

DESIGN DESIGNATION

A.A.D.T. - 2025 = 42,769
V = 70 M.P.H.

FUNCTIONAL CLASSIFICATION- INTERSTATE

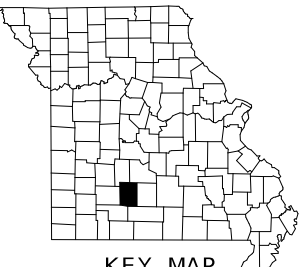
NO NEW R/W REQUIRED

CONVENTIONAL SYMBOLS
(USED IN PLANS)

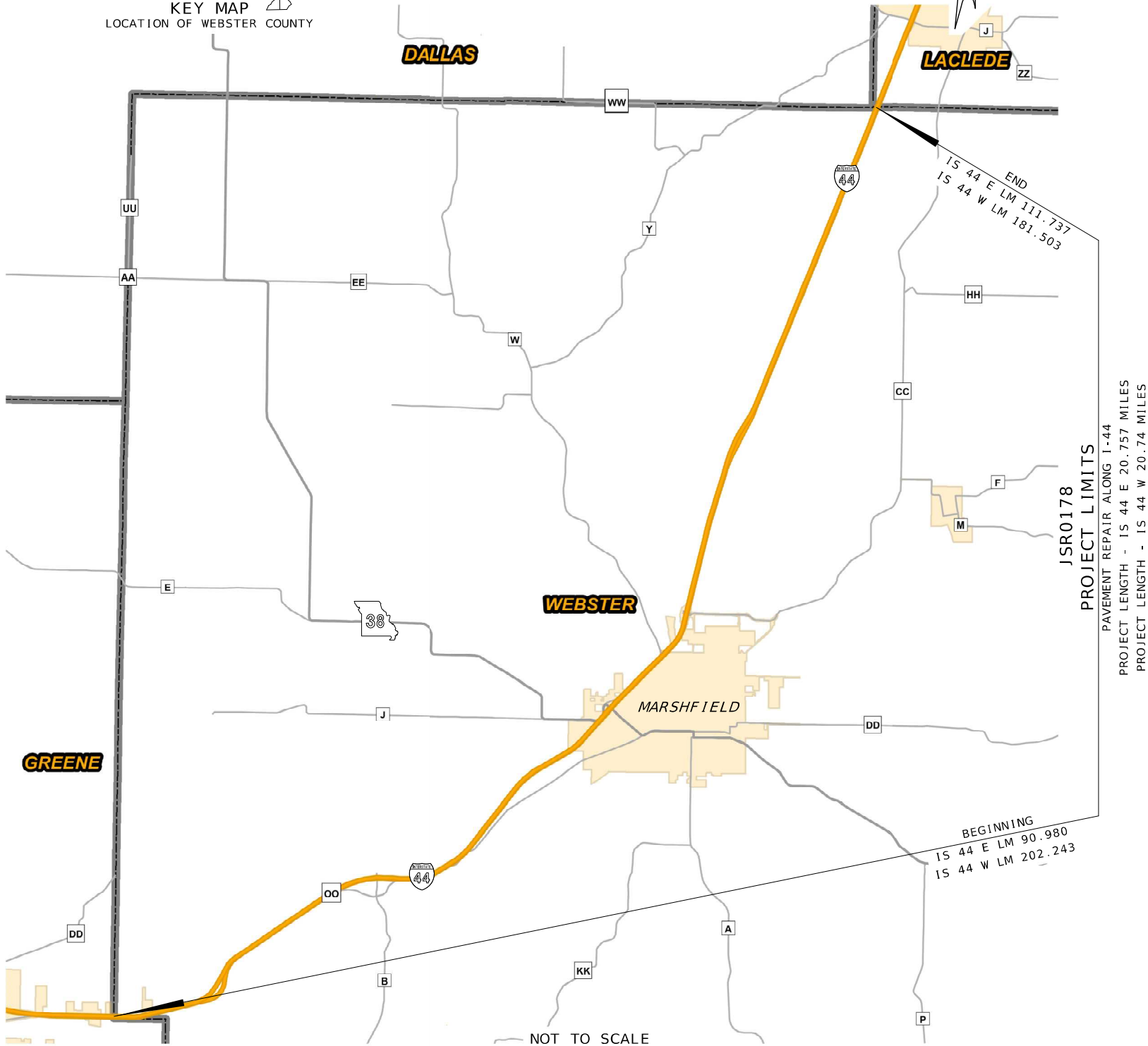
| | EXISTING | NEW |
|------------------------------|----------|------|
| BUILDINGS AND STRUCTURES | | |
| GUARD RAIL | | |
| CONCRETE RIGHT-OF-WAY MARKER | | |
| STEEL RIGHT-OF-WAY MARKER | | |
| LOCATION SURVEY MARKER | | |
| UTILITIES | | |
| FIBER OPTICS | -FO- | -FO- |
| OVERHEAD TELEPHONE | -O- | -O- |
| UNDERGROUND TELEPHONE | -T- | -T- |
| OVERHEAD POWER | -P- | -P- |
| UNDERGROUND POWER | -G- | -G- |
| GAS | -W- | -W- |
| 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
WEBSTER COUNTY
JOB ORDER CONTRACTING



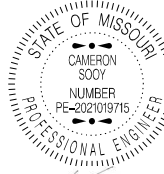
KEY MAP
LOCATION OF WEBSTER COUNTY



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 |
| TRAFFIC CONTROL SHEETS (TC) | 2-11 |



| | |
|-----------------------------|----------------|
| DATE PREPARED 10/24/2025 | |
| ROUTE 144 | STATE MO |
| DISTRICT SW | SHEET NO. 1 |
| COUNTY WEBSTER | |
| JOB NO. JSR0178 | |
| CONTRACT ID. | |

PROJECT NO.
BRIDGE NO.

| DESCRIPTION | DATE |
|-------------|------|
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

LENGTH OF PROJECT

| | |
|----------------------|----------------|
| IS 44 E | |
| BEGINNING OF PROJECT | LM 90.980 |
| END OF PROJECT | LM 111.737 |
| APPARENT LENGTH | 109,597 FEET |
| IS 44 W | |
| BEGINNING OF PROJECT | LM 181.503 |
| END OF PROJECT | LM 202.243 |
| APPARENT LENGTH | 109,507.2 FEET |

| | |
|---|----------------|
| EQUATIONS AND EXCEPTIONS: | N/A |
| TOTAL CORRECTIONS | 0.00 FEET |
| NET LENGTH OF PROJECT | 219,104.2 FEET |
| STATE LENGTH | 41.497 MILES |
| FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES | N/A ACRES |

