# DESIGN DESIGNATION

A.A.D.T. - 2024 = N/AT = N/AV = N/A

FUNCTIONAL CLASSIFICATION- VARIOUS

NO NEW RIGHT-OF-WAY

# 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	0000	····
UTILITIES FIBER OPTICS OVERHEAD CABLE TV UNDERGROUND CABLE TV OVERHEAD TELEPHONE UNDERGROUND TELEPHONE OVERHEAD POWER UNDERGROUND POWER SANITARY SEWER STORM SEWER GAS WATER	- F0	-F0 -0TV -UTV -0T -UE -S -SS -6 -W
MANHOLE	SAN	)
FIRE HYDRANT	WV	J
WATER VALVE	"" (T	€
WATER METER	₽,,,	)
DROP INLET	Ĩ	
DITCH BLOCK	SIGN	-
GROUND MOUNTED SIGN	3101	_
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL FENCE CHAIN LINK WOVEN WIRE GATE POST BENCHMARK	PED \ \ \X BM &C	· · —— · 3
DENCHWARK	⊗	y

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

# MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

# PLANS FOR PROPOSED STATE HIGHWAY

VARIOUS COUNTIES

SIGNAL AND LIGHTING REPAIRS

BARTON

COUNTY

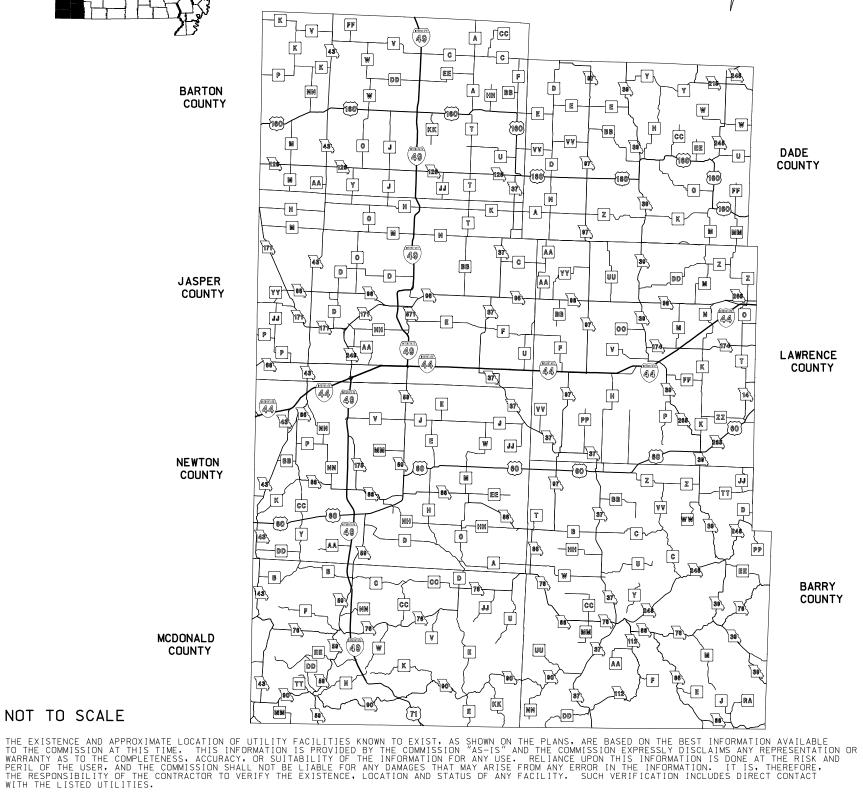
**JASPER** COUNTY

**NEWTON** 

MCDONALD COUNTY

NOT TO SCALE

COUNTY



# INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TRAFFIC CONTROL (TC)	2-11



1/6/2025

VAR. MO SW 1 **VARIOUS** 

JSRM0074 CONTRACT ID.

PROJECT NO

BRIDGE NO

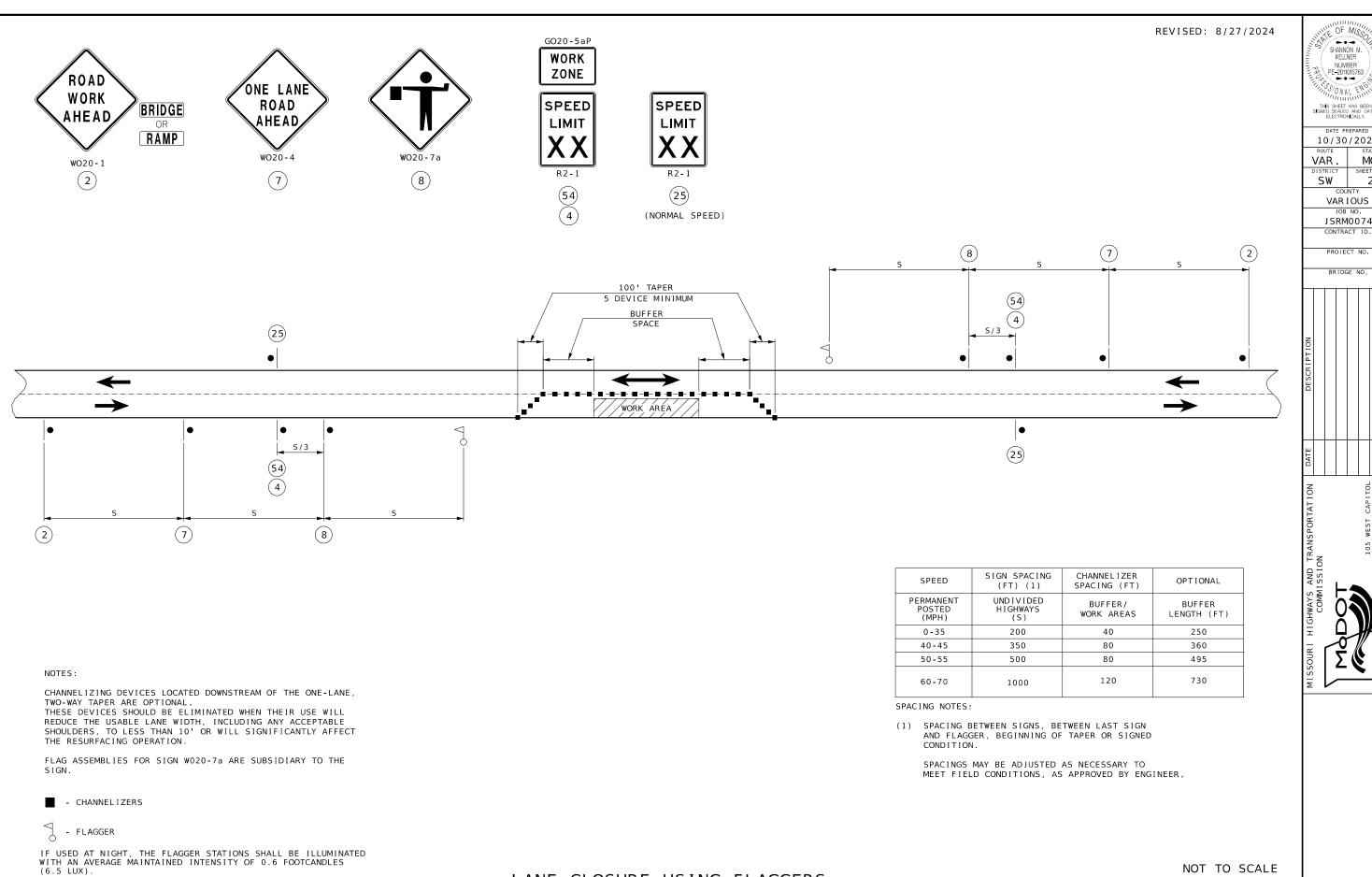
LENGTH OF PROJECT

BEGINNING OF PROJECT N/A N/A END OF PROJECT N/A FEET APPARENT LENGTH

EQUATIONS AND EXCEPTIONS:

TOTAL CORRECTIONS N/A FEET NET LENGTH OF PROJECT N/A FEET STATE LENGTH

N/A MILES



LANE CLOSURE USING FLAGGERS

(UNDIVIDED HIGHWAY)

