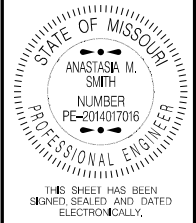


MOBILIZATION
1 LUMP SUM



DATE PREPARED
10/25/2024
ROUTE STATE
VAR MO
DISTRICT SHEET NO.
SL 2
COUNTY
VARIOUS
JOB NO.
JSL0210
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

BITUMINOUS CRACK FILLING - BID QUANTITIES

ROADWAY	TW ID	COUNTY	DIRECTION	SECTION	START LM	END LM	THRU BITUMINOUS PAVEMENT CRACK FILLING (LF)	AUX BITUMINOUS PAVEMENT CRACK FILLING (LF)	TOTAL BITUMINOUS PAVEMENT CRACK FILLING (LF)	REMARKS
I-44	10	FRANKLIN	WB	MO-100 TO FRANKLIN COUNTY LINE	258.194	252.016	221232	3379	224611	EXCEPT ALL BRIDGES; EXCEPT CENTER JOINT IN ASPHALT LOG MILE: 37.450 TO 36.642; ASSUMED TRANSVERSE CRACKS EVERY 15 FT
I-44	9	FRANKLIN	EB	FRANKLIN COUNTY LINE TO MO-100	252.016	258.194	221232	5333	226565	EXCEPT ALL BRIDGES; EXCEPT CENTER JOINT IN APHALT LOG MILE: 255.651 TO 256.454; ASSUMED TRANSVERSE CRACKS EVERY 15FT
Route C	7662/7663	FRANKLIN	SB/NB	MO-100 TO US-59	0.000	14.384	79861	0	79861	EXCEPT ALL BRIDGES; ASSUMED 5.2% TRANSVERSE CRACKS
Route VV	6963/6964	FRANKLIN	SB/NB	MO-100 TO ROUTE E	0.000	4.496	24728	0	24728	EXCEPT ALL BRIDGES; ASSUMED 4.2% TRANSVERSE CRACKS
Route Y	6967/6968	FRANKLIN	SB/NB	ROUTE E TO US-50	0.000	14.788	82397	0	82397	EXCEPT ALL BRIDGE; ASSUMEND 15% TRANSVERSE CRACKS
I-70	19	STL CITY, STL COUNTY, ST. CHARLES	EB	ROUTE 94 TO UNION BOULEVARD	228.370	244.370	280626	12583	293209	EXCEPT NEW PAVEMENT LOG MILE: 234.869 TO 239.337; EXCEPT ALL BRIDGES; EXCEPT PAVEMENT BETWEEN BRIDGES A3750 AND A3753 LOG MILE: 232.687 to 232.817; ASSUMED 15FT TRANSVERSE CRACKS THROUGHOUT ROUTE
I-70	3506	STL CITY, STL COUNTY, ST. CHARLES	WB	UNION BOULEVARD TO ROUTE 94	244.370	228.370	280176	12583	280176	EXCEPT NEW PAVEMENT LOG MILE 15.422 TO 10.797; EXCEPT ALL BRIDGES; EXCEPT PAVEMENT BETWEEN BRIDGES A3749 and A3752 LOG MILE: 17.30 TO 17.42; ASSUMED 15FT TRANSVERSE CRACKS THROUGHOUT ROUTE
I-270	6136	ST. LOUIS	SB	I-70 TO ROUTE D (PAGE AVENUE)	16.822	20.308	91158	2478	93636	EXCEPT ALL BRIDGES; ASSUMED 30FT TRANSVERSE CRACKS ON SHOULDERS THROUGHOUT ROUTE
I-270	6135	ST. LOUIS	NB	ROUTE D (PAGE AVENUE) TO I-70	20.308	16.822	91197	2310	93507	EXCEPT ALL BRIDGES; ASSUMED 30FT TRANSVERSE CRACKS ON SHOULDERS THROUGHOUT ROUTE
							SUBTOTAL	1398690		
							PAY TOTAL	1398690		

BITUMINOUS CRACK FILLING - VARIABLE SCOPE

ROADWAY	TW ID	COUNTY	DIRECTION	SECTION	START LM	END LM	THRU BITUMINOUS PAVEMENT CRACK FILLING (LF)	AUX BITUMINOUS PAVEMENT CRACK FILLING (LF)	TOTAL BITUMINOUS PAVEMENT CRACK FILLING (LF)	REMARKS
MO-47	50/51	FRANKLIN	SB/NB	MO-100 TO I-44	57.836	70.577	379157	1358	380515	EXCEPT ALL BRIDGES; ASSUMED 15FT TRANSVERSE CRACKS THROUGHOUT ROUTE
							SUBTOTAL	380515		

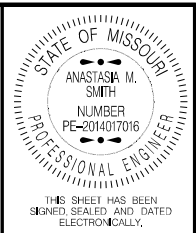
NOTES

- 1) THESE QUANTITIES INCLUDE ALL EXISTING LONGITUDINAL JOINTS. INCLUDING BOTH SHOULDERS UNLESS NOTED
- 2) THRU BITUMINOUS PAVEMENT CRACK FILLING INCLUDES TRANSVERSE JOINTS ON CONTINUOUS THROUGH LANES
- 3) CONCRETE SHOULDER, IF PRESENT, SHALL BE CRACK FILLED.
- 4) AUXILIARY LANES, IF PRESENT, SHALL BE CRACK FILLED.
- 5) AUXILIARY LANES INCLUDE ALL ENTRANCE RAMP, EXIT RAMP, TURN LANES, ADDITIONAL LANES. AUXILIARY LANES BEGIN AT THE GORE OR LANE START AND END AT THE GORE OR LANE TERMINATION
- 6) STRUCTURES, UNLESS NOTED OTHERWISE, SHALL NOT BE CRACK FILLED

