

DATE PREPARED
12/1/2025

ROUTE VAR STATE MO
DISTRICT SL SHEET NO. 2
CITY ST. CHARLES ST. LOUIS
JOB NO. JSL0207
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

BID QUANTITIES PARTIAL DEPTH POLYMER CONCRETE REPAIR							
ROADWAY	SECTION	LOG MILE	LOG MILE	HOT POLYMER PATCHING (SY)	HOT POLYMER CONC. PATCHING (CF)	REMOVAL, FURNISHING AND PLACING HOT POLYMER CONCRETE PATCHING MATERIAL FOR CLASS A PARTIAL DEPTH REPAIR (LBS)	REMARKS
I-55	US-67 TO JEFFERSON COUNTY LINE	197.508	192.835	241.33	542.99	62443.85	INCLUDE RAMPS
MO-340	I-64 TO LEA OAK DR	4.591	3.826	117.78	265.01	30476.15	LOOP DETECTORS COULD BE PRESENT
N OR 44	CENTRAL AVE TO MO-109	4.015	4.273	230.22	518.00	59570.00	LOOP DETECTORS COULD BE PRESENT
MO-100 EB	MANCHESTER RD TO RUCK RD	97.316	98.237	189.11	425.50	48932.50	LOOP DETECTORS COULD BE PRESENT
I-70	S 5TH ST TO LAKE ST LOUIS BLVD	214.06	229.5	514.67	1158.01	133171.15	INCLUDE RAMPS AND CROSS ROADS
S OR 70	SPENCER LOOP SOUTH TO BJC ST PETERS DR	0.450	1.453	50.67	114.01	13111.15	LOOP DETECTORS COULD BE PRESENT
BRYAN RD	RAMP I-70 W TO RAMP I-70 E	2.807	2.703	150	337.50	38812.50	LOOP DETECTORS COULD BE PRESENT, INCLUDE RAMPS
ROUTE A	E PITMAN LOOP RD TO RAMP I-70 E	3.240	3.371	80	180.00	20700.00	LOOP DETECTORS COULD BE PRESENT
FREYMUTH RD	RAMP I-70 E TO SOUTH OUTER RD	1.154	1.100	16.00	36.00	4140.00	LOOP DETECTORS COULD BE PRESENT
S OR 70	ASHLEY TO GASCONY DR	0.808	1.286	120	270.00	31050.00	
				SUB TOTAL	442407.30		
				PAY TOTAL	442407.00		

VARIABLE SCOPE PARTIAL DEPTH POLYMER CONCRETE REPAIR							
ROADWAY	SECTION	LOG MILE	LOG MILE	HOT POLYMER PATCHING (SY)	HOT POLYMER CONC. PATCHING (CF)	REMOVAL, FURNISHING AND PLACING HOT POLYMER CONCRETE PATCHING MATERIAL FOR CLASS A PARTIAL DEPTH REPAIR (LBS)	REMARKS
LEFFINGWELL AVE	S HOLMES AVE TO END OF MODOT MAINTENANCE	0.812	0.657	58.50	131.63	15137.45	
US-67	CINDER RD TO LINDBERGH BLVD	194.307	191.8	125.00	281.25	32343.75	

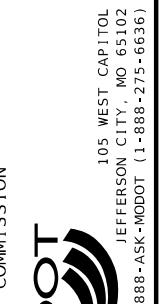
- * ALL QUANTITIES ARE AN ESTIMATE AND MAY VARY. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER.
- * TYPICAL 3 INCH DEPTH USED. USE 115 LBS/CF
- * THE CONTRACTOR SHALL NOT MAKE REPAIRS WITHIN DETECTOR LOOPS WITHOUT PERMISSION OF THE ENGINEER
- * REPAIRS MAY BE A MINIMUM OF 6" WIDE AT DISCRETION OF THE ENGINEER

BID QUANTITIES LOOP DETECTOR					
LOCATION	ROADWAY	6' x 30'	6' x 15'	6' x 6'	LOOP DETECTOR (EA)
		LOOP DETECTOR (EA)	LOOP DETECTOR (EA)	LOOP DETECTOR (EA)	
VARIOUS	VARIOUS	3.00	3.00	3.00	
	TOTALS	3.00	3.00	3.00	
	PAY TOTALS	3	3	3	

LOCATIONS TO BE DETERMINED BY THE ENGINEER AND MAY BE PLACED ON ANY ROUTE

MOBILIZATION - TOTAL = 1.0 LUMP SUM

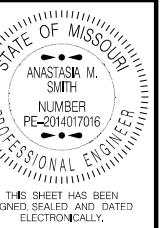
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



