

DESIGN DESIGNATION

I-55 N/O RTE 80
A.A.D.T. - 2024 = 21324
A.A.D.T. - 2044 = 26160
D.H.V. = 6.83%
T = 55.79%
V = 70 M.P.H.

I-55 S/O RTE 80
A.A.D.T. - 2024 = 18485
A.A.D.T. - 2044 = 20130
D.H.V. = 7.25%
T = 53.66%
V = 70 M.P.H.

FUNCTIONAL CLASSIFICATION - INTERSTATE

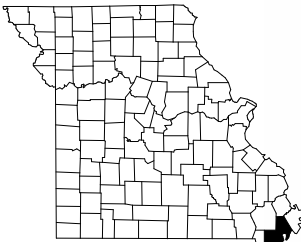
NO NEW R/W

CONVENTIONAL SYMBOLS
(USED IN PLANS)

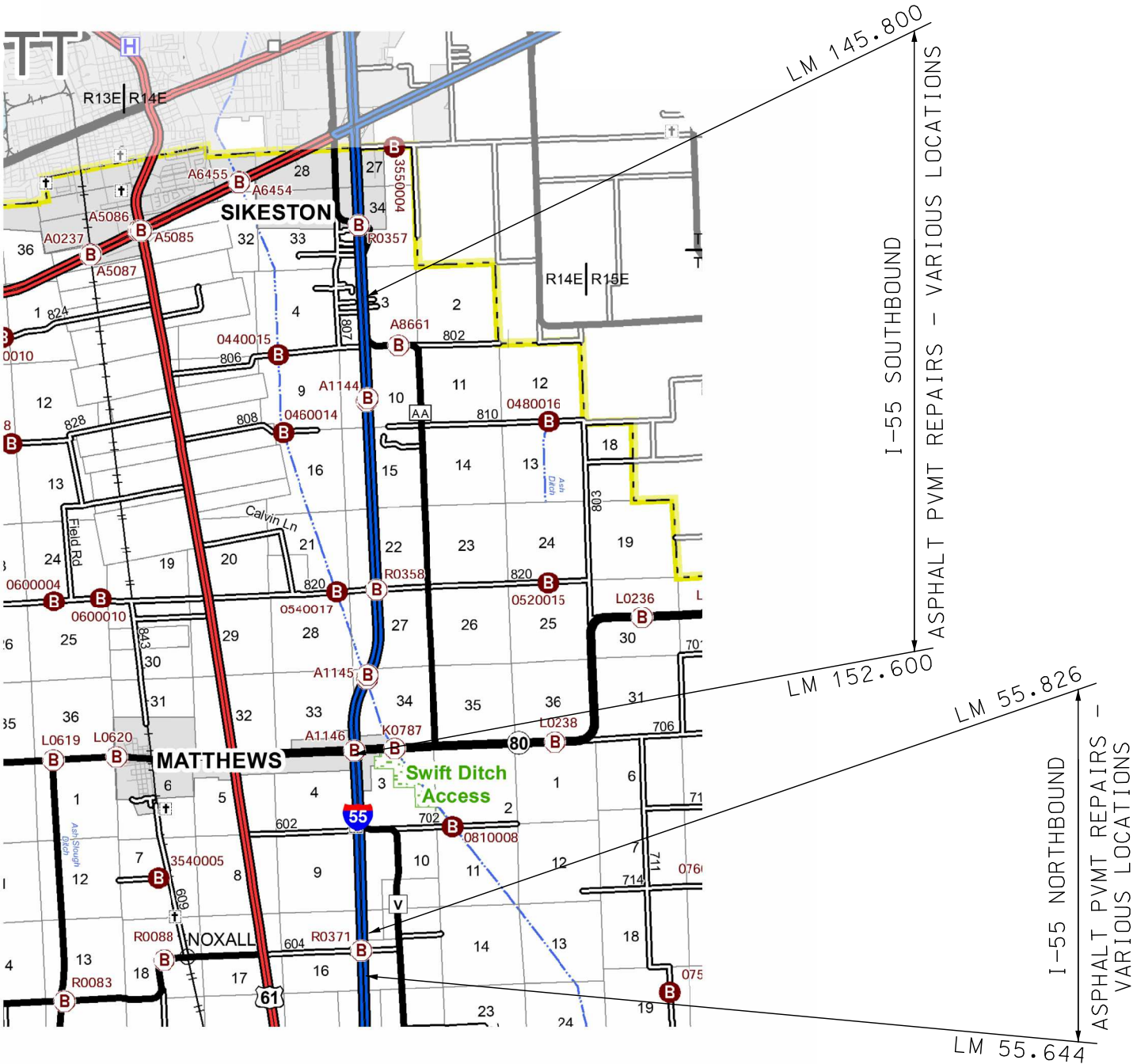
	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
GUARD CABLE		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS	-FO-	-FO-
OVERHEAD CABLE TV	-OTV-	-OTV-
UNDERGROUND CABLE TV	-UTV-	-UTV-
OVERHEAD TELEPHONE	-OT-	-OT-
UNDERGROUND TELEPHONE	-UT-	-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	-V-	-V-
WOVEN WIRE	-X-	-X-
GATE POST		
BENCHMARK		

