

BRIDGE - A4033 (WAGON TRAIL ROAD)  
A.A.D.T. - 2023 = 514  
V = 40 M.P.H.  
FUNCTIONAL CLASSIFICATION- MINOR COLLECTOR

BRIDGE - A4086 (ROUTE 63 NB)  
 A.A.D.T. - 2023 = 34117  
 V = 65 M.P.H.  
 FUNCTIONAL CLASSIFICATION- MINOR COLLECTOR

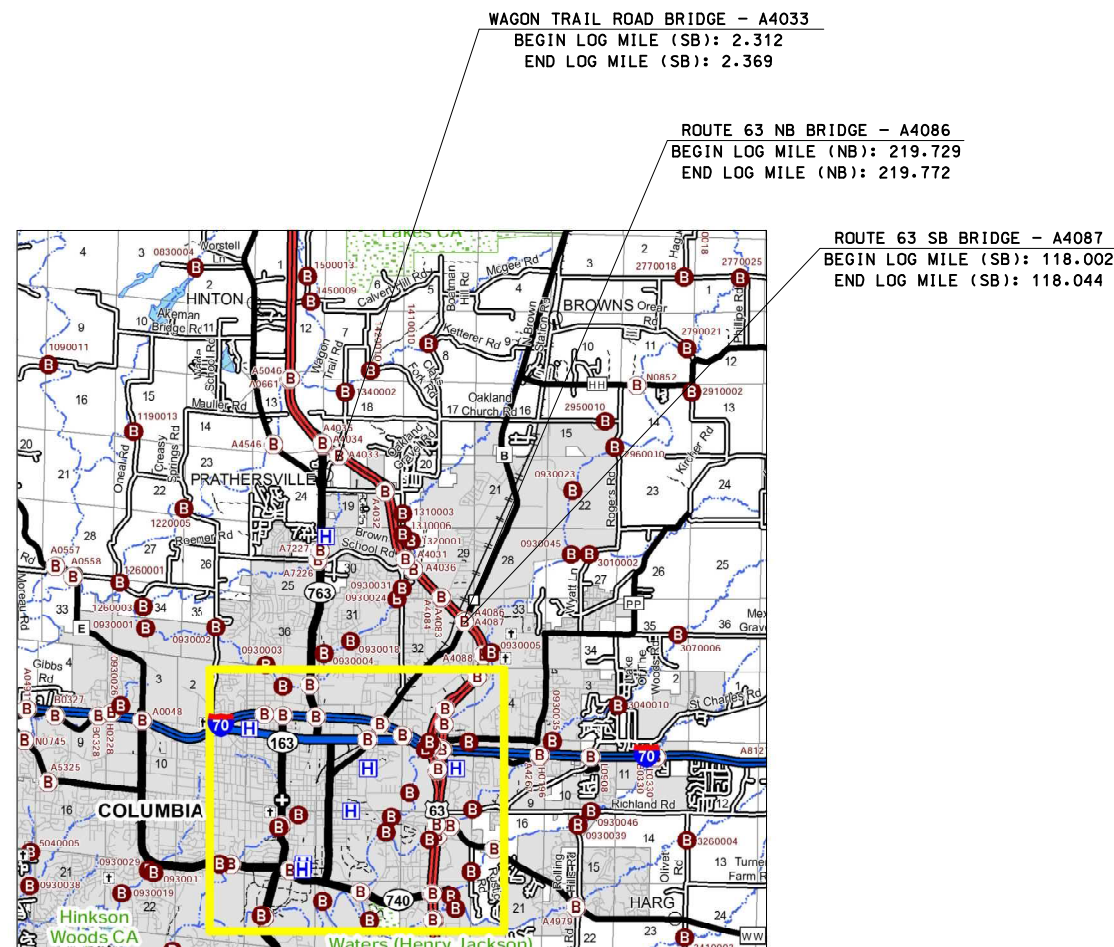
BRIDGE - A0201 (EB I-70)  
A.A.D.T. - 2023 = 23490  
V = 65 M.P.H.  
FUNCTIONAL CLASSIFICATION- MINOR COLLECTOR

### CONVENTIONAL SYMBOLS (USED IN PLANS)

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

NOTE: DASHED OR OPEN SYMBOLS INDICATE  
EXISTING FEATURES

KEY MAP   
LOCATION OF BOONE COUNTY



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.

DESCRIPTION	NUMBER
-------------	--------

TITLE SHEET .....	1
QUANTITIES (QU) (1 SHEET).....	2
TRAFFIC CONTROL SHEETS (TC).....	3-7



10/21/2025 1:44:30 PM  
PATRICK J. HAKE - CIVIL  
MO-PE-2010000826

DATE PREPARED  
10/21/2025

ROUTE VAR	STATE MO
DISTRICT CD	SHEET NO. 1

COUNTY  
BOONE

JOB NO.  
JCD0021

CONTRACT ID.
--------------

PROJECT NO.
-------------

BRIDGE NO.

[illegible]

TRANSPORTATION

MISSOURI HIGHWAYS AND TRAFFIC COMMISSION



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

## BRIDGE - A4033 (WAGON TRAIL ROAD)

BEGINNING OF PROJECT	LOG MILE	2.312 +/-
END OF PROJECT	LOG MILE	2.369 +/-

APPARENT LENGTH	301 FEET
-----------------	----------

BRIDGE - A4086 (ROUTE 63 NB)

BEGINNING OF PROJECT	LOG MILE	219.729 +/-
END OF PROJECT	LOG MILE	219.772 +/-

APPARENT LENGTH	227 FEET
-----------------	----------

BRIDGE - A4087 (ROUTE 63 SB)