Sign Spacing, Device Spacing and Channelizing Taper Lengths

| SIGN SPACING (S) FOR ADVANCE SIGN SERIES (1) (2) | | |
|--|-----------------------|-------------------------------|
| SPEED MPH | UNDIVIDED HIGHWAYS | DIVIDED HIGHWAYS |
| 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 OF CHANNELIZING DEVICES | | | | | |
|--|---|-------|-------|--------------------------------|----------------------|
| SPEED MPH | MINIMUM TAPER LENGTHS (L) FOR LANE WIDTHS (W) | | | MAXIMUM CHANNELIZER SPACING | |
| | 10 FT | 11 FT | 12 FT | THROUGH TAPER | THROUGH WORK AREA |
| 0-35 | 205 | 225 | 245 | 35 | 40 |
| 40-45 | 450 | 495 | 540 | 40 | 80 |
| 50-55 | 550 | 605 | 660 | 50 | 80 |
| 60-70 | 700 | 770 | 840 | 60 | 120 |

NOTES :

DIMENSIONS IN FEET UNLESS OTHERWISE NOTED.

- (1) SPACING BETWEEN SIGNS AND SPACING BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER, OR SIGNED CONDITION
- (2) SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS

| LONGITUDINAL BUFFER SPACE (B) | |
|-------------------------------|--------------|
| SPEED MPH | BUFFER SPACE |
| 0-35 | 250 |
| 40-45 | 360 |
| 50-55 | 495 |
| 60-70 | 730 |

TAPER LENGTH (L):

L = WS FOR 40 MPH OR MORE

$$L = \frac{WS^2}{60} \text{ FOR } 35 \text{ MPH OR LESS}$$

FOR SHOULDER TAPER USE $L/3$

WHERE :

L = TAPER LENGTH IN FEET

W = LATERAL SHIFT IN FEET










S = POSTED SPEED IN MPH

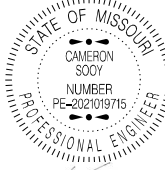
TRAFFIC CONTROL DEVICES

GENERAL NOTES:

1. SEE STANDARD PLAN 616.10 FOR DETAILS AND ITEMS NOT SHOWN
2. EXISTING SIGNS SHALL BE COVERED DURING WORKING HOURS ONLY IF IN CONFLICT WITH TRAFFIC CONTROL PLANS.
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING OR REMOVING SIGNS.
4. CONES ALLOWABLE FOR DAYTIME OPERATIONS ONLY.
6. LOCATE FLASHING ARROW PANEL AT BEGINNING OF TAPER WHEN FEASIBLE, ARROW PANELS ARE ALWAYS LOCATED BEHIND CHANNELIZERS OR CONES.

TRAFFIC CONTROL LEGEND

- | | |
|---|---|
|  | SIGN (SINGLE SIDED) |
|  | SIGN (DOUBLE SIDED) |
|  | FLAGGER |
|  | DIRECTION INDICATOR BARRICADE |
|  | CHANNELIZER |
|  | BARRICADE |
|  | CHANGEABLE MESSAGE BOARD |
|  | FLASHING ARROW PANEL |
|  | TMA (TRUCK MOUNTED ATTENUATOR) WITH FLASHING ARROW PANEL |



CAMERON SOOY - CIVIL
MO-PE-2021019715

DATE PREPARED
11/10/2008

07/24/2022

44 | MC

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| TRICT | SHEET |
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|----|---|
| SW | Z |
|----|---|

WEBSTER

JOB NO.

JSR0178

CONTRACT ID.

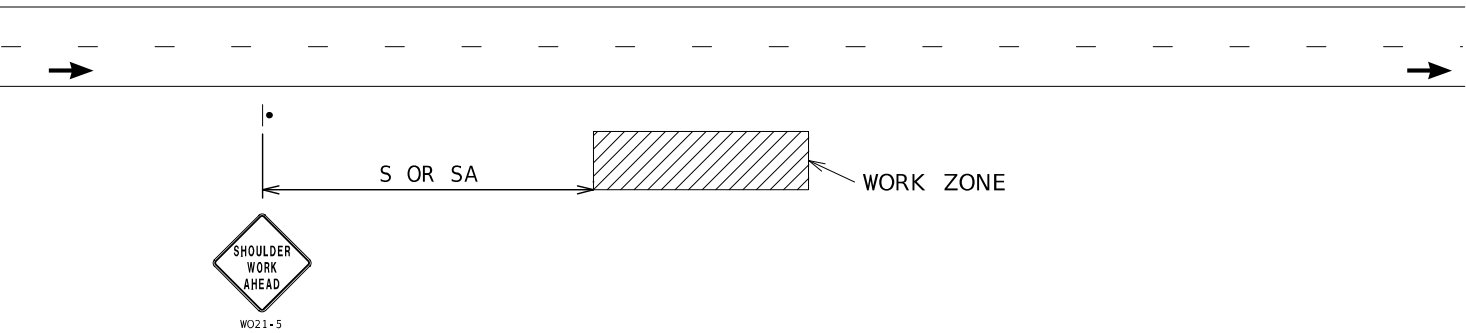
PROJECT NO.

BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITAL
JEFFERSON CITY, MO 65102

