

DESIGN DESIGNATION

I-155 (A1700)
A.A.D.T. - 2024 = 13666
A.A.D.T. - 2044 = 20359
D.H.V. = 7.17%
T = 34.57%
V = 70 M.P.H.
FUNCTIONAL CLASSIFICATION - INTERSTATE

NO NEW R/W

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		

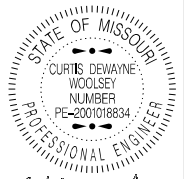
NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED
STATE HIGHWAY
PEMISCOT COUNTY



INDEX OF SHEETS

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



DATE PREPARED
11/28/2023
ROUTE
I - 155
STATE
MO
DISTRICT
SE
SHEET NO.
1
COUNTY
PEMISCOT
JOB NO.
J913729
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

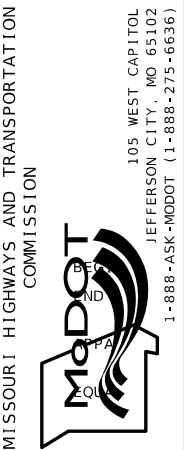
LENGTH OF PROJECT

BR# A1700
APPARENT LENGTH 1045.00 FEET

EQUATIONS AND EXCEPTIONS:

TOTAL CORRECTIONS 0 FEET
NET LENGTH OF PROJECT 1045.00 FEET
STATE LENGTH 0.198 MILES

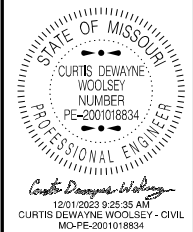
FOR INFORMATION ONLY
ESTIMATED DISTURBED ACRES 0 ACRES





BRIDGE WASHING			
LOCATION	COUNTY	BR A1700 LUMP SUM	REMARKS
I-155	PEMISCOT CO	1	INCLUDES FIRST 13 SPANS ONLY; NOT INCLUDING PIER 14
	TOTAL	1	

MOBILIZATION
LUMP SUM 1



DATE PREPARED	
11/28/2023	
ROUTE	STATE
I - 155	MO
DISTRICT	SHEET NO.
SE	2
COUNTY	
PEMISCOT	
JOB NO.	
J913729	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

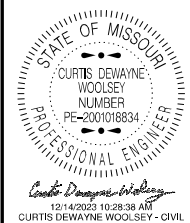
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

EFFECTIVE: 04-01-2023																						
SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.		SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.		ITEM NUMBER	TOTAL QTY	DESCRIPTION		
WARNING SIGNS								GUIDE SIGNS								DESCRIPTION						
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT ARROW)	E05-1	36X48	12.00							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	4	32					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							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	8	48					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		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	75	CHANNELIZER (TRIM LINE)	
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	REGULATORY SIGNS										6161030		TYPE III MOVEABLE BARRICADE	
WO1-8	18X24	3.00						CHEVRON (SYMBOL)	R1-1	48X48	13.25							STOP	6161033	45	DIRECTION INDICATOR BARRICADE	
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-2	48TRI	6.93							YIELD	6161040	2	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						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	8	96					SPEED LIMIT XX	6161070		TUBULAR MARKER	
WO3-4	48X48	16.00						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)			CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED	
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)	R3-3	36X36	9.00							NO TURNS	6161096			
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)	R3-4	48X48	16.00							NO U-TURN (SYMBOL)		2	CHANGEABLE MESSAGE SIGN W/O COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED	
WO4-1aL	48X48	16.00	2	32				MERGE (ARROW SYMBOL)	R3-7L	30X30	6.25							LEFT LANE MUST TURN LEFT	6161098A		CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED	
WO4-1aR	48X48	16.00	2	32				MERGE (ARROW SYMBOL)	R3-7R	30X30	6.25							RIGHT LANE MUST TURN RIGHT	6161099			
WO5-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS	R4-1	36X48	12.00	4	48					DO NOT PASS	6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM	
WO5-3	48X48	16.00						ONE LANE BRIDGE	R4-2	36X48	12.00	4	48					PASS WITH CARE	6162002		TEMPORARY LONG-TERM RUMBLE STRIPS	
WO5-5	48X48	16.00						NARROW LANES	R4-8a	36X48	12.00							KEEP LEFT (HORIZONTAL ARROW)			TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/RETAINED	
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)	R4-7a	36X48	12.00							KEEP RIGHT (HORIZONTAL ARROW)	6173600D		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/RETAINED	
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)	R5-1	30X30	6.25							DO NOT ENTER			TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/COMMISSION RETAINED	
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)	R5-1a	36X24	6.00							WRONG WAY	6173602B		CONTRACTOR FURNISHED/COMMISSION RETAINED	
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)	R6-1L	54X18	6.75							ONE WAY ARROW (LEFT)	6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION	
WO8-1	48X48	16.00						BUMP	R6-1R	54X18	6.75							ONE WAY ARROW (RIGHT)	6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER	
WO8-2	48X48	16.00						DIP	R6-2L	24X30	5.00							ONE WAY (LEFT)			TEMPORARY TRAFFIC BARRIER COMMISSION FURNISHED/RETAINED	
WO8-3	48X48	16.00						PAVEMENT ENDS	R6-2R	24X30	5.00							ONE WAY (RIGHT)	6176000B		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION COMMISSION FURNISHED/RETAINED	
WO8-4	48X48	16.00						SOFT SHOULDER	R9-9	24X12	2.00							SIDEWALK CLOSED			TEMP. TRAFFIC BARRIER HEIGHT TRANSITION COMMISSION FURNISHED/RETAINED	
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)	R9-11L	24X18	3.00							SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE	6177000B		TEMPORARY RAISED PAVEMENT MARKER	
WO8-6	48X48	16.00						TRUCK CROSSING (WITH FLAGS)	R9-11R	24X18	3.00							SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE	9029400		TEMPORARY TRAFFIC SIGNALS	
WO8-6c	48X48	16.00						TRUCK ENTRANCE	R10-6	24X36	6.00							STOP HERE ON RED (45° ARROW)	9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING	
WO8-7	36X36	9.00						LOOSE GRAVEL	R11-2	48X30	10.00							ROAD CLOSED				
WO8-7a	36X36	9.00						FRESH OIL/LOOSE GRAVEL										ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY				
WO8-9	48X48	16.00						LOW SHOULDER	R11-3a	60X30	12.50							ROAD CLOSED TO THRU TRAFFIC				
WO8-11	48X48	16.00						UNEVEN LANES	R11-4	60X30	12.50							FINE SIGN				
WO8-12	48X48	16.00						NO CENTER LINE	CONST-3A	60X48	20.00	4	80					SPEEDING/PASSING (PLATE)				
WO8-15	48X48	16.00						GROOVED PAVEMENT	CONST-3X	56X12	4.67	4	18.68									
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)	MISCELLANEOUS SIGNS													
WO8-17	48X48	16.00						SHOULDER DROP-OFF (SYMBOL)	CONST-5	48X36	12.00							POINT OF PRESENCE				
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)	CONST-5	96X48	32.00		</									

