL OF THE ENGINEER.
5. REFER TO STANDARD DRAWING 616.10, 619.10, AND 620.10 FOR ADDITIONAL DETAILS AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.
6. SPEED LIMIT SIGNS INDICATING THE NORMAL SPEED LIMIT SHALL BE INSTALLED AT THE END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.
7. TEMPORARY SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED WHEN THE CONDITIONS REQUIRING REDUCED SPEEDS DO NOT EXIST.
8. NO DIRECT PAYMENT WILL BE MADE FOR THE RELOCATION OF CHANNELIZERS, CONSTRUCTION SIGNS, OR FLASHING ARROW PANEL.
9. ALL SIGNS SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING PROPER TRAFFIC CONTROL SETUPS THROUGHOUT CONSTRUCTION AS DESCRIBED IN THESE PLANS OR AS APPROVED BY THE ENGINEER.
11. WHERE MINIMUM LANE WIDTHS CANNOT BE ACHIEVED ON THE SIDE STREETS, THE CONTRACTOR SHALL CLOSE HALF OF THE APPROACH AND POSITION A FLAGGER AT EACH END OF THE WORK AREA. LOCATION TO BE DETERMINED BY THE ENGINEER. ADVANCE FLAGGER SIGNING SHALL BE INSTALLED AS OUTLINED IN THE MUTCD.
12. THE CONTRACTOR SHALL MAINTAIN PUBLIC ACCESS TO ALL BUSINESSES AND STREETS. NO STREET OR ENTRANCE SHALL BE COMPLETELY BLOCKED.
13. SPACING & DISTANCES OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD & APPROVED BY THE ENGINEER.
14. TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
15. ADJUST ADVANCE WARNING SIGN SPACING TO AVOID SIGN PLACEMENT WITHIN THE LIMITS OF THE RAILROAD RIGHT OF WAY.

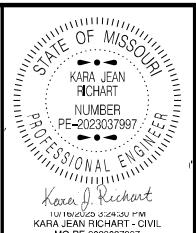


TYPICAL BEGINNING AND END OF PROJECT
(UNDIVIDED HIGHWAY)

- (1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.
- (2) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.
- (3) CMS PLACEMENT SHALL BE APPROVED BY THE ENGINEER.



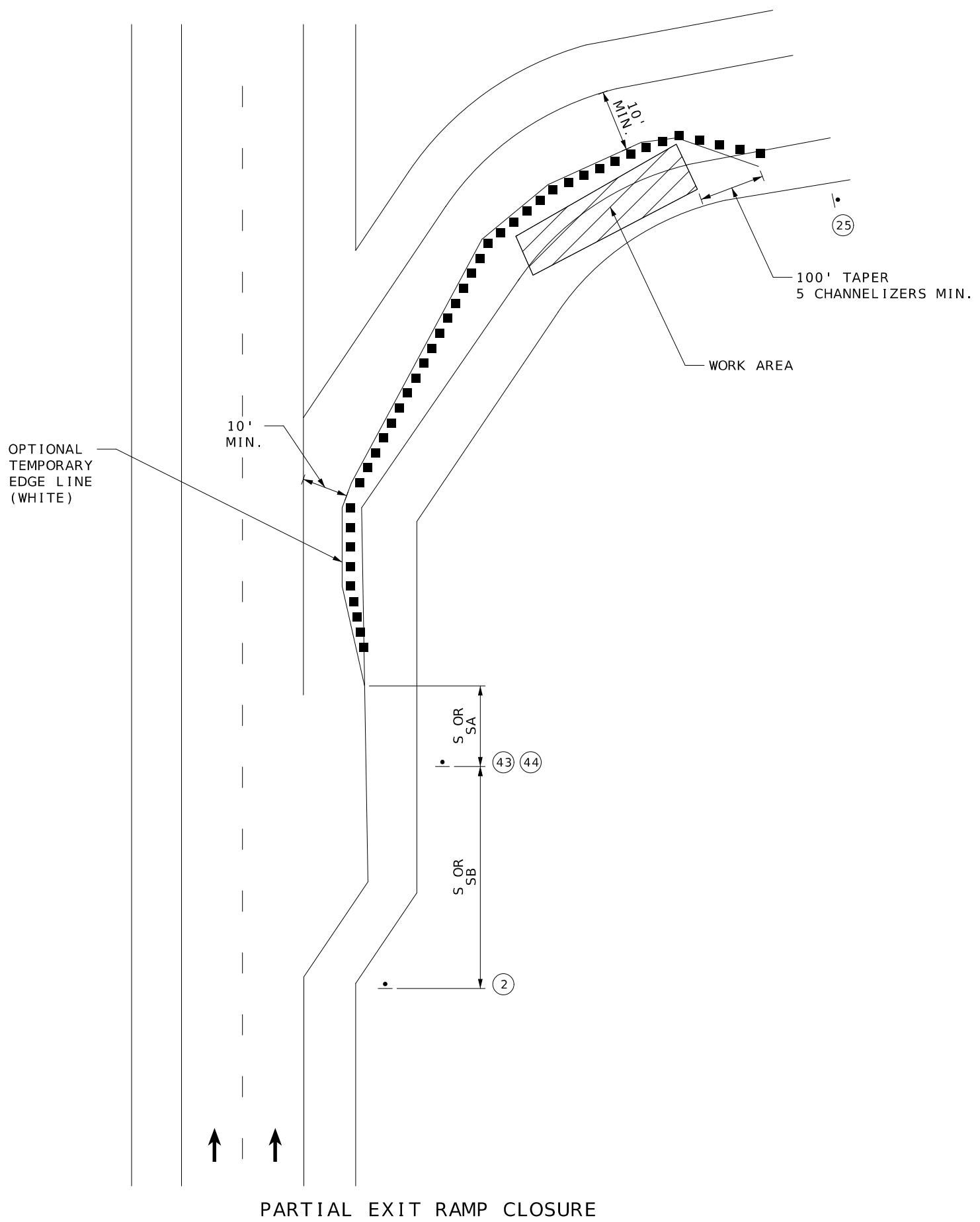
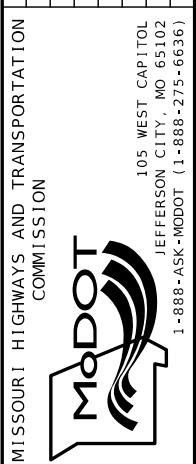
NOT TO SCALE