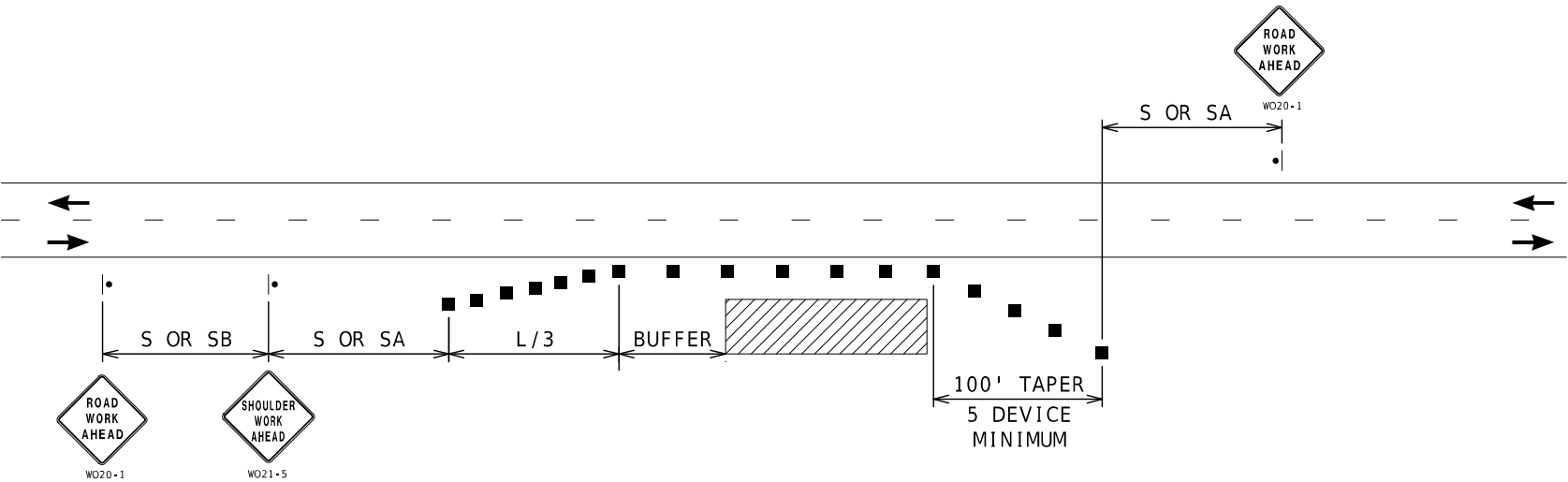
TRAFFIC CONTROL
SHEET 1 OF 10



WORK BEYOND SHOULDER - UNDIVIDED OR DIVIDED ROADWAYS

USED FOR WORK THAT OCCURS OFF THE ROADWAY SHOULDER BUT WITHIN THE CLEAR ZONE.
NOT TO BE USED WHEN WORK VEHICLES ARE PARKED ALONG THE SHOULDER EVEN WHEN
THE WORK IS BEING PERFORMED OFF THE SHOULDER.

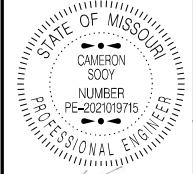
NOTES :
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.



SHOULDER WORK - UNDIVIDED ROADWAYS

USED FOR WORK ON SHOULDER OR FOR WORK OFF SHOULDER
WITH WORK VEHICLES PARKED ON THE SHOULDER.


NOTES :
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.



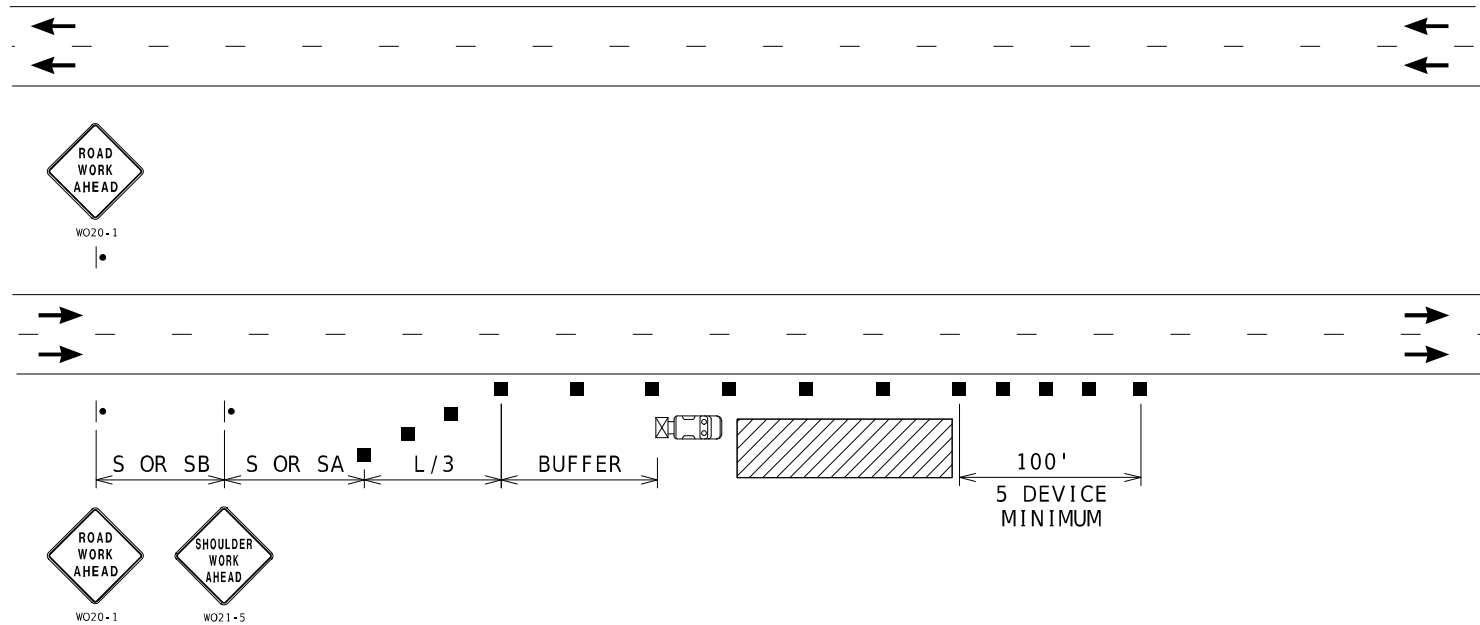
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| DATE PREPARED | |
| 10/24/2025 | |
| ROUTE | STATE |
| 144 | MO |
| DISTRICT | SHEET NO. |
| SW | 3 |
| COUNTY | |
| WEBSTER | |
| JOB NO. | |
| JSR0178 | |
| CONTRACT ID. | |
| PROJECT NO. | |
| BRIDGE NO. | |

| DATE | 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)