SUMMARY OF QUANTITIES
SHEET 1 OF 2

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SIGN	SIZE	AREA	QTY	TOTAL AREA	QTY	TOTAL	RELOC	SIGN	RELOC	NUM.	DESCRIPTION	SIGN	SIZE	AREA	QTY	TOTAL	RELOC	TOTAL	RELOC	SIGN	RELOC	NUM.	DESCRIPTION	ITEM NUMBER	TOTAL QTY	DESCRIPTION
WARNING SIGNS																										
DESCRIPTION																										
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT ARROW)				E05-1	36X48	12.00	2	24					GORE EXIT		6122008	IMPACT ATTENUATOR 40 MPH (SAND BARRELS)		
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT ARROW)				E05-2	48X36	12.00							EXIT OPEN		6122009	IMPACT ATTENUATOR 45 MPH (SAND BARRELS)		
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT ARROW)				E05-2a	48X36	12.00							EXIT CLOSED		6122010	IMPACT ATTENUATOR 50 MPH (SAND BARRELS)		
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT ARROW)				GO20-1	60X24	10.00							ROAD WORK NEXT XX MILES		6122012	IMPACT ATTENUATOR 55 MPH (SAND BARRELS)		
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT ARROW)				GO20-2	48X24	8.00							END ROAD WORK		6122014	IMPACT ATTENUATOR 60 MPH (SAND BARRELS)		
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT ARROW)				GO20-4	36X18	4.50							PILOT CAR FOLLOW ME		6122017	IMPACT ATTENUATOR 65 MPH (SAND BARRELS)		
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT ARROW)				GO20-4a	42X30	8.75							PILOT CAR IN USE WAIT & FOLLOW		6122019	IMPACT ATTENUATOR 70 MPH (SAND BARRELS)		
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT ARROW)				GO20-4a	18X12	1.50	6	9					PILOT CAR IN USE WAIT & FOLLOW		6122020	REPLACEMENT SAND BARREL		
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)				GO20-5aP	36X24	6.00	6	36					WORK ZONE (PLAQUE)		6122030	IMPACT ATTENUATOR (RELOCATION)		
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)				MO4-8a	24X18	3.00							END DETOUR		6123000A	1 * TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)		
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)				MO4-9L	48X36	12.00							DETOUR (LEFT ARROW)		6161008	ADVANCED WARNING RAIL SYSTEM		
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)				MO4-9R	48X36	12.00							DETOUR (RIGHT ARROW)		6161012	BUOYS (BOATS KEEP OUT)		
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)				MO4-9P	48X12	4.00							STREET NAME (PLAQUE)		6161013	BUOYS (NO WAKE)		
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)				MO4-10L	48X18	6.00							DETOUR (ARROW LEFT)		6161014	SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)		
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)				MO4-10R	48X18	6.00							DETOUR (ARROW RIGHT)		6161025	CHANNELIZER (TRIM LINE)		
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)				REGULATORY SIGNS												6161030	250	TYPE III MOVEABLE BARRICADE
WO1-8	18X24	3.00						CHEVRON (SYMBOL)				R1-1	48X48	13.25							STOP		6161033	56 DIRECTION INDICATOR BARRICADE		
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)				R1-2	48TRI.	6.93	2	13.86					YIELD		6161040	4 FLASHING ARROW PANEL		
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)				R1-2a	36X36	9.00							TO ONCOMING TRAFFIC (PLAQUE)		6161047	TYPE III OBJECT MARKER		
WO3-2	48X48	16.00	2	32				YIELD AHEAD (SYMBOL)				R1-3P	30X12	2.50							ALL WAY (PLAQUE)		6161055	SEQUENTIAL FLASHING WARNING LIGHT		
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)				R2-1	36X48	12.00	24	288					SPEED LIMIT ***		6161070	TUBULAR MARKER		
WO3-4	48X48	16.00	2	32				BE PREPARED TO STOP				R3-1	48X48	16.00							NO RIGHT TURN (SYMBOL)		6161095	RADAR SPEED ADVISORY SYSTEM		
WO3-5	48X48	16.00						SPEED LIMIT AHEAD				R3-2	48X48	16.00							NO LEFT TURN (SYMBOL)		6161096	CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED		
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)				R3-3	36X36	9.00							NO TURNS		6161098A	CHANGEABLE MESSAGE SIGN W/O COMM.		
WO4-1R	48X48	16.00	2	32				MERGE (SYMBOL FROM RIGHT)				R3-4	48X48	16.00							NO U-TURN (SYMBOL)		6161099	INTERFACE - CONTRACTOR FURNISHED/RETAINED		
WO4-1aL	48X48	16.00	5	80				MERGE (ARROW SYMBOL) LEFT				R3-7L	30X30	6.25	4	25					LEFT LANE MUST TURN LEFT		6162000A	CHANGEABLE MESSAGE SIGN WITH COMM.		
WO4-1aR	48X48	16.00	5	80				MERGE (ARROW SYMBOL) RIGHT				R3-7R	30X30	6.25							RIGHT LANE MUST TURN RIGHT		6162002	INTERFACE - CONTRACTOR FURNISHED/RETAINED		
WO5-1	48X48	16.00	2	32				ROAD/BRIDGE/RAMP NARROWS				R4-1	36X48	12.00							DO NOT PASS		6173600D	TEMPORARY TRAFFIC BARRIER		
WO5-3	48X48	16.00						ONE LANE BRIDGE				R4-2	36X48	12.00							PASS WITH CARE		6173602B	TEMPORARY TRAFFIC BARRIER		
WO5-5	48X48	16.00						NARROW LANES				R4-8a	36X48	12.00							KEEP LEFT (HORIZONTAL ARROW)		6174000A	TEMP. TRAFFIC BARRIER HEIGHT TRANSITION		
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)				R4-7a	36X48	12.00							KEEP RIGHT (HORIZONTAL ARROW)		6175010A	RELOCATING TEMPORARY TRAFFIC BARRIER		
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)				R5-1	30X30	6.25							DO NOT ENTER		6176000B	TEMPORARY TRAFFIC BARRIER		
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)				R5-1a	36X24	6.00							WRONG WAY		6177000B	COMMISSION FURNISHED/RETAINED		
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)				R6-1L	54X18	6.75							ONE WAY ARROW (LEFT)		6208064A	TEMPORARY RAISED PAVEMENT MARKER		
WO8-1	48X48	16.00						BUMP				R6-1R	54X18	6.75							ONE WAY ARROW (RIGHT)		9029400	TEMPORARY TRAFFIC SIGNALS		
WO8-2	48X48	16.00						DIP				R6-2L	24X30	5.00							ONE WAY (LEFT)		9029401	TEMPORARY TRAFFIC SIGNALS AND LIGHTING		
WO8-3	48X48	16.00						PAVEMENT ENDS				R6-2R	24X30	5.00							ONE WAY (RIGHT)					
WO8-4	48X48	16.00						SOFT SHOULDER				R9-9	24X12	2.00							SIDEWALK CLOSED					
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)				R9-														



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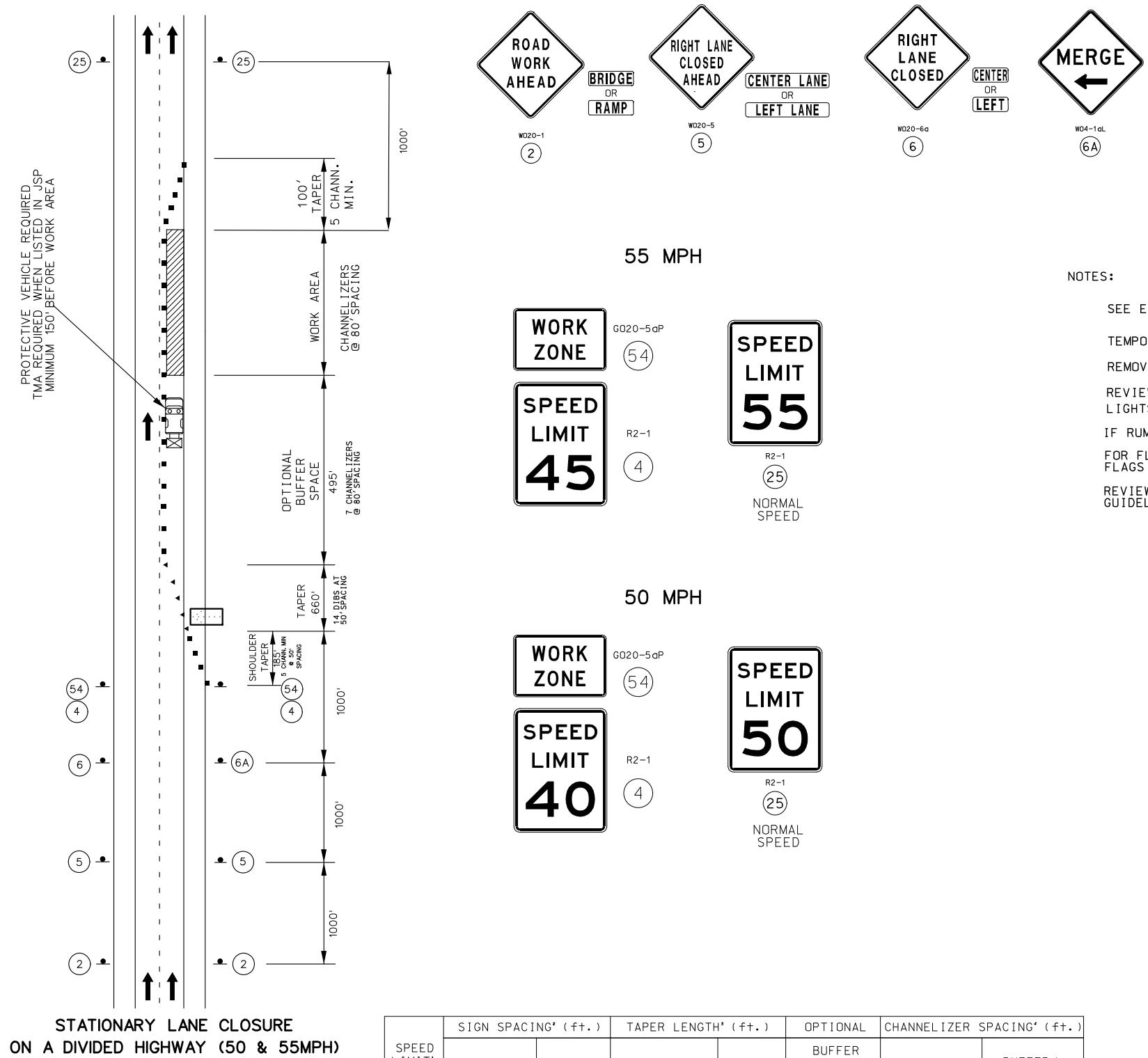
DATE PREPARED
12/1/2016

ROUTE VAR
STATE MO
DISTRICT SL SHEET NO. 3
COUNTY ST. CHARLES
ST. LOUIS
JOB NO. JSL0207
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

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.
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.