SHANNON M. KELLNER NUMBER PE-2011015763 11,800 NAL EN

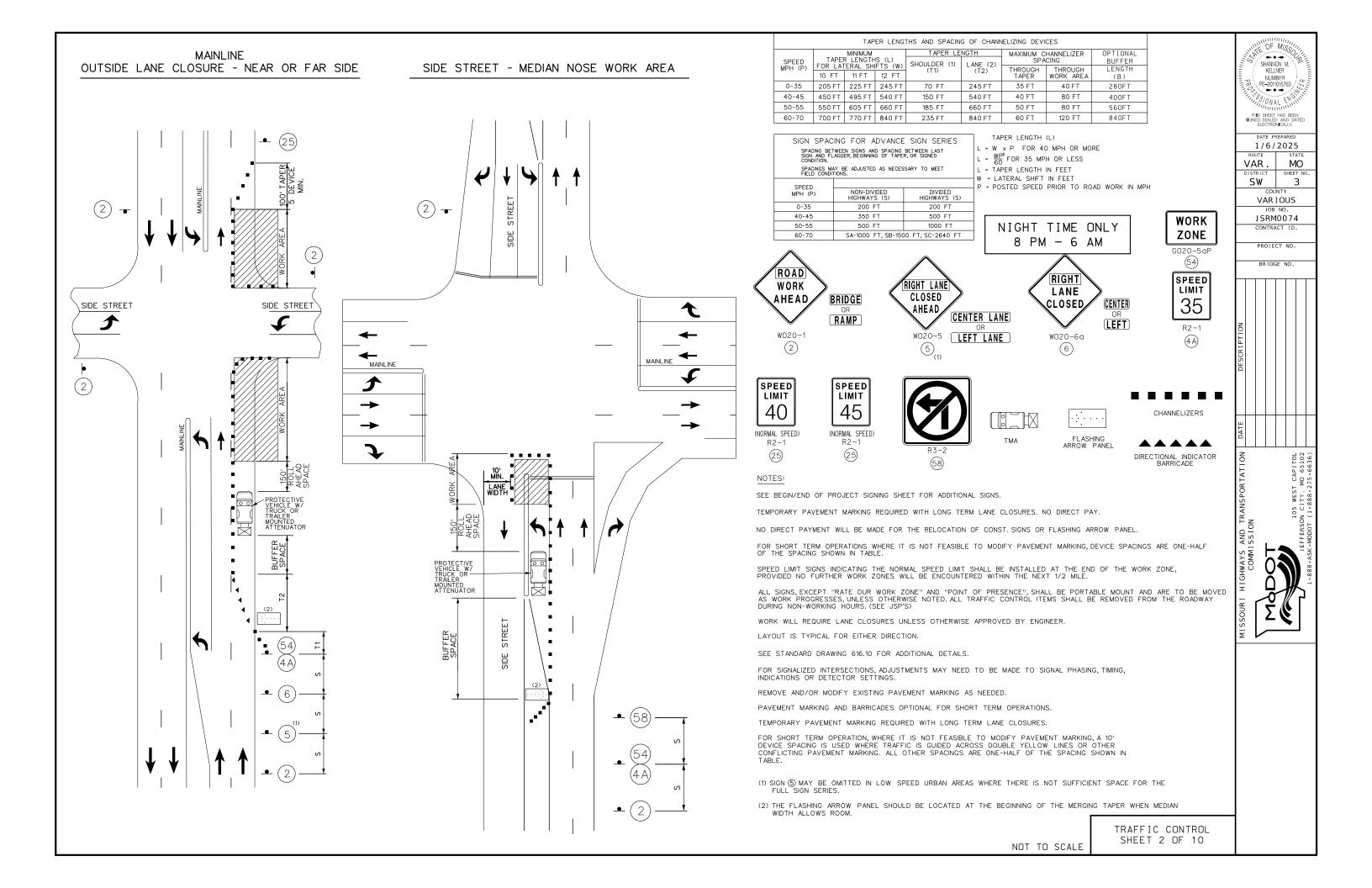
10/30/2024 MO SHEET NO 2

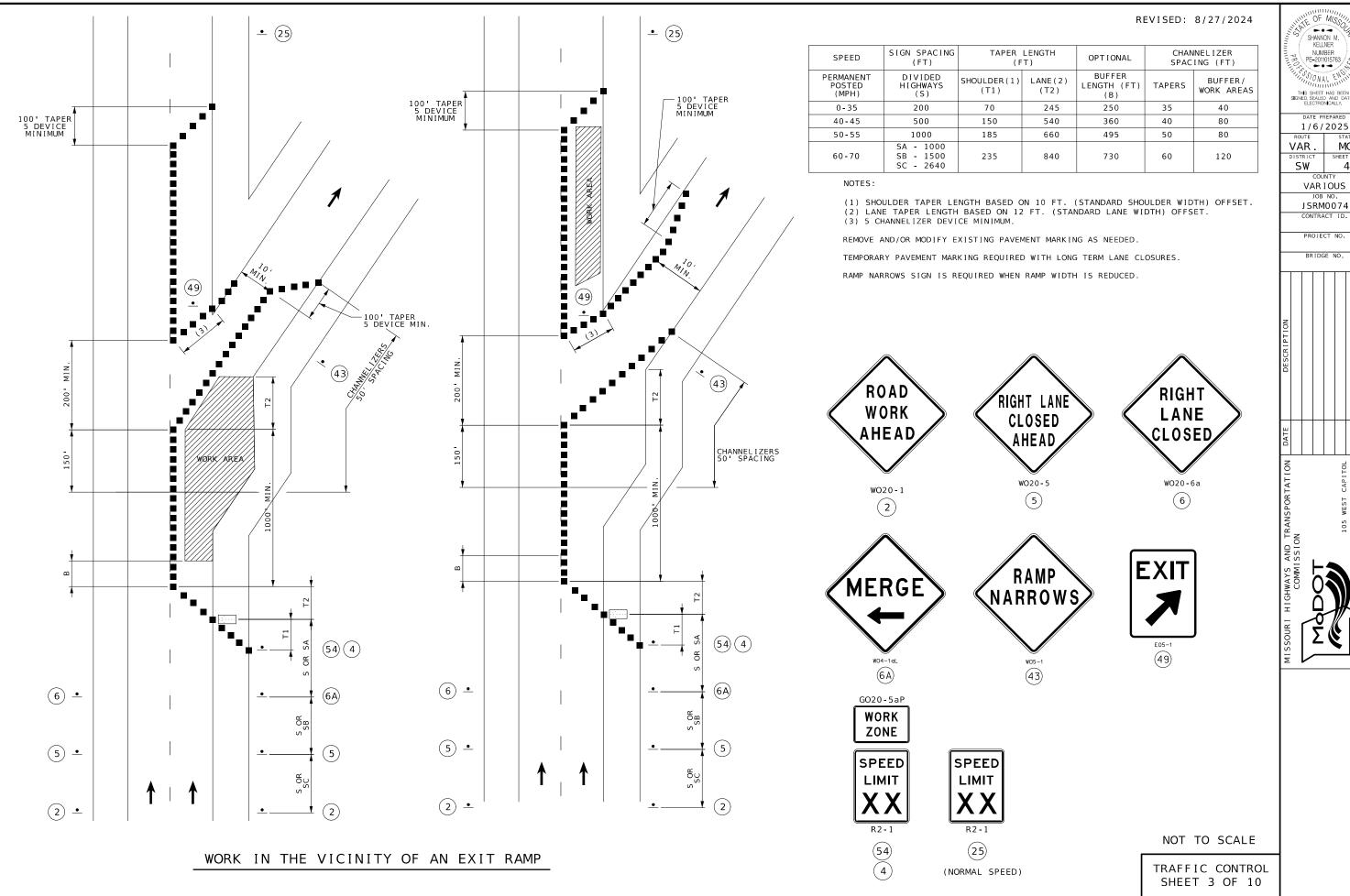
> JSRM0074 CONTRACT ID.

BRIDGE NO.

NOT TO SCALE

TRAFFIC CONTROL SHEET 1 OF 10





-.-SHANNON M. KELLNER NUMBER PE-2011015763 SONAL ENG

1/6/2025 MO SHEET NO 4

JSRM0074 CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REVISED: 8/27/2024

SPEED	SIGN SPACING (FT)		TAPER LENGTH (FT)		OPTIONAL		NELIZER ING (FT)
PERMANENT POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)	SHOULDER(1) (T1)	LANE (2) (T2)	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0 - 35	200	200	70	245	250	35	40
40 - 45	350	500	150	540	360	40	80
50-55	500	1000	185	660	495	50	80
60-70	1000	SA - 1000 SB - 1500 SC - 2640	235	840	730	60	120

### NOTES:

100' TAPER 5 DEVICE MINIMUM

TEMPORARY WHITE LINE

WORK ON FAR SIDE ONLY

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

FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.

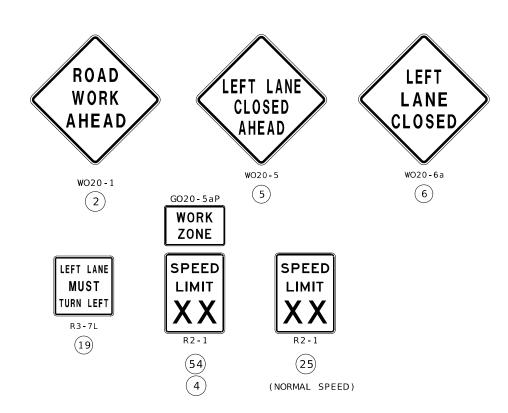
REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

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 SPACINGS ARE ONE-HALF OF THE SPACING.

- (3) LEFT LANE CLOSED AHEAD SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.
- (4) FLASHING ARROW BOARD SHOULD BE LOCATED AT THE BEGINNING OF THE MERGING TAPER WHENMEDIAN WIDTH ALLOWS THIS PLACEMENT.



TEMPORARY PACEMENT ARROW (OPTIONAL)

TEMPORARY YELLOW LINE

TO SO (3)

TEMPORARY YELLOW LINE

TO SO (3)

TO SO (4)

TO SO

WORK ON NEAR OR FAR SIDE

2

(2)

TEMPORARY -PAVEMENT ARROW (OPTIONAL)

100' TAPER 5 DEVICE MINIMUM

2

(2)

TEMPORARY WHITE LINE

LEFT LANE CLOSURE AT INTERSECTION

NOT TO SCALE

TRAFFIC CONTROL SHEET 4 OF 10

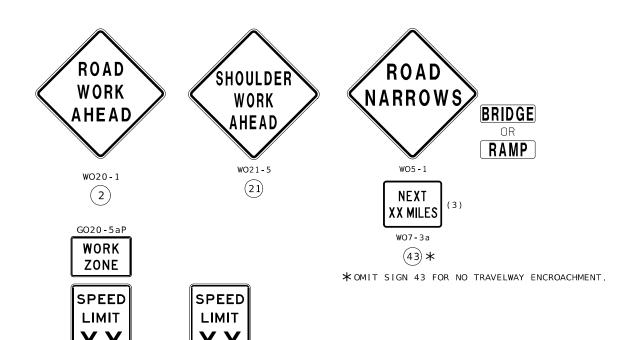
---SHANNON M. KELLNER NUMBER PE-2011015763 SONAL EN 1/6/2025 VAR. MO SW 5 **VARIOUS** JSRM0074 CONTRACT ID. PROJECT NO. BRIDGE NO.

SPEED	SIGN SPACING (FT)	TAPER LENGTH (FT)		OPTIONAL		INELIZER ING (FT)
PERMANENT POSTED (MPH)	DIVIDED HIGHWAYS (S)	SHOULDER(1)	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

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

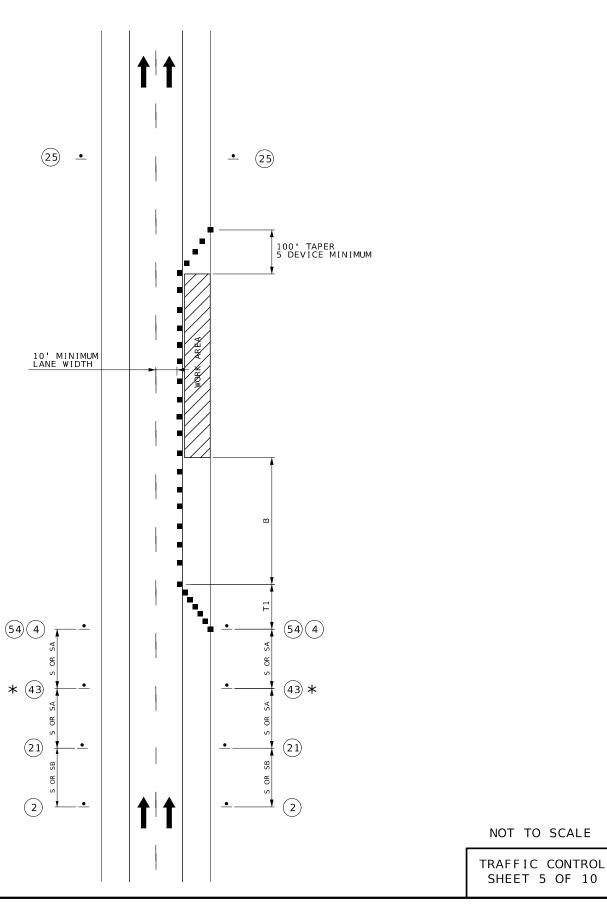
R2-1
(25)
(NORMAL SPEED)

(3) NEXT XX MILES SIGN NOT REQUIRED FOR NARROW LANE SECTIONS LESS THAN ONE MILE.



# SHOULDER WORK WITH MINOR TRAVELWAY ENCROACHMENT OR NO ENCROACHMENT

(DIVIDED HIGHWAY)



SHANNON M.
KELLNER
NUMBER
NUMBER

10/30/2024

VAR I OUS

JSRM0074

CONTRACT ID

PROJECT NO.

MO

6

VAR.

SW

REVISED: 8/27/2024

SPEED	SIGN SPACING (FT)	TAPER LENGTH (FT)		OPTIONAL		INELIZER ING (FT)
PERMANENT POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	SHOULDER(1)	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

LIMIT

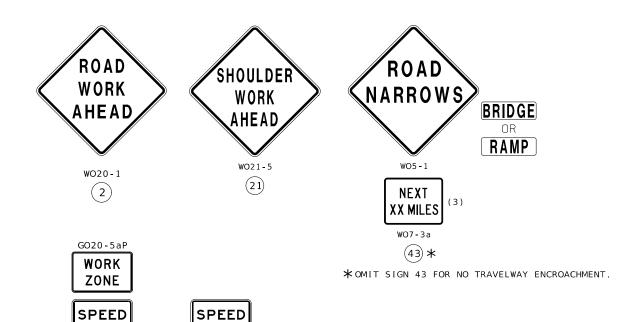
- (1) SHOULDER TAPER LENGTH BASED ON 10 FT. (STANDARD SHOULDER WIDTH) OFFSET. (2) LANE TAPER LENGTH BASED ON 12 FT. (STANDARD LANE WIDTH) OFFSET.

LIMIT

R2-1 (25)

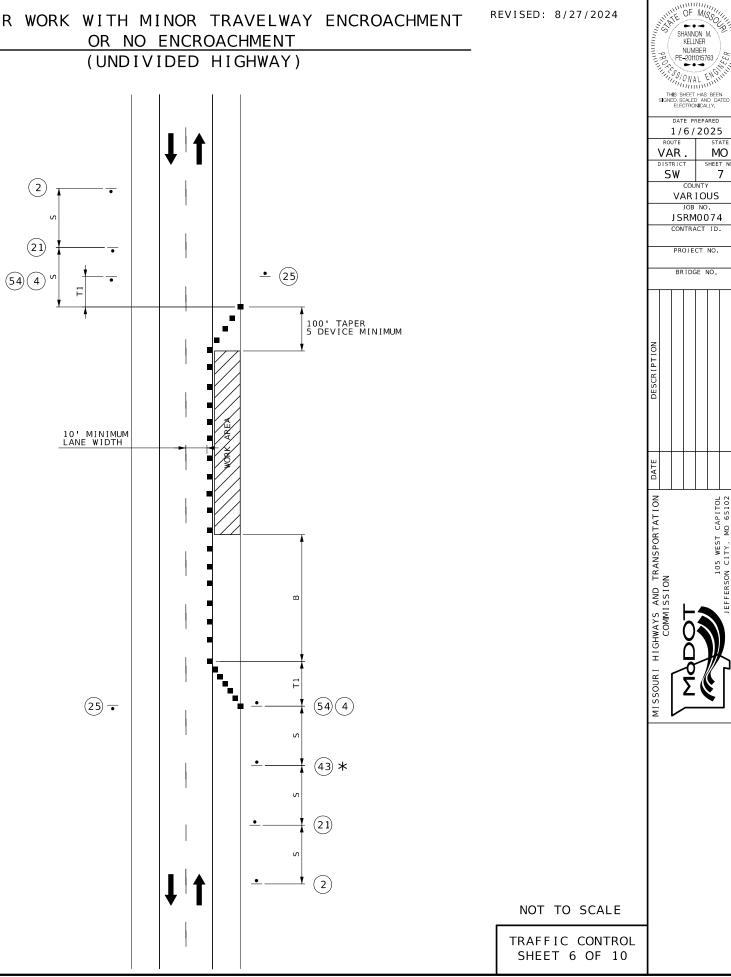
(NORMAL SPEED)

(3) NEXT XX MILES SIGN NOT REQUIRED FOR NARROW LANE SECTIONS LESS THAN ONE MILE.