DATE PREPARED
9/8/2025ROUTE VAR
STATE MO
DISTRICT SW
SHEET NO. 4
COUNTY VARIOUSJOB NO. JSR0194
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

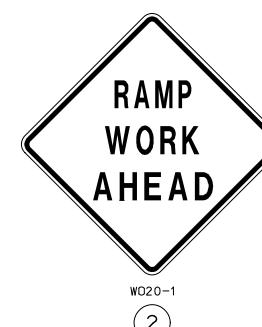
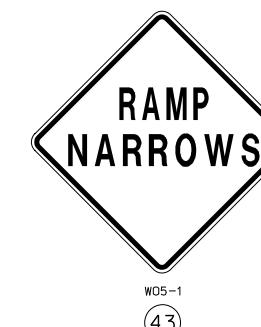


SPEED	SIGN SPACING (FT)	TAPER LENGTH (FT)		OPTIONAL BUFFER LENGTH (FT) (B)	CHANNELIZER SPACING (FT)	
		PERMANENT POSTED (MPH)	DIVIDED HIGHWAYS (S)	SHOULDER(1) (T1)	LANE(2) (T2)	TAPERS
0-35	200	200	SA - 1000	70	245	35
40-45	500	500	SB - 1500	150	540	40
50-55	1000	1000	SC - 2640	185	660	50
60-70	SA - 1000 SB - 1500 SC - 2640	235	840	730	60	120

NOTES:

(1) SHOULDER TAPER LENGTH BASED ON 10 FT. (STANDARD SHOULDER WIDTH) OFFSET.
(2) LANE TAPER LENGTH BASED ON 12 FT. (STANDARD LANE WIDTH) OFFSET.

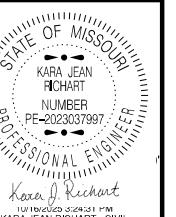
TEMPORARY PAVEMENT MARKING OPTIONAL FOR SHORT TERM OPERATIONS.

W020-1
(2)W05-1
(43)W013-1
(44)R2-1
(25)

(NORMAL SPEED)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 3 OF 9

DATE PREPARED
9/8/2025ROUTE VAR
STATE MO
DISTRICT SW SHEET NO. 5
COUNTY VARIOUSJOB NO. JSR0194
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)

SPEED	SIGN SPACING (FT)	TAPER LENGTH (FT)		OPTIONAL	CHANNELIZER SPACING (FT)			
		PERMANENT POSTED (MPH)	DIVIDED HIGHWAYS (S)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER / WORK AREAS
0-35	200	70	245	250	35	40		
40-45	500	150	540	360	40	80		
50-55	1000	185	660	495	50	80		
60-70	SA - 1000 SB - 1500 SC - 2640	235	840	730	60	120		

NOTES:

(1) SHOULDER TAPER LENGTH BASED ON 10 FT. (STANDARD SHOULDER WIDTH) OFFSET.
(2) LANE TAPER LENGTH BASED ON 12 FT. (STANDARD LANE WIDTH) OFFSET.