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED
STATE HIGHWAY
NEW MADRID COUNTY



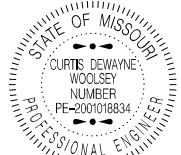
KEY MAP
LOCATION OF NEW MADRID COUNTY



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.

INDEX OF SHEETS

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



DATE PREPARED
1/23/2024

ROUTE 55
DISTRICT SE
STATE MO
SHEET NO. 1

COUNTY
NEW MADRID
JOB NO.
J913831
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)

LENGTH OF PROJECT

I-55 NB	
BEGINNING OF PROJECT	LOG MILE 145.800
END OF PROJECT	LOG MILE 152.600

APPARENT LENGTH 35904.00 FEET

EQUATIONS AND EXCEPTIONS:
TOTAL CORRECTIONS 0.00 FEET

I-55 SB	
BEGINNING OF PROJECT	LOG MILE 55.644
END OF PROJECT	LOG MILE 55.826

APPARENT LENGTH 960.96 FEET

EQUATIONS AND EXCEPTIONS:
TOTAL CORRECTIONS 0.00 FEET

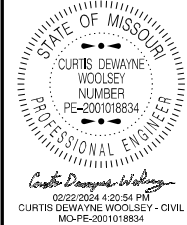
NET LENGTH OF PROJECT 36864.96 FEET
STATE LENGTH 6.982 MILES

FOR INFORMATION ONLY
ESTIMATED DISTURBED ACRES 0 ACRES

MOBILIZATION
LUMP SUM 1

PAVEMENT												
COUNTY	ROUTE	DIR	LOG MI	LOG MI	LENGTH FT	WIDTH FT	DEPTH IN	2" SP125B PG 76-22 2.004 TON/CY TONS	2" SP125C PG 76-22 2.025 TON/CY TONS	TACK 0.1 GAL/SY GAL	COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACE GREATER THAN 3 IN THICK SY	REMARKS
NEW MADRID	I-55	SB	145.800	145.838	200	12	4	29.69	30.00	53.3	266.7	DRIVING LANE (MM 64.2)
NEW MADRID	I-55	SB	147.214	147.223	50	12	4	7.42	7.50	13.3	66.7	DRIVING LANE (MM 62.5)
NEW MADRID	I-55	SB	151.905	152.600	3670	12	4	544.79	550.50	978.7	4893.3	DRIVING LANE (MM 58.0 - MM 57.2)
NEW MADRID	I-55	NB	55.644	55.826	960	12	4	142.51	144.00	256.0	1280.0	DRIVING LANE (MM 55.6 - MM 55.8)
TOTAL								724.5	732.0	1302	6507	
TOP LIFT SHALL BE 2" SP125B OVER 2" SP125C WITH TACK ON MILLED SURFACE AND BETWEEN PAVEMENT LAYERS. LOG MILES ARE APPROXIMATE. EXACT LOCATIONS TO BE DETERMINED BY ENGINEER.												

PERMANENT PAVEMENT MARKING				
LOG MI	LENGTH	HIGH BUILD PAVEMENT MARKING PAINT TYPE L BEADS		REMARKS
		6" INT WHITE LF	6" SOLID WHITE LF	
VAR	4880.00	1220.0	4880.0	
	TOTAL	1220.0	4880.0	
	USE	6100		
LOG MILES ARE APPROXIMATE. SEE PAVEMENT MARKING LOG JSP.				