BEGINNING OF PROJECT	LOG MILE	118.002 +/-
END OF PROJECT	LOG MILE	118.044 +/-

APPARENT LENGTH	222 FEET
-----------------	----------

NET LENGTH OF PROJECT	750 FEET
-----------------------	----------

STATE LENGTH	0.142 MILE
--------------	------------

FOR INFORMATION ONLY	
ESTIMATED DISTURBED ACRES	0 ACRE

NOT TO SCALE



SIGN	SIZE IN.	AREA SQ. FT.	QTY EACH	TOTAL AREA SQ. FT.	QTY RELOC EACH	TOTAL RELOC SQ. FT.	SIGN NO.	DESCRIPTION	SIGN	SIZE IN.	AREA SQ. FT.	QTY EACH	TOTAL SQ. FT.	QTY RELOC EACH	TOTAL RELOC SQ. FT.	SIGN NO.	DESCRIPTION	ITEM NUMBER	TOTAL QTY	EFFECTIVE: 07-01-2025	
																				DESCRIPTION	
WARNING SIGNS									GUIDE SIGNS												
W01-1L	48X48	16.00						TURN (SYMBOL LEFT)	E05-1	36X48	12.00						GORE EXIT	6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)	
W01-1R	48X48	16.00						TURN (SYMBOL RIGHT)	E05-2	48X36	12.00						EXIT OPEN	6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)	
W01-2L	48X48	16.00						CURVE (SYMBOL LEFT)	E05-2a	48X36	12.00						EXIT CLOSED	6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)	
W01-2R	48X48	16.00						CURVE (SYMBOL RIGHT)	GO20-1	60X24	10.00						ROAD WORK NEXT XX MILES	6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)	
W01-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)	GO20-2	48X24	8.00						END ROAD WORK	6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)	
W01-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)	GO20-4	36X18	4.50						PILOT CAR FOLLOW ME	6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)	
W01-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)	GO20-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW	6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)	
W01-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)	GO20-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW	6122020		REPLACEMENT SAND BARREL	
W01-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)	GO20-5aP	36X24	6.00	4	24.00			54	WORK ZONE (PLAQUE)	6122030		IMPACT ATTENUATOR (RELOCATION)	
W01-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-8a	24X18	3.00						END DETOUR	6122040		WORK ZONE CRASH CUSHION (NARROW)	
W01-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)	MO4-9L	48X36	12.00						DETOUR (LEFT)	6122041		WORK ZONE CRASH CUSHION (RELOCATION)	
W01-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-9R	48X36	12.00						DETOUR (RIGHT)	6123001		TRUCK MOUNTED ATTENUATOR (TMA)	
W01-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)	MO4-9P	48X12	4.00						STREET NAME (PLAQUE)	6161012		BUOYS (BOATS KEEP OUT)	
W01-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)	6161013		BUOYS (NO WAKE)	
W01-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)	6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)	
W01-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	REGULATORY SIGNS									6161020		CHANNELIZER (DRUM-LIKE)	
W01-8	18X24	3.00						CHEVRON (SYMBOL)	R1-1	48X48	13.25						STOP	6161022		CHANNELIZER (CONE)	
W01-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-2	48TRI.	6.93						YIELD	6161025	120*	CHANNELIZER (TRIM-LINE)	
W03-1	48X48	16.00						STOP AHEAD (SYMBOL)	R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)	6161026		CHANNELIZER (VERTICAL PANEL)	
W03-2	48X48	16.00						YIELD AHEAD (SYMBOL)	R1-3P	30X12	2.50						ALL WAY (PLAQUE)	6161030	12*	TYPE 3 MOVEABLE BARRICADE	
W03-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)	R2-1	36X48	12.00	8	96.00			4.25	SPEED LIMIT XX 4@55, 4@65	6161033	28*	DIRECTION INDICATOR BARRICADE	
W03-4	48X48	16.00						BE PREPARED TO STOP	R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)	6161040	4*	FLASHING ARROW PANEL	
W03-5	48X48	16.00						SPEED LIMIT AHEAD	R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)	6161047		TYPE 3 OBJECT MARKER	
W04-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)	R3-3	36X36	9.00						NO TURNS	6161055	28*	SEQUENTIAL FLASHING WARNING LIGHT	
W04-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)	R3-4	48X48	16.00						NO U-TURN (SYMBOL)	6161070		TUBULAR MARKER	
W04-1aL	48X48	16.00	2	32.00			6A	MERGE (LEFT)	R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT	6161095		RADAR SPEED ADVISORY SYSTEM	
W04-1aR	48X48	16.00	2	32.00			6A	MERGE (RIGHT)	R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT	6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED	
W05-1	48X48	16.00	4	64.00			43	ROAD/BRIDGE/RAMP NARROWS	R4-1	36X48	12.00	4	48.00			46	DO NOT PASS			CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED	
W05-3	48X48	16.00						ONE LANE BRIDGE	R4-2	36X48	12.00	4	48.00			46A	PASS WITH CARE	6161098A		CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED	
W05-5	48X48	16.00						NARROW LANES	R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)		4	CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED	
W06-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)	R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)	6161099		WORK ZONE TRAFFIC SIGNAL SYSTEM	
W06-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)	R5-1	30X30	6.25						DO NOT ENTER	6162000A		TEMPORARY LONG-TERM RUMBLE STRIPS	
W06-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)	R5-1a	36X24	6.00						WRONG WAY	6162002		TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED/RETAINED	
W07-3a	30X24	5.00						NEXT XX MILES (PLAQUE)	R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)			TEMP. TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED/RETAINED	
W08-1	48X48	16.00						BUMP	R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)	6173600D		TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION CONTRACTOR FURNISHED/RETAINED	
W08-2	48X48	16.00						DIP	R6-2L	24X30	5.00						ONE WAY (LEFT)			TEMP. TRAFFIC BARRIER HEIGHT TRANSITION, CONTRACTOR FURNISHED/RETAINED	
W08-3	48X48	16.00						PAVEMENT ENDS	R6-2R	24X30	5.00						ONE WAY (RIGHT)	6173700B		RELOCATING TEMP. TRAFFIC BARRIER	
W08-4	48X48	16.00						SOFT SHOULDER	R9-9	24X12	2.00						SIDEWALK CLOSED			RELOCATING TEMP. TRAFFIC BARRIER ANCHORED	
W08-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)	R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE	6173706		RELOCATING TEMP. TRAFFIC BARRIER STIFFNESS	
W08-6	48X48	16.00						TRUCK CROSSING									SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE	6174000A		TEMPORARY RAISED PAVEMENT MARKER	
W08-6c	48X48	16.00						TRUCK ENTRANCE	R9-11R	24X18	3.00						STOP HERE ON RED (45° ARROW)	6175010A		TEMPORARY TRAFFIC SIGNALS	
W08-7	36X36	9.00						LOOSE GRAVEL	R10-6	24X36	6.00						ROAD CLOSED	6175011B		TEMPORARY TRAFFIC SIGNALS AND LIGHTING	
W08-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL	R11-2	48X30	10.00						ROAD CLOSED XX MILES AHEAD	6175013			
W08-9	48X48	16.00						LOW SHOULDER									LOCAL TRAFFIC ONLY	6175020A			
W08-11	48X48	16.00						UNEVEN LANES	R11-3a	60X30	12.50						ROAD CLOSED TO THRU TRAFFIC	6208064A			
W08-12	48X48	16.00						NO CENTER LINE	R11-4	60X30	12.50							9029400			
W08-15	48X48	16.00						GROOVED PAVEMENT	CONST-3A	60X48	20.00	4	80.00			53	FINE SIGN	9029401			
W08-15P	30X24	5.00						MOTORCYCLE (PLAQUE)	CONST-3X	56X12	4.67	4	18.68			53	SPEEDING/PASSING (PLATE)				
W08-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)	MISCELLANEOUS SIGNS												
W08-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)	CONST-5	48X36	12.00						POINT OF PRESENCE	61699011LUMP SUM TEMPORARY TRAFFIC CONTROL (*ITEM INCLUDED)			
W08-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)	CONST-5	96X48	32.00						POINT OF PRESENCE				
W10-1	42RND.	9.62						RAILROAD CROSSING	CONST-8	48X36	12.00						WORK ZONE NO PHONE ZONE				
W012-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)													
W012-2	48X48	16.00						LOW CLEARANCE (SYMBOL)													
W012-2x	24X18	3.00						LOW CLEARANCE (PLAQUE)													
W012-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)													
W012-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD													
W012-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD													
W013-1	30X30	6.25						ADVISORY SPEED (PLAQUE)													
W016-2	30X24	5.00						XXX FEET (PLAQUE)													
W016-3	30X24	5.00						X MILE (PLAQUE)													
W020-1	48X48	16.00	8	128.00	6	96.00	2	ROAD/BRIDGE/RAMP WORK AHEAD	616-10.05 CONSTRUCTION SIGNS									TOTAL 859*			
W020-2	48X48	16.00						DETOUR AHEAD	616-10.10 RELOCATED SIGNS									TOTAL 96*			
W020-3	48X48	16.00						ROAD CLOSED AHEAD													
W020-4	48X48	16.00						ONE LANE ROAD AHEAD													
W020-5	48X48	16.00	6	96.00				RIGHT/CENTER/LEFT LANE CLOSED AHEAD													
W020-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD													
W020-6a	48X48	16.00	4	64.00			6	RIGHT/CENTER/LEFT LANE CLOSED													
W020-7a	48X48	16.00	2	32.00			8	FLAGGER (SYMBOL)													
W021-2	36X36	9.00						FRESH OIL													
W021-5	48X48	16.00	4	64.00			21	SHOULDER WORK / SHOULDER WORK AHEAD													
W022-1	48X48	16.00						BLASTING ZONE AHEAD													
W022-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE													
W022-3	42X36	10.50						END BLASTING ZONE													
GO22-1	21X15	2.19						WET PAINT (ARROW PIVOTS)													