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

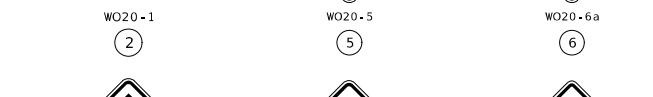
TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

FOR RAMPS WITH SHARP CURVES OR MULTIPLE LANES, RAMP SIGNS MAY BE PLACED ON BOTH SIDES OF THE RAMP.

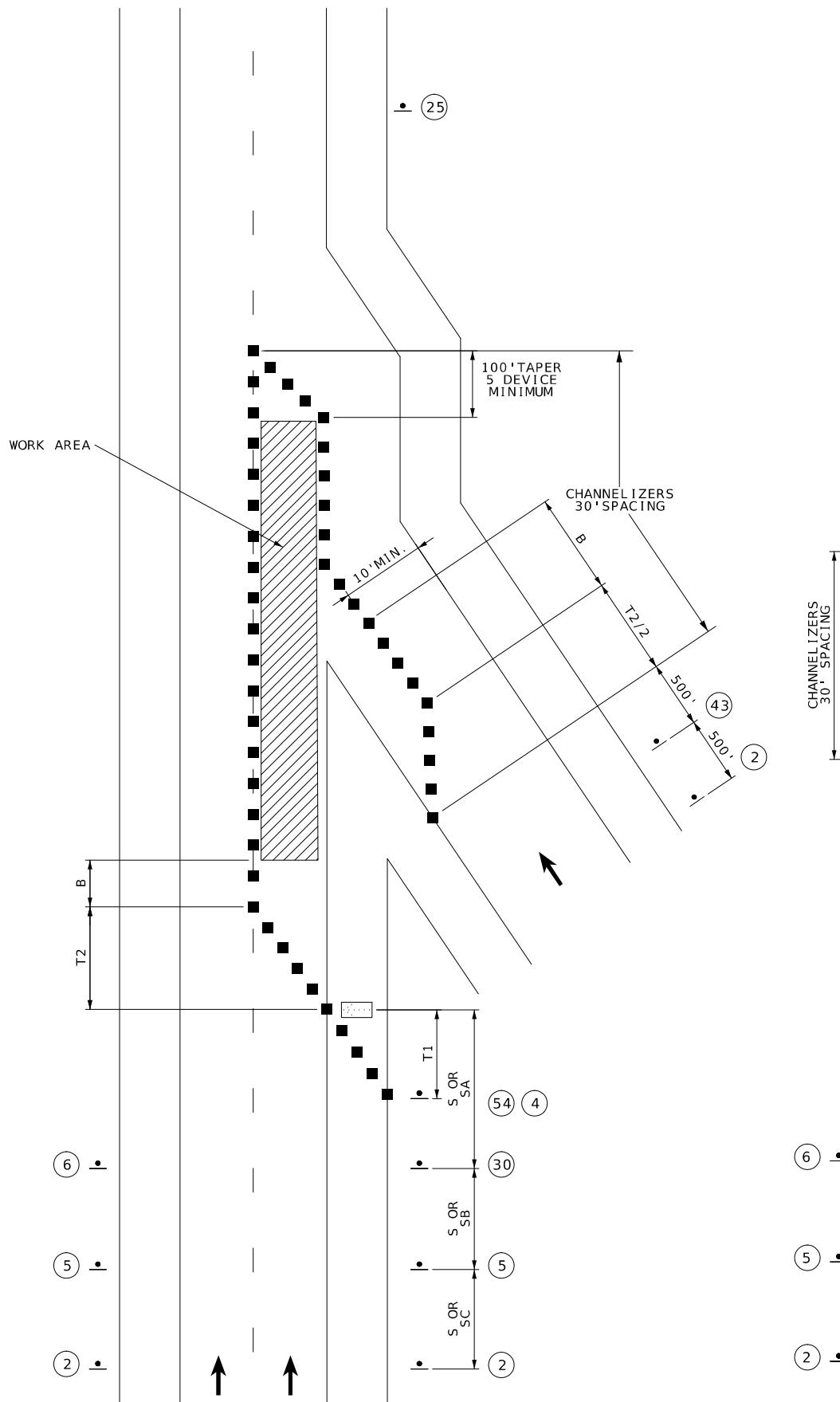
RAMP NARROWS SIGN IS REQUIRED WHEN RAMP WIDTH IS REDUCED.

YIELD SIGN SHOULD BE PLACED ON THE RAMP TO PROVIDE ADEQUATE VISIBILITY OF MAINLINE TRAFFIC. WHERE INADEQUATE ACCELERATION DISTANCE EXISTS FOR THE TEMPORARY ENTRANCE, THE YIELD SIGN SHALL BE REPLACED WITH STOP SIGNS (ONE ON EACH SIDE OF THE APPROACH).