# SHOULDER WORK WITH MINOR TRAVELWAY ENCROACHMENT OR NO ENCROACHMENT

(UNDIVIDED HIGHWAY)



REVISED: 8/27/2024

SPEED	SIGN SPACING TAPER LENGTH OPTIONAL (FT)				CHANNELIZER SPACING (FT)	
PERMANENT POSTED (MPH)	DIVIDED HIGHWAYS (S)	SHOULDER(1)	LANE(2) (T2)	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	70	245	250	35	40
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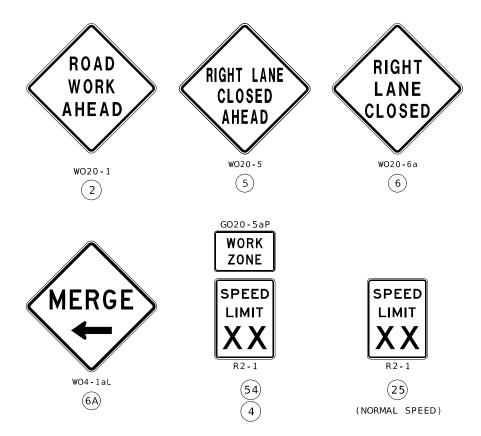
TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES.

REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.

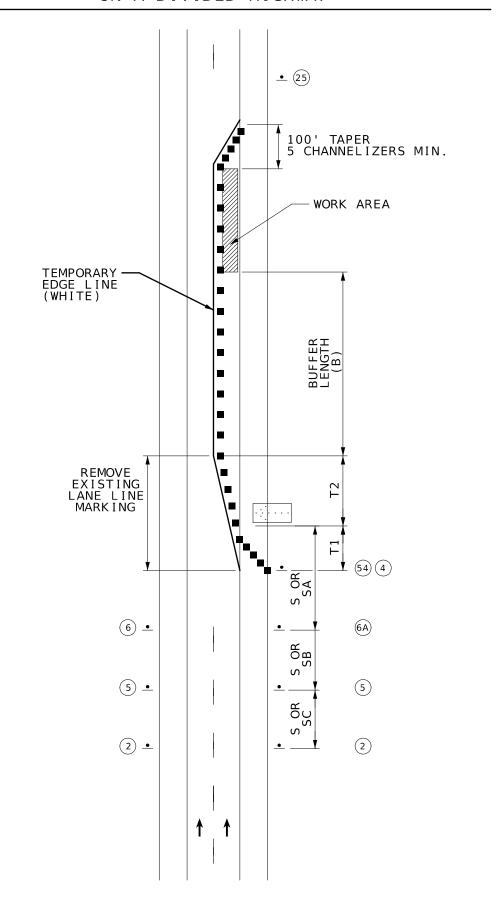
THIS INFORMATION ALSO SHALL BE USED WHEN WORK IS BEING PERFORMED IN THE LANE ADJACENT TO THE MEDIAN ON A DIVIDED HIGHWAY. IN THIS CASE, THE LEFT LANE CLOSED SIGNS AND THE CORRESPONDING MERGE OR LANE ENDS SIGNS SHALL BE SUBSTITUTED.

WHEN A SIDE ROAD INTERSECTS THE HIGHWAY WITHIN THE TTC ZONE, ADDITIONAL TTC DEVICES SHALL BE PLACED AS NEEDED.

AN ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED.WHEN MORE THAN ONE FREEWAY LANE IS CLOSED, A SEPARATE ARROW BOARD SHALL BE USED FOR EACH CLOSED LANE.



# STATIONARY LANE CLOSURE ON A DIVIDED HIGHWAY



SHAMON M. RELINER PE-2011015763

REVISED: 8/27/2024

THIS SHEET HAS BEEN GNED, SEALED AND DATE

DATE PREPARED

10/30/2024

ROUTE STATE

VAR. MO

SW 8

COUNTY

VARIOUS

JSRM0074

CONTRACT ID.

BRIDGE NO.

MISSOURI HIGHWAYS AND TRANSPORTAT
COMMISSION

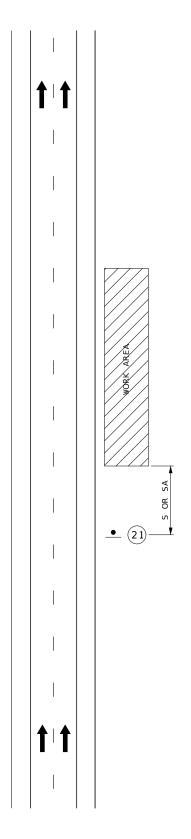
105 WEST CAP
JEFFERSON CITY, MO 6
1-888-ASK-MODOT (1-888-275-6

NOT TO SCALE

TRAFFIC CONTROL SHEET 7 OF 10

REVISED: 4/26/2023

# WORK BEYOND THE SHOULDER (DIVIDED HIGHWAY)



SPEED	SIGN SPACING (FT) (1)			
PERMANENT POSTED (MPH)	DIVIDED HIGHWAYS (S)			
0-35	200			
40-45	500			
50-55	1000			
60-70	SA - 1000 SB - 1500 SC - 2640			

## SPACING NOTES:

(1) SPACING BETWEEN SIGNS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS, AS APPROVED BY ENGINEER.





TO / 30 / 2024

ROUTE STATE
VAR . MO
DISTRICT SHEET NO.
SW 9

COUNTY
VAR I OUS
JOB NO.
J SRM0 0 7 4
CONTRACT ID.

PROJECT NO.





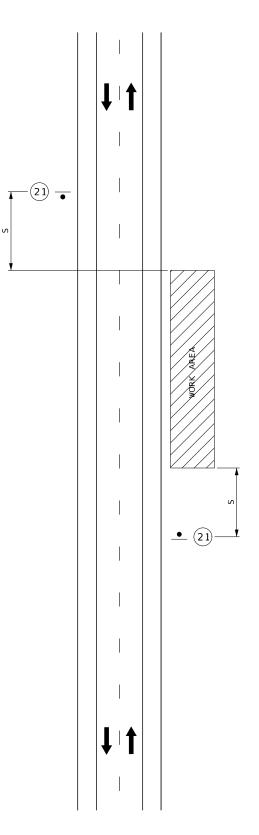
NOT TO SCALE

TRAFFIC CONTROL SHEET 8 OF 10

REVISED: 5/11/2023

# WORK BEYOND THE SHOULDER

(UNDIVIDED HIGHWAY)



SPEED	SIGN SPACING (FT) (1)
PERMANENT POSTED (MPH)	UNDIVIDED HIGHWAYS (S)
0-35	200
40-45	350
50-55	500
60-70	1000

# SPACING NOTES:

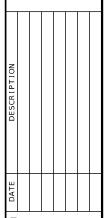
(1) SPACING BETWEEN SIGNS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS, AS APPROVED BY ENGINEER.





COUNTY
VARIOUS
JOB NO.
JSRMO074
CONTRACT ID.

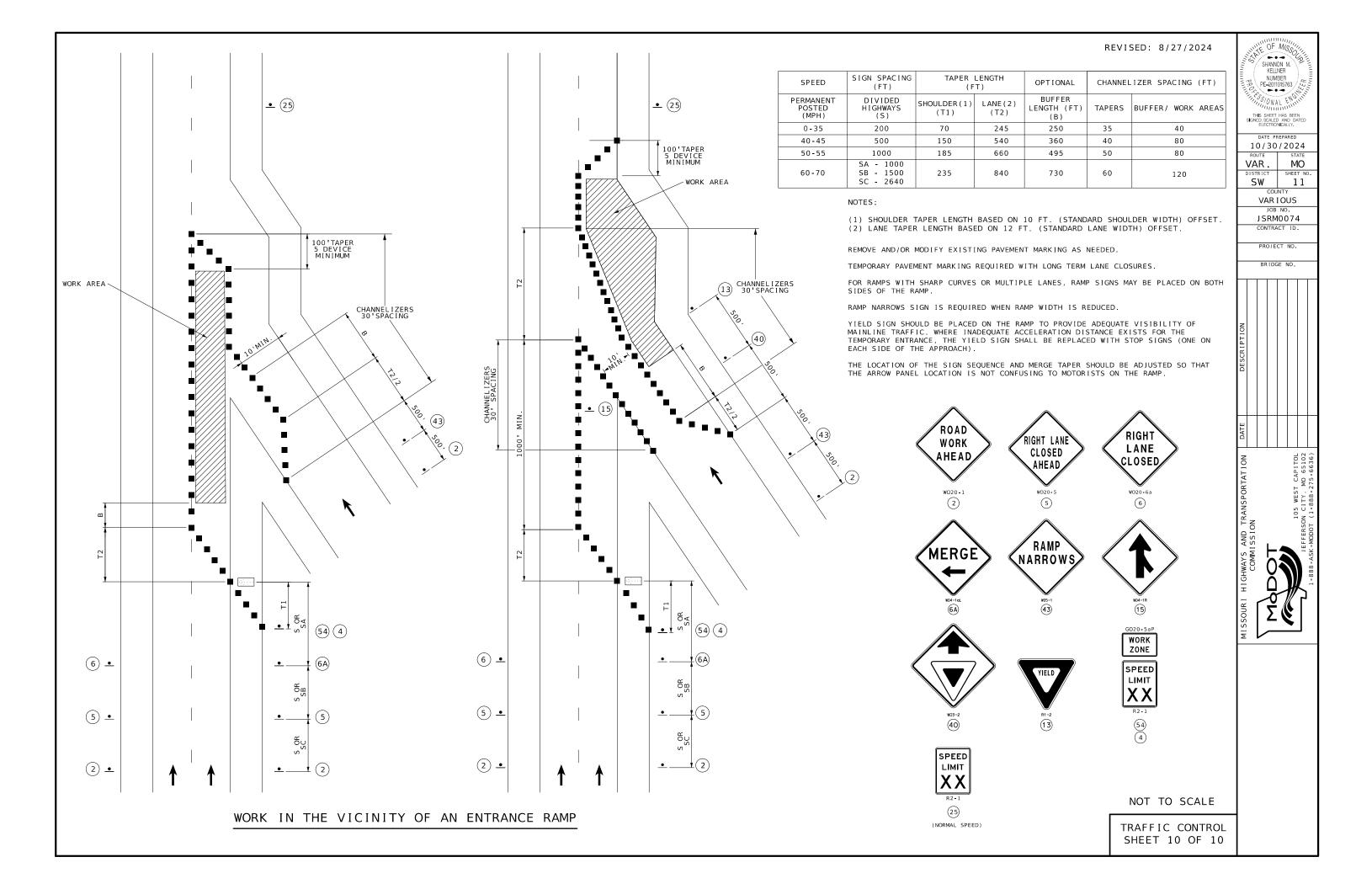
PROJECT NO.





NOT TO SCALE

TRAFFIC CONTROL SHEET 9 OF 10



## DESIGN DESIGNATION

A.A.D.T. - 2022 = N/AT = N/AV = N/A

FUNCTIONAL CLASSIFICATION- VARIOUS

NO NEW RIGHT-OF-WAY

## CONVENTIONAL SYMBOLS (USED IN PLANS)

10020 111 1211110		
	EXISTING	NEW
BUILDINGS AND STRUCTURES GUARD RAIL GUARD CABLE CONCRETE RIGHT-OF-WAY MARKER STEEL RIGHT-OF-WAY MARKER	0000	••••
LOCATION SURVEY MARKER UTILITIES	0	0
FIBER OPTICS	-FO-	<del>-F0-</del>
OVERHEAD CABLE TV	-OTV-	
UNDERGROUND CABLE TV OVERHEAD TELEPHONE	-UTV- - OT -	<del>-UTV-</del> - <del>OT</del>
UNDERGROUND TELEPHONE	— UT —	<del>UT</del>
OVERHEAD POWER	– 0E – – UF –	-0E-
UNDERGROUND POWER SANITARY SEWER	- UE - S	
STORM SEWER	- SS -	
GAS WATER	— W —	— <del>W</del> —
	— W —	w
MANHOLE	нүр	)
FIRE HYDRANT	wv	Ĵ
WATER VALVE	"" (T	)
WATER METER	•••	)
DROP INLET	,   	
DITCH BLOCK	=	<b>=</b>
GROUND MOUNTED SIGN	SIGN	_
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL FENCE	PED _	7
CHAIN LINK WOVEN WIRE	— V	' —— : ——
GATE POST	L⊠ BM	7
BENCHMARK	· · · ·	)

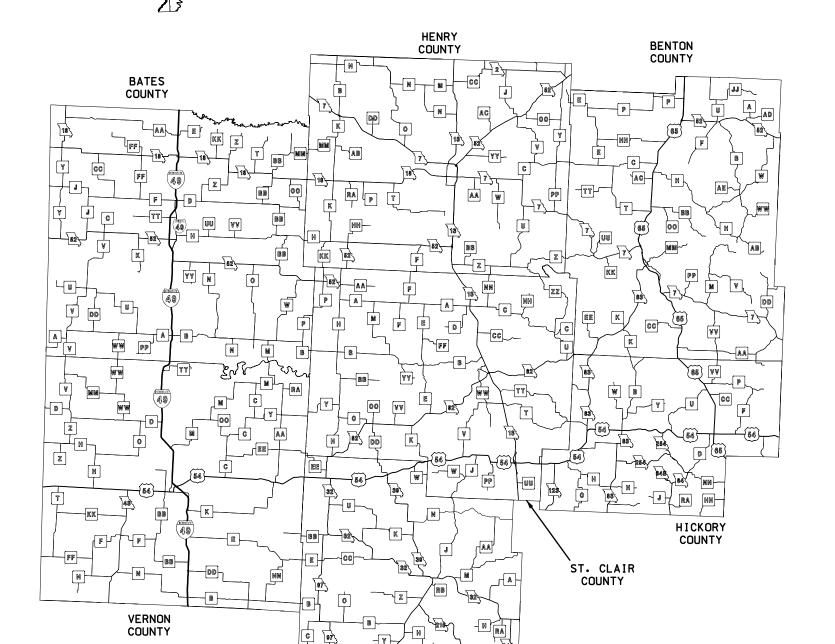
NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

# MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

# PLANS FOR PROPOSED STATE HIGHWAY

VARIOUS COUNTIES

SIGNAL AND LIGHTING REPAIRS



# NOT TO SCALE

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.