STATIONARY LANE CLOSURE
ON A DIVIDED HIGHWAY (50 & 55 MPH)

SPEED LIMIT, MPH	SIGN SPACING* (ft.)		TAPER LENGTH* (ft.)		OPTIONAL BUFFER LENGTH, FT. (B)	CHANNELIZER SPACING* (ft.)
	UN -DIVIDED (S)	DIVIDED (S)	SHOULDER* (T1)	LANE* (T2)		
0-35	200*	200*	70	245	250	35*
40-45	350	500	150	540	360	40*
50-55	500	1000	185	660	495	50*
60-70	1000	SA-1000 SB-1500 SC-2640	235	840	730	60*
						120*

*SPEED LIMIT IS BASED ON POSTED SPEED LIMIT.
SIGN SPACING MAY BE ADJUSTED, NORMALLY BY INCREASING IT, TO ACCOMMODATE FIELD CONDITIONS AND VISIBILITY.
TAPER LENGTHS MAY BE ADJUSTED TO ACCOMMODATE CROSSROADS, CURVES, INTERSECTIONS, RAMPS OR OTHER GEOMETRIC FEATURES.
CHANNELIZER SPACING IS BASED ON 10 FT. SHOULDER WIDTH.
BASED ON 10 FT. SHOULDER WIDTH.
FOR URBAN LOW SPEED, MINIMUM RECOMMENDED SPACING IN MUDT IS 100 FT.
SPACING REDUCED TO 1/2 AT INTERSECTIONS
SPACING MAY BE REDUCED TO 1/2 AT INTERSECTIONS

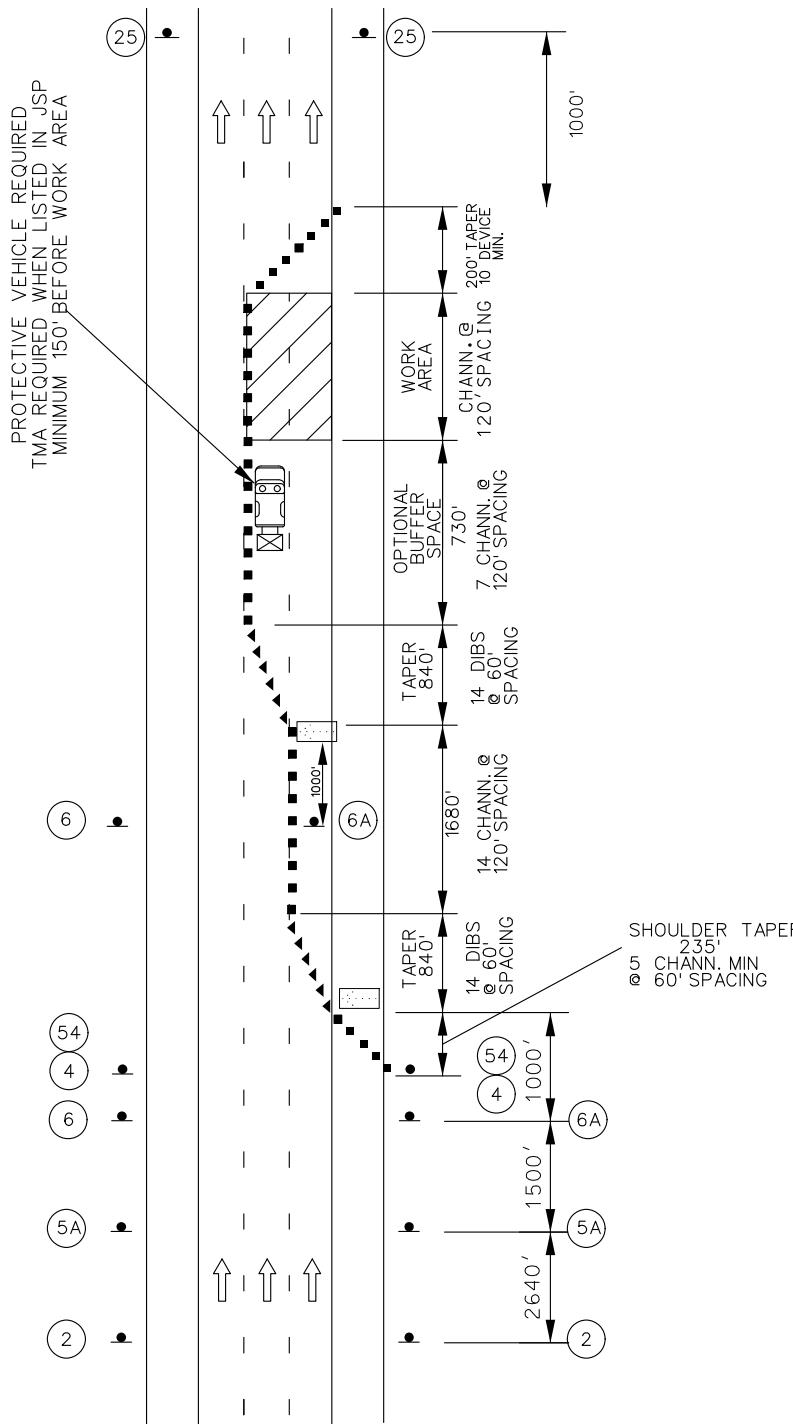
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TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- ▲ DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- ▨ WORK AREA
- ▨ FLASHER ARROW PANEL
- ▨ ADVANCE WARNING RAILS