* NO DIRECT PAY FOR RELOCATION



ROAD
WORK
AHEAD

WO20 - 1

2

BRIDGE
OR
RAMP

SPEED
LIMIT
60

R2 - 1

4

RIGHT LANE
CLOSED
AHEAD

WO20 - 5

5

CENTER LANE
OR
LEFT LANE

RIGHT
LANE
CLOSED

WO20 - 6a

6

CENTER
OR
LEFT

MERGE

WO4 - 1aL

6A

MERGE

WO4 - 1aR

6B

SPEED
LIMIT
70

R2 - 1

25

END
ROAD WORK

GO20 - 2

26

DO
NOT
PASS

R4 - 1

46

PASS
WITH
CARE

R4 - 2

46A

MIN. \$250 FINE
SPEEDING
WHEN WORKERS
PRESENT

CONST - 3A

53

SPEEDING/PASSING

CONST - 3X

53A

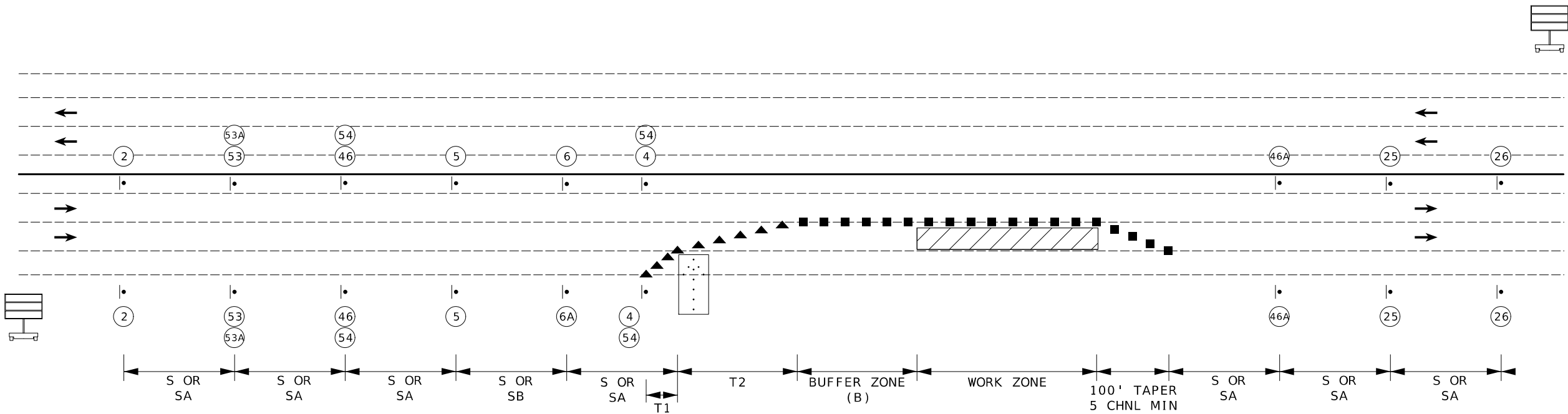
WORK
ZONE

GO20 - 5aP

54

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	280	35	40
40-45	-	500	150	540	400	40	80
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.



TYPICAL LANE CLOSURE

NOTES:

ALL LOCATIONS, DISTANCES, AND SPACING OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE AND MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.

SIGN QUANTITIES INCLUDE ADEQUATE TRAFFIC CONTROL ITEMS FOR TWO SET UPS OF TYPICAL LANE CLOSURES.

NO PAYMENT WILL BE MADE FOR RELOCATION OF CONTRUCTION SIGNS FOR THIS OPERATION.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- CHANNELIZER
- CHANGEABLE MESSAGE BOARD
- FLASHING ARROW PANEL

STATE OF MISSOURI
CURTIS DEWAYNE WOOLSEY
NUMBER
PE-2001018834
PROFESSIONAL ENGINEER

Curtis Dewayne Woolsey
12/14/2023 10:28:48 AM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO-PE-2001018834
DATE PREPARED

12/14/2023

ROUTE
I - 155

STATE
MO

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SE

SHEET NO.
3

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PEMISCOT

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DESCRIPTION

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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

TRAFFIC CONTROL
SHEET 1 OF 1