THE LOCATION OF THE SIGN SEQUENCE AND MERGE TAPER SHOULD BE ADJUSTED SO THAT THE ARROW PANEL LOCATION IS NOT CONFUSING TO MOTORISTS ON THE RAMP.



NOT TO SCALE

TRAFFIC CONTROL
SHEET 4 OF 9

WORK IN THE VICINITY OF AN ENTRANCE RAMP

REVISED: 7/23/2025

SPEED PERMANENT POSTED (MPH)	SIGN SPACING (FT) DIVIDED HIGHWAYS (S)	TAPER LENGTH (FT)		OPTIONAL BUFFER LENGTH (FT) (B)	CHANNELIZER SPACING (FT)	
		SHOULDER(1) (T1)	LANE(2) (T2)		TAPERS	BUFFER/ WORK AREAS
0-35	200	70	245	250	35	40
40-45	500	150	540	360	40	80
50-55	1000	185	660	495	50	80
60-70	SA - 1000 SB - 1500 SC - 2640	235	840	730	60	120

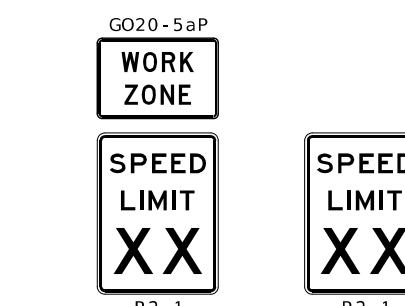
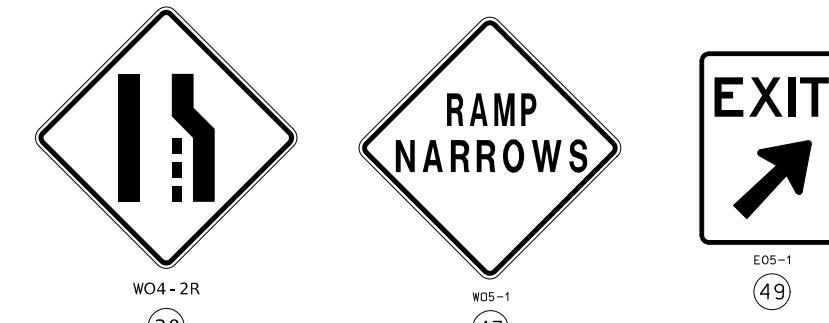
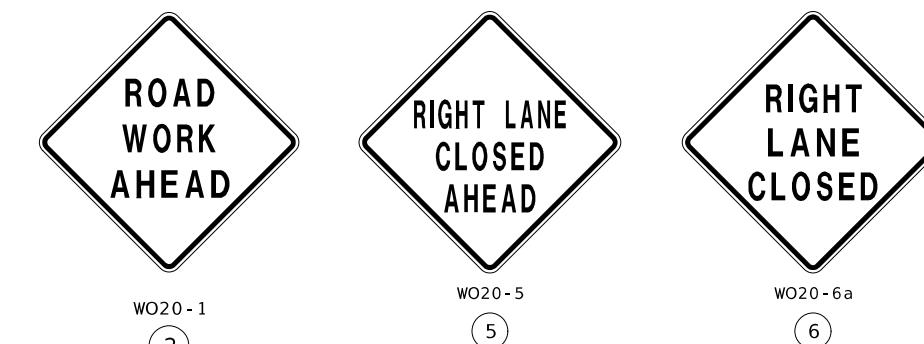
NOTES:

(1) SHOULDER TAPER LENGTH BASED ON 10 FT. (STANDARD SHOULDER WIDTH) OFFSET.
 (2) LANE TAPER LENGTH BASED ON 12 FT. (STANDARD LANE WIDTH) OFFSET.
 (3) 5 CHANNELIZER DEVICE MINIMUM.