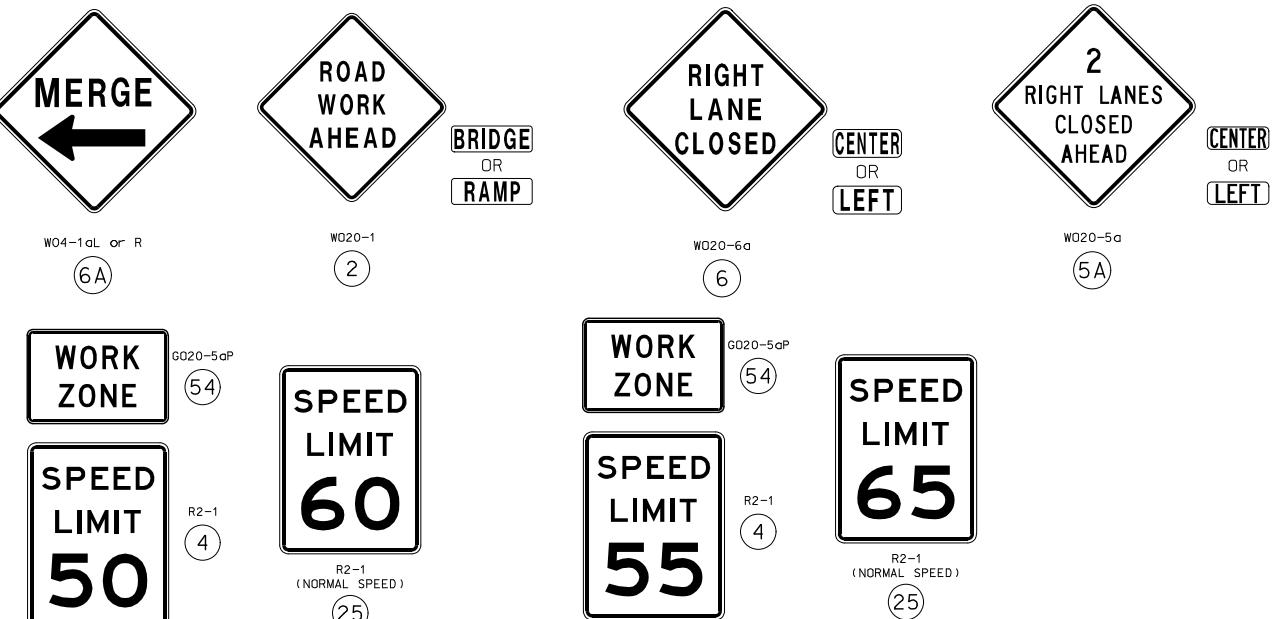
TRAFFIC CONTROL LEGEND
STATIONARY LANE CLOSURE
ON A DIVIDED HIGHWAY IN
50 & 55 MPH ZONES
SHEET 1 OF 12





DOUBLE LANE CLOSURE
ON A MULTILANE HIGHWAY
BEGINNING IN A 60 & 65 MPH ZONE

NOT TO SCALE



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.

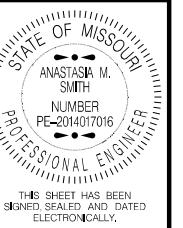
FOR NIGHTTIME OPERATIONS, REVIEW EPG 616.6.83 WARNING LIGHTS FOR USE OF SEQUENTIAL LIGHTS.

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.

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DATE PREPARED
12/1/2025

ROUTE VAR STATE MO

DISTRICT SL SHEET NO. 6

COUNTY ST. CHARLES

JOB NO. JSL0207

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

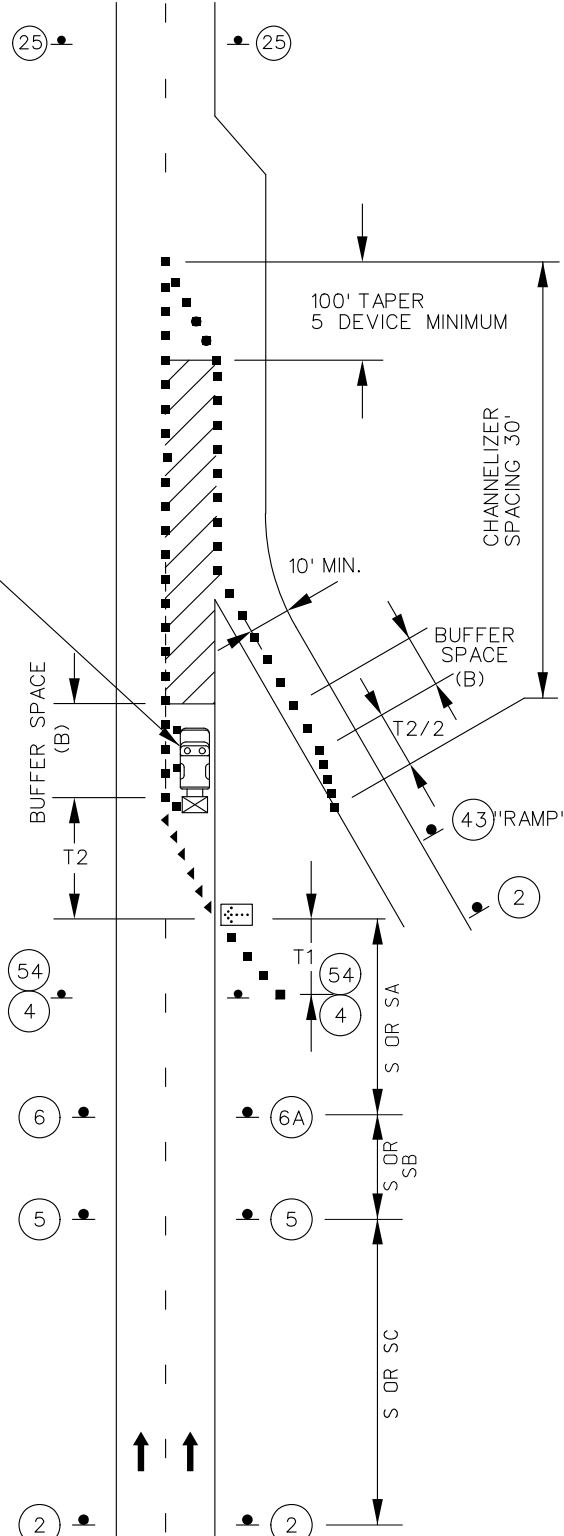
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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 12

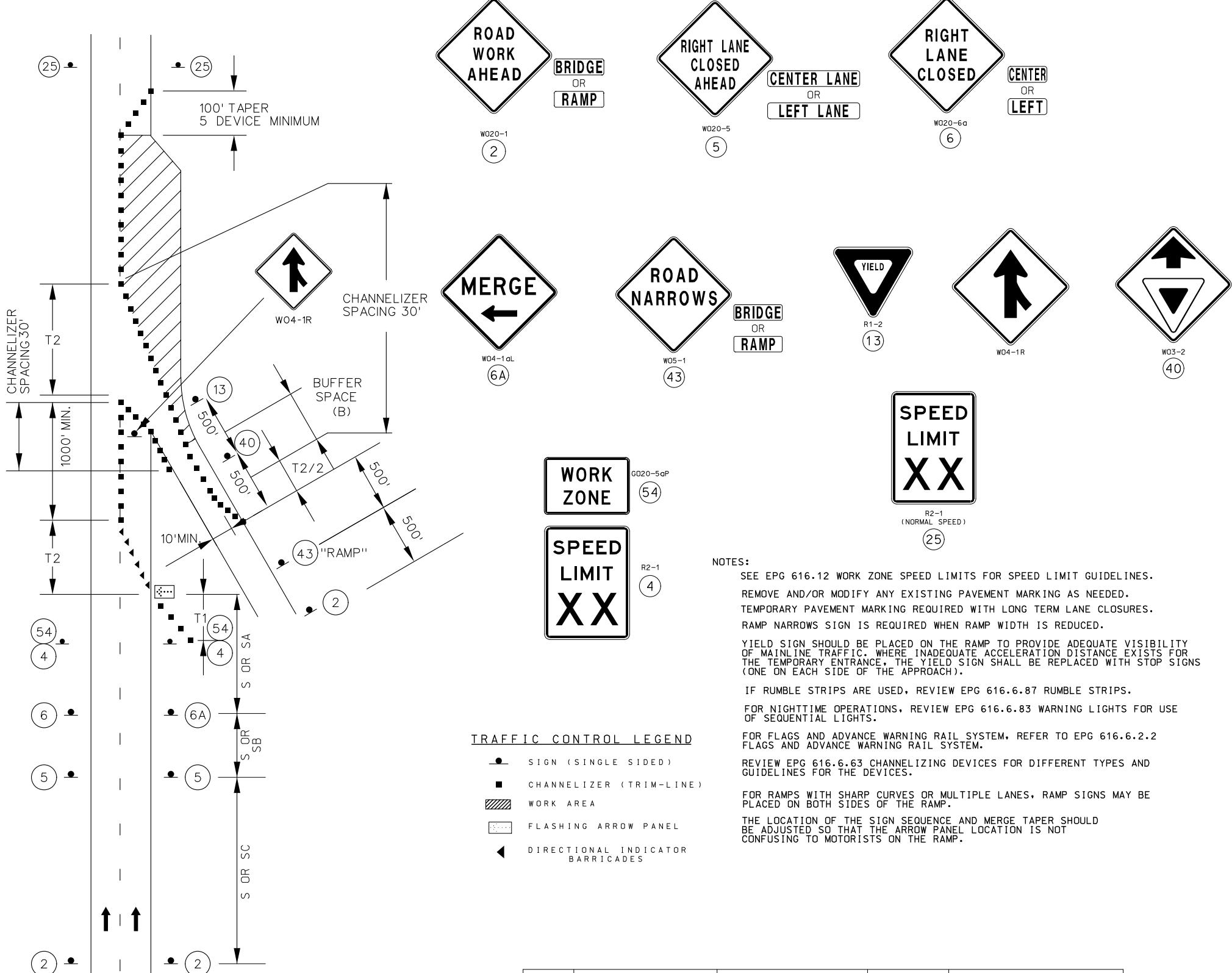
PROTECTIVE VEHICLE REQUIRED
TMA REQUIRED WHEN LISTED IN JSP
MINIMUM 150' BEFORE WORK AREA