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

SUMMARY OF QUANTITIES SHEET 1 OF 2



DATE PREPARED
10/25/2024

ROUTE STATE
VAR MO

DISTRICT SHEET NO.
SL 3

COUNTY
VARIOUS

JOB NO.
JSL0210

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

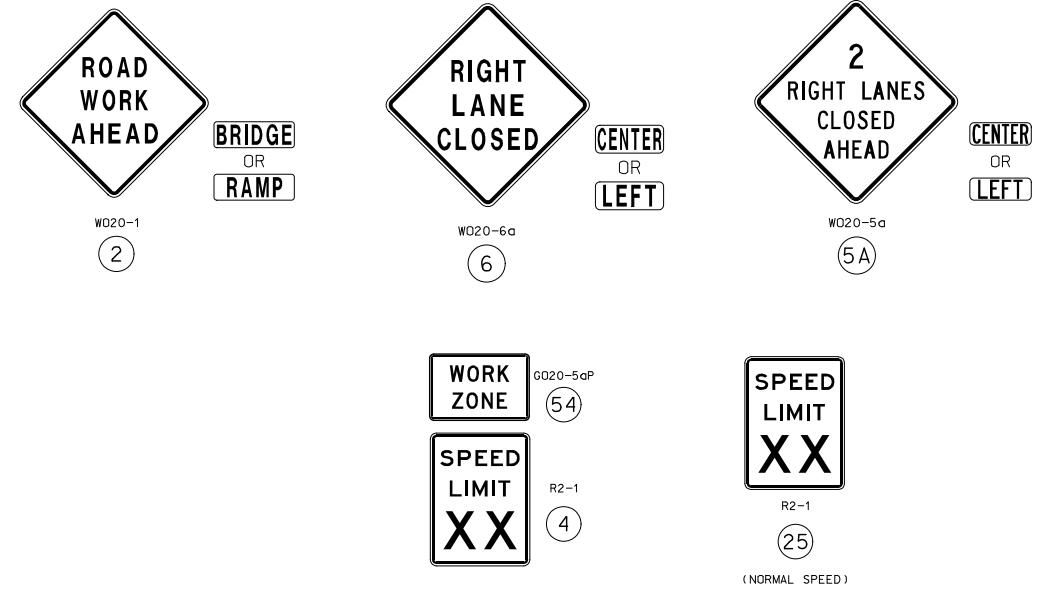
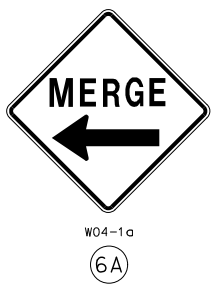
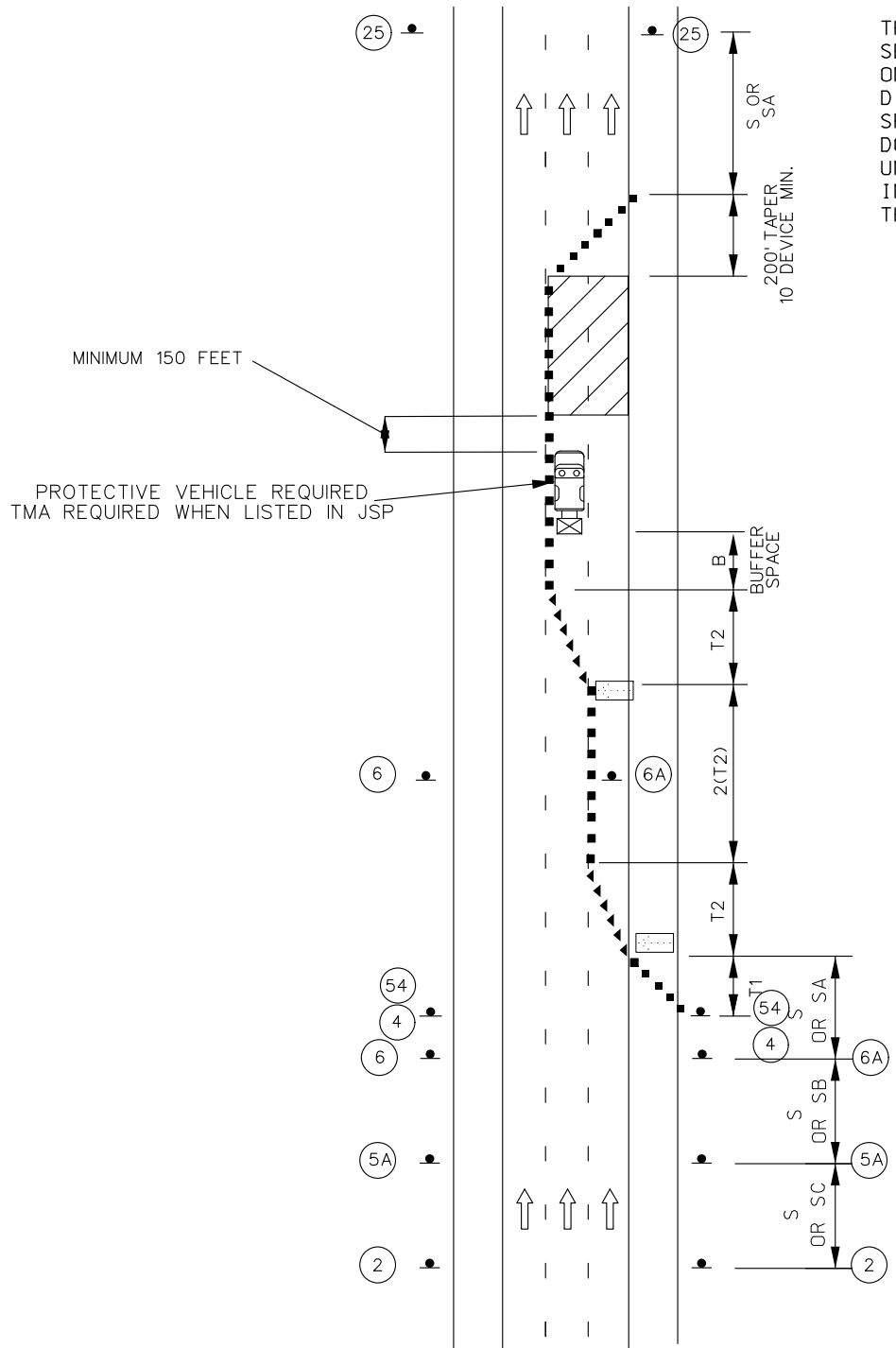
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL SHEET
DOUBLE LANE CLOSURE
SHEET 1 OF 11

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TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- ◀ DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- ▨ WORK AREA
- ◻ FLASHING ARROW PANEL

NOTES:

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

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

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

ALTERNATIVE TEMPORARY TRAFFIC CONTROL SET-UPS SHOULD BE CONSIDERED WHEN REDUCTION IN CAPACITY CANNOT BE TOLERATED.

FOR NIGHTTIME OPERATIONS, REVIEW EPG 616.6.83 WARNING LIGHTS FOR USE OF SEQUENTIAL LIGHTS.

FOR FLAGS AND ADVANCE WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

REVIEW EPG 616.6.63 CHANNELIZING DEVICES FOR DIFFERENT TYPES AND GUIDELINES FOR THE DEVICES.

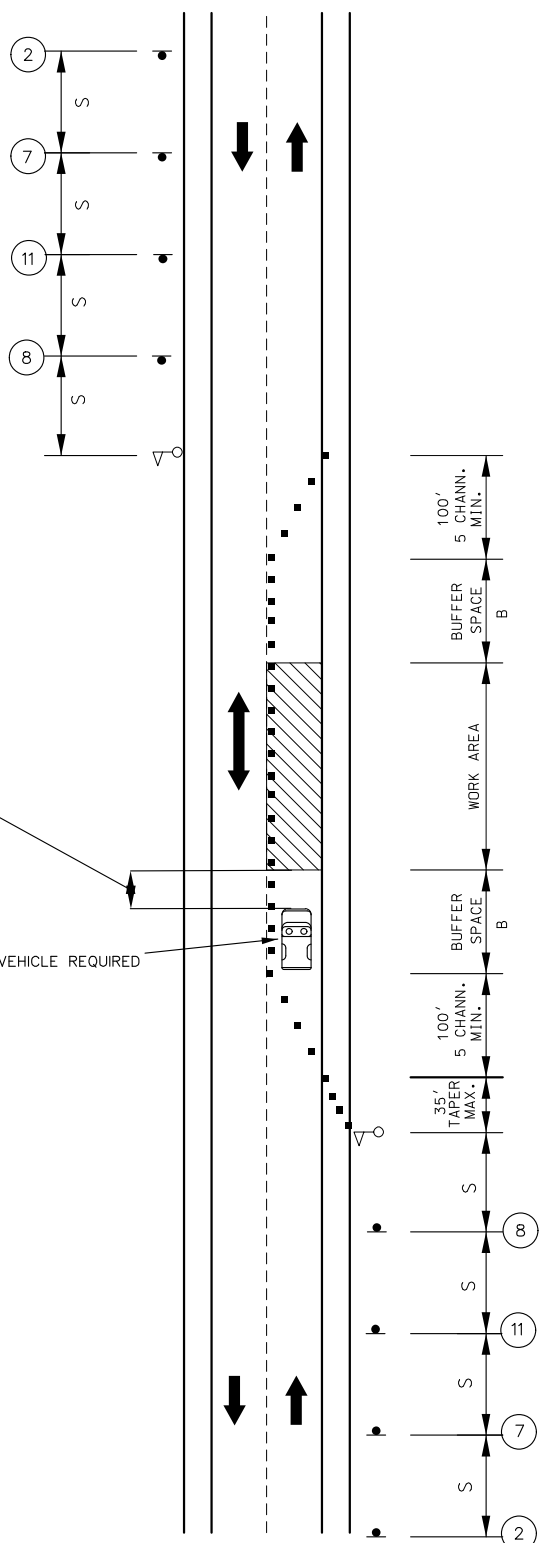
A FLASHING ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED. WHEN MORE THAN ONE FREEWAY LANE IS CLOSED, A SEPARATE FLASHING ARROW BOARD SHALL BE USED FOR EACH CLOSED LANE.