DATE PREPARED 2/21/2024	
ROUTE 55	STATE MO
DISTRICT SE	SHEET NO. 2
COUNTY NEW MADRID	
JOB NO. J913831	
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)

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

G020-2

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

G020-5aP

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
Permanent Posted (mph)							
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.

The diagram illustrates a typical lane closure on I-55. It shows a cross-section of the highway with multiple lanes. Traffic is shown moving from left to right. The closure is indicated by a hatched area in the center. Various signs are placed along the road, including 'ROAD WORK AHEAD', 'SPEED LIMIT 60', 'RIGHT LANE CLOSED AHEAD', 'CENTER LANE OR LEFT LANE', 'MERGE', 'SPEED LIMIT 70', 'END ROAD WORK', 'DO NOT PASS', and 'PASS WITH CARE'. Channelizers and direction indicators are also shown. A 'CHANGEABLE MESSAGE BOARD' is located on the left side. The diagram is labeled 'TYPICAL LANE CLOSURE I-55 *'.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- DIB (DIRECTION INDICATOR BARRICADE)
- FLASHING ARROW PANEL
- TMA (TRUCK MOUNTED ATTENUATOR)

* QUANTITIES ARE INCLUDED FOR (2) LANE CLOSURE SET-UPS

DRAWING NOT TO SCALE

STATE OF MISSOURI
CURTIS DEWAYNE WOOLSEY
NUMBER
PE-2001018834
PROFESSIONAL ENGINEER
01/23/2024 2:30:00 PM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO-PE-2001018834

DATE PREPARED
1/23/2024

ROUTE
55

DISTRICT
SE

STATE
MO

SHEET NO.
3

COUNTY
NEW MADRID

JOB NO.
J913831

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 1 OF 5

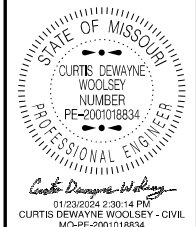


OF



SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
Permanent Posted (mph)	Undivided (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.							

- SIGN (SINGLE SIDED)
- CHANNELIZER
- DIRECTIONAL INDICATOR
BARRICADE (DIB)
- FLASHING ARROW PANEL
- TMA (TRUCK MOUNTED
ATTENUATOR)



DATE PREPARED	
1/23/2024	
ROUTE	STATE
55	MO
DISTRICT	SHEET NO.
SE	4

COUNTY
NEW MADRID
JOB NO.
J9I3831
CONTRACT ID.