WORK IN THE VICINITY OF AN ENTRANCE RAMP

NOT TO SCALE

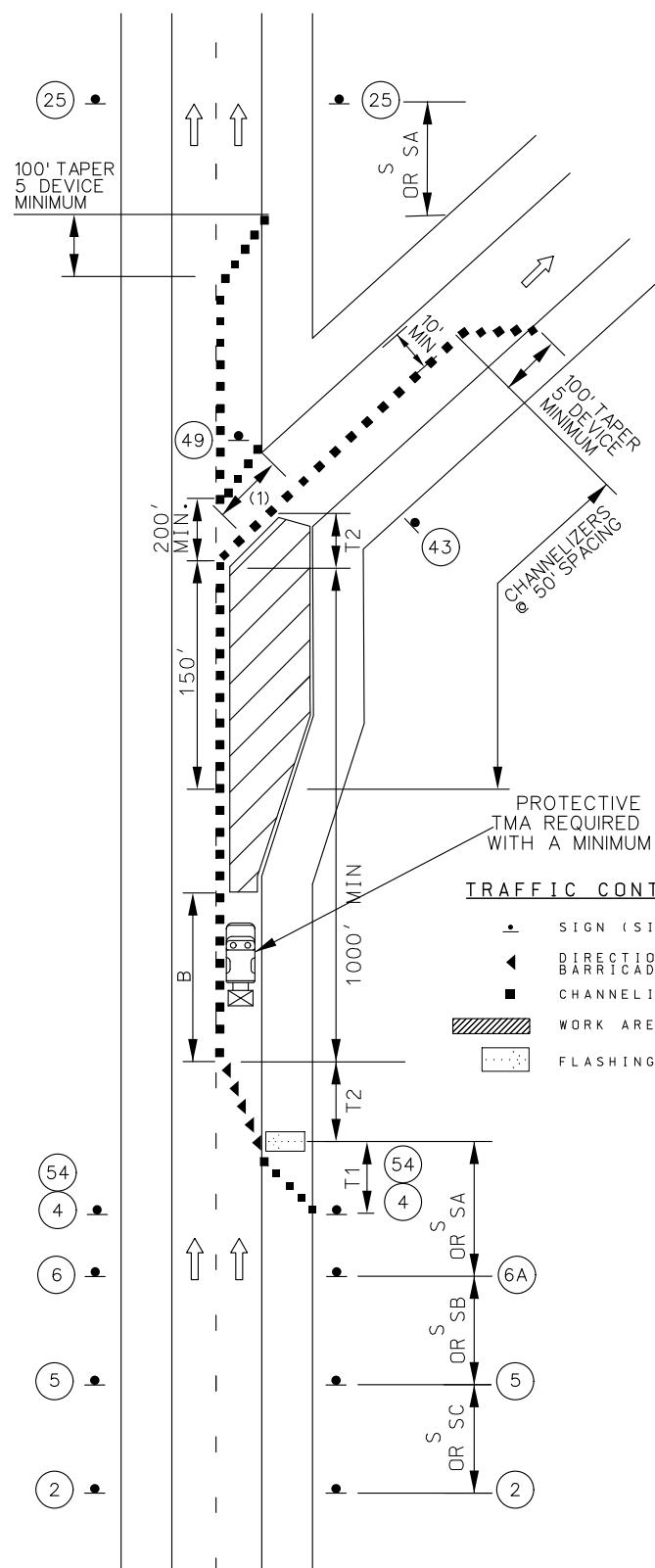
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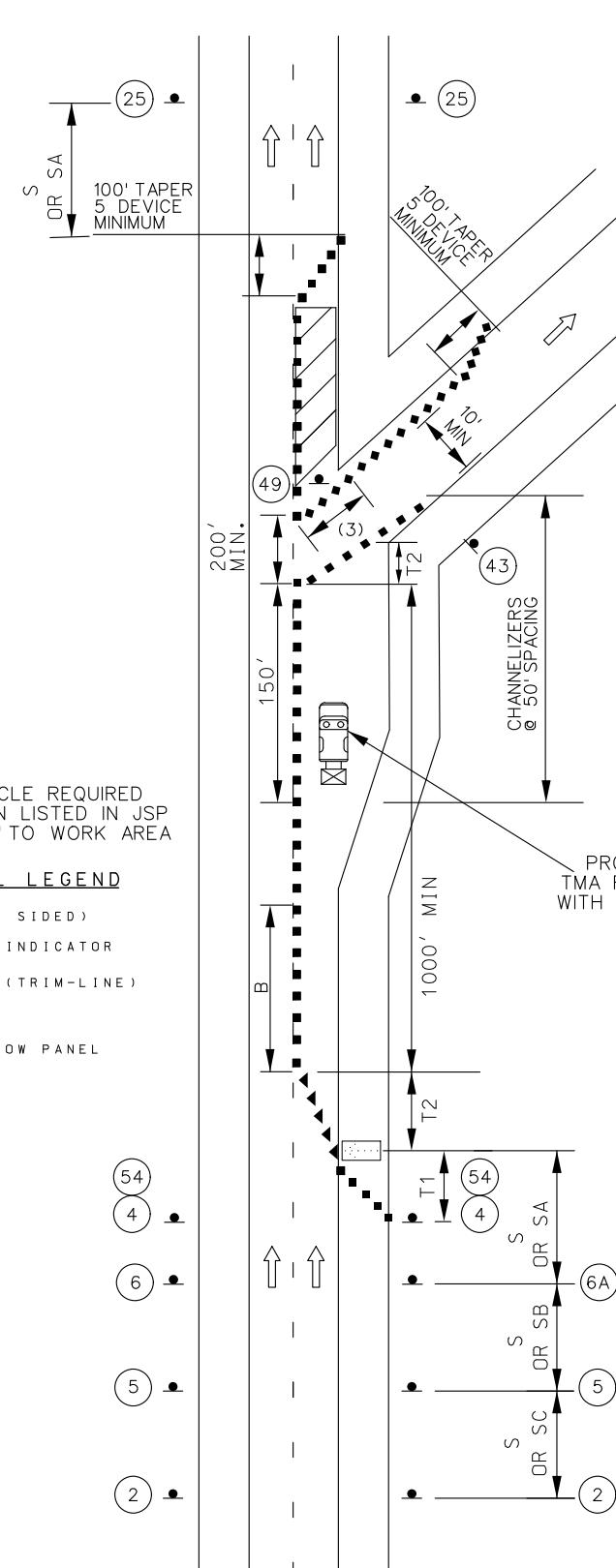
SPEED LIMIT, MPH	SIGN SPACING* (ft.)		TAPER LENGTH* (ft.)	OPTIONAL TAPERS	CHANNELIZER SPACING* (ft.)			
	UN-DIVIDED (S)	DIVIDED (S)			SHOULDER* (T1)	LANE* (T2)	BUFFER LENGTH, FT. (B)	BUFFER/ WORK AREAS
0-35	200'	200'	70	245	35'	40'		
40-45	350	500	150	540	360	40*	80'	
50-55	500	1000	185	660	495	50*	80'	
60-70	1000	SA-1000 SB-1500 SC-2640	235	840	730	60*	120*	