**CEDAR** COUNTY

# INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TRAFFIC CONTROL (TC)	2-11



### LENGTH OF PROJECT

BEGINNING OF PROJECT N/A END OF PROJECT N/A

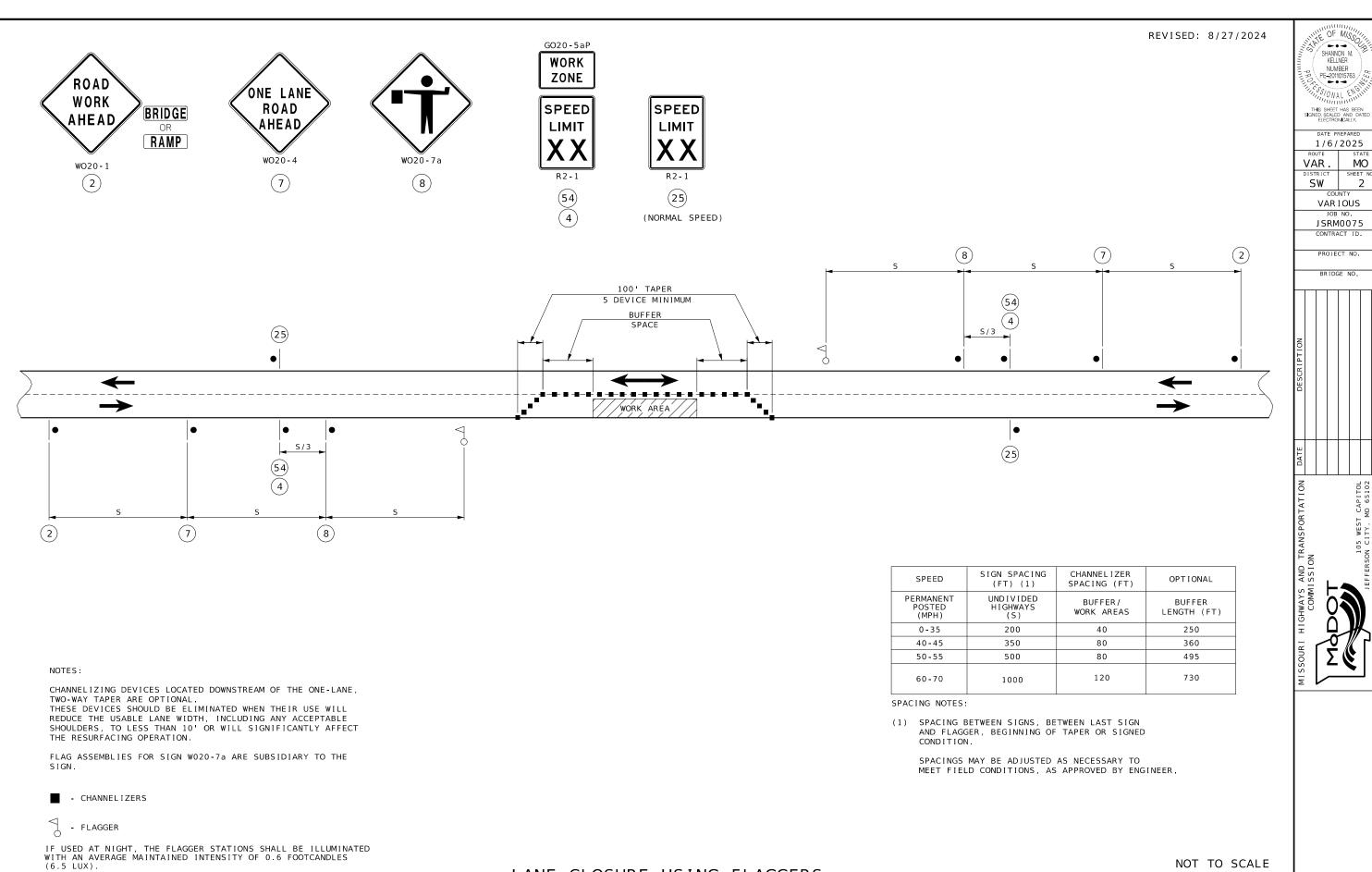
APPARENT LENGTH N/A FEET

EQUATIONS AND EXCEPTIONS:



N/A FEET TOTAL CORRECTIONS NET LENGTH OF PROJECT N/A FEET STATE LENGTH N/A MILES



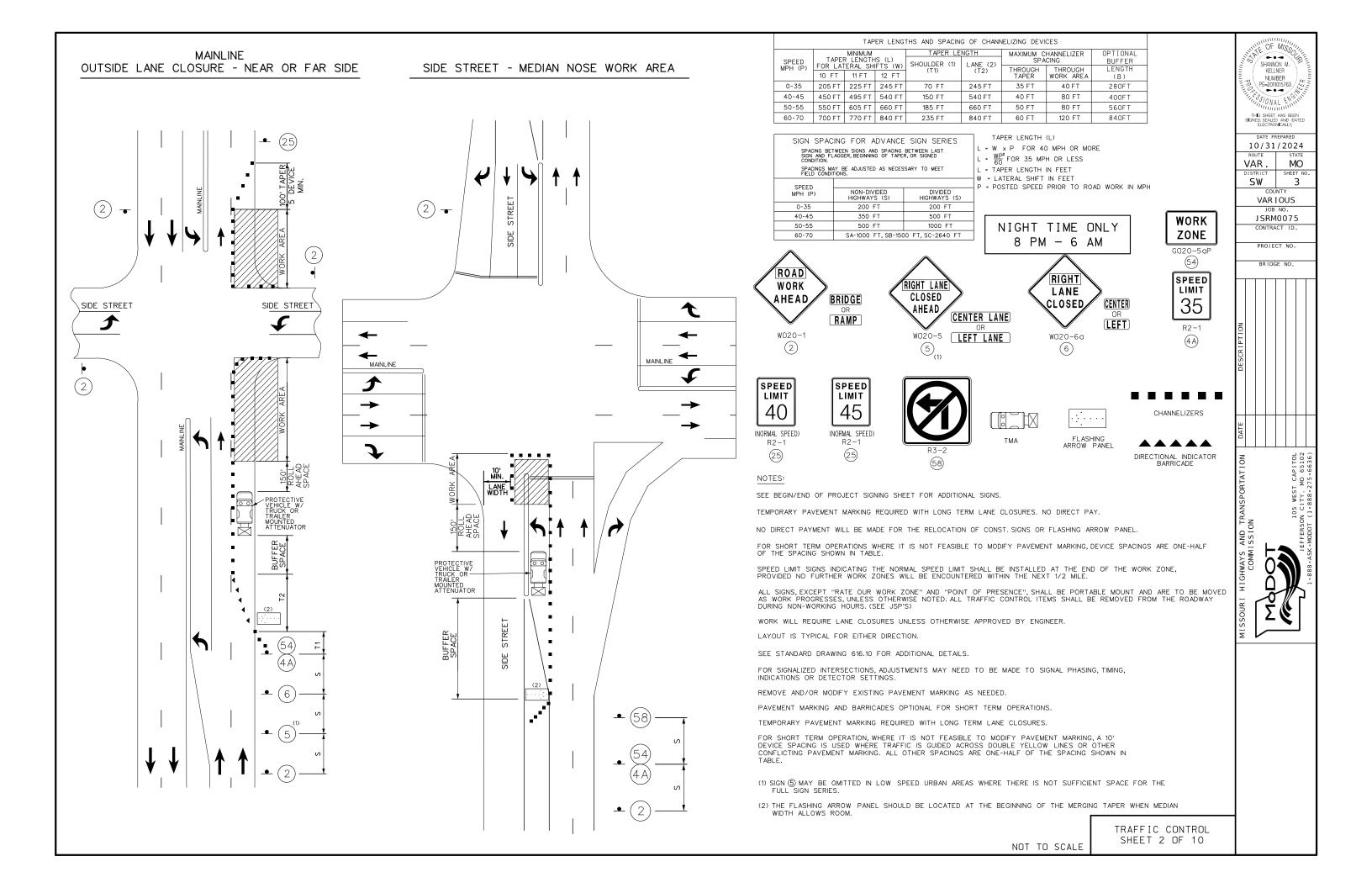


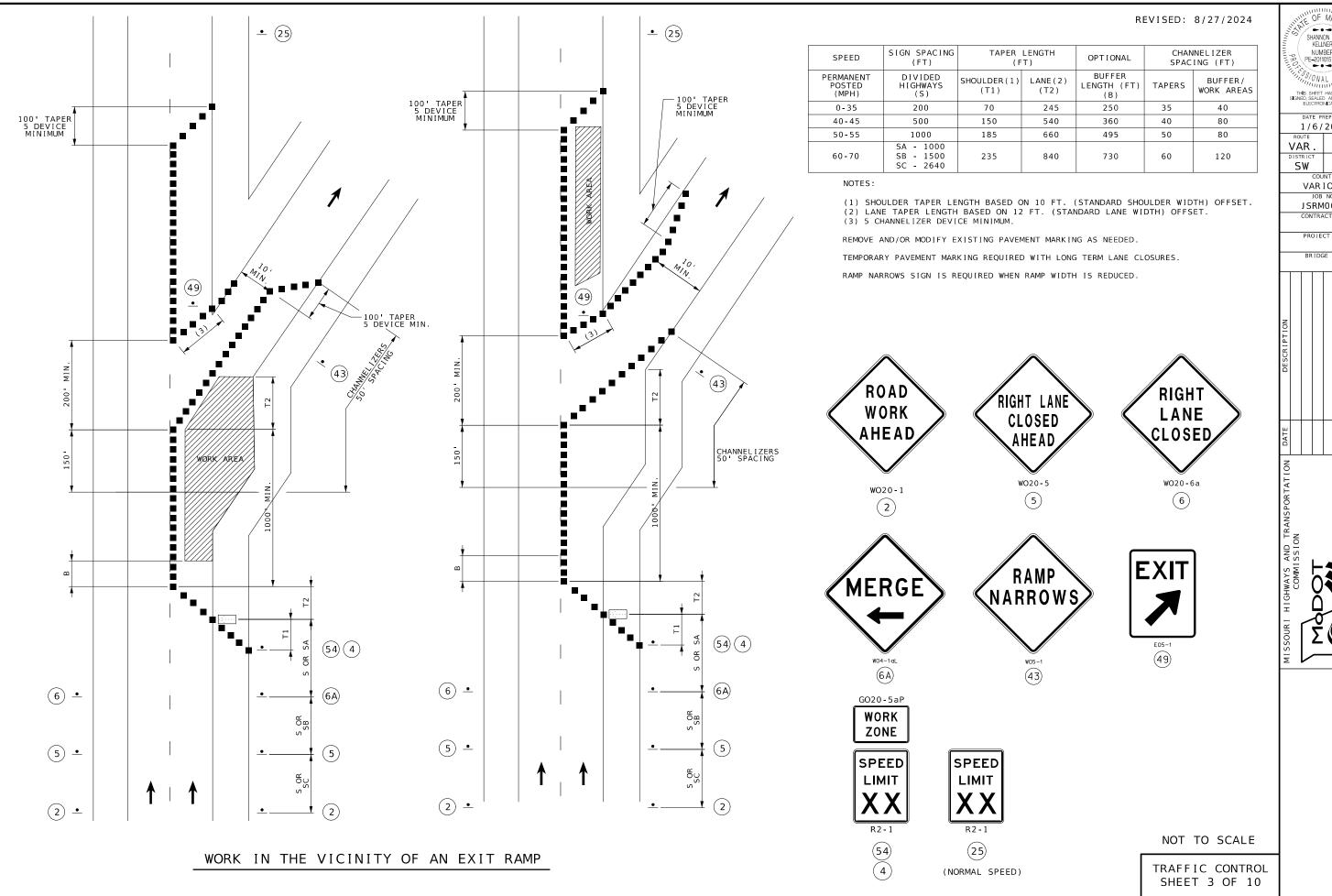
LANE CLOSURE USING FLAGGERS

(UNDIVIDED HIGHWAY)

NOT TO SCALE

TRAFFIC CONTROL SHEET 1 OF 10





SHANNON M. KELLNER NUMBER PE-2011015763 SSONAL EN

1/6/2025 MO SHEET NO 4

**VARIOUS** JSRM0075 CONTRACT ID.

PROJECT NO.

BRIDGE NO.