MOBILIZATION

1 LUMP SUM

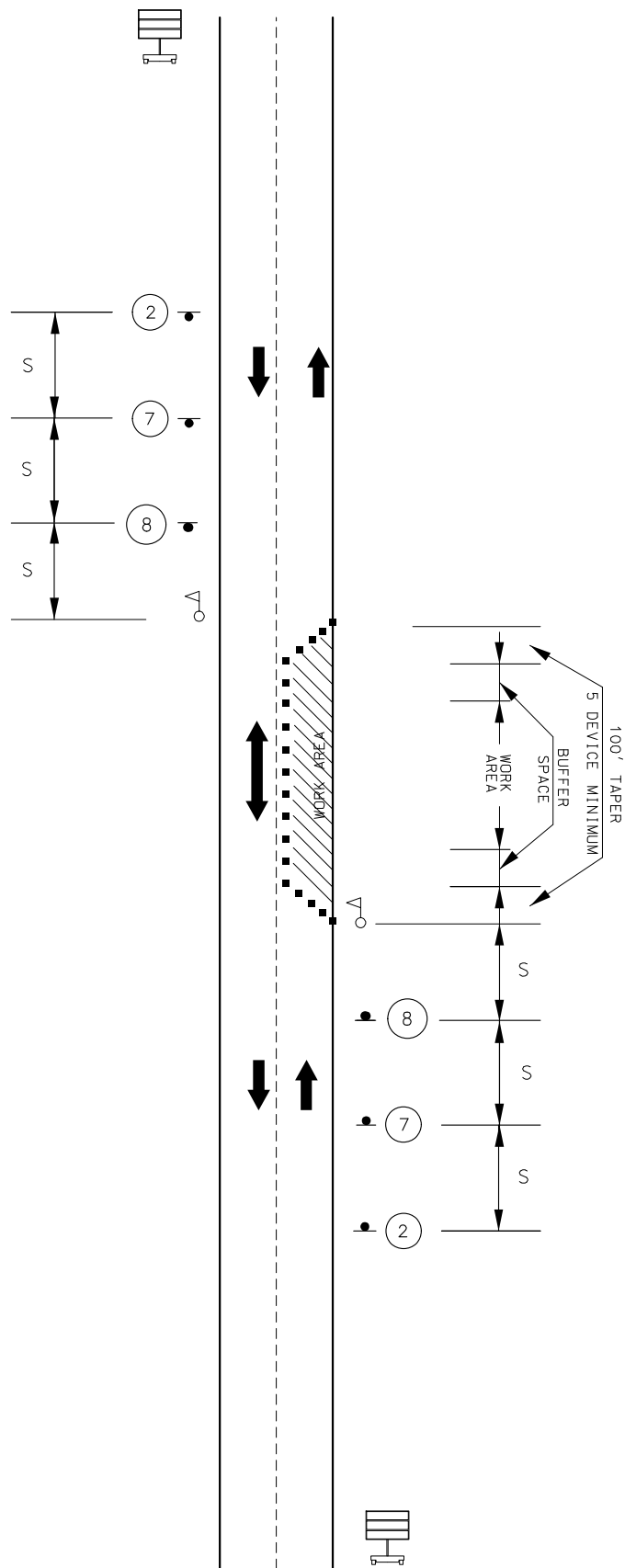
SUMMARY OF QUANTITIES  
SHEET 1 OF 1

STATE OF MISSOURI  
PATRICK J. HAKE  
NUMBER  
PE-2010000826  
PROFESSIONAL ENGINEER  
Boone Hake  
10/27/2025 1:44:22 PM  
PATRICK J. HAKE - CIVIL  
MO-PE-2010000826  
DATE PREPARED  
10/21/2025  
ROUTE  
VAR  
DISTRICT  
CD  
STATE  
MO  
SHEET NO.  
2  
COUNTY  
BOONE  
JOB NO.  
JCD0021  
CONTRACT ID.  
PROJECT NO.  
BRIDGE NO.

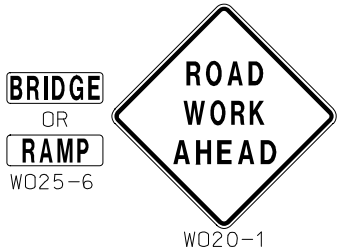
DESCRIPTION  
DATE

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





LANE CLOSURE ON TWO-LANE  
ROAD USING FLAGGERS



GROUND MOUNTED SIGN.  
SHALL BE IN PLACE DURING  
DURATION OF PROJECT.



NOTES:

AUTOMATED FLAGGER ASSISTANCE DEVICES (AFAD) AND PORTABLE SIGNAL FLAGGING DEVICES (PSFD) MAY BE USED AS AND ALTERNATIVE FLAGGING OPERATION AS APPROVED BY THE ENGINEER. NO DIRECT PAY.

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

GENERAL NOTES:

ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.

WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

ALL SIGNS SHALL BE PORTABLE UNLESS OTHERWISE NOTED.

ALL DISTANCES AND SPACING OF TRAFFIC CONTROL SIGNS AND DEVICES ARE APPROXIMATE AND MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS AND AS APPROVED BY THE ENGINEER.

CMS TO BE LOCATED AS APPROVED BY THE ENGINEER.

SIGN SPACING FOR ADVANCE SIGN SERIES (1) (2)		
PERMANENT POSTED SPEED MPH	UNDIVIDED 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'

TAPER LENGTHS AND SPACING FOR CHANNELIZERS							
PERMANENT POSTED SPEED MPH	MINIMUM LANE TAPER LENGTH (T2)			MINIMUM SHOULDER TAPER LENGTH BASED ON 10' SHOULDER (T1)	BUFFER LENGTH FT. (B)	MAXIMUM CHANNELIZER SPACING	
	10'	11'	12'			THROUGH TAPER	THROUGH WORK AREA
0-35	205'	225'	245'	70'	250'	35'	40'
40-45	450'	495'	540'	150'	360'	40'	80'
50-55	550'	605'	660'	185'	495'	50'	80'
60-70	700'	770'	840'	235'	730'	60'	120'

NOTES:

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

(2) SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS AND VISIBILTY.

NOT TO SCALE

TRAFFIC CONTROL LEGEND

SIGN (SINGLE SIDED)

DIRECTIONAL INDICATOR BARRICADE WITH SEQUENTIAL FLASHING WARNING LIGHTS

CHANNELIZER

WORK ZONE

FLASHING ARROW PANEL

STATE OF MISSOURI

PATRICK J. HAKE

NUMBER PE-2010000826

PROFESSIONAL ENGINEER

10/21/2025 1:44:12 PM

PATRICK J. HAKE - CIVIL

MO-PE-2010000826

DATE PREPARED

10/21/2025

ROUTE VAR

STATE MO

DISTRICT CD

SHEET NO. 3

COUNTY BOONE

JOB NO. JCD0021

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

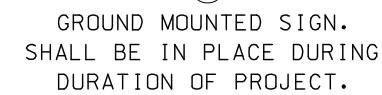
105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

MoDOT





NOTES:

LAYOUTS ARE TYPICAL FOR EITHER LANE IN EITHER DIRECTION






ALL THROUGH LANES TO BE OPENED TO TRAFFIC DURING NON-WORKING HOURS.

SIGN ④ MAY BE MOVED UPSTREAM IF THE ENGINEER DEEMS THE WORK ZONE REQUIRES ADVANCE SPEED LIMIT NOTIFICATION.

VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S ROTATING LIGHTS OR STROBE LIGHTS.

SEE TRAFFIC CONTROL SHEET 1 OF 5 FOR  
SIGN/DEVICE SPACING, BUFFER AND TAPER  
LENGTHS.