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL BUFFER LENGTH (ft) (B)	CHANNELIZER SPACING (ft.)	
	UN-DIVIDED (S)	DIVIDED (S)	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

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

DOUBLE LANE CLOSURE
ON A DIVIDED HIGHWAY

NOT TO SCALE

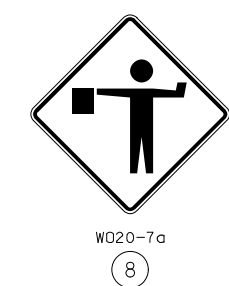


LANE CLOSURE ON TWO-LANE ROAD USING FLAGGERS

NOT TO SCALE

TRAFFIC CONTROL LEGEND

- ▲ SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- ▨ WORK AREA
- FLAGGER



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NOTES:

AUTOMATED FLAGGER ASSISTANCE DEVICES (AFAD) AND PORTABLE SIGNAL FLAGGING DEVICES (PSFD) MAY BE USED AS AN ALTERNATIVE FLAGGING OPERATION.

AFAD AND PSFD TYPICAL APPLICATIONS AND CRITERIA ARE LOCATED AT THE FOLLOWING: EPG 616.8.10A LANE CLOSURE ON TWO-LANE HIGHWAYS USING AUTOMATED FLAGGER ASSISTANCE DEVICE WITH RED AND AMBER SIGNAL SYSTEM & EPG 616.8.10C LANE CLOSURE ON TWO-LANE HIGHWAYS USING PORTABLE SIGNAL FLAGGING DEVICE.

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

IF RUMBLE STRIPS ARE USED, REVIEW 616.6.87 RUMBLE STRIPS.

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

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL BUFFER LENGTH (ft.) (B)	CHANNELIZER SPACING (ft.)	
	UN -DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)		TAPERS	BUFFER/ WORK AREAS
0-35	200	-	-	-	250	-	40
40-45	350	-	-	-	360	-	80
50-55	500	-	-	-	495	-	80
60-70	1000	-	-	-	730	-	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.

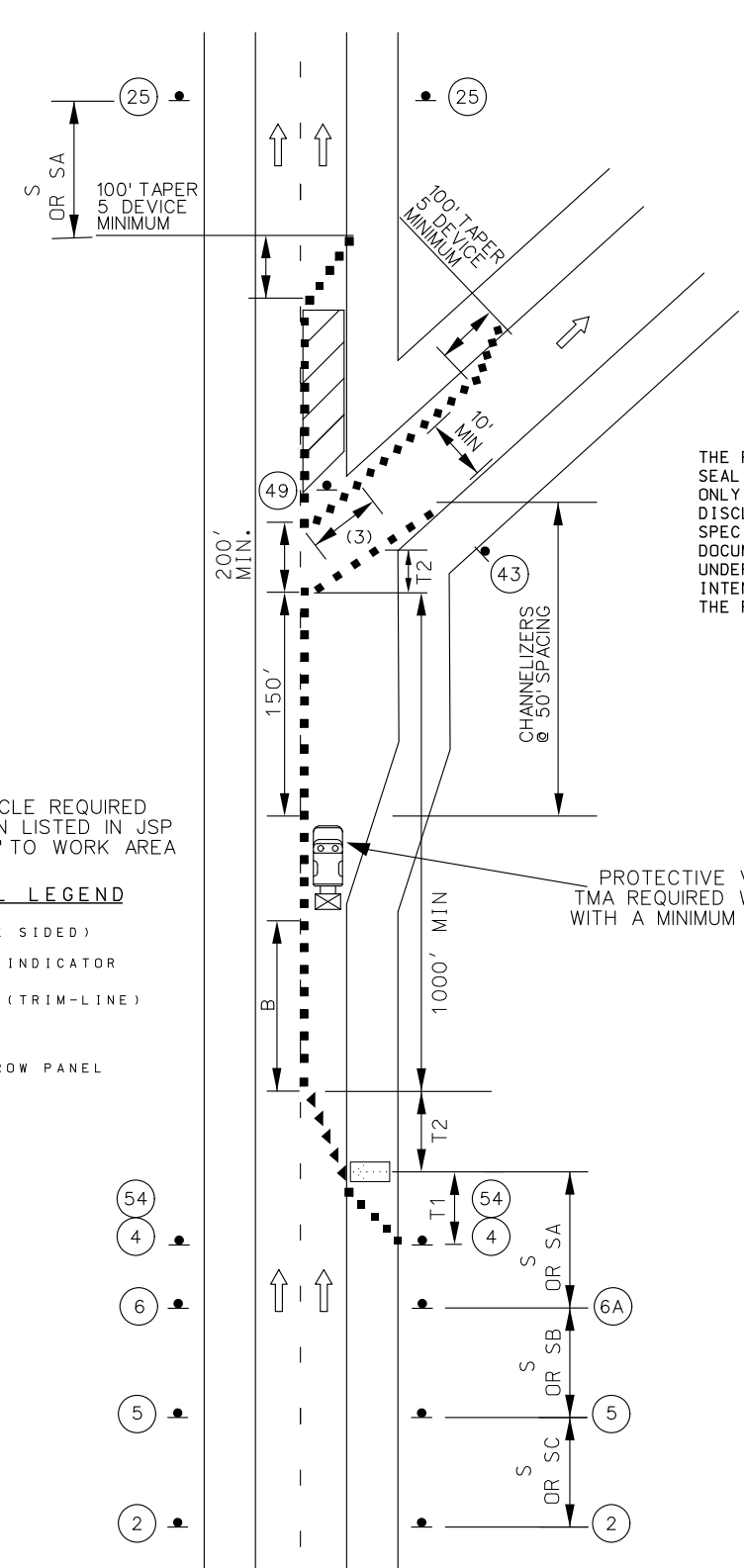
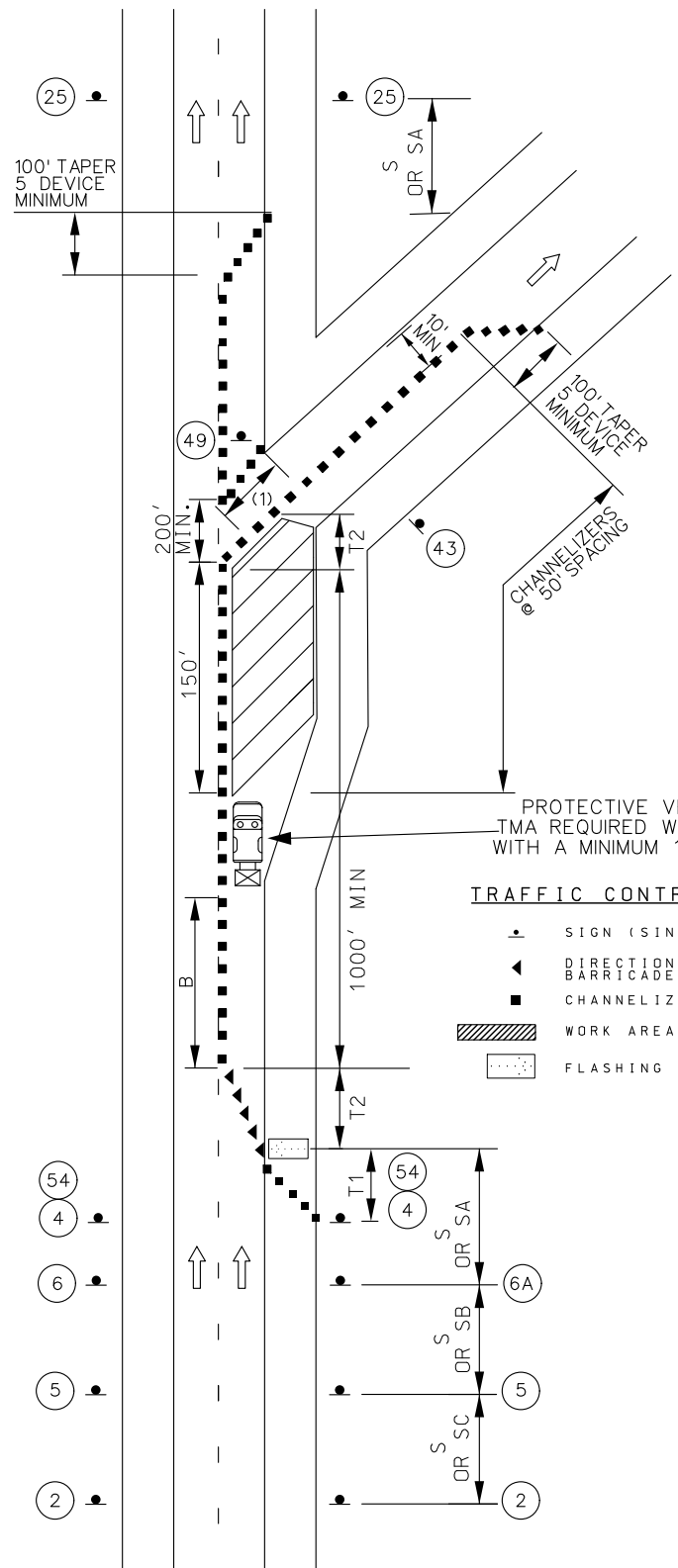
STATE OF MISSOURI
ANASTASIA M. SMITH
NUMBER PE-2014017016
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 10/25/2024
ROUTE: VAR STATE: MO
DISTRICT: SL SHEET NO.: 4
COUNTY: VARIOUS
JOB NO.: JSL0210
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION: [Blank]
DATE: [Blank]