REVISED: 8/27/2024

SPEED	SIGN SPACING (FT)		TAPER LENGTH (FT)		OPTIONAL		NELIZER ING (FT)
PERMANENT POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)	SHOULDER(1) (T1)	LANE(2) (T2)	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	200	70	245	250	35	40
40-45	350	500	150	540	360	40	80
50-55	500	1000	185	660	495	50	80
60-70	1000	SA - 1000 SB - 1500 SC - 2640	235	840	730	60	120

### NOTES:

100' TAPER 5 DEVICE MINIMUM

TEMPORARY WHITE LINE

(19)

(54)(4)

(6)

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

FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.

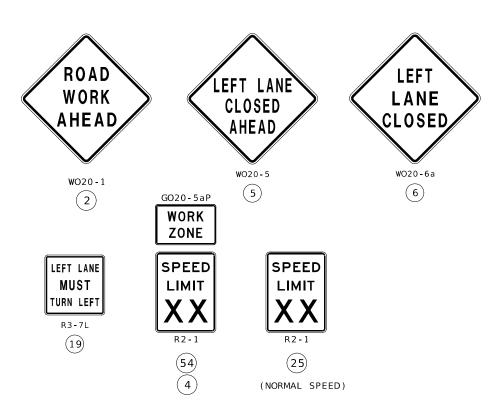
REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

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 SPACINGS ARE ONE-HALF OF THE SPACING.

- (3) LEFT LANE CLOSED AHEAD SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.
- (4) FLASHING ARROW BOARD SHOULD BE LOCATED AT THE BEGINNING OF THE MERGING TAPER WHENMEDIAN WIDTH ALLOWS THIS PLACEMENT.



WORK ON NEAR OR FAR SIDE

WORK ON FAR SIDE

WORK ON FAR SIDE ONLY

2

(2)

TEMPORARY -PAVEMENT ARROW (OPTIONAL)

TEMPORARY YELLOW LINE

100' TAPER

5 DEVICE MINIMUM

LEFT LANE CLOSURE AT INTERSECTION

(54)(4)

2

(2)

TEMPORARY WHITE LINE

TEMPORARY PAVEMENT ARROW (OPTIONAL)

TEMPORARY YELLOW LINE

NOT TO SCALE

TRAFFIC CONTROL SHEET 4 OF 10

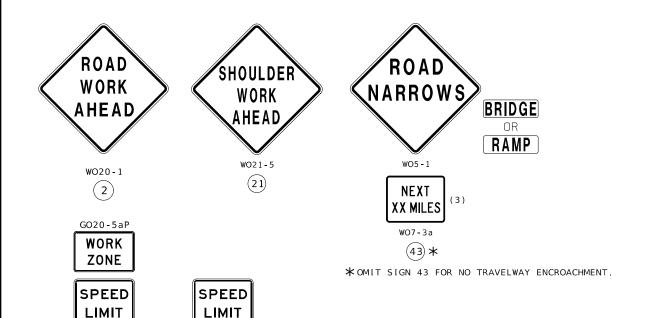
---SHANNON M. KELLNER NUMBER PE-2011015763 S/ONAL EN 10/31/2024 VAR. MO SHEET NO SW 5 VAR I OUS JSRM0075 CONTRACT ID. PROJECT NO. BRIDGE NO.

SPEED	SIGN SPACING (FT)	TAPER LENGTH (FT)		OPTIONAL		NELIZER ING (FT)
PERMANENT POSTED (MPH)	DIVIDED HIGHWAYS (S)	SHOULDER(1)	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

- (1) SHOULDER TAPER LENGTH BASED ON 10 FT. (STANDARD SHOULDER WIDTH) OFFSET.
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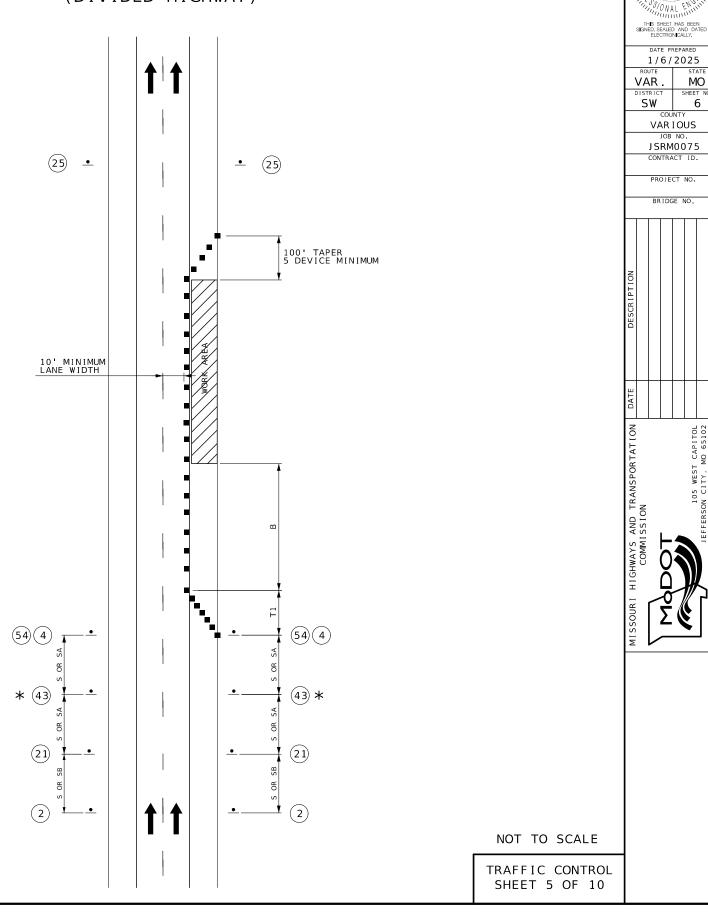
R2-1 (25) (NORMAL SPEED)

(3) NEXT XX MILES SIGN NOT REQUIRED FOR NARROW LANE SECTIONS LESS THAN ONE MILE.



# SHOULDER WORK WITH MINOR TRAVELWAY ENCROACHMENT OR NO ENCROACHMENT

(DIVIDED HIGHWAY)



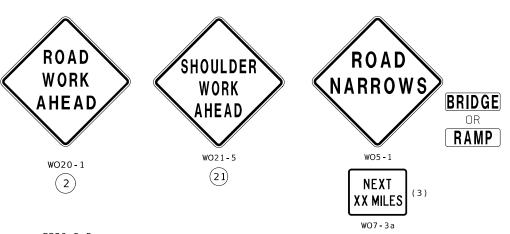
REVISED: 8/27/2024

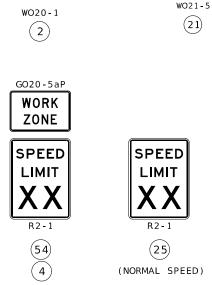
SHANNON M.
KELLNER
NUMBER
PE-2011015763

6

SPEED	SIGN SPACING (FT)		LENGTH T)	OPTIONAL		INELIZER ING (FT)
PERMANENT POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	SHOULDER(1)	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
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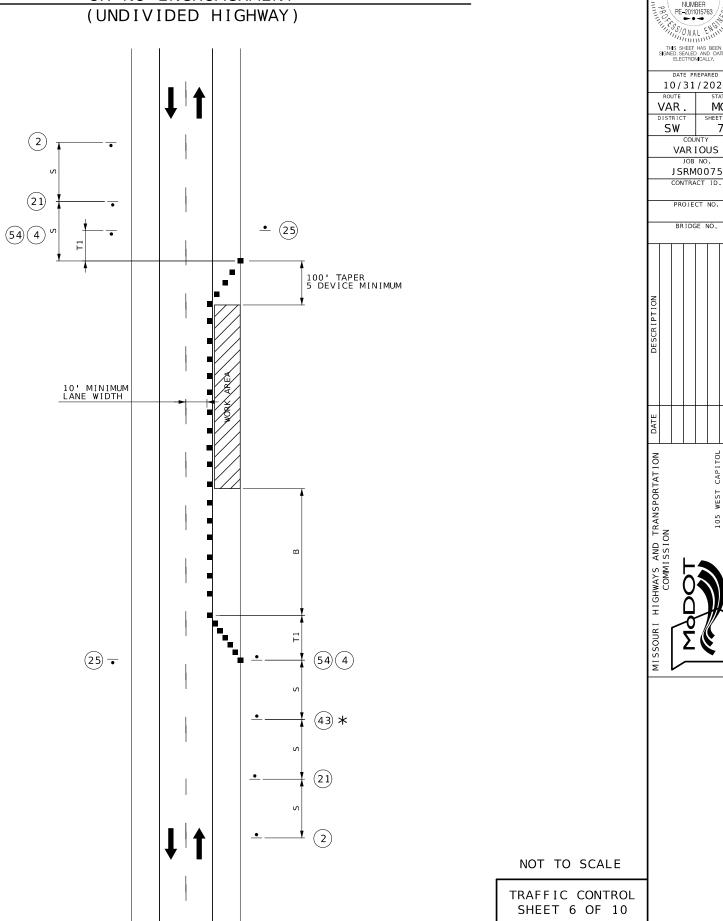




(43) **\* ★**OMIT SIGN 43 FOR NO TRAVELWAY ENCROACHMENT.

# SHOULDER WORK WITH MINOR TRAVELWAY ENCROACHMENT OR NO ENCROACHMENT

(UNDIVIDED HIGHWAY)



REVISED: 8/27/2024

SHANNON M.
KELLNER
NUMBER
PE-2011015763

10/31/2024

VAR I OUS

JSRM0075

PROJECT NO.

BRIDGE NO.

MO

7

VAR.

SW

SPEED	SIGN SPACING (FT)		LENGTH T)	OPTIONAL		INELIZER ING (FT)
PERMANENT POSTED (MPH)	DIVIDED HIGHWAYS (S)	SHOULDER(1)	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
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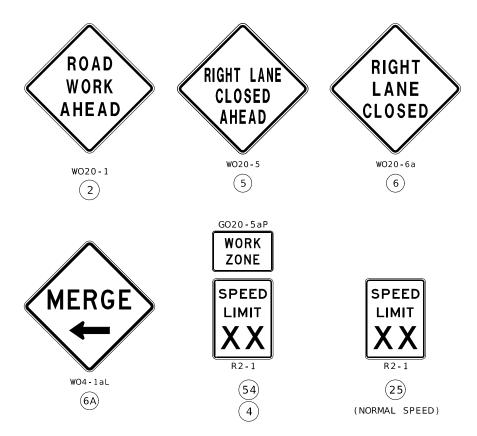
TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES.

REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.

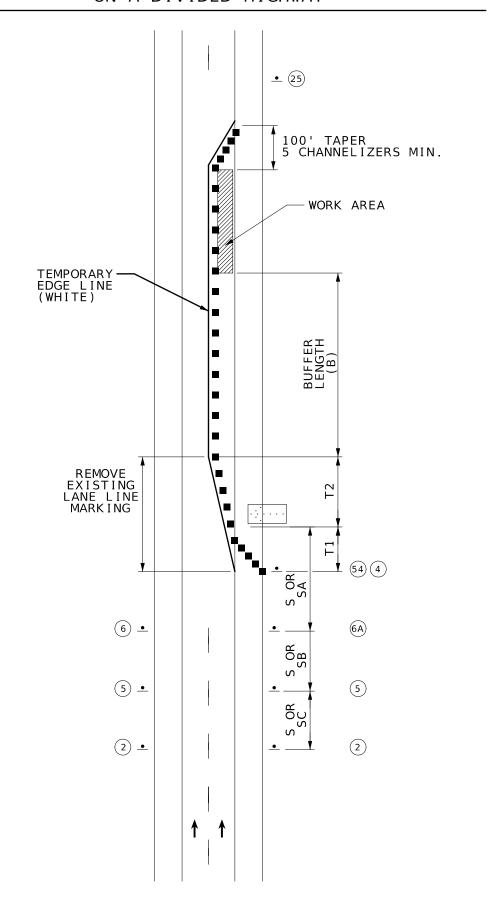
THIS INFORMATION ALSO SHALL BE USED WHEN WORK IS BEING PERFORMED IN THE LANE ADJACENT TO THE MEDIAN ON A DIVIDED HIGHWAY. IN THIS CASE, THE LEFT LANE CLOSED SIGNS AND THE CORRESPONDING MERGE OR LANE ENDS SIGNS SHALL BE SUBSTITUTED.

WHEN A SIDE ROAD INTERSECTS THE HIGHWAY WITHIN THE TTC ZONE, ADDITIONAL TTC DEVICES SHALL BE PLACED AS NEEDED.

AN ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED.WHEN MORE THAN ONE FREEWAY LANE IS CLOSED, A SEPARATE ARROW BOARD SHALL BE USED FOR EACH CLOSED LANE.



# STATIONARY LANE CLOSURE ON A DIVIDED HIGHWAY



SHANNON M.
KELINER
NUMBER
PE-201015783

REVISED: 8/27/2024

THIS SHEET HAS BEEN IGNED, SEALED AND DATE!

1/6/2025

ROUTE STATE
VAR. MO
DISTRICT SHEET NO
SW 8

COUNTY VARIOUS JOB NO. JSRM0075

CONTRACT ID.

PROJECT NO.