## TRAFFIC CONTROL LEGEND

	SIGN (SINGLE SIDED)
	DIRECTIONAL INDICATOR BARRICADE WITH SEQUENTIAL FLASHING WARNING LIGHTS
	CHANNELIZER
	WORK ZONE
	FLASHING ARROW PANEL

TEMPORARY TRAFFIC CONTROL

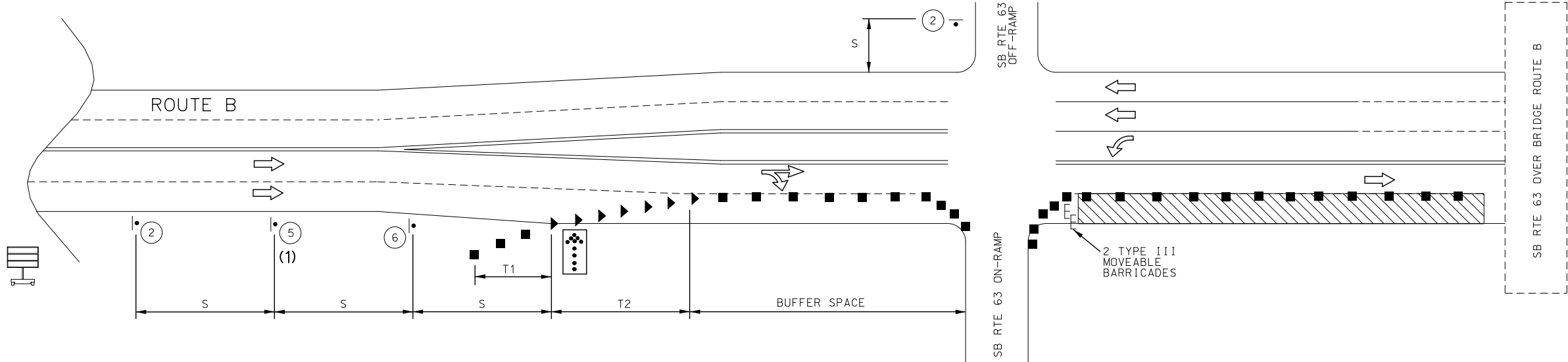
SHEET 2 OF 5

NOT TO SCALE

[illegible]



# LANE CLOSURE - ROUTE B UNDER ROUTE 63 BRIDGES



## NOTES

SEE TRAFFIC CONTROL SHEETS 1 AND 2 FOR SIGNS, SPACING AND TAPER LENGTHS.

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.

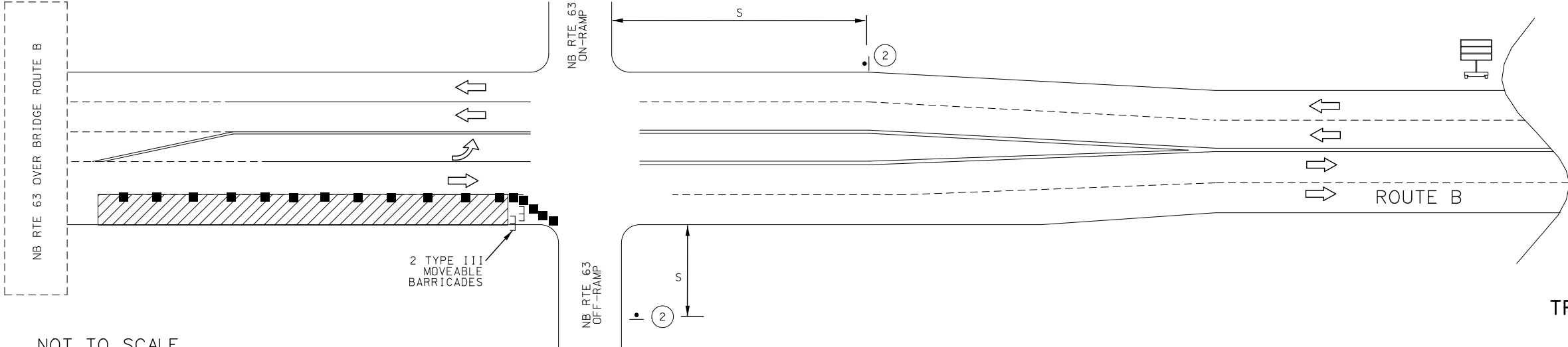
NO DIRECT PAY FOR REMOVAL OR REPLACEMENT OF PAVEMENT MARKINGS.

BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.

FOR SHORT TERM OPERATIONS, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10' DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACINGS ARE 1/2 OF THE SPACING SHOWN ON SHEETS 2 AND 3.

ANY EXISTING SIGNS THAT CONFLICT WITH TRAFFIC CONTROL PLANS SHALL BE COMPLETELY COVERED DURING WORKING HOURS.

(1) SIGN 5 MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.



TRAFFIC CONTROL  
SHEET 3 OF 5



DATE PREPARED

10/21/2025	
------------	--

ROUTE	STATE
VAB	MO

DISTRICT	SHEET NO.
----------	-----------

CD	5
----	---

COUNTY  
BOONE

JOB NO.
---------

JCD0021

CONTRACT ID.

PROJECT NO.	
-------------	--

10. *Journal of the American Medical Association*, 2000; 283: 2686-2692.

BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

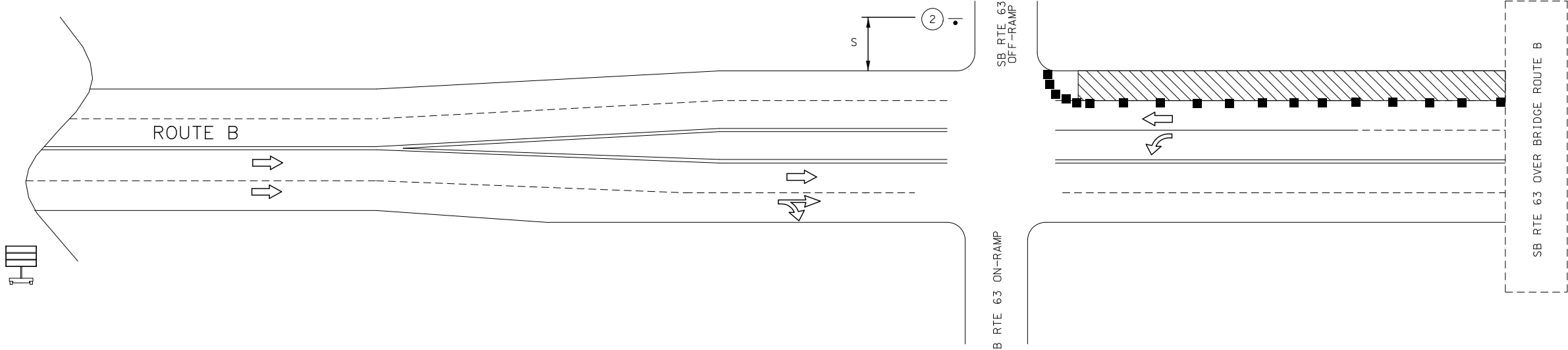
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)







# LANE CLOSURE - ROUTE B UNDER ROUTE 63 BRIDGES



NOTES:

SEE TRAFFIC CONTROL SHEETS 1 AND 2 FOR SIGNS, SPACING AND TAPER LENGTHS.

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.

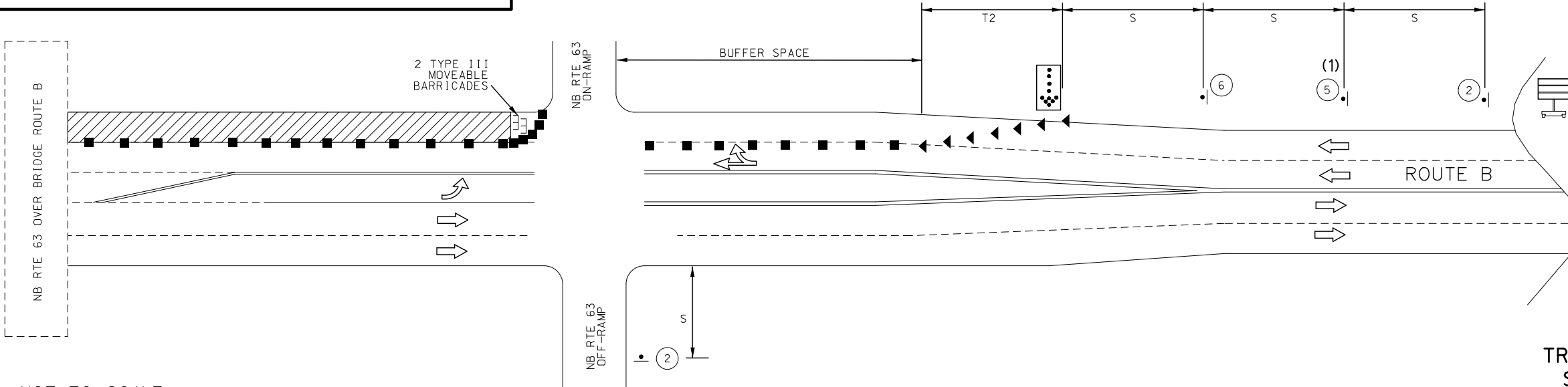
NO DIRECT PAY FOR REMOVAL OR REPLACEMENT OF PAVEMENT MARKINGS.

BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.

FOR SHORT TERM OPERATIONS, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10' DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACINGS ARE 1/2 OF THE SPACING SHOWN ON SHEETS 2 AND 3.

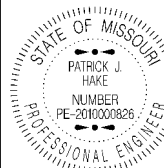
ANY EXISTING SIGNS THAT CONFLICT WITH TRAFFIC CONTROL PLANS SHALL BE COMPLETELY COVERED DURING WORKING HOURS.

(1) SIGN 5 MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.



NOT TO SCALE

TRAFFIC CONTROL  
SHEET 5 OF 5



10/21/2025 1:44:39 PM  
PATRICK J. HAKE - CIVIL  
MO DE 001000000000

DATE PREPARED  
0/21/202

ROUTE	STA
VAR	MO

DISTRICT	SHEET
CD	7

COUNTY  
BOONE

JCD0021

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION



105 WEST CAPITOL  
JEFFERSON CITY, MO 65102





# DESIGN DESIGNATION

ROUTE 179:

A.A.D.T. - 2025 = 842

V = 55 M.P.H.

FUNCTIONAL CLASSIFICATION- MAJOR COLLECTOR

ROUTE U:

A.A.D.T. - 2025 = 406

V = 55 M.P.H.

FUNCTIONAL CLASSIFICATION- MAJOR COLLECTOR

ROUTE 54:

A.A.D.T. - 2025 = 11,836

V = 65 M.P.H.

FUNCTIONAL CLASSIFICATION- FREEWAY/EXPRESSWAY

NO NEW R/W REQUIRED

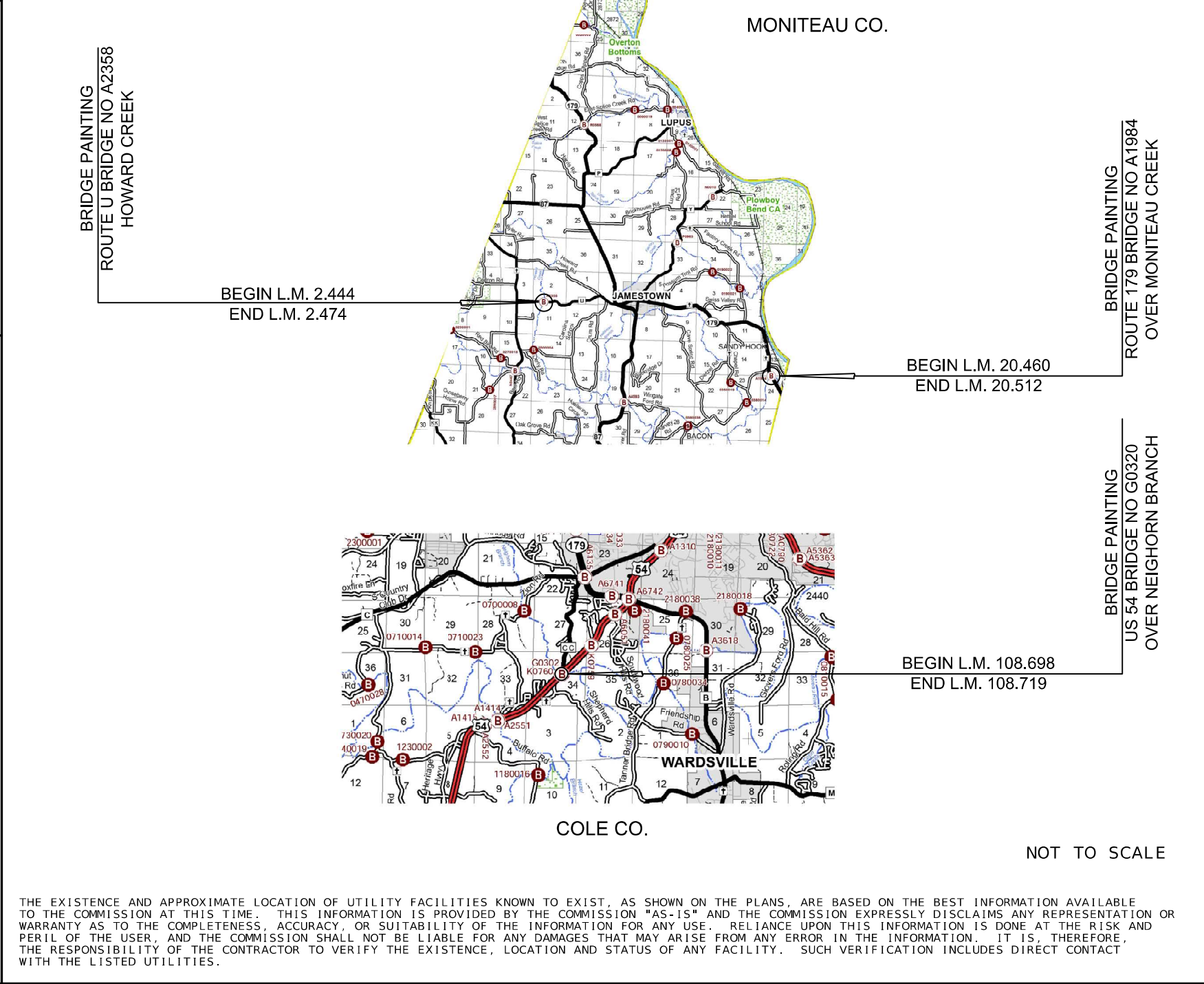
CONVENTIONAL SYMBOLS (USED IN PLANS)		EXISTING	NEW
BUILDINGS AND STRUCTURES			
GUARD RAIL			
GUARD CABLE			
CONCRETE RIGHT-OF-WAY MARKER			
STEEL RIGHT-OF-WAY MARKER			
LOCATION SURVEY MARKER			
UTILITIES			
FIBER OPTICS		-FO-	-FO-
OVERHEAD CABLE TV		-OTV-	-OTV-
UNDERGROUND CABLE TV		-UTV-	-UTV-
OVERHEAD TELEPHONE		-OT-	-OT-
UNDERGROUND TELEPHONE		-UT-	-UT-
OVERHEAD POWER		-OE-	-OE-
UNDERGROUND POWER		-UE-	-UE-
SANITARY SEWER		-S-	-S-
STORM SEWER		-SS-	-SS-
GAS		-G-	-G-
WATER		-W-	-W-
MANHOLE			
FIRE HYDRANT			
WATER VALVE			
WATER METER			
DROP INLET			
DITCH BLOCK			
GROUND MOUNTED SIGN			
LIGHT POLE			
H-FRAME POWER POLE			
TELEPHONE PEDESTAL			
FENCE			
CHAIN LINK			
WOVEN WIRE			
GATE POST			
BENCHMARK			