*SPEED LIMIT IS BASED ON POSTED SPEED LIMIT.
SIGN SPACING MAY BE ADJUSTED, NORMALLY BY INCREASING IT, TO ACCOMMODATE FIELD CONDITIONS AND VISIBILITY.
TAPER LENGTH IS BASED ON 10' TAPER LENGTH. TAPER LENGTH IS REDUCED AT INTERSECTIONS, RAMPS OR OTHER GEOMETRIC FEATURES.
CHANNELIZER SPACING MAY BE REDUCED TO DISCOURAGE TRAFFIC ENCLONGATION.
BASED ON 12' T. LANE WIDTH.
FOR URBAN LOW SPEED, MINIMUM RECOMMENDED SPACING IN MTCDS IS 100 FT.
INTERSECTION SPACING IS 100 FT.
*SPACING MAY BE REDUCED TO 1/2 AT INTERSECTIONS.

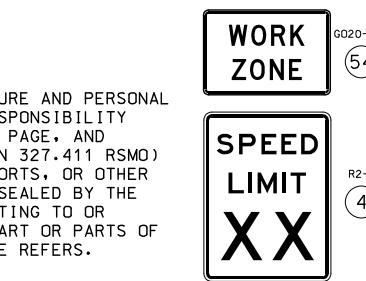
NOT TO SCALE



WORK IN THE VICINITY
OF AN EXIT RAMP



*SPEED LIMIT IS BASED ON POSTED SPEED LIMIT.
**SHOULDER LENGTH IS BASED ON 12' SHOULDER WIDTH.
***TAPER LENGTHS MAY BE ADJUSTED TO ACCOMMODATE FIELD CONDITIONS AND VISIBILITY.
****CHANNELIZER SPACING MAY BE ADJUSTED TO DISCOURAGE TRAFFIC ENCROACHMENT.
*****SHOULDER TAPER RIDGE IS BASED ON 12' SHOULDER WIDTH.
*****TAPER LENGTH IS BASED ON 12' SHOULDER RIDGE.
*****SHOULDER SPACING RECOMMENDED SPACING IN MUTCD IS 100 FT.
*****SPACING REDUCED TO 1/2 AT INTERSECTIONS.
*****SPACING MAY BE REDUCED TO 1/2 AT INTERSECTIONS.



NOTES:

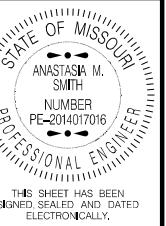
- SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.
- REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.
- TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
- RAMP NARROWS SIGN IS REQUIRED WHEN RAMP WIDTH IS REDUCED
- (3) 5 CHANNELIZER DEVICES MINIMUM
- IF RUMBLE 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 LIMIT*, MPH	SIGN SPACING* (ft.)		TAPER LENGTH* (ft.)		OPTIONAL BUFFER LENGTH, FT. (B)	CHANNELIZER SPACING* (ft.)	
	UN-DIVIDED (S)	DIVIDED (S)	SHOULDER* (T1)	LANE* (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*

TRAFFIC CONTROL SHEET
WORK IN THE VICINITY
OF AN EXIT RAMP
SHEET 6 OF 12

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

STATE OF MISSOURI
ANASTASIA M. SMITH
NUMBER PE-2014017016
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY.
DATE PREPARED 12/1/2025
ROUTE VAR STATE MO
DISTRICT SL SHEET NO. 8
COUNTY ST. CHARLES
CITY ST. LOUIS
JOB NO. JSL0207
CONTRACT ID.
PROJECT NO.
BRIDGE NO.



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SIGNED, SEALED, AND DATED
ELECTRONICALLY.

DATE PREPARED
12/1/2025

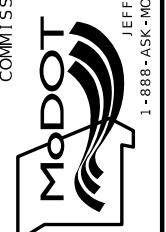
ROUTE VAR
DISTRICT SL
STATE MO
SHEET NO. 10
COUNTY ST. CHARLES
ST. LOUIS
JOB NO. JSL0207
CONTRACT ID.

PROJECT NO.

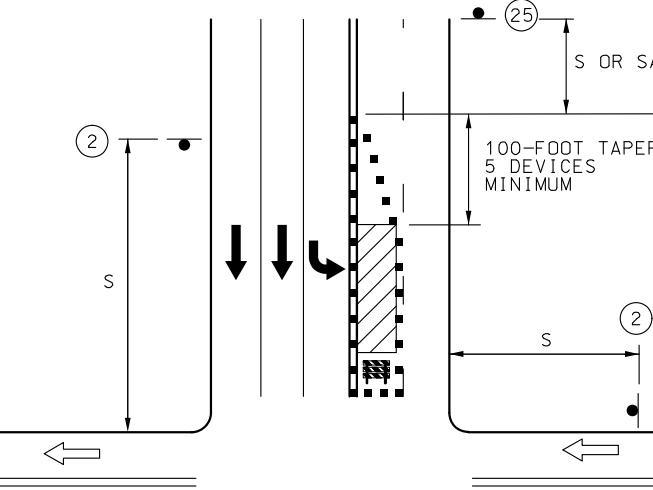
BRIDGE NO.

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
LEFT LANE OF INTERSECTION
SHEET 8 OF 12



PROTECTIVE VEHICLE REQUIRED
TMA REQUIRED WHEN LISTED IN JSP
WITH MINIMUM 150' TO WORK AREA

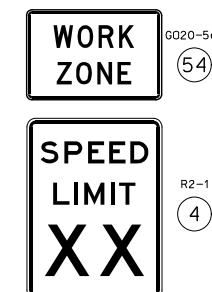
TEMPORARY WHITE LINE

TEMPORARY PAVEMENT
ARROW (OPTIONAL)

TEMPORARY YELLOW LINE

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- ▼ DIRECTIONAL INDICATOR
BARRICADES (DIBS)
- ▨ WORK AREA
- ▨ FLASHING ARROW PANEL
- ▨ TYPE 3 BARRICADE



DISCLAIMER
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL
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NOTES:

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.

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.