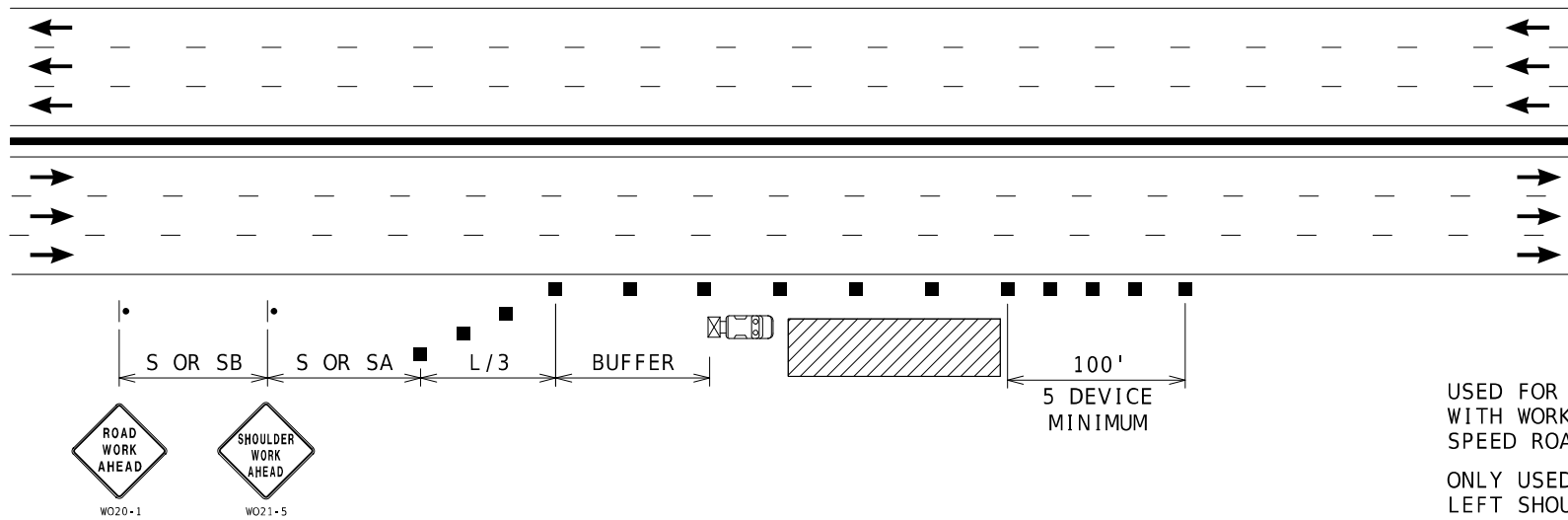


RIGHT SHOULDER WORK- HIGH SPEED DIVIDED ROADWAYS

NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

USED FOR WORK ON SHOULDER OR FOR WORK OFF SHOULDER
WITH WORK VEHICLES PARKED ON THE SHOULDER OF A HIGH SPEED ROADWAY.



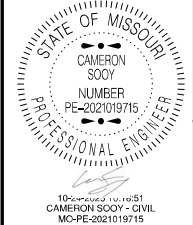
RIGHT SHOULDER WORK
MULTI-LANE FREEWAYS WITH MEDIAN BARRIER

NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

USED FOR WORK ON SHOULDER OR FOR WORK OFF SHOULDER
WITH WORK VEHICLES PARKED ON THE SHOULDER OF A HIGH
SPEED ROADWAY.

ONLY USED FOR SIX OR MORE LANE FREEWAYS WITH NARROW
LEFT SHOULDER ADJACENT TO CONCRETE MEDIAN BARRIER



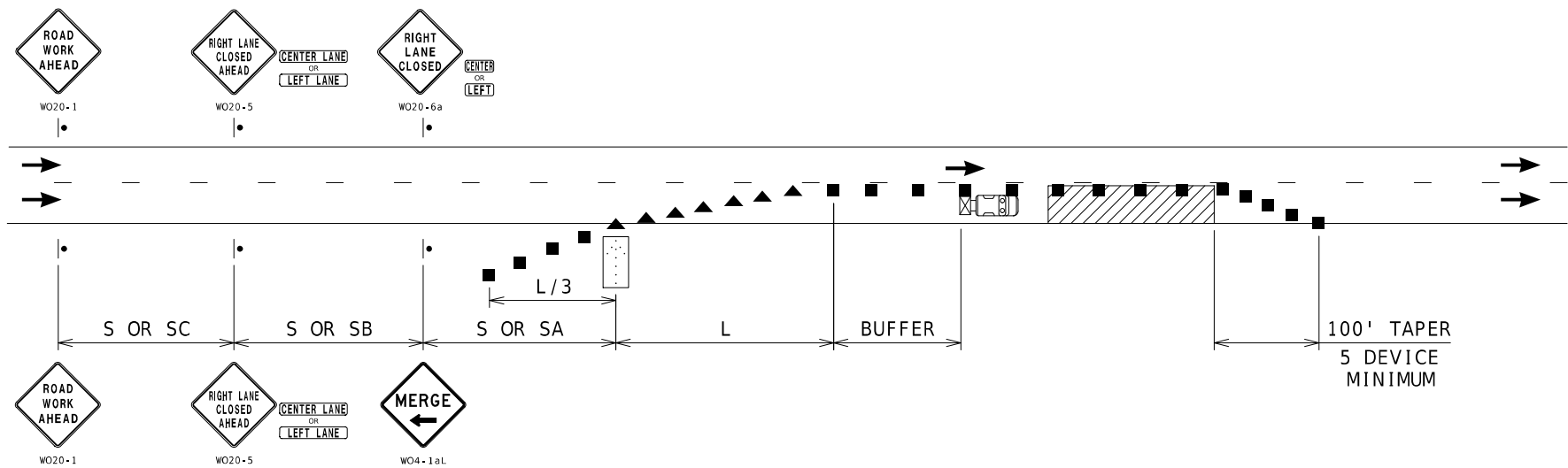
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| DATE PREPARED 10/24/2025 | |
| ROUTE 144 | STATE MO |
| DISTRICT SW | SHEET NO. 4 |
| COUNTY WEBSTER | |
| JOB NO. JSR0178 | |
| CONTRACT ID. | |
| PROJECT NO. | |
| BRIDGE NO. | |

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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