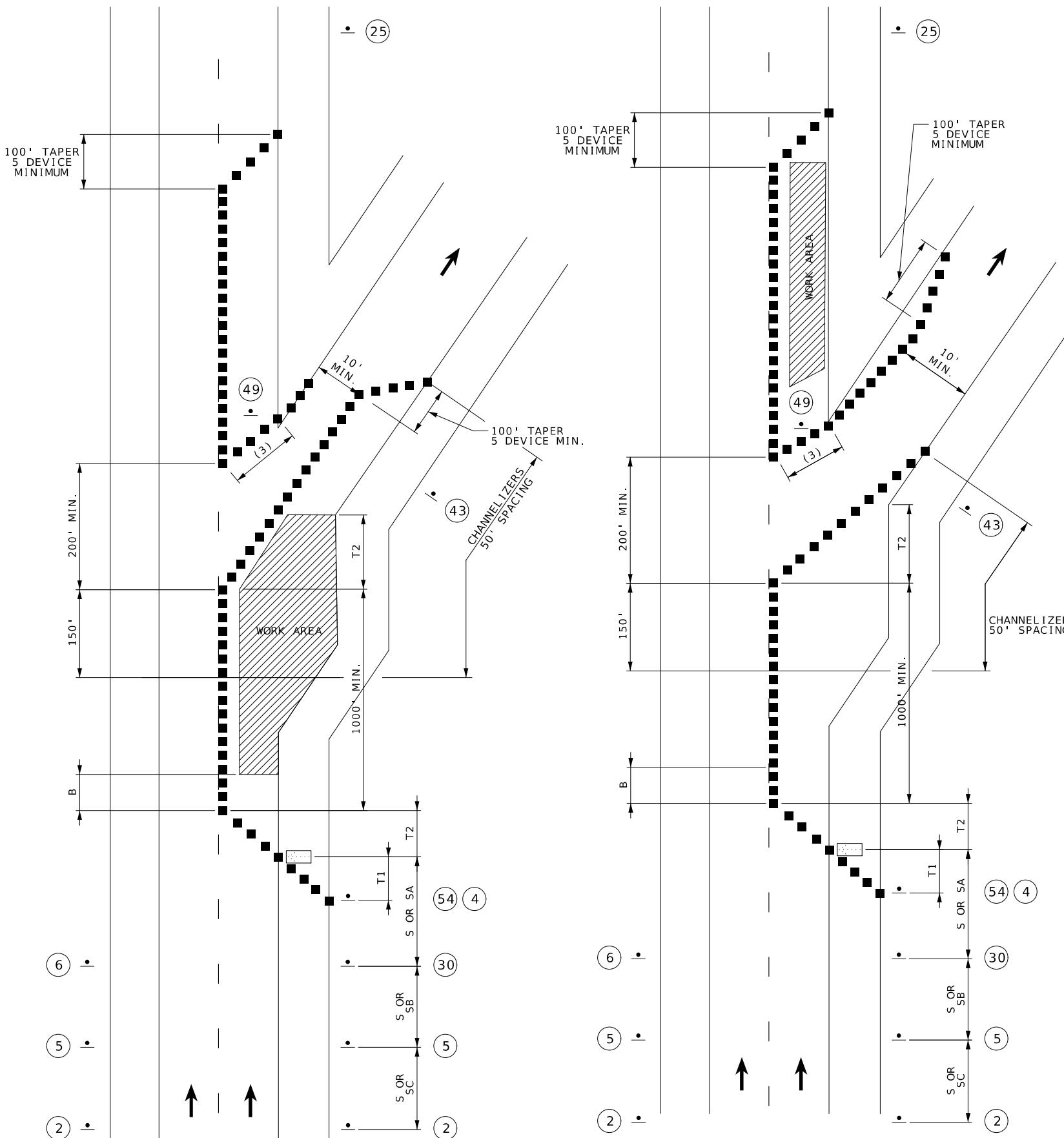
REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

RAMP NARROWS SIGN IS REQUIRED WHEN RAMP WIDTH IS REDUCED.

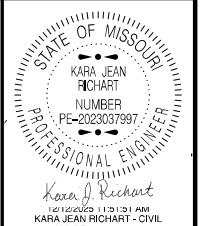
(25)
(NORMAL SPEED)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 5 OF 9

WORK IN THE VICINITY OF AN EXIT RAMP

STATE OF MISSOURI KARA JEAN RICHART NUMBER PE-2023037997	
PROFESSIONAL ENGINEER Kara J. Richart 14160203-2421-PM KARA JEAN RICHART - CIVIL MO-PE-082037997	
DATE PREPARED 9/8/2025	
ROUTE VAR	STATE MO
DISTRICT SW	SCHEET NO. 6
COUNTY VARIOUS	
JOB NO. JSR0194	
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)	

DATE PREPARED
12/10/2025ROUTE VAR STATE MO
DISTRICT SW SHEET NO. 7
COUNTY VARIOUSJOB NO. JSR0194
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)

SPEED PERMANENT POSTED (MPH)	SIGN SPACING (FT) DIVIDED HIGHWAYS (S)	TAPER LENGTH (FT)		OPTIONAL BUFFER LENGTH (FT) TAPERS	CHANNELIZER SPACING (FT) BUFFER / WORK AREAS
		SHOULDER (1) (T1)	LANE (2) (T2)		
0-35	200	70	245	250	35 40
40-45	500	150	540	360	40 80
50-55	1000	185	660	495	50 80
60-70	SA - 1000 SB - 1500 SC - 2640	235	840	730	60 120

NOTES:

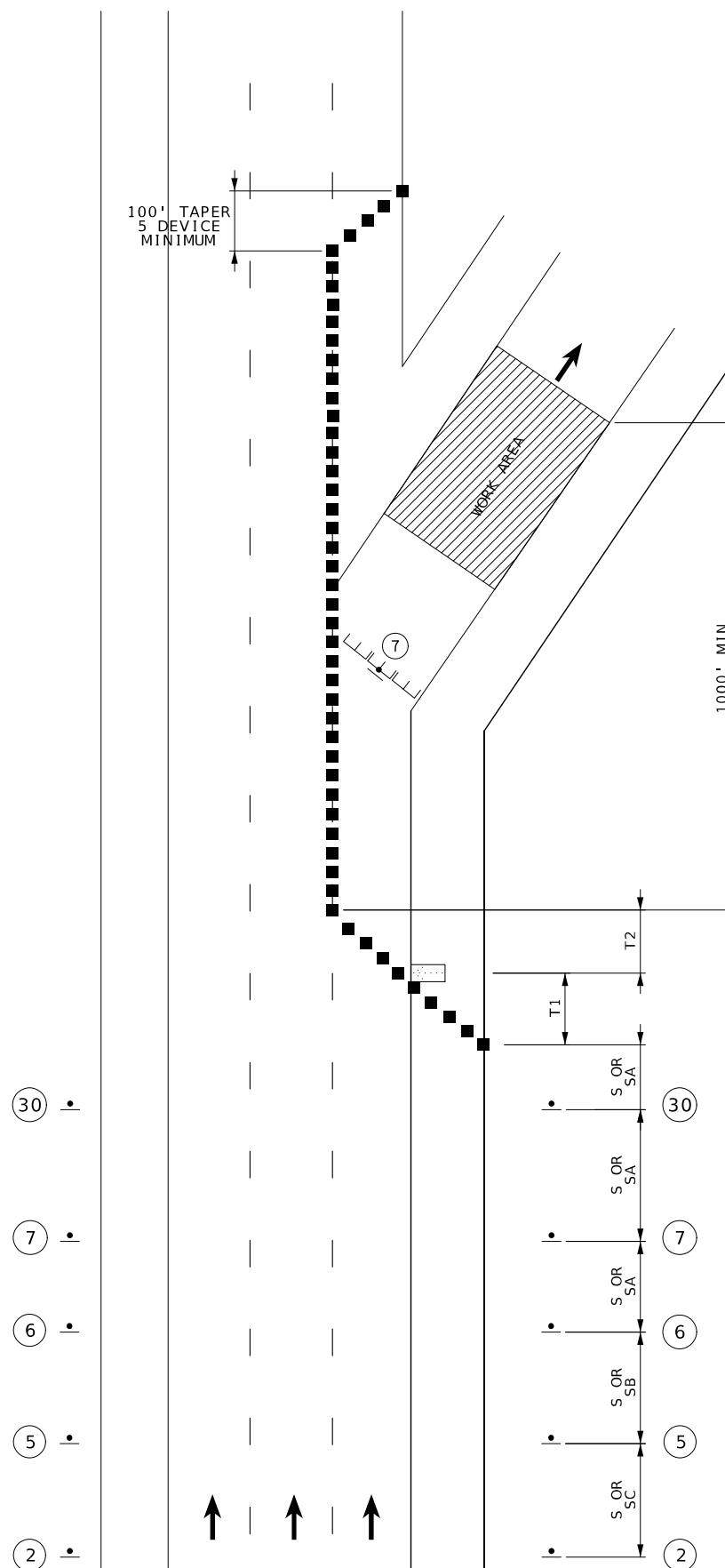
(1) SHOULDER TAPER LENGTH BASED ON 10 FT. (STANDARD SHOULDER WIDTH) OFFSET.
(2) LANE TAPER LENGTH BASED ON 12 FT. (STANDARD LANE WIDTH) OFFSET.
(3) 5 CHANNELIZER DEVICE MINIMUM.