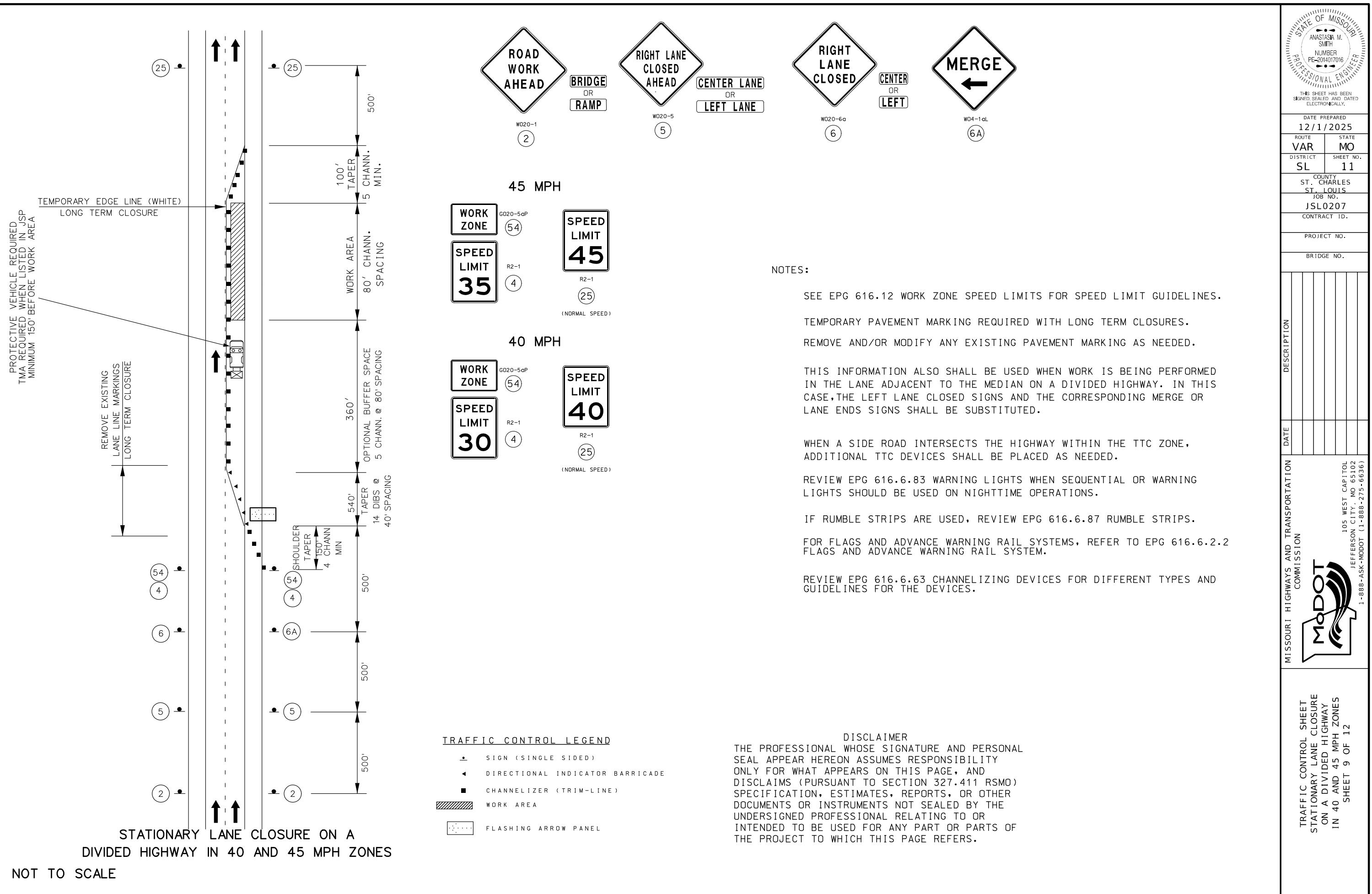
NOT TO SCALE

LEFT 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.

LEFT LANE CLOSURE AT INTERSECTION
WORK ON NEAR OR FAR SIDE



STATE OF MISSOURI
ANASTASIA M. SMITH
NUMBER PE-2014017016
PROFESSIONAL ENGINEER
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DATE PREPARED
12/1/2025

ROUTE VAR
STATE MO
DISTRICT SL SHEET NO. 12
COUNTY ST. CHARLES
ST. LOUIS
JOB NO. JSL0207
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

SPEED	SIGN SPACING (FT) (1)	CHANNELIZER SPACING (FT)
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	BUFFER/ WORK AREA (TYP.)
0-35	200	40
40-45	350	80
50-55	500	80
60-70	1000	120

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

SPACING MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

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

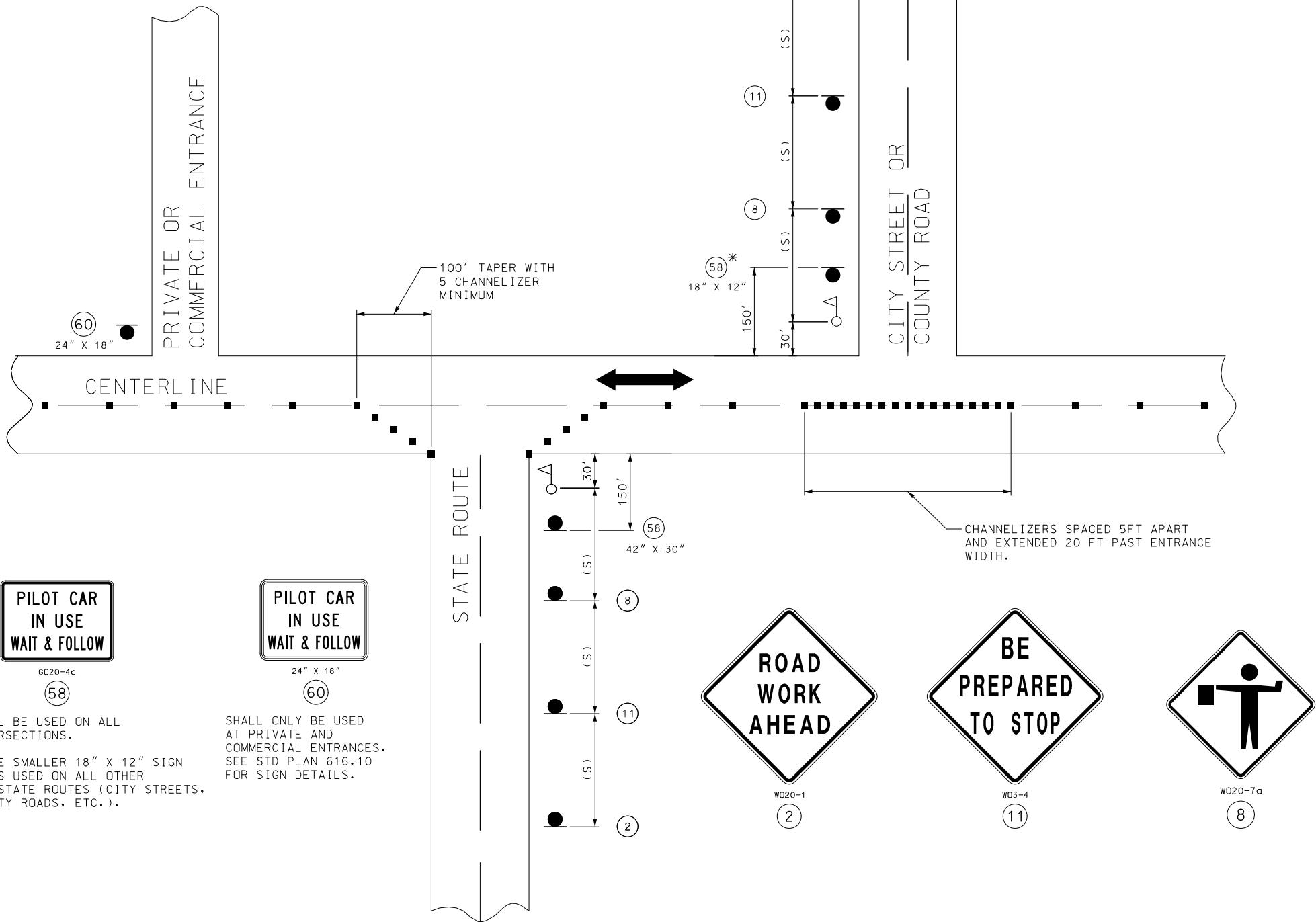
ADDITIONAL WARNING SIGNS SHALL BE ERECTED AT OTHER INTERSECTIONS WITHIN THE WORK ZONE, AS DIRECTED BY THE ENGINEER.