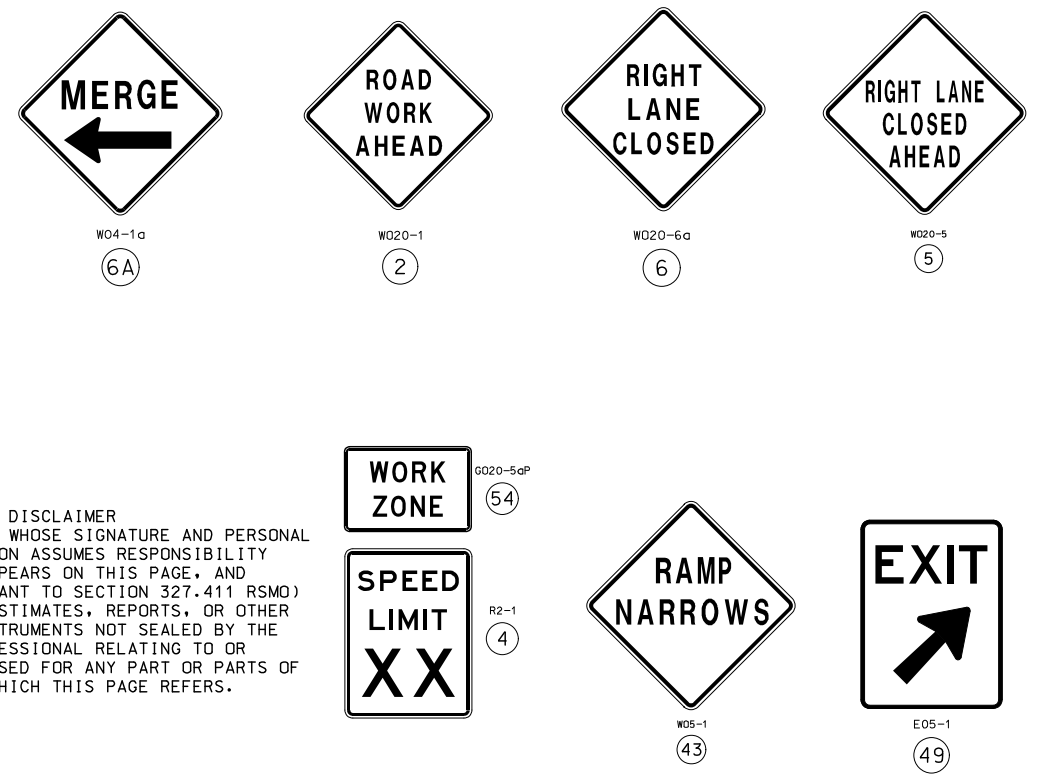
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

NOT TO SCALE



- TRAFFIC CONTROL LEGEND**
- SIGN (SINGLE SIDED)
 - ◀ DIRECTIONAL INDICATOR BARRICADE
 - CHANNELIZER (TRIM-LINE)
 - ▨ WORK AREA
 - ◻ FLASHING ARROW PANEL

WORK IN THE VICINITY OF AN EXIT RAMP



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- NOTES:**
- SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.
 - REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.
 - TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
 - RAMP NARROWS SIGN IS REQUIRED WHEN RAMP WIDTH IS REDUCED
 - (3) 5 CHANNELIZER DEVICES MINIMUM
 - IF RUMBLE STRIPS ARE USED, REVIEW EPG 616.6.87 RUMBLE STRIPS.
 - FOR NIGHTTIME OPERATIONS, REVIEW EPG 616.6.83 WARNING LIGHTS FOR USE OF SEQUENTIAL LIGHTS.
 - FOR FLAGS AND ADVANCE WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.
 - REVIEW EPG 616.6.63 CHANNELIZING DEVICES FOR DIFFERENT TYPES AND GUIDELINES FOR THE DEVICES.



SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL BUFFER LENGTH (ft.) (B)	CHANNELIZER SPACING (ft.)	
	UN -DIVIDED (S)	DIVIDED (S)	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

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

STATE OF MISSOURI
 ANASTASIA M. SMITH
 NUMBER PE-2014017016
 PROFESSIONAL ENGINEER
 THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 10/25/2024

ROUTE: VAR STATE: MO
 DISTRICT: SL SHEET NO.: 6
 COUNTY: VARIOUS
 JOB NO.: JSL0210
 CONTRACT ID.:
 PROJECT NO.:
 BRIDGE NO.:

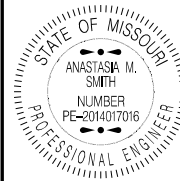
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL SHEET
 WORK IN THE VICINITY OF AN EXIT RAMP
 SHEET 4 OF 11



DATE PREPARED
10/25/2024

ROUTE STATE
VAR MO

DISTRICT SHEET NO.
SL 7

COUNTY
VARIOUS

JOB NO.
JSL0210

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

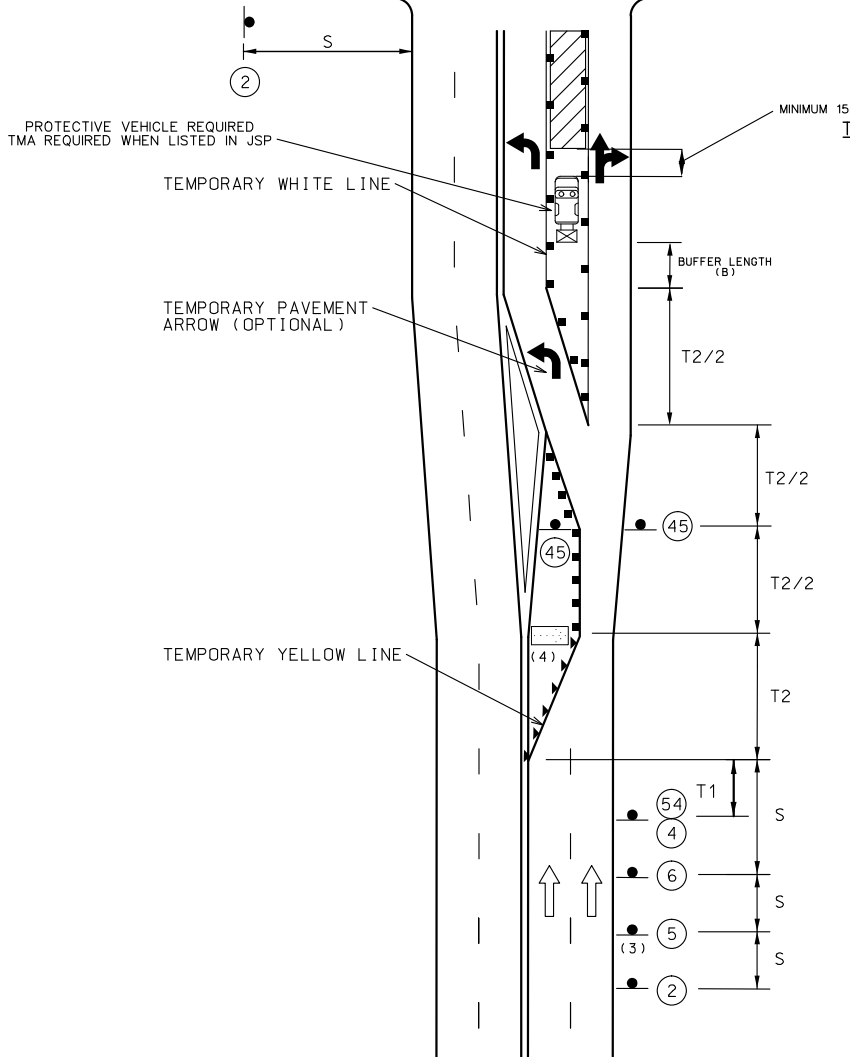
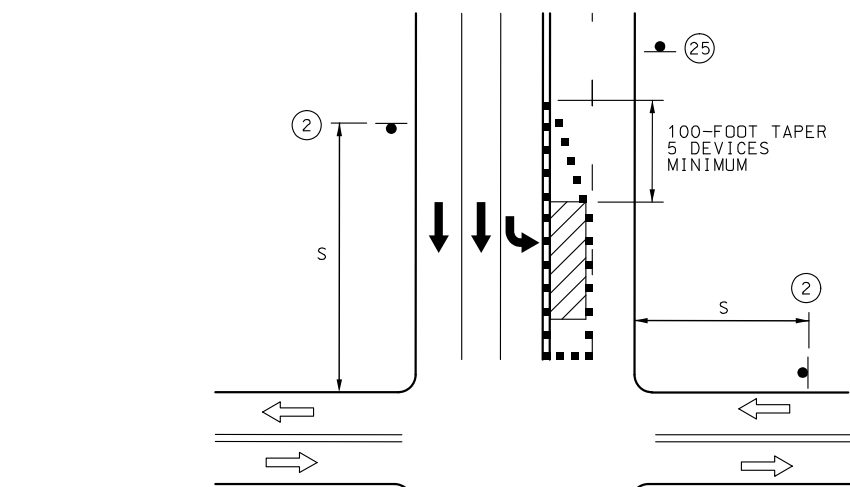
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TRAFFIC CONTROL SHEET
LEFT LANE CLOSURE AT INTERSECTION
WORK ON NEAR OR FAR SIDE
SHEET 5 OF 11