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

# MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

## PLANS FOR PROPOSED STATE HIGHWAY

### MONITEAU & COLE COUNTIES

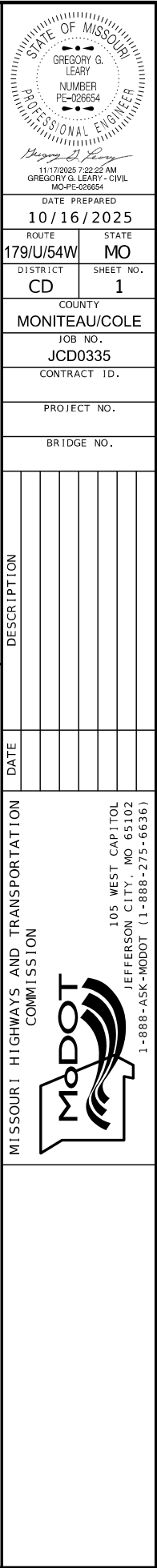


DESCRIPTION	SHEET NUMBER
TITLE SHEET -----	1
QUANTITIES (QU) (1 SHEETS)-----	2
TRAFFIC CONTROL SHEETS (TC)-----	3-7

# LENGTH OF PROJECT

<u>BRIDGE NO A2358</u>	
BEGINNING OF PROJECT	WB L.M. 2.444
END OF PROJECT	WB L.M. 2.474
APPARENT LENGTH	158.4 FEET
EQUATIONS AND EXCEPTIONS:	0.00 FEET
<u>BRIDGE NO A1984</u>	
BEGINNING OF PROJECT	NB L.M. 20.460
END OF PROJECT	NB L.M. 20.512
APPARENT LENGTH	274.6 FEET
EQUATIONS AND EXCEPTIONS:	0.00 FEET
<u>BRIDGE NO G0320</u>	
BEGINNING OF PROJECT	WB L.M. 108.698
END OF PROJECT	WB L.M. 108.719

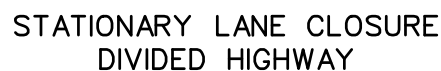
APPARENT LENGTH	110.9	FEET
EQUATIONS AND EXCEPTIONS:	0.00	FEET
TOTAL CORRECTIONS	0.00	FEET
NET LENGTH OF PROJECT	543.9	FEET
STATE LENGTH	0.103	MILES
FOR INFORMATION ONLY		
ESTIMATED DISTURBED ACRES	0	ACRES





SIGN	SIZE	AREA	QTY	TOTAL AREA	QTY	TOTAL RELOC	SIGN	DESCRIPTION	SIGN	SIZE	AREA	QTY	TOTAL	RELOC	TOTAL	SIGN	DESCRIPTION	ITEM	TOTAL	EFFECTIVE: 07-01-2025	
	IN.	SQ. FT.	EACH	SQ. FT.	EACH	SQ. FT.	NO.			IN.	SQ. FT.	EACH	SQ. FT.	EACH	SQ. FT.	NO.		NUMBER	QTY	DESCRIPTION	
WARNING SIGNS									GUIDE SIGNS												
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)	E05-1	36X48	12.00						GORE EXIT	6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)	
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)	E05-2	48X36	12.00						EXIT OPEN	6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)	
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)	E05-2a	48X36	12.00						EXIT CLOSED	6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)	
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)	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)	GO20-2	48X24	8.00						END ROAD WORK	6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)	
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)	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)	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)	GO20-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW	6122020		REPLACEMENT SAND BARREL	
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)	GO20-5aP	36X24	6.00	4	24.00			54	WORK ZONE (PLAQUE)	6122030		IMPACT ATTENUATOR (RELOCATION)	
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-8a	24X18	3.00						END DETOUR	6122040		WORK ZONE CRASH CUSHION (NARROW)	
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)	MO4-9L	48X36	12.00						DETOUR (LEFT)	6122041		WORK ZONE CRASH CUSHION (RELOCATION)	
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-9R	48X36	12.00						DETOUR (RIGHT)	6123001		TRUCK MOUNTED ATTENUATOR (TMA)	
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)	MO4-9P	48X12	4.00						STREET NAME (PLAQUE)	6161012		BUOYS (BOATS KEEP OUT)	
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)	6161013		BUOYS (NO WAKE)	
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)	6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)	
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	REGULATORY SIGNS									6161020		CHANNELIZER (DRUM-LIKE)	
WO1-8	18X24	3.00						CHEVRON (SYMBOL)	R1-1	48X48	13.25						STOP	6161022		CHANNELIZER (CONE)	
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-2	48TRI.	6.93						YIELD	6161025	51*	CHANNELIZER (TRIM-LINE)	
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)	R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)	6161026		CHANNELIZER (VERTICAL PANEL)	
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)	R1-3P	30X12	2.50						ALL WAY (PLAQUE)	6161030		TYPE 3 MOVEABLE BARRICADE	
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)	R2-1	36X48	12.00	2	24.00			4	SPEED LIMIT 55	6161033	14*	DIRECTION INDICATOR BARRICADE	
WO3-4	48X48	16.00	2	32.00			11	BE PREPARED TO STOP	R2-1	36X48	12.00	2	24.00			25	SPEED LIMIT 65	6161040	1*	FLASHING ARROW PANEL	
WO3-5	48X48	16.00						SPEED LIMIT AHEAD	R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)	6161047		TYPE 3 OBJECT MARKER	
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)	R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)	6161055	14*	SEQUENTIAL FLASHING WARNING LIGHT	
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)	R3-3	36X36	9.00						NO TURNS	6161070		TUBULAR MARKER	
WO4-1aL	48X48	16.00	1	16.00			6A	MERGE (LEFT)	R3-4	48X48	16.00						NO U-TURN (SYMBOL)	6161095		RADAR SPEED ADVISORY SYSTEM	
WO4-1aR	48X48	16.00	1	16.00			6A	MERGE (RIGHT)	R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT	6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED	
WO5-1	48X48	16.00	2	32.00			43	ROAD/BRIDGE/RAMP NARROWS	R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT	6161098A	3	CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED	
WO5-3	48X48	16.00						ONE LANE BRIDGE	R4-1	36X48	12.00	2	24.00			46	DO NOT PASS	6161099		CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED	
WO5-5	48X48	16.00						NARROW LANES	R4-2	36X48	12.00	2	24.00			46a	PASS WITH CARE	6162000A		CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED	
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)	R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)	6162002		WORK ZONE TRAFFIC SIGNAL SYSTEM	
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)	R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)	6173600D		TEMPORARY LONG-TERM RUMBLE STRIPS	
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)	R5-1	30X30	6.25						DO NOT ENTER	6173700B		TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED/RETAINED	
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)	R5-1a	36X24	6.00						WRONG WAY	6174000A		TEMP. TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED/RETAINED	
WO8-1	48X48	16.00						BUMP	R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)	6175010A		TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION, CONTRACTOR FURNISHED/RETAINED	
WO8-2	48X48	16.00						DIP	R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)	6175011B		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION, CONTRACTOR FURNISHED/RETAINED	
WO8-3	48X48	16.00						PAVEMENT ENDS	R6-2L	24X30	5.00						ONE WAY (LEFT)	6175013		RELOCATING TEMP. TRAFFIC BARRIER	
WO8-4	48X48	16.00						SOFT SHOULDER	R6-2R	24X30	5.00						ONE WAY (RIGHT)	6175011B		RELOCATING TEMP. TRAFFIC BARRIER ANCHORED	
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)	R9-9	24X12	2.00						SIDEWALK CLOSED	6175013		RELOCATING TEMP. TRAFFIC BARRIER STIFFNESS	
WO8-6	48X48	16.00						TRUCK CROSSING	R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE	6175020A		RELOCATING TEMP. TRAFFIC BARRIER HEIGHT	
WO8-6c	48X48	16.00						TRUCK ENTRANCE	R9-11R	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE	6208064A		TEMPORARY RAISED PAVEMENT MARKER	
WO8-7	36X36	9.00						LOOSE GRAVEL	R10-6	24X36	6.00						STOP HERE ON RED (45^ ARROW)	9029400		TEMPORARY TRAFFIC SIGNALS	
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL	R11-2	48X30	10.00						ROAD CLOSED	9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING	
WO8-9	48X48	16.00						LOW SHOULDER	R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY				
WO8-11	48X48	16.00						UNEVEN LANES	R11-4	60X30	12.50						ROAD CLOSED TO THRU TRAFFIC				
WO8-12	48X48	16.00						NO CENTER LINE	CONST-3A	60X48	20.00	2	40.00			53	FINE SIGN				
WO8-15	48X48	16.00						GROOVED PAVEMENT	CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)				
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)	MISCELLANEOUS SIGNS												
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)	CONST-5	48X36	12.00						POINT OF PRESENCE	6169901	1	LUMP SUM TEMPORARY TRAFFIC CONTROL (*ITEM INCLUDED)	
WO8-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)	CONST-5	96X48	32.00						POINT OF PRESENCE				
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)	CONST-8	48X36	12.00						WORK ZONE NO PHONE ZONE				
W10-1	42RND.	9.62						RAILROAD CROSSING													
WO12-1	24X24	4.00	1	4.00			3	DOUBLE DOWN ARROW (SYMBOL)													
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)													
WO12-2x	24X18	3.00						LOW CLEARANCE (PLAQUE)													
WO12-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)													
WO12-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD													
WO12-5	120X60	50.00																			