■ - CHANNELIZERS (AS SPECIFIED)

△ - FLAGGER

NOT TO SCALE

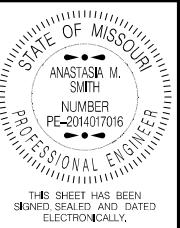
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SIDE ROADS ENTERING WORK ZONES

TRAFFIC CONTROL SHEET
SIDE STREETS WHILE FLAGGING
SHEET 10 OF 12

NOT TO SCALE

THIS SHEET HAS BEEN
SIGNED, SEALED, AND DATED
ELECTRONICALLY.DATE PREPARED
12/1/2016

ROUTE VAR STATE MO

DISTRICT SL SHEET NO. 14

COUNTY ST. CHARLES
ST. LOUIS
JOB NO. JSL0207

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

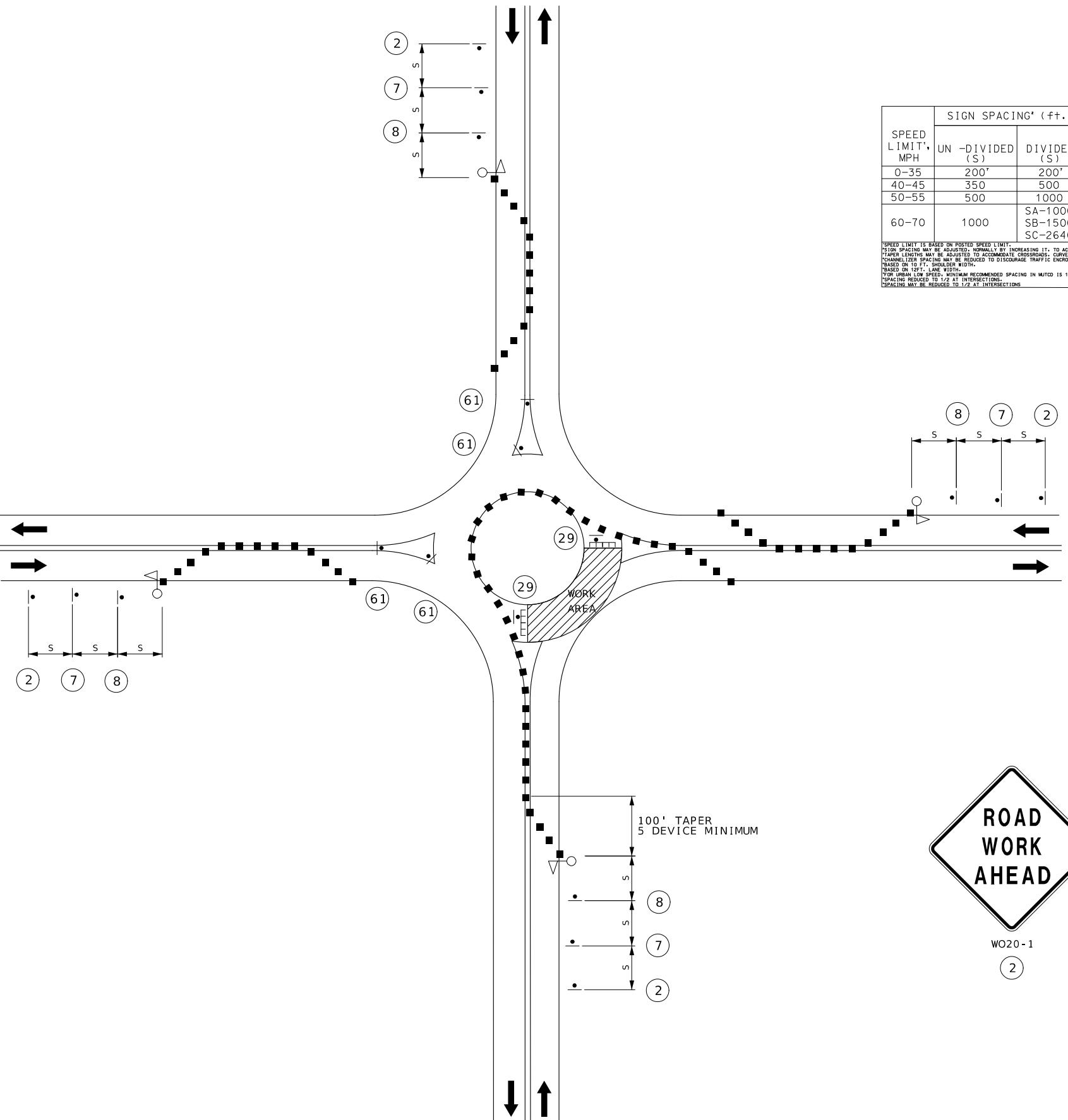
DESCRIPTION	DATE



TRAFFIC CONTROL SHEET
FLAGGING SINGLE LANE ROUNDABOUT
SHEET 12 OF 12

SPEED LIMIT, MPH	SIGN SPACING* (ft.)		TAPER LENGTH* (ft.)		OPTIONAL TAPERS	CHANNELIZER SPACING* (ft.)
	UN DIVIDED (S)	DIVIDED (S)	SHOULDER* (T1)	LANE* (T2)		
0-35	200'	200'	70	245	250	35'
40-45	350	500	150	540	360	40'
50-55	500	1000	185	660	495	50'
60-70	1000	SA-1000 SB-1500 SC-2640	235	840	730	60'
						120'

*SPEED LIMIT IS BASED ON POSTED SPEED LIMIT.
SIGN SPACING MAY BE ADJUSTED, NORMALLY BY INCREASING IT, TO ACCOMMODATE FIELD CONDITIONS AND VISIBILITY.
TAPER LENGTH IS BASED ON 12 FT. LANE WIDTH. TAPER LENGTHS MAY BE REDUCED AT INTERSECTIONS, RAMPS OR OTHER GEOMETRIC FEATURES.
CHANNELIZER SPACING MAY BE REDUCED TO DISCOURAGE TRAFFIC ENCROACHMENT.
TAPER LENGTH IS BASED ON 12 FT. LANE WIDTH.
*BASED ON 12 FT. LANE WIDTH.
**SPACING REDUCED AT INTERSECTIONS.
**SPACING MAY BE REDUCED TO 1/2 AT INTERSECTIONS.



FLAGGING
SINGLE-LANE
ROUNDABOUT