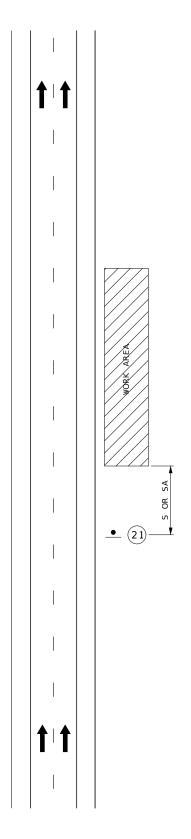
BRIDGE NO.

NOT TO SCALE

TRAFFIC CONTROL SHEET 7 OF 10

REVISED: 4/26/2023

# WORK BEYOND THE SHOULDER (DIVIDED HIGHWAY)



SPEED	SIGN SPACING (FT) (1)
PERMANENT POSTED (MPH)	DIVIDED HIGHWAYS (S)
0-35	200
40 - 45	500
50-55	1000
60-70	SA - 1000 SB - 1500 SC - 2640

## SPACING NOTES:

(1) SPACING BETWEEN SIGNS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS, AS APPROVED BY ENGINEER.



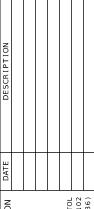


AR. MO
STRICT SHEET NO.
SW 9

COUNTY
VARIOUS
JOB NO.
JSRM0075
CONTRACT ID.

PROJECT NO.

BRIDGE NO.





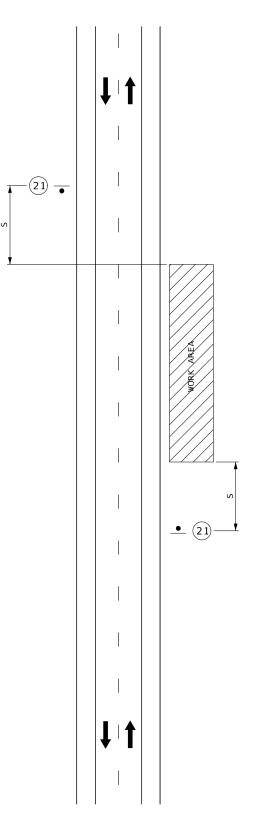
NOT TO SCALE

TRAFFIC CONTROL SHEET 8 OF 10

## REVISED: 5/11/2023

# WORK BEYOND THE SHOULDER

(UNDIVIDED HIGHWAY)



SPEED	SIGN SPACING (FT) (1)
PERMANENT POSTED (MPH)	UNDIVIDED HIGHWAYS (S)
0-35	200
40 - 45	350
50-55	500
60-70	1000

# SPACING NOTES:

(1) SPACING BETWEEN SIGNS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS, AS APPROVED BY ENGINEER.





COUNTY
VARIOUS
JOB NO.
JSRM0075
CONTRACT ID.

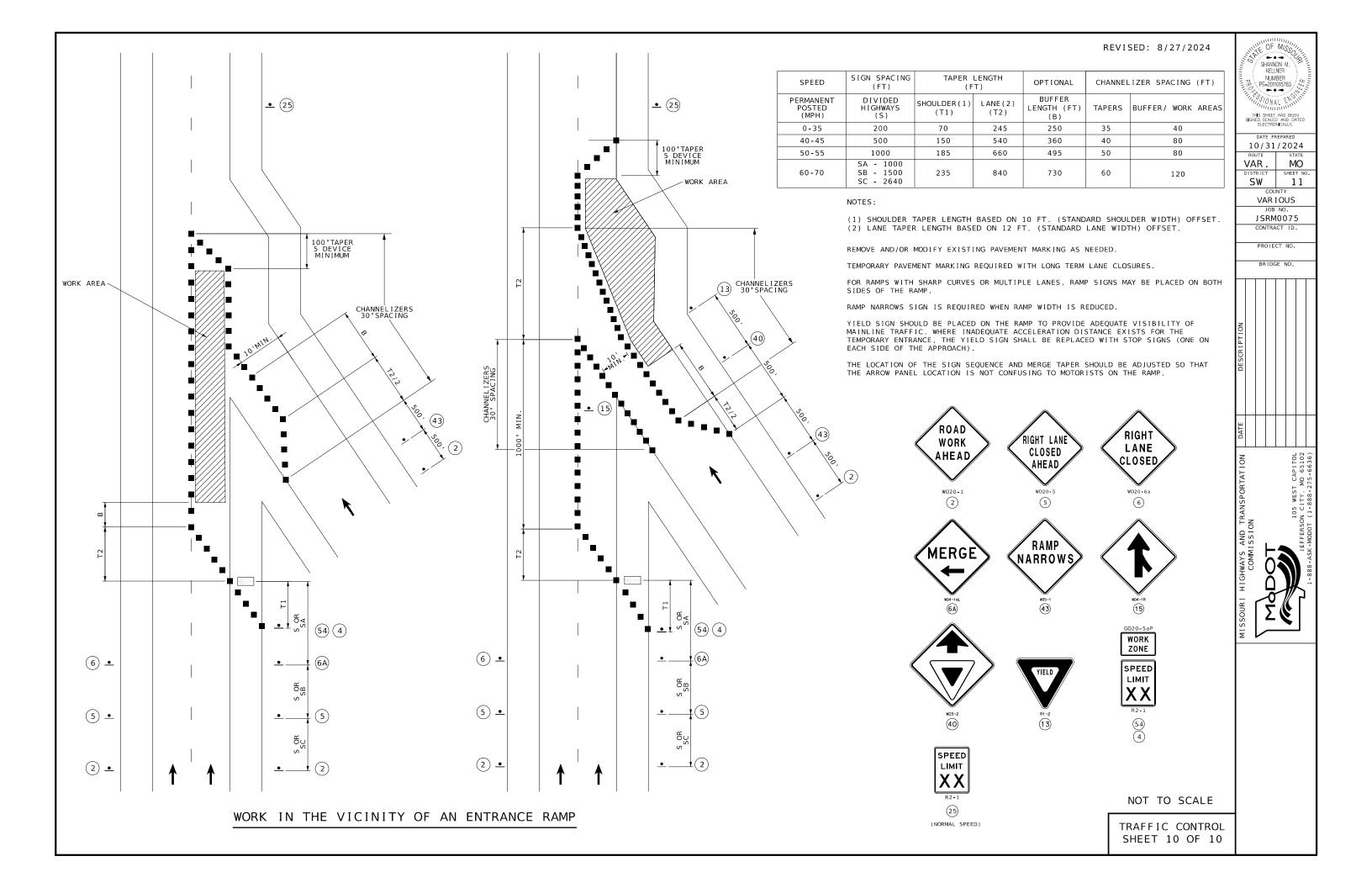
PROJECT NO.

TE DESCRIPTION



NOT TO SCALE

TRAFFIC CONTROL SHEET 9 OF 10



## DESIGN DESIGNATION

A.A.D.T. - 2024 = N/AT = N/AV = N/A

FUNCTIONAL CLASSIFICATION- VARIOUS

NO NEW RIGHT-OF-WAY

## CONVENTIONAL SYMBOLS (USED IN PLANS)

(USED IN FLANS	) /	
	EXISTING	NEW
BUILDINGS AND STRUCTURES GUARD RAIL GUARD CABLE CONCRETE RIGHT-OF-WAY MARKER STEEL RIGHT-OF-WAY MARKER LOCATION SURVEY MARKER UTILITIES	0000	
FIBER OPTICS OVERHEAD CABLE TV UNDERGROUND CABLE TV OVERHEAD TELEPHONE UNDERGROUND TELEPHONE OVERHEAD POWER UNDERGROUND POWER SANITARY SEWER STORM SEWER GAS WATER	-UTV- - OT - - UT - - OE - - UE - - S - - SS - - G - - W -	-0TV -UTV -0T -UT -0E -UE -S
MANHOLE	SAN	)
FIRE HYDRANT	HAD	1
WATER VALVE	wv C	)
WATER METER	wm (	)
DROP INLET	• 🗀	
DITCH BLOCK	=	<b>=</b>
GROUND MOUNTED SIGN	SIGN	_
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL FENCE CHAIN LINK WOVEN WIRE GATE POST	PED V X X	·
BENCHMARK	- ≪	)

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

# MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

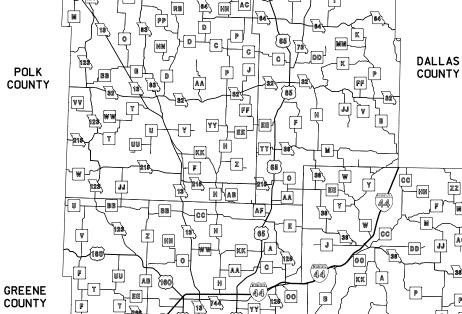
# PLANS FOR PROPOSED STATE HIGHWAY



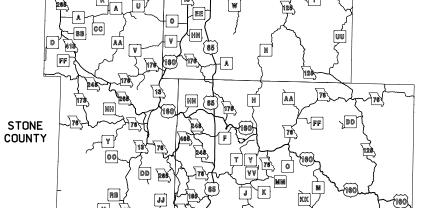




# VARIOUS COUNTIES SIGNAL AND LIGHTING REPAIRS



# CHRISTIAN COUNTY



# NOT TO SCALE

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 PREFIL 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 (TC)	2-11



THIS SHEET SIGNED, SEALEI ELECTRO	AND DATED				
DATE PREPARED					
1/6/2025					
ROUTE	STATE				
VAR.	MO				
DISTRICT	SHEET NO.				
SW	1				
COU	INTY				
	IOUS				
JOB	NO.				
JSUM	10076				
CONTRA	CT ID.				
	CT NO.				
BRIDG	SE NO.				



# LENGTH OF PROJECT

BEGINNING OF PROJECT	N/A
END OF PROJECT	N/A
APPARENT LENGTH	N/A FEE

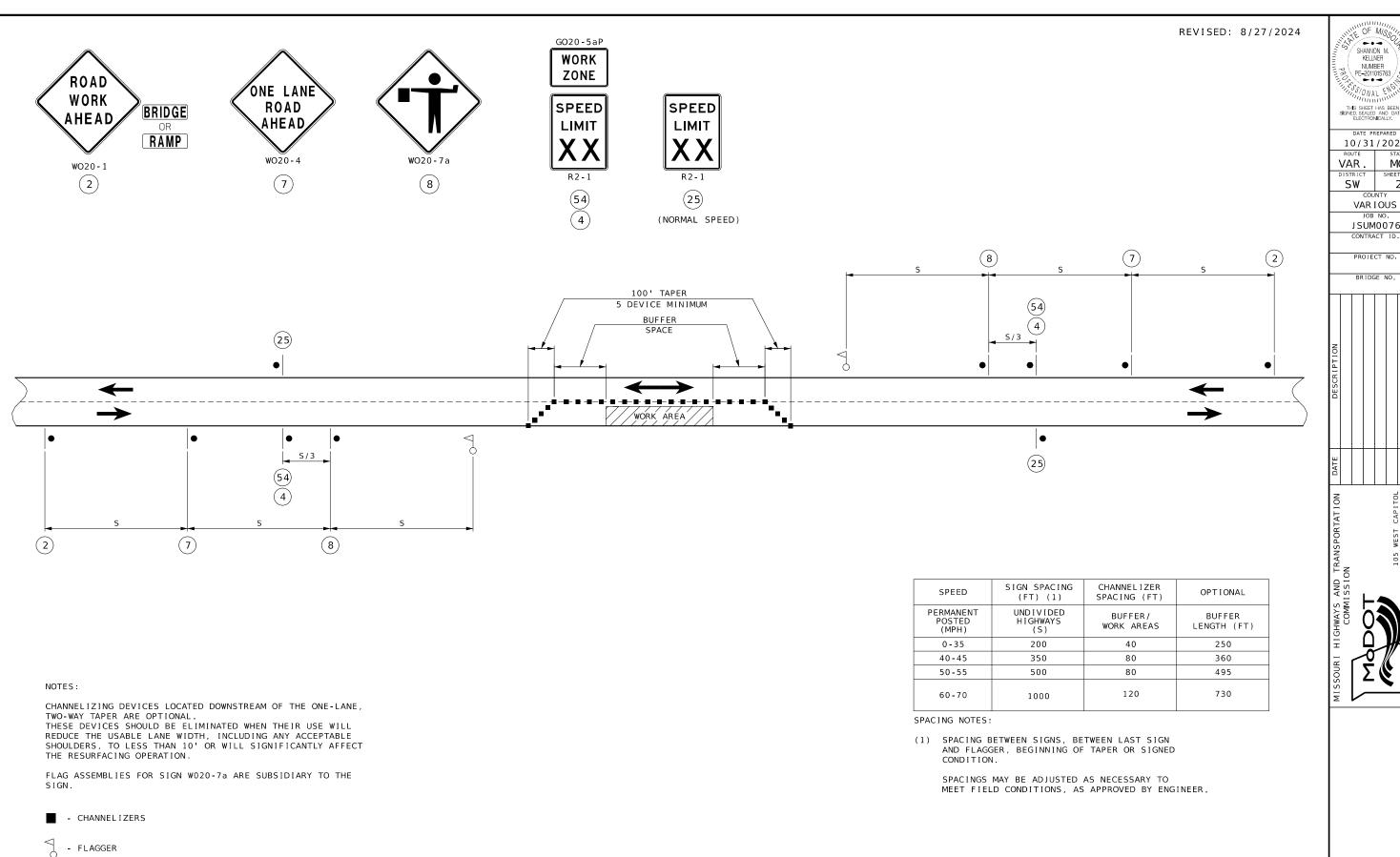
EQUATIONS AND EXCEPTIONS:

WEBSTER COUNTY

TANEY COUNTY



TOTAL CORRECTIONS N/A FEET NET LENGTH OF PROJECT N/A FEET STATE LENGTH N/A MILES



LANE CLOSURE USING FLAGGERS

(UNDIVIDED HIGHWAY)

IF USED AT NIGHT, THE FLAGGER STATIONS SHALL BE ILLUMINATED WITH AN AVERAGE MAINTAINED INTENSITY OF 0.6 FOOTCANDLES (6.5 LUX).