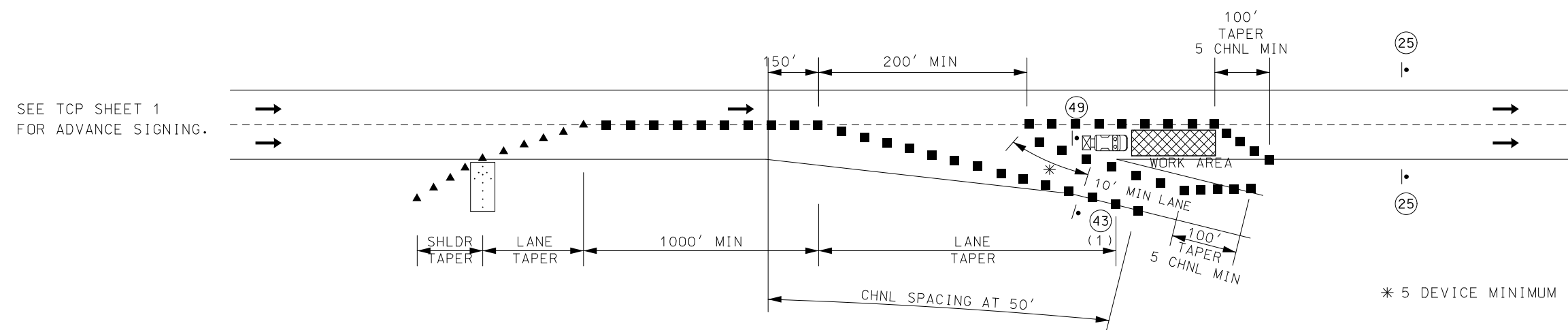
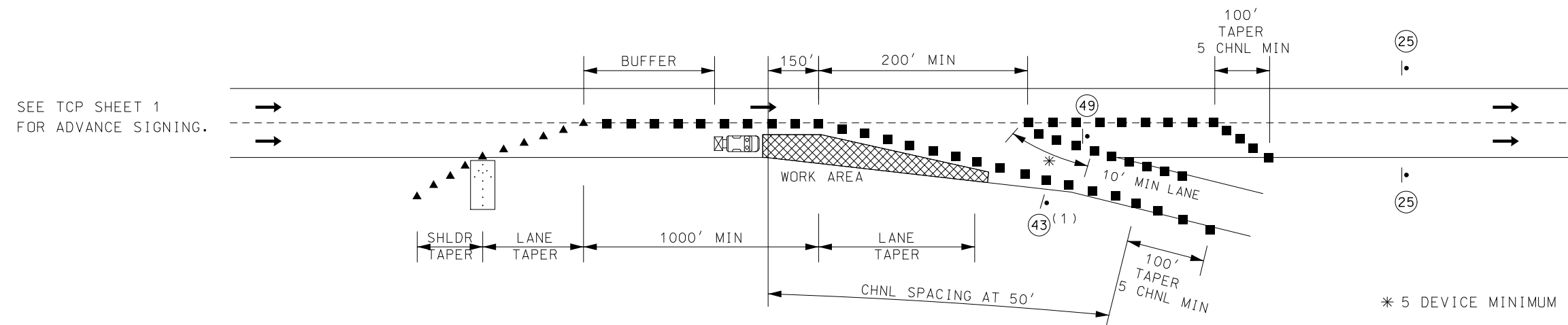
PROJECT NO.

BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

TRAFFIC CONTROL
SHEET 2 OF 5



NO PAYMENT WILL BE MADE FOR RELOCATION
OF CONSTRUCTION SIGNS FOR THIS OPERATION

(1) SIGN ONLY REQUIRED WHEN RAMP WIDTH IS REDUCED

EXIT RAMP DETAILS

DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.