SPEED PERM. POSTED (MPH)	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL BUFFER LENGTH (ft) (B)	CHANNELIZER SPACING (ft.)	
	UN-DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)		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

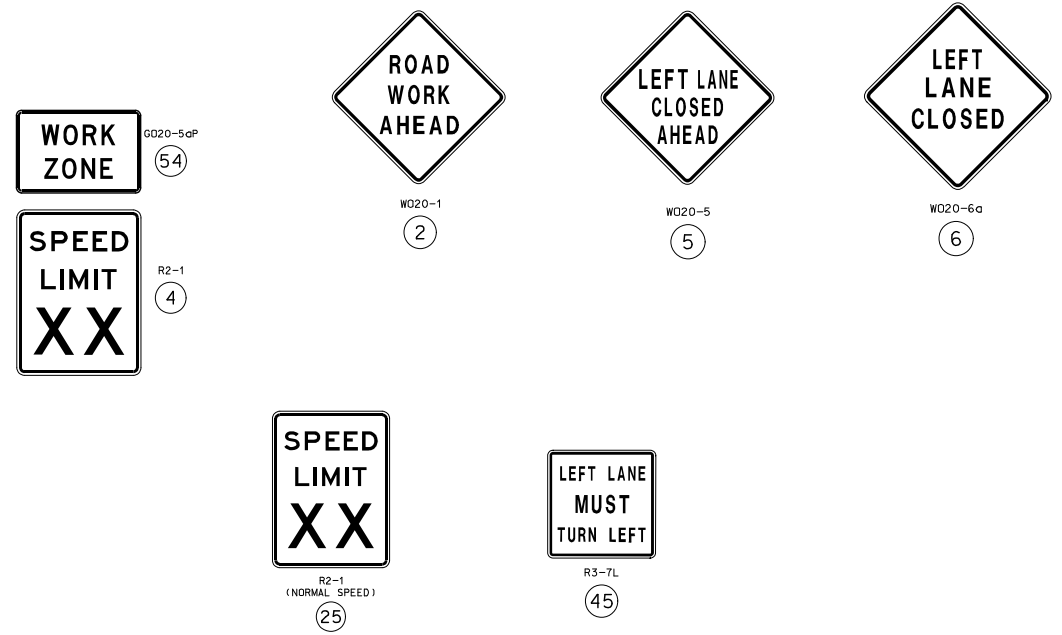
1 Shoulder taper length based on 10 ft. (standard shoulder width) offset.
2. Lane taper length based on 12 ft. (standard lane width) offset.

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TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- ▼ DIRECTIONAL INDICATOR BARRICADES (DIBS)
- ▨ WORK AREA
- ◻ FLASHING ARROW PANEL



NOTES:

- SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.
- REVIEW TYPICAL APPLICATION 616.8.23a (TA-23a) LEFT LANE CLOSURE AT INTERSECTION WORK ON FAR SIDE ONLY- DE/CM
- 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-FOOT 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.
- 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.
- (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) THE FLASHING ARROW BOARD SHOULD BE LOCATED AT THE BEGINNING OF THE MERGING TAPER WHEN MEDIAN WIDTH ALLOWS THIS PLACEMENT.

LEFT LANE CLOSURE AT INTERSECTION
WORK ON NEAR OR FAR SIDE

NOT TO SCALE



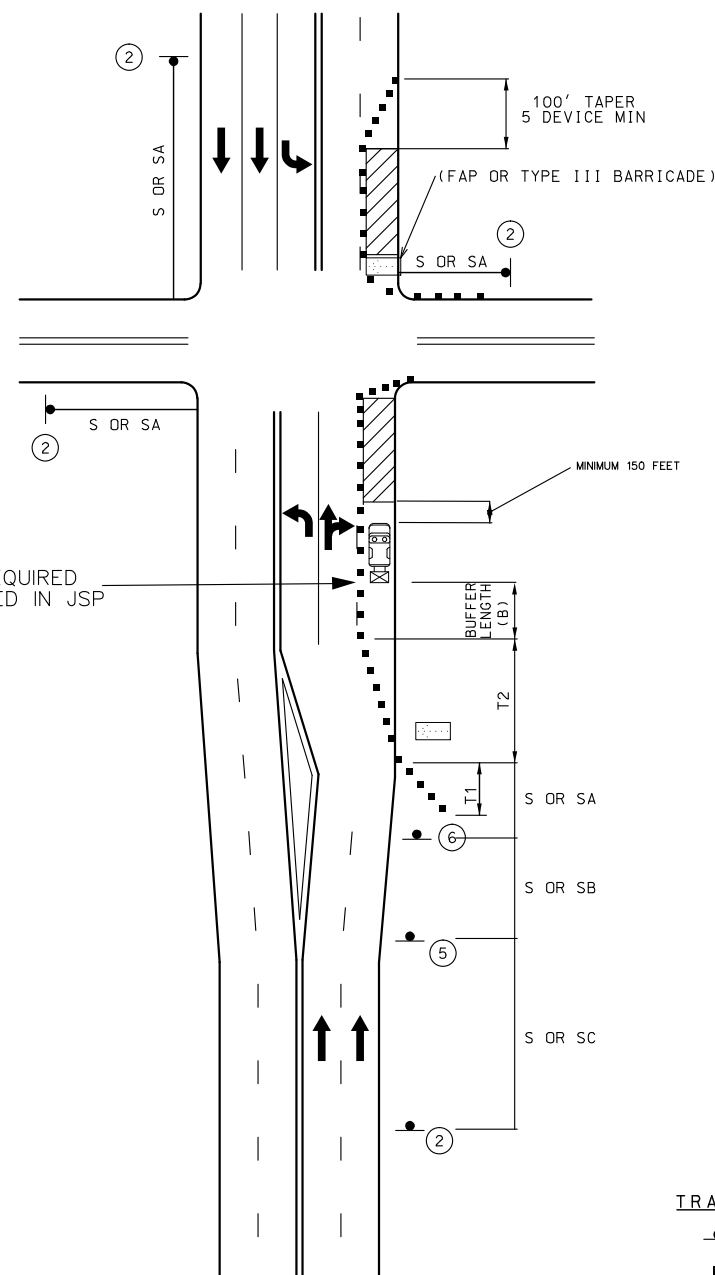
THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
10/25/2024
ROUTE STATE
VAR MO
DISTRICT SHEET NO.
SL 8
COUNTY
VARIOUS
JOB NO.
JSL0210
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)

TRAFFIC CONTROL SHEET
RIGHT LANE CLOSURE AT INTERSECTION
WORK ON NEAR OR FAR SIDE
SHEET 6 OF 11



W020-1
②



W020-5
⑤



W020-6a
⑥



NOTES:

- SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.
- REVIEW TYPICAL APPLICATION 616.8.22a (TA-22a) LANE CLOSURE OF RIGHT LANE ON FAR SIDE OF INTERSECTION.
- 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-FOOT 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.