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

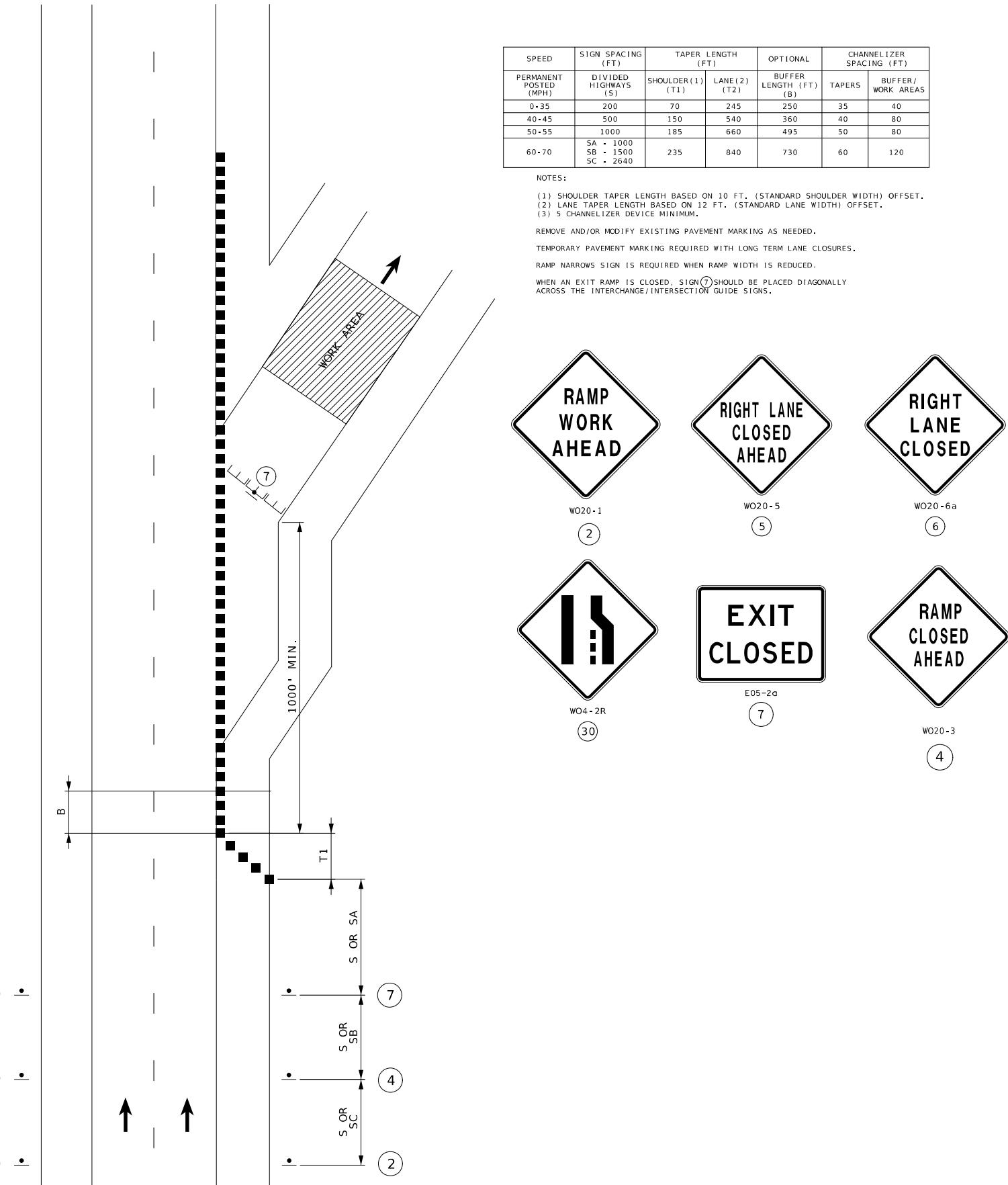
TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

RAMP NARROWS SIGN IS REQUIRED WHEN RAMP WIDTH IS REDUCED.

WHEN AN EXIT RAMP IS CLOSED, SIGN (7) SHOULD BE PLACED DIAGONALLY ACROSS THE INTERCHANGE/INTERSECTION GUIDE SIGNS.