WO4 - 1aR

(6A)

**WORK  
ZONE**  
GO20 - 5aP  
54

R2 - 1

(25)

TRAFFIC CONTROL IS TYPICAL FOR EITHER LANE IN EITHER DIRECTION.

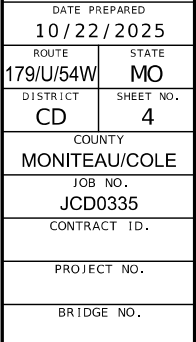
TEMPORARY TRAFFIC CONTROL SHEET  
STATIONARY LANE CLOSURE  
ON DIVIDED HIGHWAY  
SHEET 1 OF 5

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

**MoDOT**

105 WEST CAPITOL  
JEFFERSON CITY, MO 65102

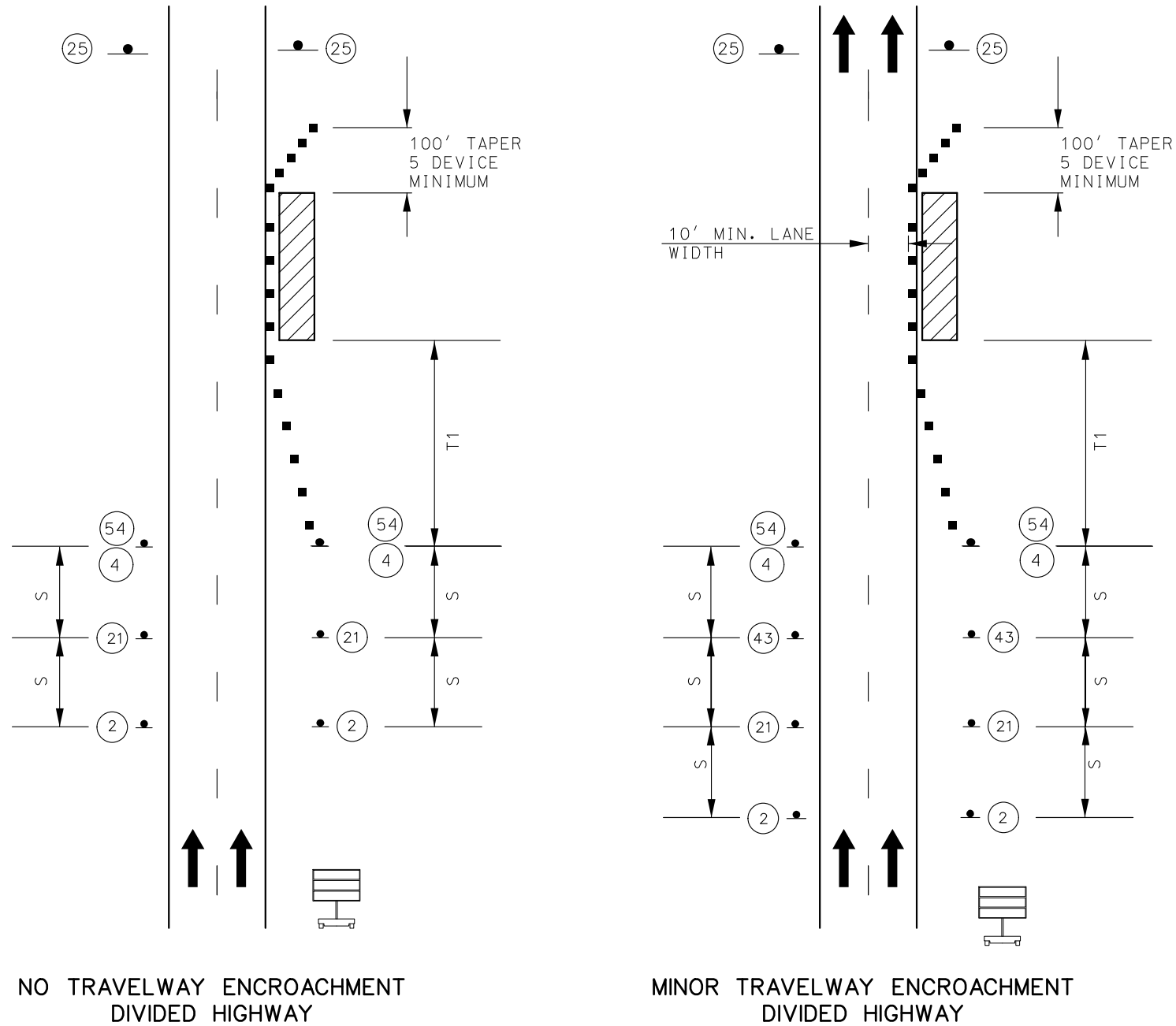


[illegible]



MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

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

--

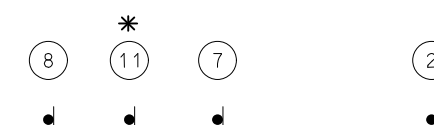
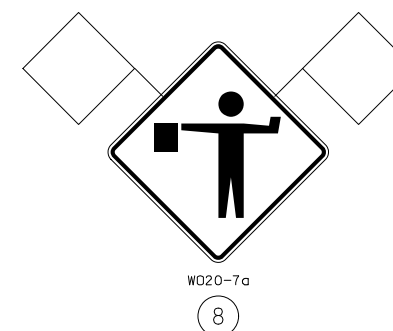
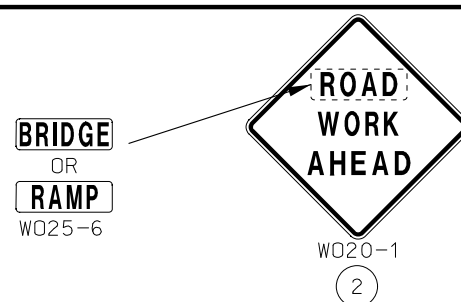
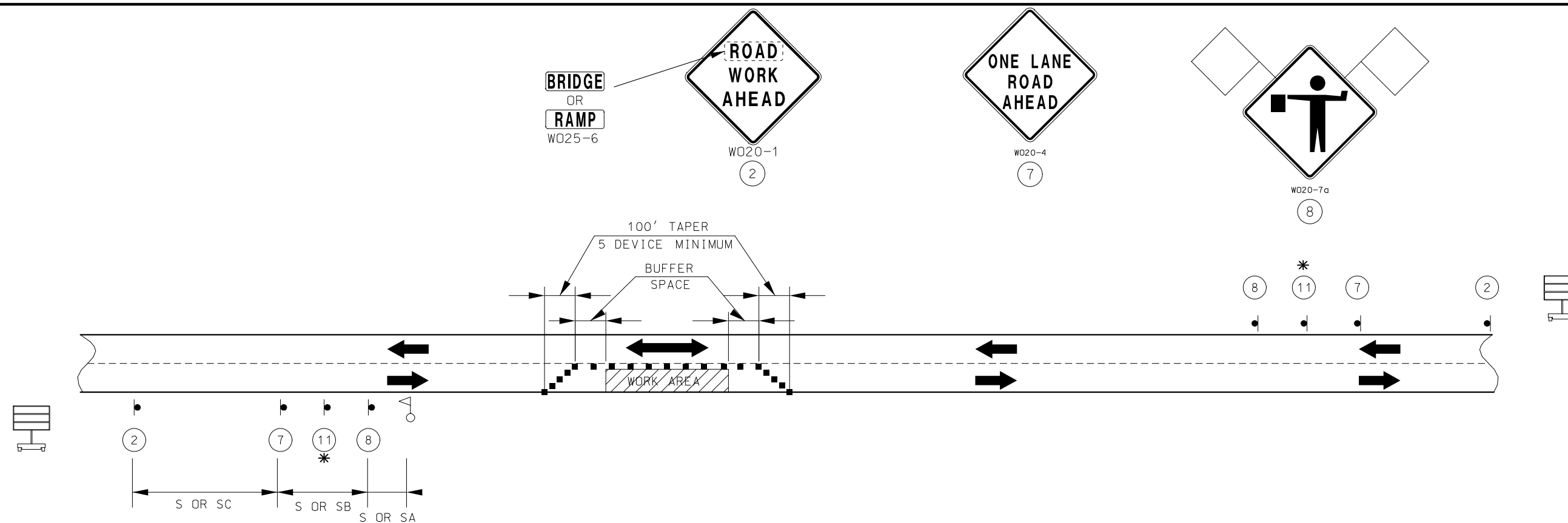