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL BUFFER LENGTH (ft.) (B)	CHANNELIZER SPACING (ft.)	
	UN-DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)		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

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

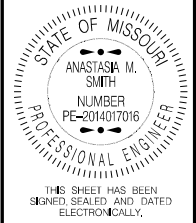
TRAFFIC CONTROL LEGEND

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

RIGHT LANE CLOSURE AT INTERSECTION
WORK ON NEAR OR FAR SIDE

NOT TO SCALE

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DATE PREPARED
10/25/2024

ROUTE STATE
VAR MO

DISTRICT SHEET NO.
SL 9

COUNTY
VARIOUS

JOB NO.
JSL0210

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

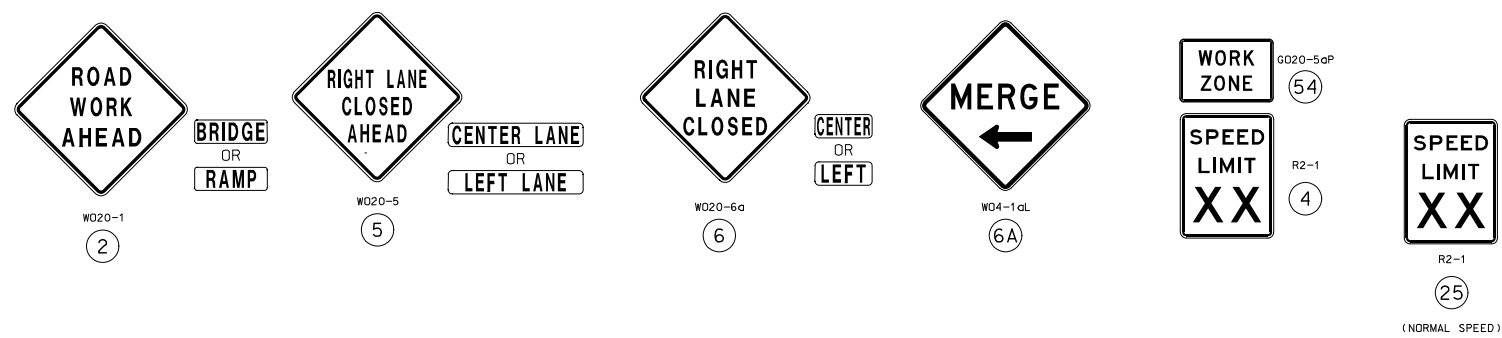
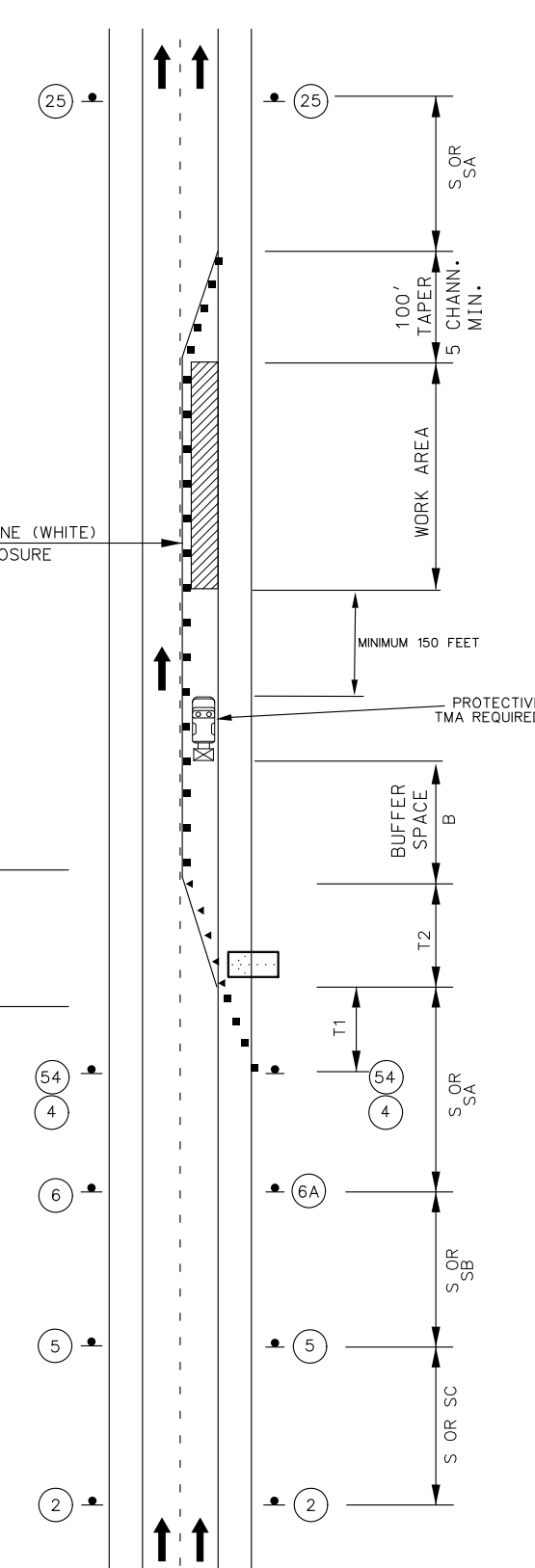
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

TRAFFIC CONTROL SHEET
STATIONARY LANE CLOSURE
ON A DIVIDED HIGHWAY
SHEET 7 OF 11



NOTES:

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

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.

TEMPORARY TRAFFIC BARRIERS, IF USED, SHALL COMPLY WITH THE PROVISIONS IN EPG 616.6.85 TEMPORARY TRAFFIC BARRIER AND REVIEW EPG 616.8.34 (TA-34) LANE CLOSURE WITH A TEMPORARY TRAFFIC BARRIER

REVIEW EPG 616.8.34A (TA-34A) LANE CLOSURE WITH WIDTH AND LANE RESTRICTIONS - DE/CM FOR A LANE CLOSURE WITH WIDTH RESTRICTION

REVIEW EPG 616.6.83 WARNING LIGHTS WHEN SEQUENTIAL OR WARNING LIGHTS SHOULD BE USED ON NIGHTTIME OPERATIONS.

IF RUMBLE STRIPS ARE USED, REVIEW EPG 616.6.87 RUMBLE STRIPS.

FOR FLAGS AND ADVANCE WARNING RAIL SYSTEMS, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

REVIEW EPG 616.6.63 CHANNELIZING DEVICES FOR DIFFERENT TYPES AND GUIDELINES FOR THE DEVICES.