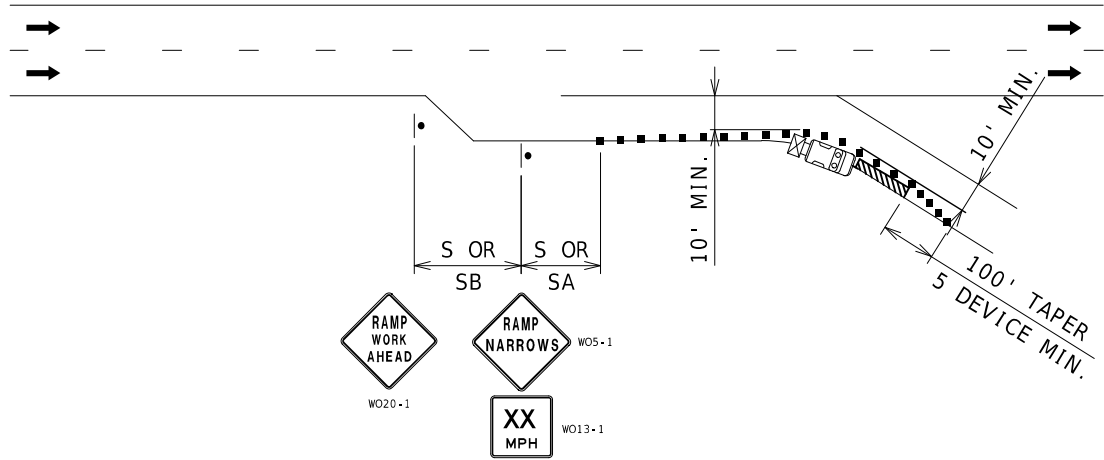


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



NOTES:
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

SINGLE LANE CLOSURE



NOTES:
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

PARTIAL RAMP CLOSURE

STATE OF MISSOURI

CAMERON

SCOTT

NUMBER

PE-2021019715

PROFESSIONAL ENGINEER

1000
Cameron Scott
Cameron Scott - Civil
MO-PE-2021019715

DATE PREPARED

10/24/2025

ROUTE

144

STATE

MO

DISTRICT

SW

SHEET NO.

6

COUNTY

WEBSTER

JOB NO.

JSR0178

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION

COMMISSION

105 WEST CAPITOL

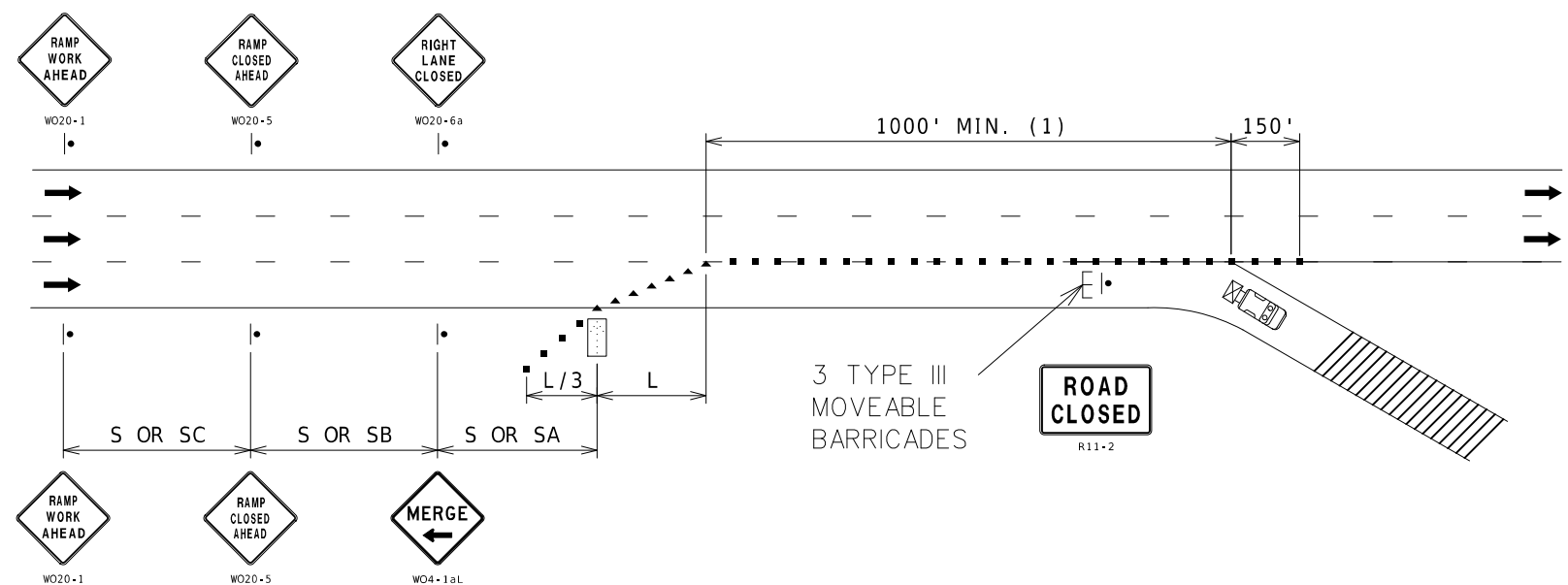
JEFFERSON CITY, MO 65102

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

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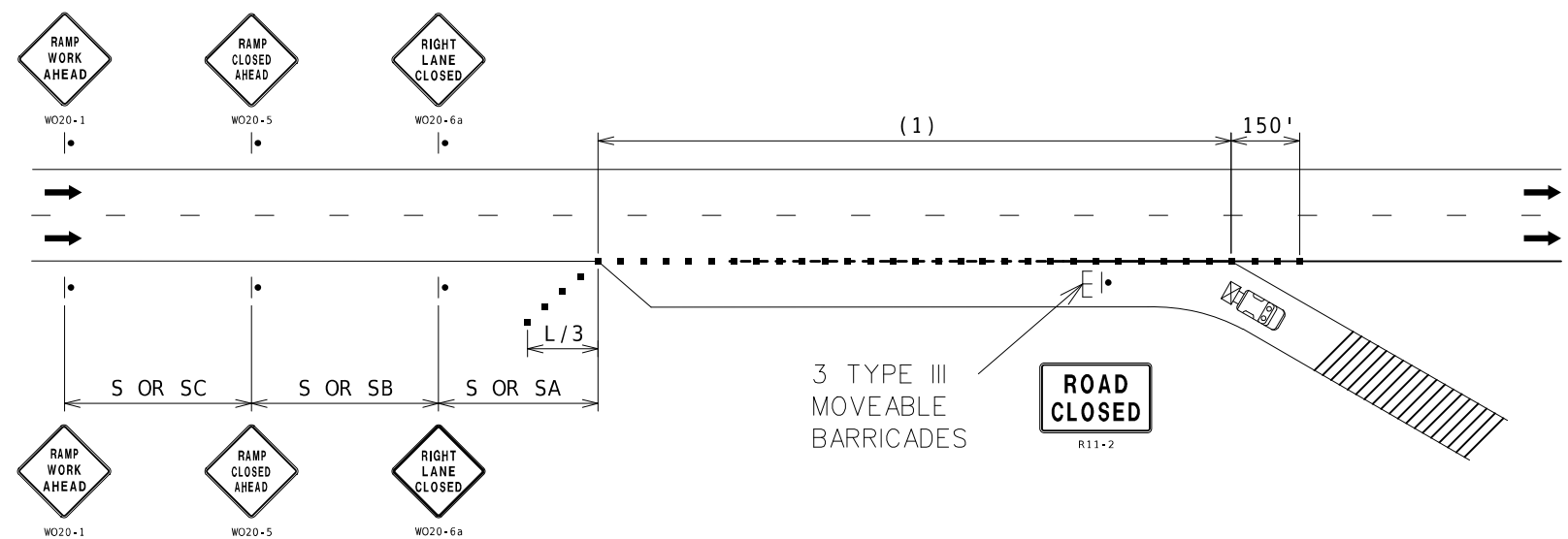
TRAFFIC CONTROL