## TRAFFIC CONTROL LEGEND

●	SIGN (SINGLE SIDED)
▶	DIRECTIONAL INDICATOR BARRICADE WITH SEQUENTIAL FLASHING WARNING LIGHTS
■	CHANNELIZER
	WORK ZONE
	CHANGEABLE MESSAGE BOARD

TEMPORARY TRAFFIC CONTROL SHEET  
STATIONARY SHOULDER CLOSURE  
ON DIVIDED HIGHWAY  
SHEET 2 OF 5





\* THIS SIGN IS INSERTED BETWEEN  
SIGNS 7 & 8 WITH THE SPACING OF 1/2 THE  
STANDARD SPACING WHEN NO WORK ZONE  
SPEED LIMIT IS ESTABLISHED.

SEE TRAFFIC CONTROL SHEET 4 FOR SIGN SPACING, DEVICE SPACING AND CHANNELIZING TAPER LENGTHS.

CHANNELIZING DEVICES LOCATED DOWNSTREAM OF THE ONE-LANE, TWO-WAY TAPER ARE OPTIONAL. THESE DEVICES SHOULD BE ELIMINATED WHEN THEIR USE WILL REDUCE THE USABLE LANE WIDTH, INCLUDING ANY ACCEPTABLE SHOULDERS, TO LESS THAN 10' OR WILL SIGNIFICANTLY AFFECT THE RESURFACING OPERATION.

[illegible]



SIGN SPACING FOR ADVANCE SIGN SERIES (1) (2)		
PERMANENT POSTED SPEED MPH	UNDIVIDED 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'

PERMANENT POSTED SPEED MPH	UNDIVIDED 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'

0-35	200'	200'
40-45	350'	500'
50-55	500'	1000'
60-70	1000'	SA - 1000' SB - 1500' SC - 2640'

40-45	350'	500'
50-55	500'	1000'
60-70	1000'	SA - 1000' SB - 1500' SC - 2640'

50-55	500'	1000'
60-70	1000'	SA - 1000' SB - 1500' SC - 2640'

60-70	1000'	SA - 1000' SB - 1500' SC - 2640'
-------	-------	----------------------------------

NOTES:

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

(2) SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS AND VISIBILITY.

(3) TAPER LENGTHS SHOWN INCLUDE LENGTH REQUIRED FOR LANE AND 10' SHOULDER.

TAPER LENGTHS AND SPACING FOR CHANNELIZERS							
PERMANENT POSTED SPEED MPH	MINIMUM LANE TAPER LENGTH (3) (T2)			MINIMUM SHOULDER TAPER LENGTH BASED ON 10' SHOULDER (T1)	BUFFER LENGTH FT. (B)	MAXIMUM CHANNELIZER SPACING	
	10'	11'	12'			THROUGH TAPER	THROUGH WORK AREA
0-35	205'	225'	245'	70'	250'	35'*	40'*
40-45	450'	495'	540'	150'	360'	40'*	80'*
50-55	550'	605'	660'	185'	495'	50'**	80'**
60-70	700'	770'	840'	235'	730'	60'**	120'**

PERMANENT POSTED SPEED MPH	MINIMUM LANE TAPER LENGTH (3) (T2)			MINIMUM SHOULDER TAPER LENGTH BASED ON 10' SHOULDER (T1)	BUFFER LENGTH FT. (B)	MAXIMUM CHANNELIZER SPACING	
	10'	11'	12'			THROUGH TAPER	THROUGH WORK AREA
0-35	205'	225'	245'	70'	250'	35'*	40'*
40-45	450'	495'	540'	150'	360'	40'*	80'*
50-55	550'	605'	660'	185'	495'	50'**	80'**
60-70	700'	770'	840'	235'	730'	60'**	120'**

MPH	10'	11'	12'	BASED ON 10' SHOULDER (T1)	FT. (B)	TAPER	WORK AREA
0-35	205'	225'	245'	70'	250'	35'*	40'*
40-45	450'	495'	540'	150'	360'	40'*	80'*
50-55	550'	605'	660'	185'	495'	50'***	80'***
60-70	700'	770'	840'	235'	730'	60'***	120'***

40-45	450'	495'	540'	150'	360'	40'*	80'*
50-55	550'	605'	660'	185'	495'	50'**	80'**
60-70	700'	770'	840'	235'	730'	60'**	120'**

50-55	550'	605'	660'	185'	495'	50' **	80' **
60-70	700'	770'	840'	235'	730'	60' **	120' **

60-70	700'	770'	840'	235'	730'	60'✖✖	120'✖✖
-------	------	------	------	------	------	-------	--------

\* SPACING REDUCED TO 1/2 AT INTERSECTIONS.

✱✱ SPACING MAY BE REDUCED TO 1/2 AT INTERSECTIONS.

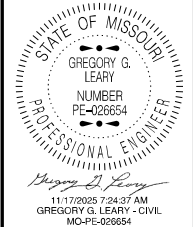
ROADWAY TYPE	SIGN HEIGHT	MAX. WORK ZONE LENGTH ( L )
URBAN	1' PORTABLE 7' POST	1 MILE
RURAL DIVIDED	1' PORTABLE 7' POST	2 MILE
RURAL UNDIVIDED	1' PORTABLE 5' POST	3 MILE

URBAN	1' PORTABLE 7' POST	1 MILE
RURAL DIVIDED	1' PORTABLE 7' POST	2 MILE
RURAL UNDIVIDED	1' PORTABLE 5' POST	3 MILE

RURAL DIVIDED	1' PORTABLE 7' POST	2 MILE
RURAL UNDIVIDED	1' PORTABLE 5' POST	3 MILE

RURAL UNDIVIDED	1' PORTABLE 5' POST	3 MILE
--------------------	------------------------	--------

TEMPORARY TRAFFIC CONTROL  
SIGN SPACING, DEVICE SPACING AND  
TAPER LENGTHS FOR WORK ZONES  
SHEET 4 OF 5



DATE PREPARED  
10/22/2025

ROUTE	STATE
179/U/54W	MO

DISTRICT	SHEET NO.
CD	6


COUNTY  
MONITEAU/COLE

JOB NO.  
JCD0335

CONTRACT ID.
--------------

PROJECT NO.
-------------

BRIDGE NO.

[illegible][illegible][illegible][illegible][illegible][illegible][illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

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