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TRAFFIC CONTROL LEGEND

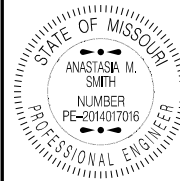
- ▲ SIGN (SINGLE SIDED)
- ◄ DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- ▨ WORK AREA
- ◻ FLASHING ARROW PANEL

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL BUFFER LENGTH (ft.) (B)	CHANNELIZER SPACING (ft.)	
	UN -DIVIDED (S)	DIVIDED (S)	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

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

NOT TO SCALE

STATIONARY LANE CLOSURE ON A DIVIDED HIGHWAY



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
10/25/2024

ROUTE STATE
VAR MO

DISTRICT SHEET NO.
SL 10

COUNTY
VARIOUS

JOB NO.
JSL0210

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE	DESCRIPTION

DATE

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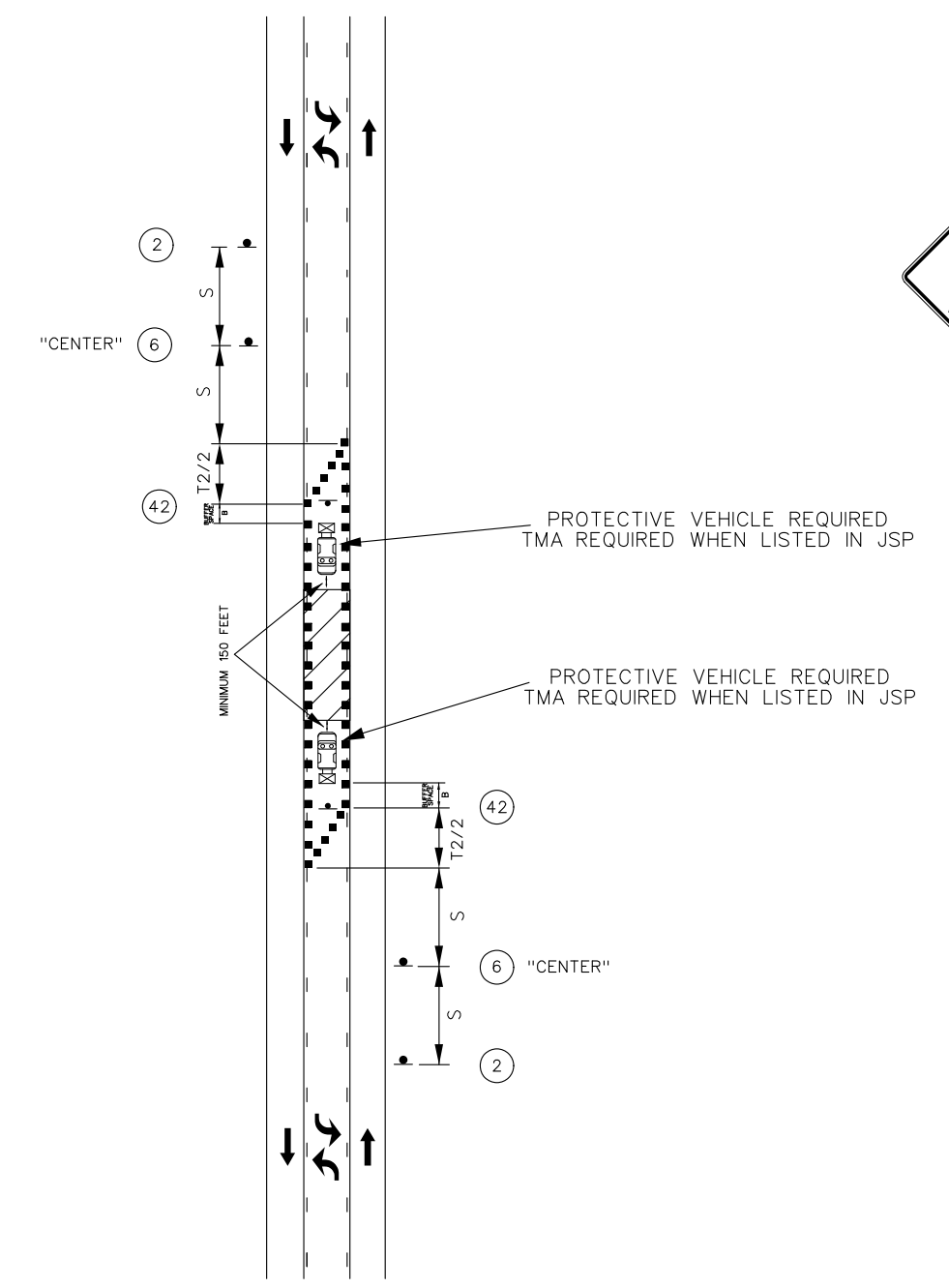
DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION



OPERATIONS IN TWO-WAY LEFT TURN LANE ON MULTI-LANE UNDIVIDED HIGHWAYS

TRAFFIC CONTROL LEGEND

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



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NOTES:

- SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.
- IF RUMBLE STRIPS ARE USED, REVIEW 616.6.87 RUMBLE STRIPS.
- FOR FLAGS AND ADVANCE WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

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	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

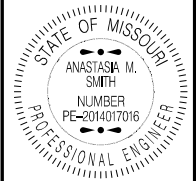
1 Shoulder taper length based on 10 ft. (standard shoulder width) offset.
2. Lane taper length based on 12 ft. (standard lane width) offset.

NOT TO SCALE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL SHEET
OPERATIONS IN TWO-WAY LEFT TURN
LANE ON MULTI-LANE UNDIVIDED HIGHWAYS
SHEET 8 OF 11



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
10/25/2024

ROUTE STATE
VAR MO

DISTRICT SHEET NO.
SL 11

COUNTY
VARIOUS

JOB NO.
JSL0210

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

TRAFFIC CONTROL SHEET
SIDE STREETS WHILE FLAGGING
SHEET 9 OF 11

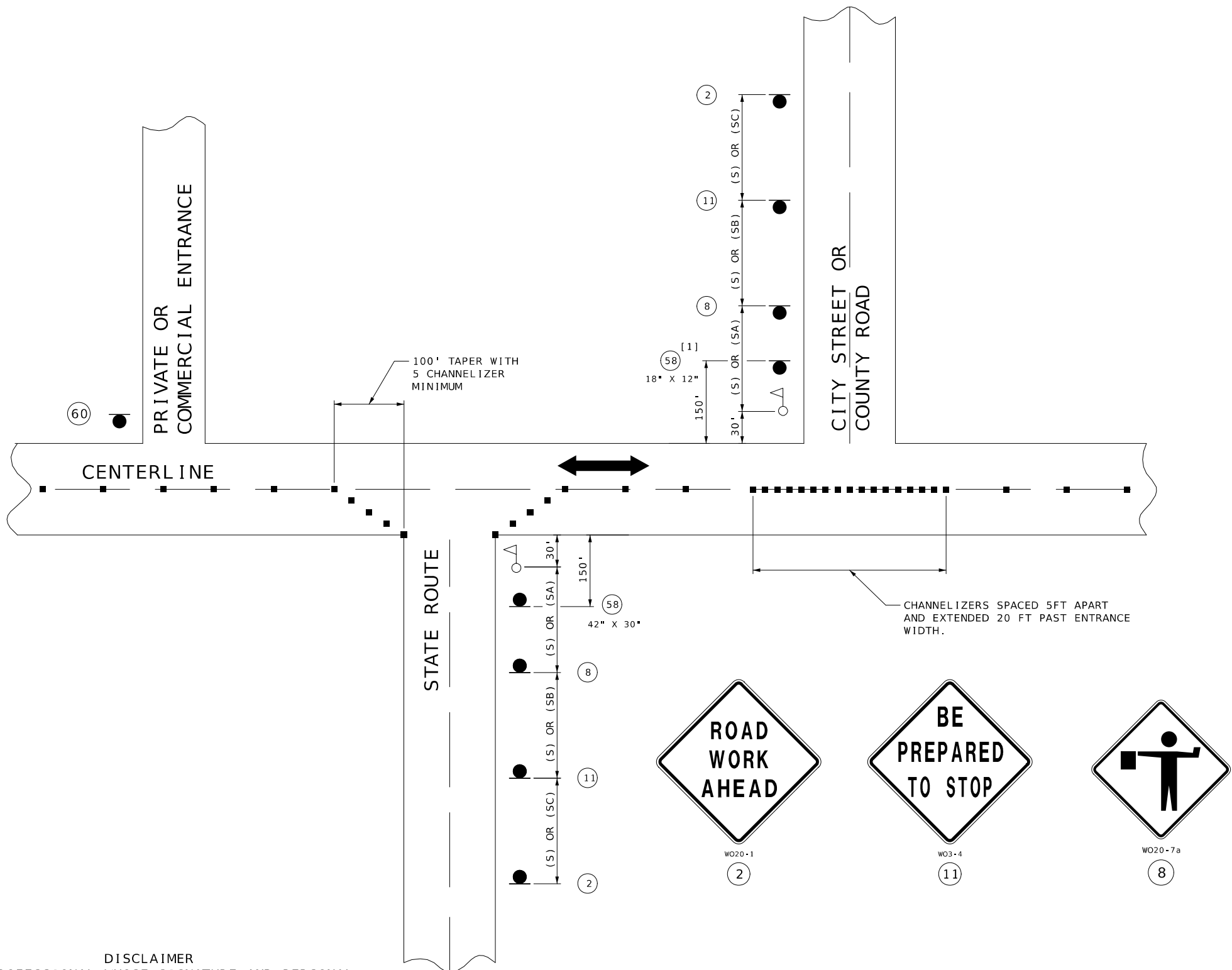
SPEED	SIGN SPACING (FT.)	
	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)
0-35	200	200
40-45	350	500
50-55	500	1000
60-70	1000	(SA)-1000 (SB)-1500 (SC)-2640

DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.