RAMP CLOSURE



NOT TO SCALE

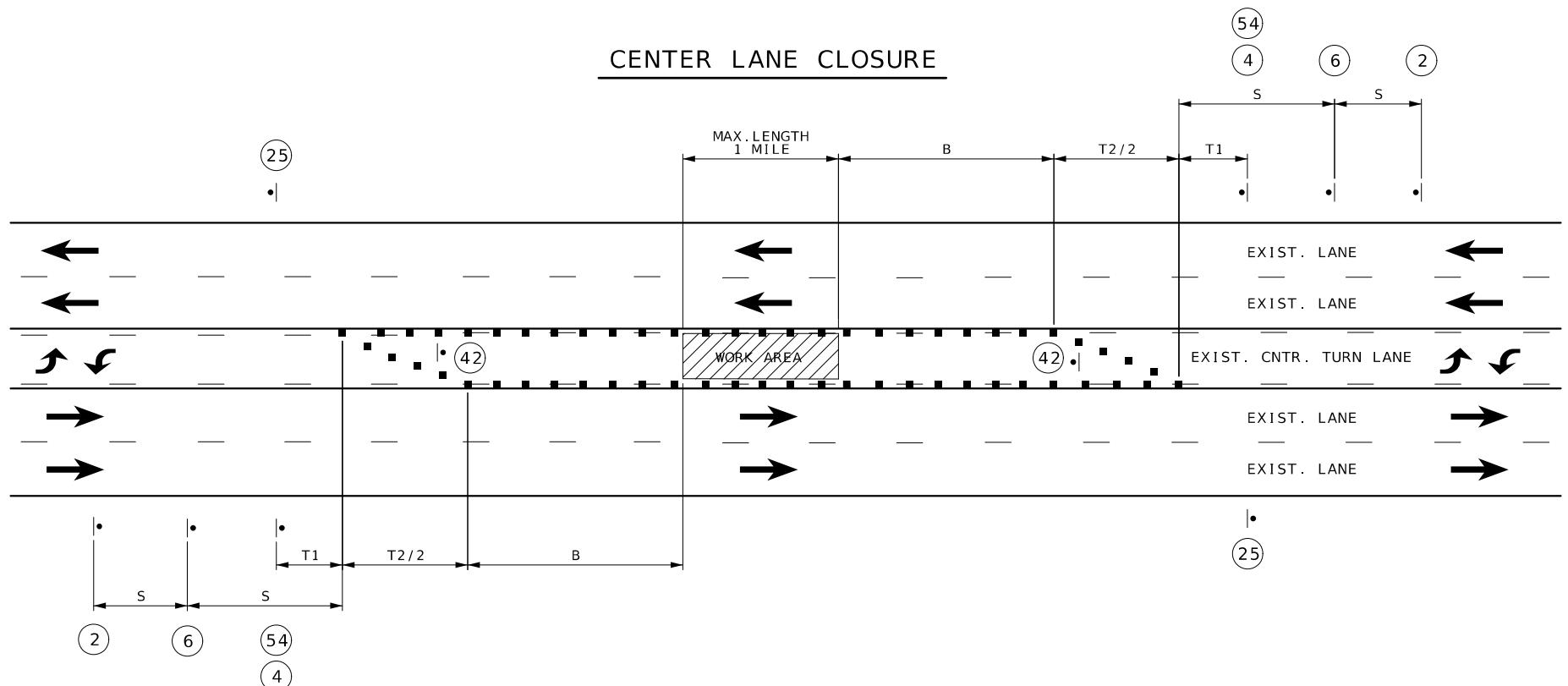
TRAFFIC CONTROL
SHEET 6 OF 9

DATE PREPARED
12/10/2025ROUTE VAR
STATE MO
DISTRICT SW SHEET NO. 8COUNTY VARIOUS
JOB NO. JSR0194
CONTRACT ID.PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE



CENTER LANE CLOSURE



SPEED	SIGN SPACING (FT)	TAPER LENGTH (FT)		OPTIONAL	CHANNELIZER SPACING (FT)	
PERMANENT POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/WORK AREAS
0-35	200	70	245	250	35	40
40-45	350	150	540	360	40	80
50-55	500	185	660	495	50	80
60-70	1000	235	840	730	60	120

NOTES:

(1) SHOULDER TAPER LENGTH BASED ON 10 FT. (STANDARD SHOULDER WIDTH) OFFSET.
 (2) LANE TAPER LENGTH BASED ON 12 FT. (STANDARD LANE WIDTH) OFFSET.

SEE BEGIN/END OF PROJECT SIGNING SHEET FOR ADDITIONAL SIGNS.

IN TAPER SECTIONS, QUANTITY OF CHANNELIZERS IS DOUBLED WHEN COMPARED TO MAXIMUM CHANNELIZER SPACING IN CHART.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURE, NO DIRECT PAY.

NO DIRECT PAYMENT WILL BE MADE FOR RELOCATION OF CHANNELIZERS, SIGNS, AND FLASHING ARROW PANEL.

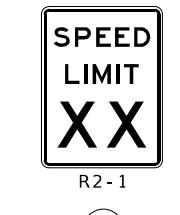
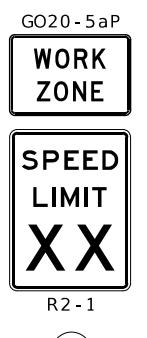
FOR SHORT TERM OPERATIONS WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, DEVICE SPACING IS ONE-HALF SPACING SHOWN IN TABLE.

SPEED LIMIT SIGNS INDICATING NORMAL SPEED LIMIT SHALL BE INSTALLED AT END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.

ALL SIGNS, EXCEPT "NO PHONE ZONE" AND "POINT OF PRESENCE", SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS. SEE JOB SPECIAL PROVISIONS.

WORK WILL REQUIRE LANE CLOSURES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

SEE STANDARD DRAWING 616.10 FOR ADDITIONAL DETAILS.



(NORMAL SPEED)

NOT TO SCALE

TRAFFIC CONTROL
SHEET 7 OF 9