BRIDGE
OR
RAMP



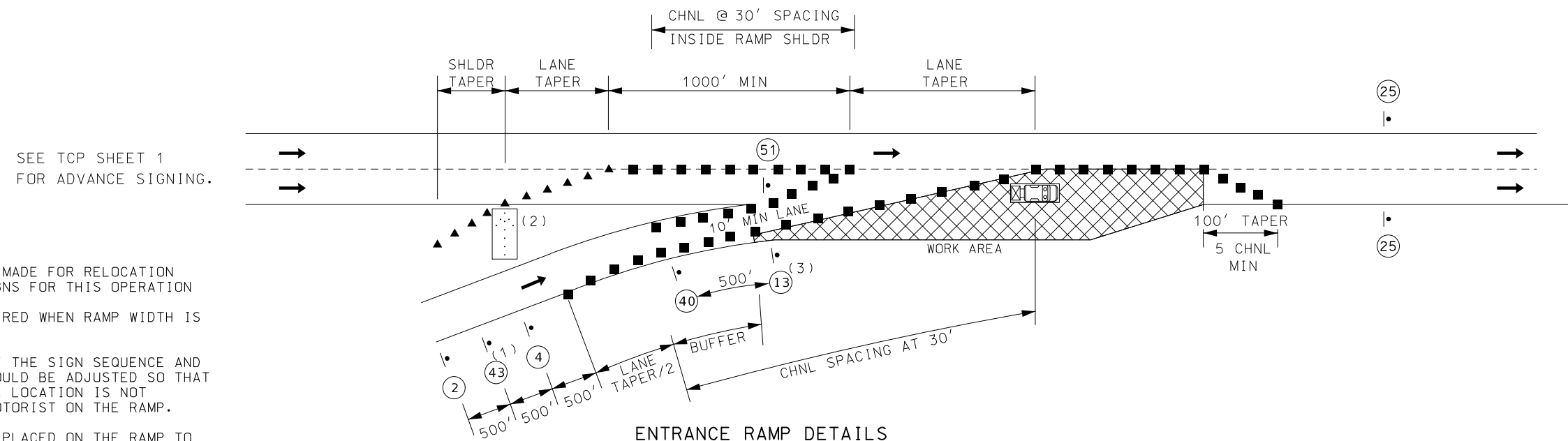
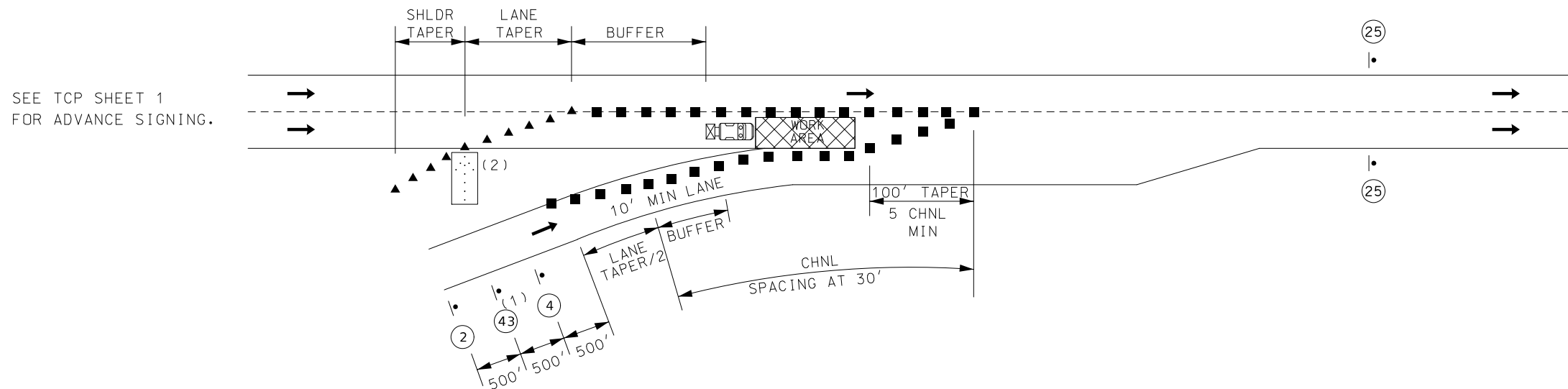
BRIDGE
OR
RAMP



SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
Permanent Posted (mph)	Undivided (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.							

TRAFFIC CONTROL LEGEND

- | | | | |
|---|--------------------------------|---|--|
|  | SIGN (SINGLE SIDED) |  | DIRECTIONAL INDICATOR
BARRICADE (DIB) |
|  | CHANNELIZER |  | FLASHING ARROW PANEL |
|  | TMA (TRUCK MOUNTED ATTENUATOR) | | |

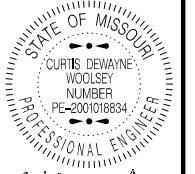


NOTE:

NO PAYMENT WILL BE MADE FOR RELOCATION
OF CONSTRUCTION SIGNS FOR THIS OPERATION

- (1) SIGN ONLY REQUIRED WHEN RAMP WIDTH IS REDUCED
- (2) THE LOCATION OF THE SIGN SEQUENCE AND MERGE TAPER SHOULD BE ADJUSTED SO THAT THE ARROW PANEL LOCATION IS NOT CONFUSING TO MOTORIST ON THE RAMP.
- (3) SIGN SHOULD BE PLACED ON THE RAMP TO PROVIDE ADEQUATE VISIBILITY OF MAINLINE TRAFFIC.

DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.



01/23/2024 2:30:27 PM
CURTIS DEWAYNE WOOLSEY - CIVIL
MO. DE. 2001018824

DATE PREPARED
1/23/2024

ROUTE 55	STATE MO
-------------	-------------

DISTRICT	SHEET NO.
SE	5

COUNTY
NEW MADRID

JOB NO.
J9I3831

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

TRAFFIC CONTROL
SHEET 3 OF 5



WO20-1

2

BRIDGE

OR

RAMP



WO5 - 1

43

BRIDGE

OR

RAMP

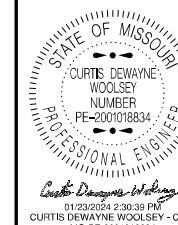
TRAFFIC CONTROL LEGEND

• SIGN (SINGLE SIDED)

▲ DIRECTIONAL INDICATOR
BARRICADE (DIB)

■ CHANNELIZER

 TMA (TRUCK MOUNTED
ATTENUATOR)



DATE PREPARED

1/23/2024

ROUTE
55

STATE
MO

DISTRICT
SE

SHEET NO
6

COUNTY

NEW MADRID

JOB NO.