NOTES:
WARNING SIGNS SHALL BE ERECTED AT EACH INTERSECTION WITH ANOTHER STATE HIGHWAY WITHIN THE WORK ZONE.

ADDITIONAL WARNING SIGNS SHALL BE ERECTED AT OTHER INTERSECTIONS WITHIN THE WORK ZONE, AS DIRECTED BY THE ENGINEER.

- - CHANNELIZERS (AS SPECIFIED)
- - FLAGGER



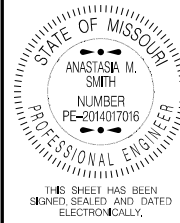
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SIDE ROADS ENTERING WORK ZONES

SHALL BE USED ON ALL STATE ROUTES AND MAY BE USED ON ANY NON-STATE ROUTES, AS DETERMINED BY THE ENGINEER.

[1] THE SMALLER 18" X 12" SIGN 58 IS USED ON ALL OTHER NON-STATE ROUTES (CITY STREETS, COUNTY ROADS, ETC.).

SHALL ONLY BE USED AT PRIVATE AND COMMERCIAL ENTRANCES. SEE STD PLAN 616.10



THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
10/25/2024

ROUTE STATE
VAR MO

DISTRICT SHEET NO.
SL 13

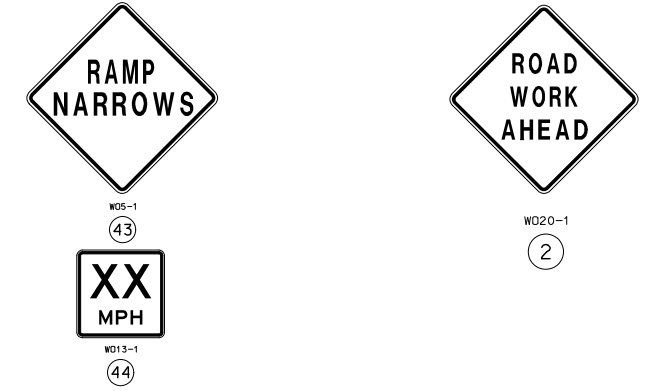
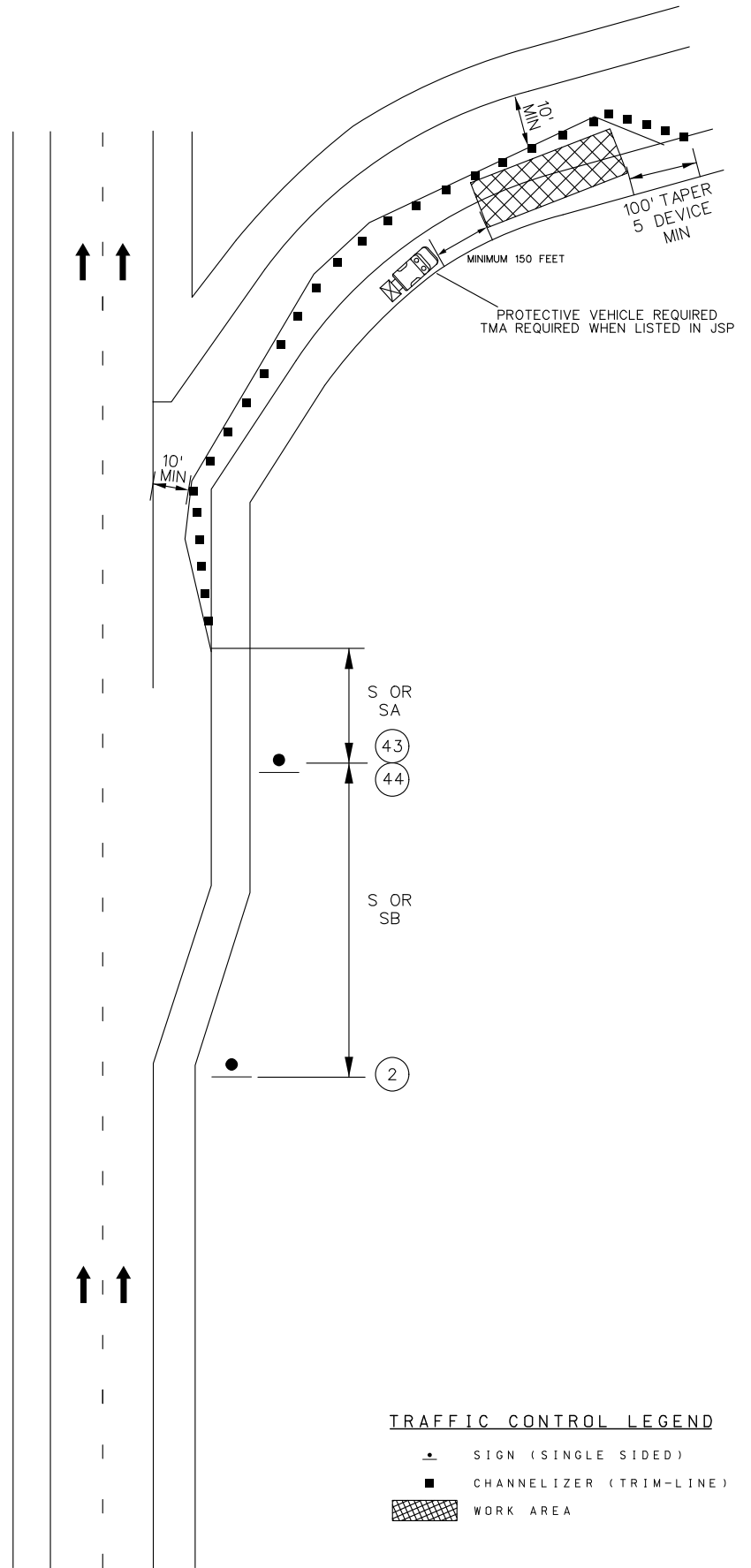
COUNTY
VARIOUS

JOB NO.
JSL0210

CONTRACT ID.

PROJECT NO.

BRIDGE NO.



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- NOTES:**
- REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.
 - TEMPORARY PAVEMENT MARKING OPTIONAL FOR SHORT TERM OPERATIONS.
 - RAMP NARROWS SIGN IS REQUIRED WHEN RAMP WIDTH IS REDUCED
 - IF RUMBLE STRIPS ARE USED, REVIEW EPG 616.6.87 RUMBLE STRIPS.
 - FOR FLAGS AND ADVANCE WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.
 - REVIEW EPG 616.6.63 CHANNELIZING DEVICES FOR DIFFERENT TYPES AND GUIDELINES FOR THE DEVICES.

TRAFFIC CONTROL LEGEND

- ▲ SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- ▨ WORK AREA

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL BUFFER LENGTH (ft) (B)	CHANNELIZER SPACING (ft.)	
	UN -DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)		TAPERS	BUFFER/ WORK AREAS
0-35	-	200	70	245	280	35	40
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50-55	-	1000	185	660	560	50	80
60-70	-	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.

NOT TO SCALE

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

TRAFFIC CONTROL SHEET
PARTIAL EXIT RAMP CLOSURE
SHEET 11 OF 12