SHANNON M. KELLNER NUMBER PE-2011015763

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

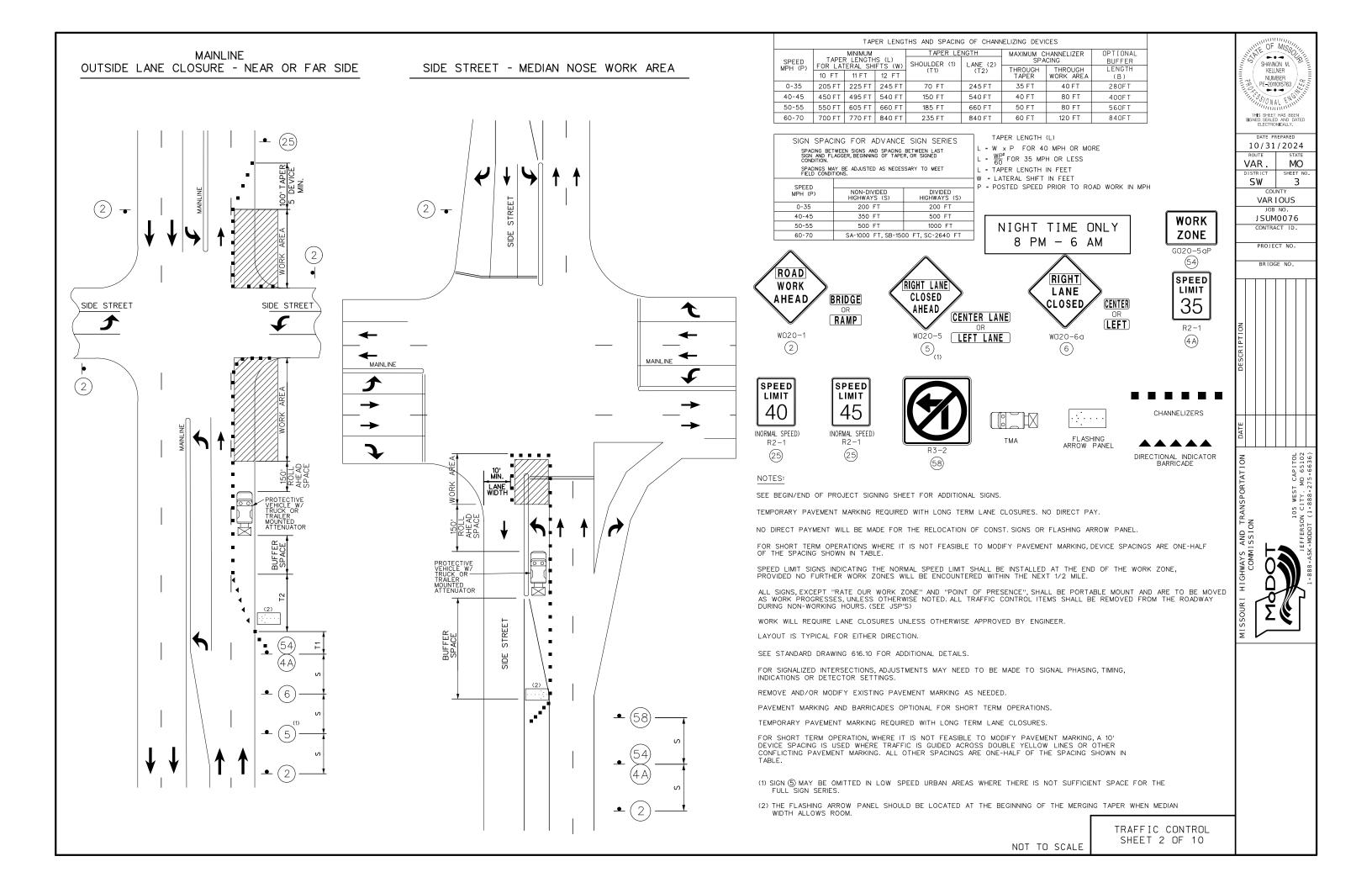
10/31/2024 MO SHEET NO 2

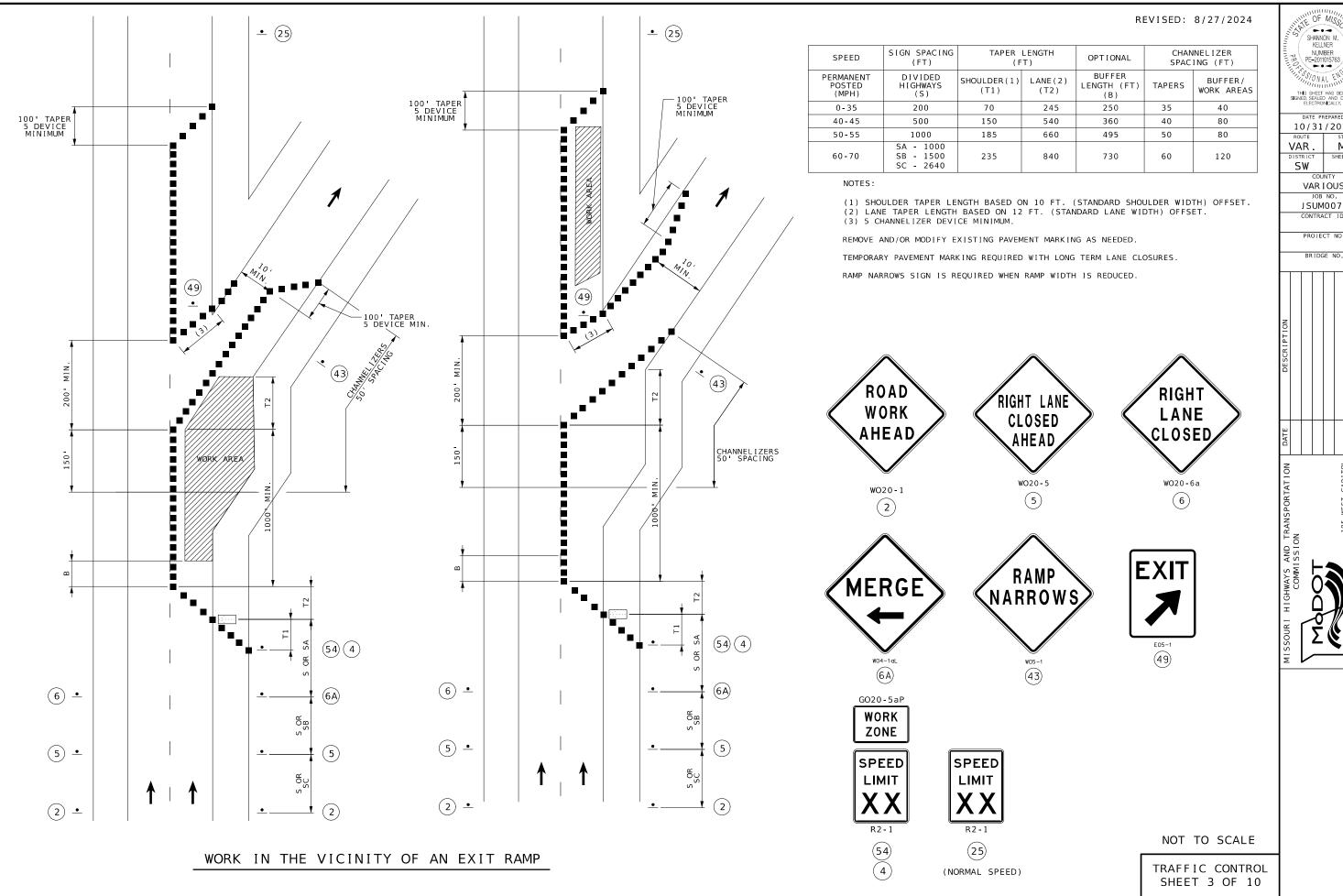
> JSUM0076 CONTRACT ID.

BRIDGE NO.

NOT TO SCALE

TRAFFIC CONTROL SHEET 1 OF 10





SHANNON M. KELLNER NUMBER PE-2011015763 SONAL ENG

10/31/2024 MO SHEET NO 4

VAR I OUS JSUM0076 CONTRACT ID.

PROJECT NO.

REVISED: 8/27/2024

SPEED	SIGN SPACING (FT)		TAPER LENGTH (FT)		OPTIONAL		NELIZER ING (FT)
PERMANENT POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)	SHOULDER(1) (T1)	LANE(2) (T2)	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	200	70	245	250	35	40
40-45	350	500	150	540	360	40	80
50-55	500	1000	185	660	495	50	80
60-70	1000	SA - 1000 SB - 1500 SC - 2640	235	840	730	60	120

### NOTES:

100' TAPER 5 DEVICE MINIMUM

TEMPORARY WHITE LINE

(19)

(54)(4)

(6)

(5)(3)

WORK ON FAR SIDE ONLY

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

FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.

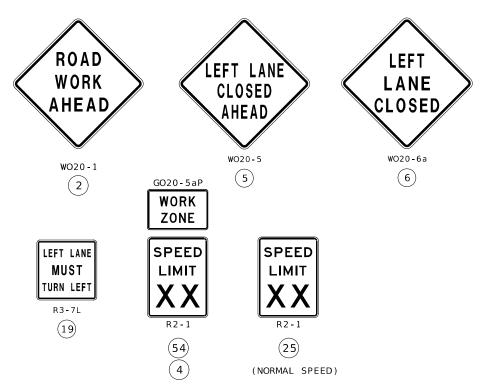
REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

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 SPACINGS ARE ONE-HALF OF THE SPACING.

- (3) LEFT LANE CLOSED AHEAD SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.
- (4) FLASHING ARROW BOARD SHOULD BE LOCATED AT THE BEGINNING OF THE MERGING TAPER WHENMEDIAN WIDTH ALLOWS THIS PLACEMENT.



LEFT LANE CLOSURE AT INTERSECTION

(54)(4)

(5)(3)

WORK ON NEAR OR FAR SIDE

2

(2)

TEMPORARY -PAVEMENT ARROW (OPTIONAL)

TEMPORARY YELLOW LINE

100' TAPER

5 DEVICE MINIMUM

2

(2)

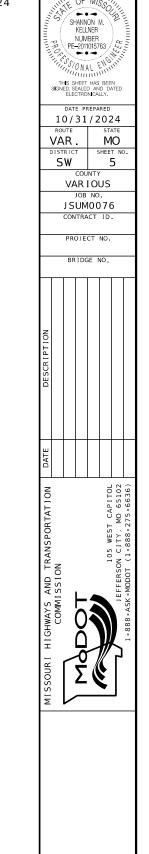
TEMPORARY WHITE LINE

TEMPORARY PAVEMENT ARROW (OPTIONAL)

TEMPORARY YELLOW LINE

NOT TO SCALE

TRAFFIC CONTROL SHEET 4 OF 10

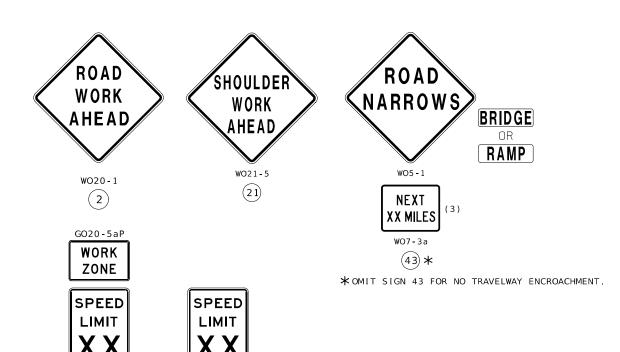


SPEED	SIGN SPACING (FT)	TAPER LENGTH (FT)		OPTIONAL		INELIZER ING (FT)
PERMANENT POSTED (MPH)	DIVIDED HIGHWAYS (S)	SHOULDER(1)	LANE(2) (T2)	BUFFER LENGTH (FT) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	70	245	250	35	40
40-45	500	150	540	360	40	80
50-55	1000	185	660	495	50	80
60-70	SA - 1000 SB - 1500 SC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