SHEET 5 OF 10



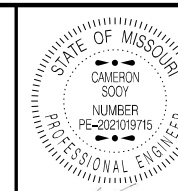
NOTES:
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.
(1) CHANNELIZER SPACING AT 50'.

RAMP CLOSURE



NOTES:
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.
(1) CHANNELIZER SPACING AT 50'.

RAMP CLOSURE



1000' MIN. (1)
150'

DATE PREPARED

10/24/2025

ROUTE STATE

144 MO

DISTRICT SHEET NO.

SW 7

COUNTY

WEBSTER

JOB NO.

JSR0178

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

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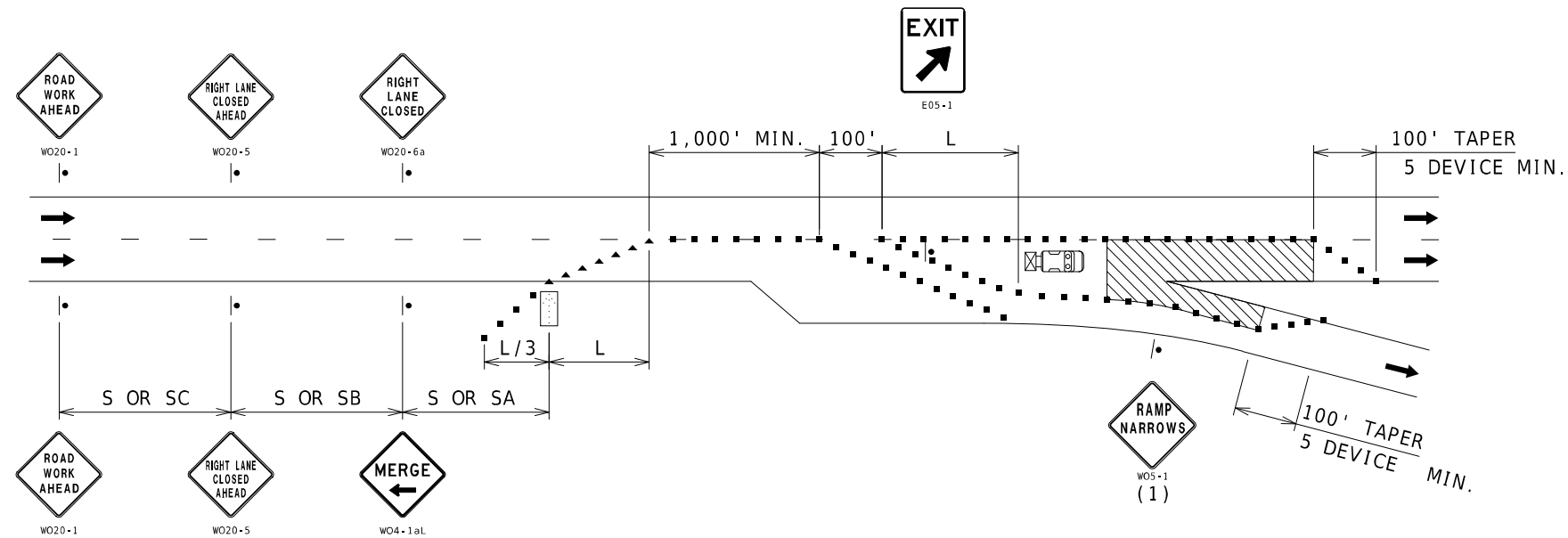
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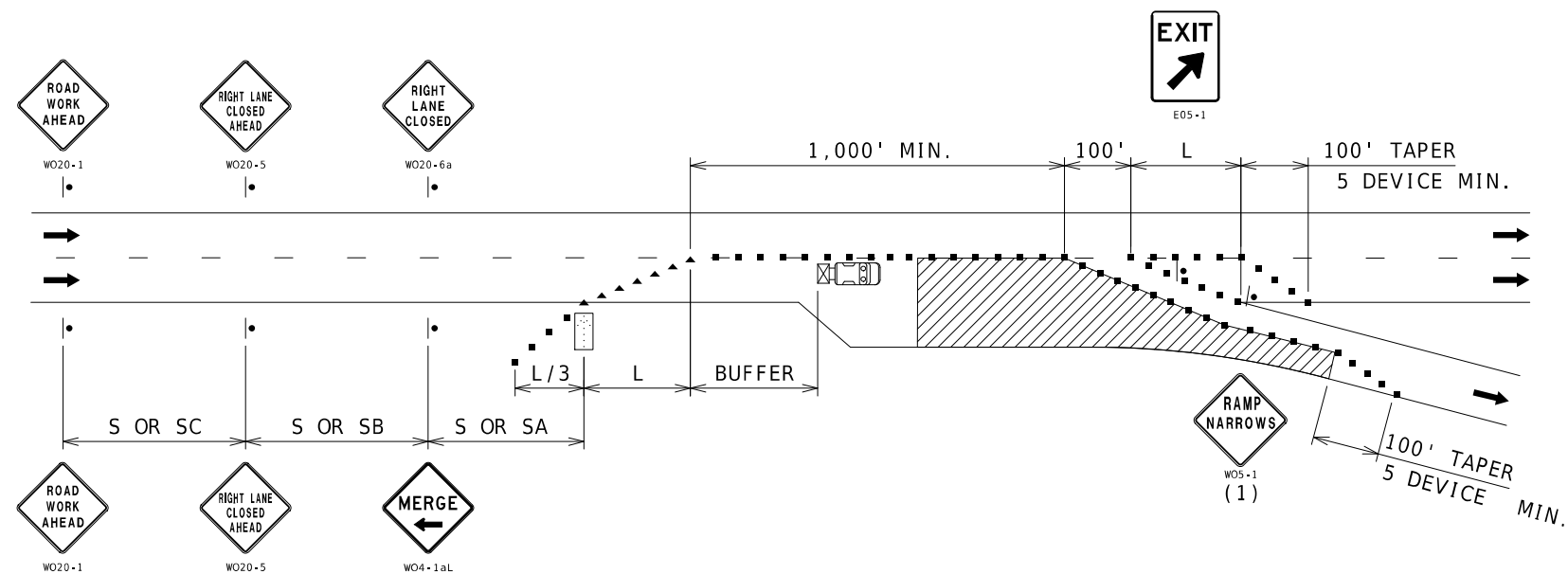
NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

(1) SIGN ONLY REQUIRED WHEN RAMP WIDTH IS REDUCED.