J913831

CONTRACT ID.

PROJECT NO.

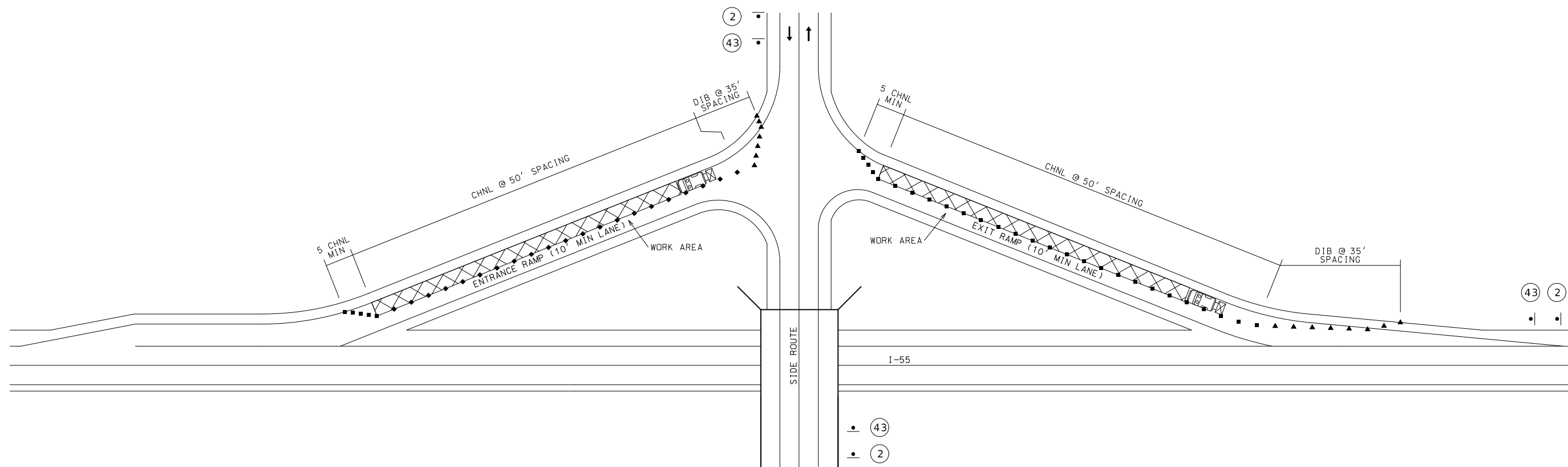
BRIDGE NO.

[illegible]

TRANSPORTATION
105 WEST CAPITOL
PERSON CITY, MO 65102

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



NOTE:

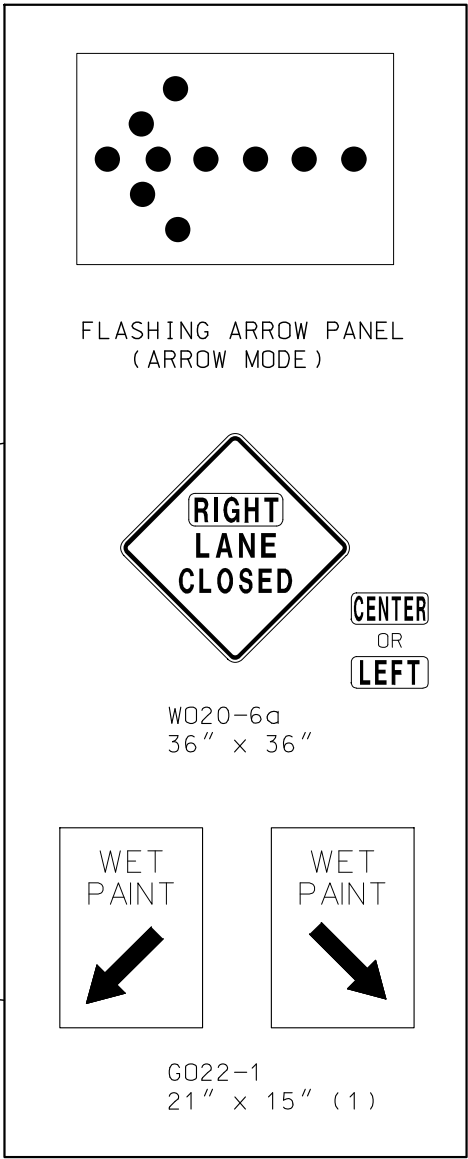
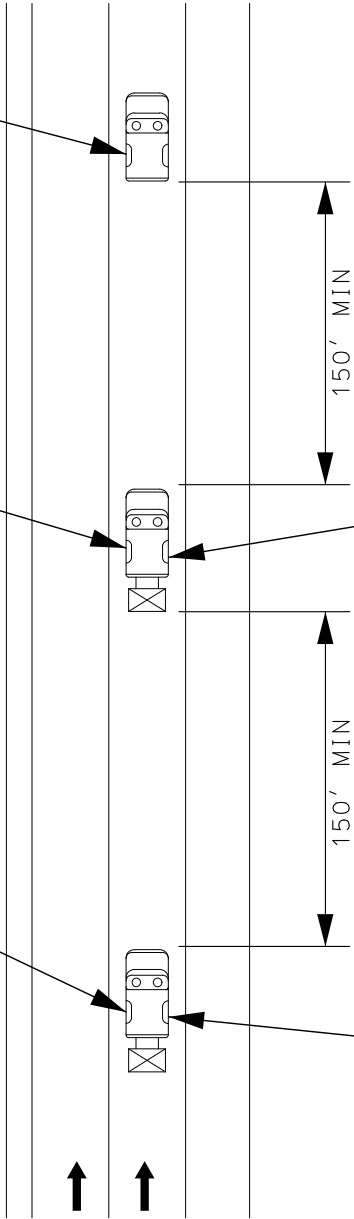
NO PAYMENT WILL BE MADE FOR RELOCATION
OF CONSTRUCTION SIGNS FOR THIS OPERATION

DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.

PAVEMENT MARKING EQUIPMENT

WARNING TRUCK WITH WORK SIGNS,
FLASHING ARROW PANEL, AND TRUCK
MOUNTED ATTENUATOR.

ADVANCED WARNING TRUCK WITH
WORK SIGNS, FLASHING ARROW
PANEL, AND TRUCK MOUNTED
ATTENUATOR. (2)



NOTES:

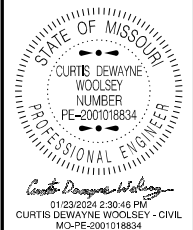
ALL WARNING TRUCKS SHALL BE EQUIPPED WITH
WORK SIGNS, FLASHING ARROW PANEL, TRUCK
MOUNTED ATTENUATOR, AND A MINIMUM OF TWO
FLASHING AMBER WARNING LIGHTS.

TRUCK SPACING MAY BE ADJUSTED AT THE
DISCRETION OF THE ENGINEER.

(1) WET PAINT SIGNS ARE INSTALLED TO
INDICATE THE SIDE IN WHICH THE
PAVEMENT MARKING MATERIAL IS
BEING APPLIED. AT THE CONTRACTOR'S
OPTION, A FRONT FACING WET PAINT
SIGN MAY BE INSTALLED ON THE LEFT
SIDE OF THE PAVEMENT MARKING
EQUIPMENT.

(2) REAR WARNING TRUCK IS POSITIONED AT
THE NO TRACK POINT OF THE PAVEMENT
MARKING MATERIAL OR SPACING SHOWN,
WHICHEVER IS GREATER.

MOVING OPERATION – OPEN TO TRAFFIC
DIVIDED HIGHWAY



DATE PREPARED 1/23/2024	
ROUTE 55	STATE MO
DISTRICT SE	SHEET NO. 7
COUNTY NEW MADRID	
JOB NO. J913831	
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