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

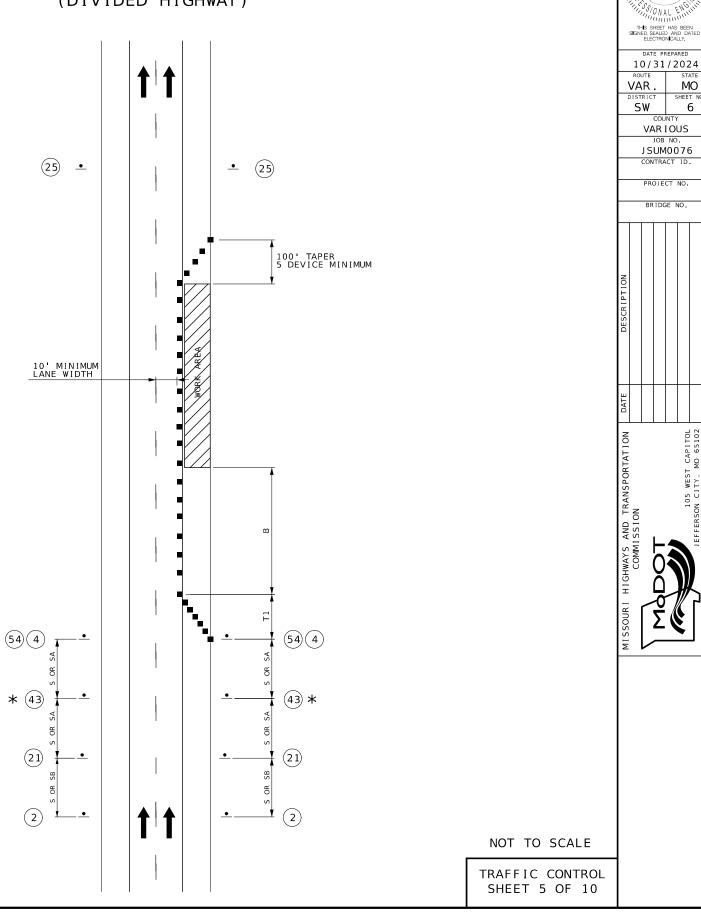
R2-1 (25) (NORMAL SPEED)

(3) NEXT XX MILES SIGN NOT REQUIRED FOR NARROW LANE SECTIONS LESS THAN ONE MILE.



# SHOULDER WORK WITH MINOR TRAVELWAY ENCROACHMENT OR NO ENCROACHMENT

(DIVIDED HIGHWAY)



REVISED: 8/27/2024

SHANNON M.
KELLNER
NUMBER
PE-2011015763

MO

6

SPEED	SIGN SPACING (FT)		LENGTH T)	OPTIONAL		INELIZER ING (FT)
PERMANENT POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	SHOULDER(1)	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

SPEED

LIMIT

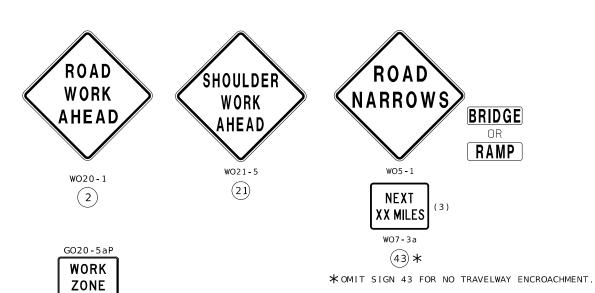
- (1) SHOULDER TAPER LENGTH BASED ON 10 FT. (STANDARD SHOULDER WIDTH) OFFSET.
- (2) LANE TAPER LENGTH BASED ON 12 FT. (STANDARD LANE WIDTH) OFFSET.
  (3) NEXT XX MILES SIGN NOT REQUIRED FOR NARROW LANE SECTIONS LESS THAN ONE MILE.

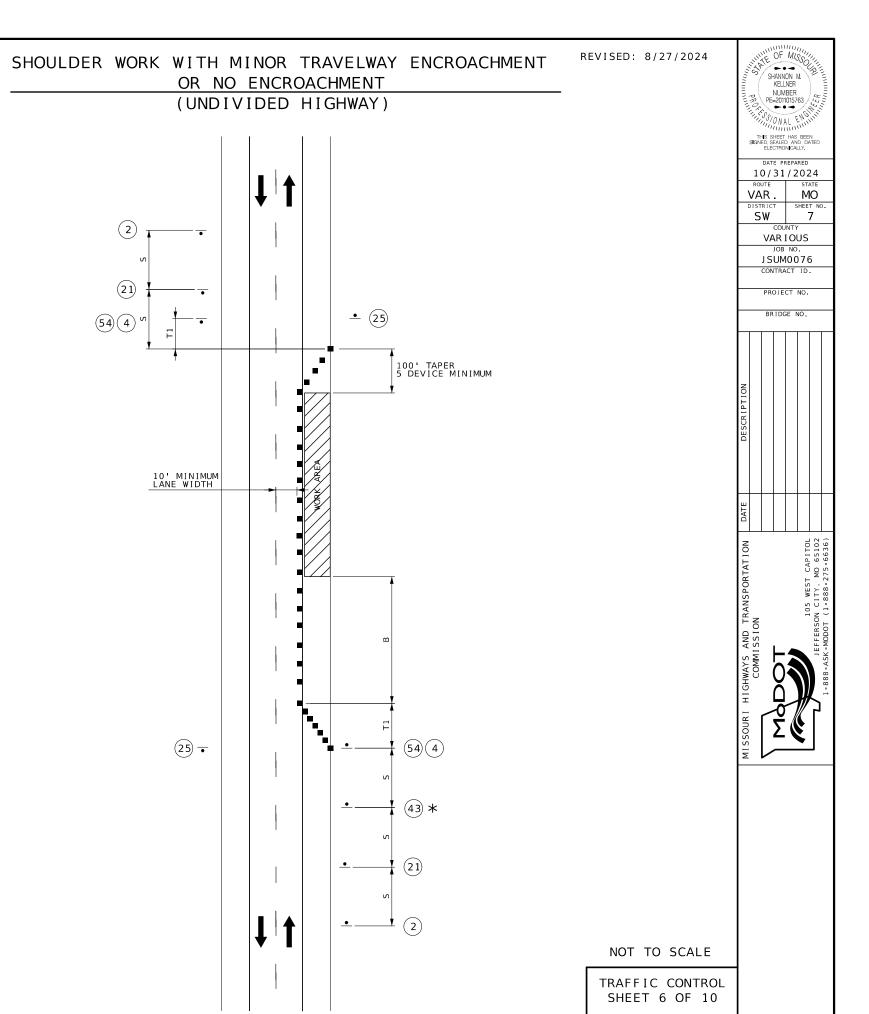
SPEED

LIMIT

R2-1 (25)

(NORMAL SPEED)





SPEED	SIGN SPACING (FT)	TAPER (F	LENGTH T)	OPTIONAL		INELIZER ING (FT)
PERMANENT POSTED (MPH)	DIVIDED HIGHWAYS (S)	SHOULDER(1)	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

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

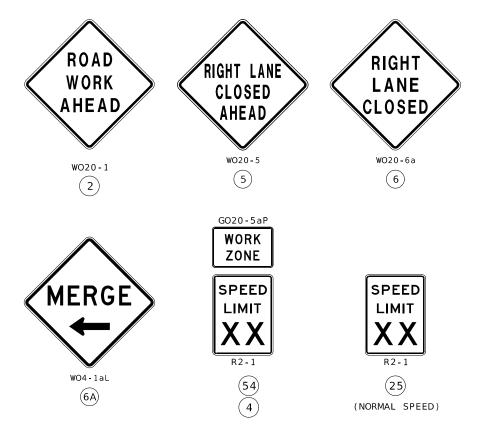
TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES.

REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.

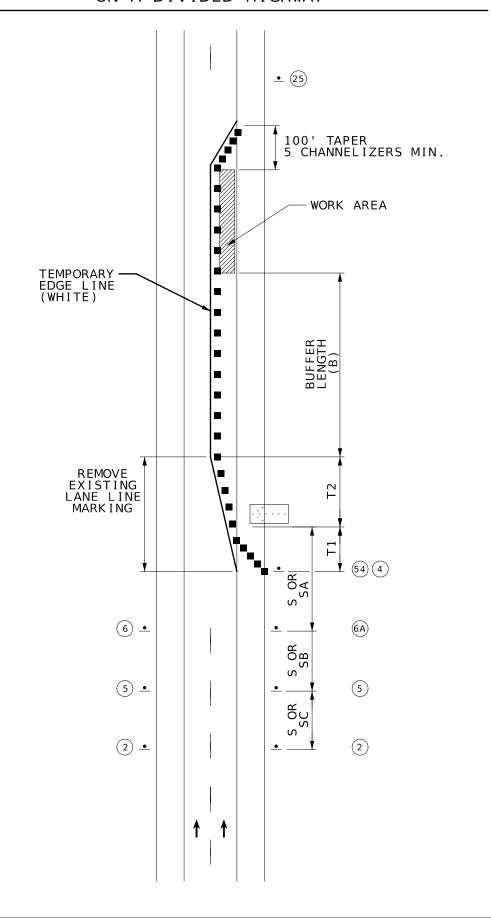
THIS INFORMATION ALSO SHALL BE USED WHEN WORK IS BEING PERFORMED IN THE LANE ADJACENT TO THE MEDIAN ON A DIVIDED HIGHWAY. IN THIS CASE, THE LEFT LANE CLOSED SIGNS AND THE CORRESPONDING MERGE OR LANE ENDS SIGNS SHALL BE SUBSTITUTED.

WHEN A SIDE ROAD INTERSECTS THE HIGHWAY WITHIN THE TTC ZONE, ADDITIONAL TTC DEVICES SHALL BE PLACED AS NEEDED.

AN ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED.WHEN MORE THAN ONE FREEWAY LANE IS CLOSED, A SEPARATE ARROW BOARD SHALL BE USED FOR EACH CLOSED LANE.



# STATIONARY LANE CLOSURE ON A DIVIDED HIGHWAY



SHANNON M.
KELLIMBER
PE-2011015763

REVISED: 8/27/2024

THIS SHEET HAS BEEN GNED, SEALED AND DATE

TO ATTE PREPARED

10/31/2024

ROUTE STATE

VAR. MO

DISTRICT SHEET NO.

SW 8

JOB NO.
JSUMO 076
CONTRACT ID.

PROJECT NO.

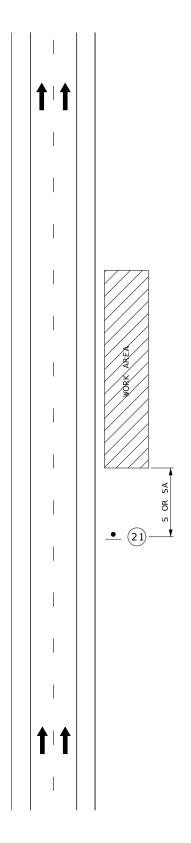
BRIDGE NO.

NOT TO SCALE

TRAFFIC CONTROL SHEET 7 OF 10

REVISED: 4/26/2023

# WORK BEYOND THE SHOULDER (DIVIDED HIGHWAY)

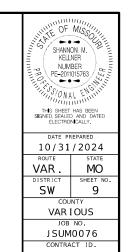


SPEED	SIGN SPACING (FT) (1)
PERMANENT POSTED (MPH)	DIVIDED HIGHWAYS (S)
0-35	200
40 - 45	500
50-55	1000
60-70	SA - 1000 SB - 1500 SC - 2640

## SPACING NOTES:

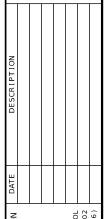
(1) SPACING BETWEEN SIGNS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS, AS APPROVED BY ENGINEER.





PROJECT NO.

BRIDGE NO.





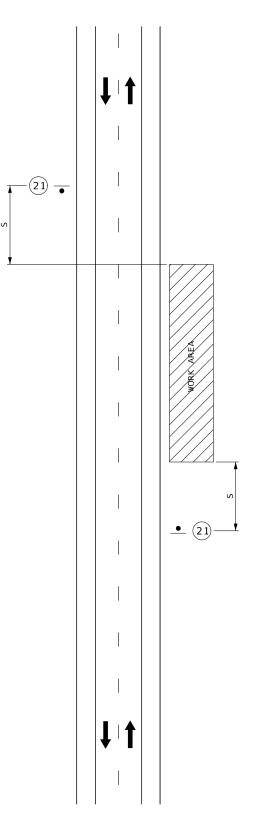
NOT TO SCALE

TRAFFIC CONTROL SHEET 8 OF 10

## REVISED: 5/11/2023

# WORK BEYOND THE SHOULDER

(UNDIVIDED HIGHWAY)



	SPEED	SIGN SPACING (FT) (1)
	PERMANENT POSTED (MPH)	UNDIVIDED HIGHWAYS (S)
	0-35	200
	40 - 45	350
	50-55	500
	60-70	1000

# SPACING NOTES:

(1) SPACING BETWEEN SIGNS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS, AS APPROVED BY ENGINEER.





COUNTY VAR I OUS JOB NO. J SUMO 0 7 6 CONTRACT ID.

PROJECT NO.

TE DESCRIPTION



NOT TO SCALE

TRAFFIC CONTROL SHEET 9 OF 10