(2) CHANNELIZER SPACING AT 50'.

EXIT RAMP AREA MAINLINE WORK



NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

(1) SIGN ONLY REQUIRED WHEN RAMP WIDTH IS REDUCED.

(2) CHANNELIZER SPACING AT 50'.

EXIT RAMP AREA DECELERATION LANE WORK



DATE PREPARED
10/24/2025

ROUTE 144 STATE MO

DISTRICT SW SHEET NO. 8

COUNTY WEBSTER

JOB NO. JSR0178

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

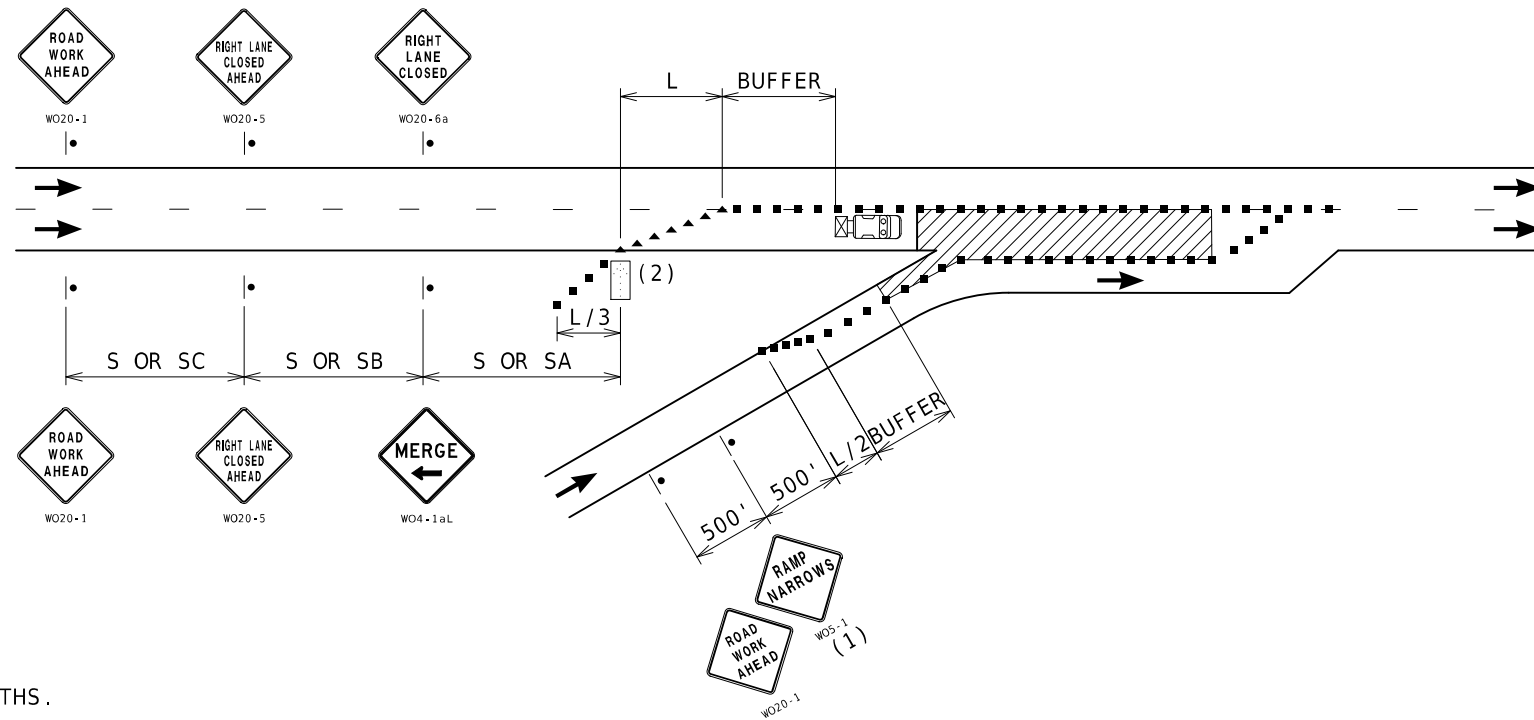
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

TRAFFIC CONTROL
SHEET 7 OF 10



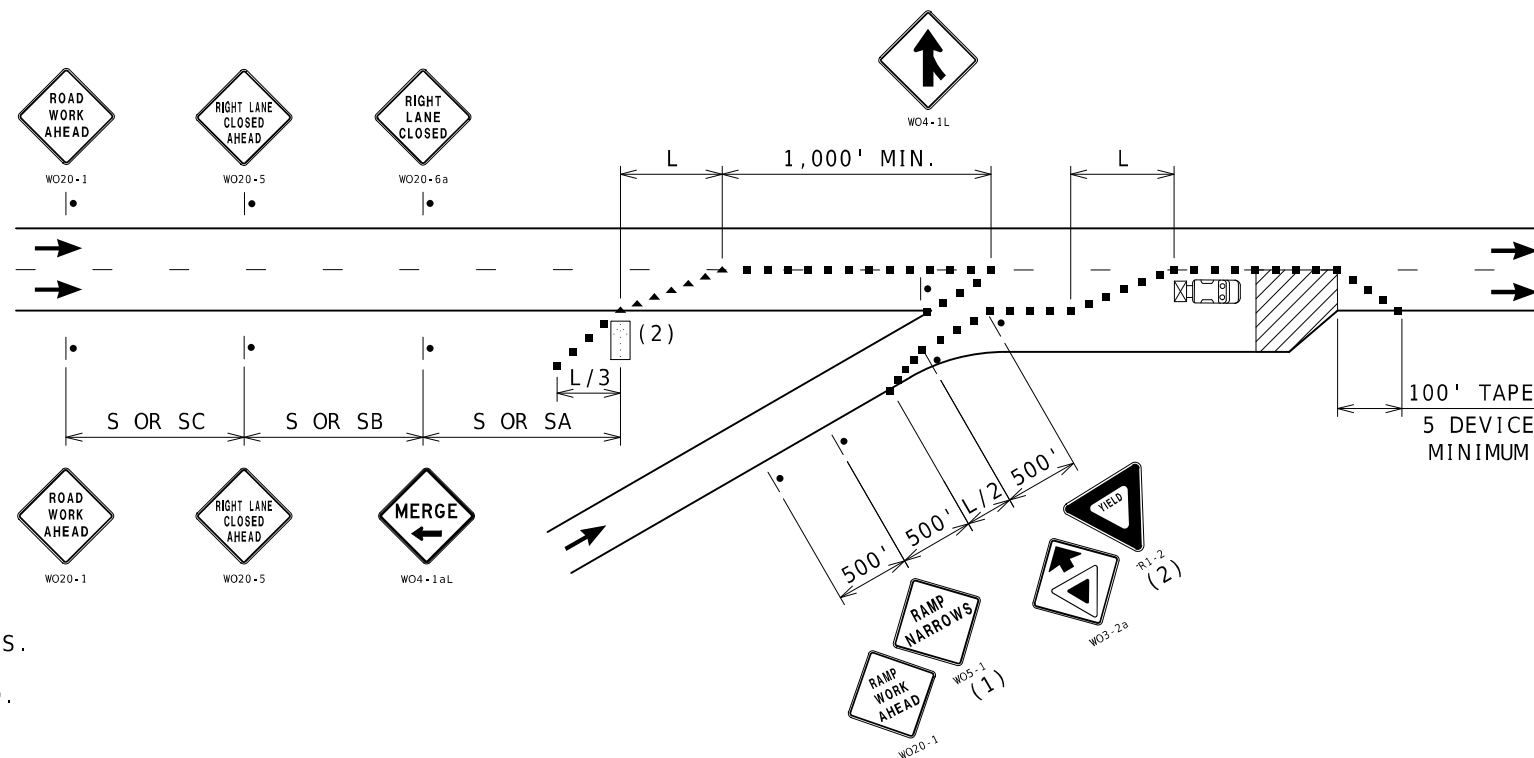
NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

(1) SIGN ONLY REQUIRED WHEN RAMP WIDTH IS REDUCED.

(2) THE LOCATION OF THE SIGN SEQUENCE AND MERGE TAPER SHOULD BE ADJUCSTED SO THAT THE ARROW PANEL LOCATION IS NOT CONFUSING TO MOTORIST ON THE RAMP.

ENTRANCE RAMP AREA
MAINLINE WORK



NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

(1) SIGN ONLY REQUIRED WHEN RAMP WIDTH IS REDUCED.

(2) SIGN SHOULD BE PLACED ON THE RAMP TO PROVIDE ADEQUATE VISIBILITY OF MAINLINE TRAFFIC.

(3) THE LOCATION OF THE SIGN SEQUENCE AND MERGE TAPER SHOULD BE ADJUCSTED SO THAT THE ARROW PANEL LOCATION IS NOT CONFUSING TO MOTORIST ON THE RAMP.

ENTRANCE RAMP AREA
ACCELERATION LANE WORK



DATE PREPARED
10/24/2025

ROUTE 144 STATE MO
DISTRICT SW SHEET NO. 9

COUNTY
WEBSTER

JOB NO.
JSR0178

CONTRACT ID.

PROJECT NO.

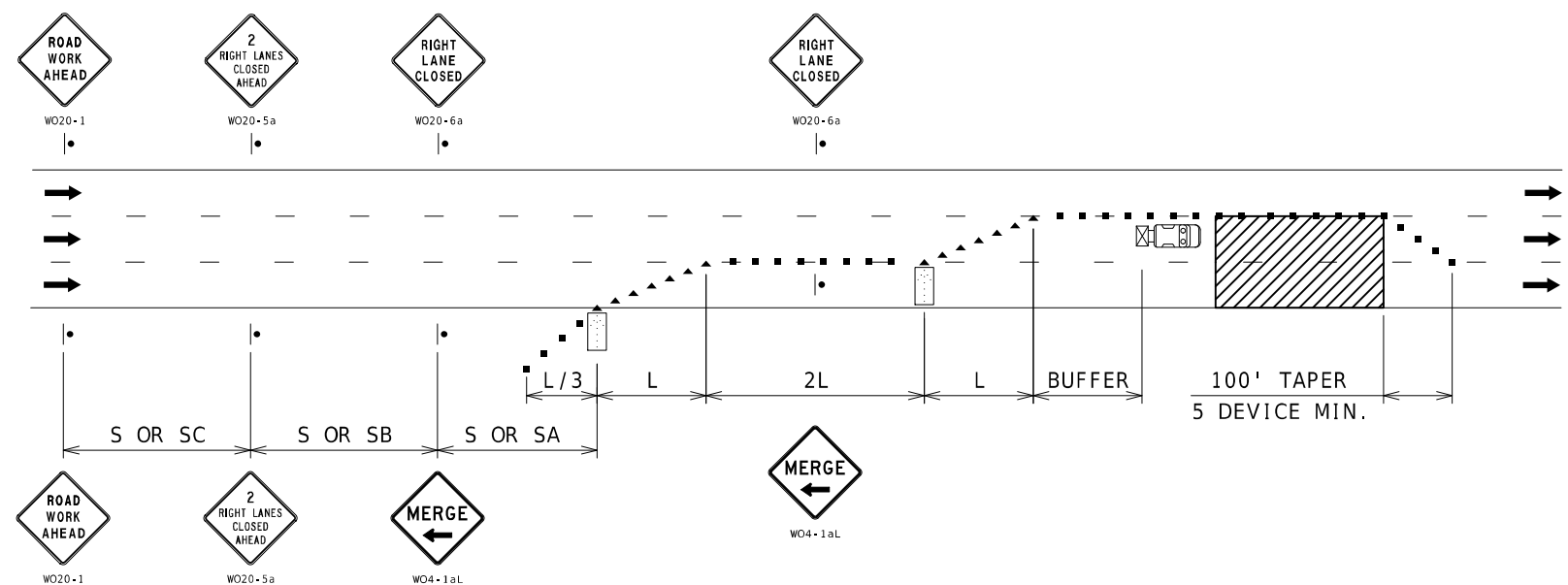
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MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

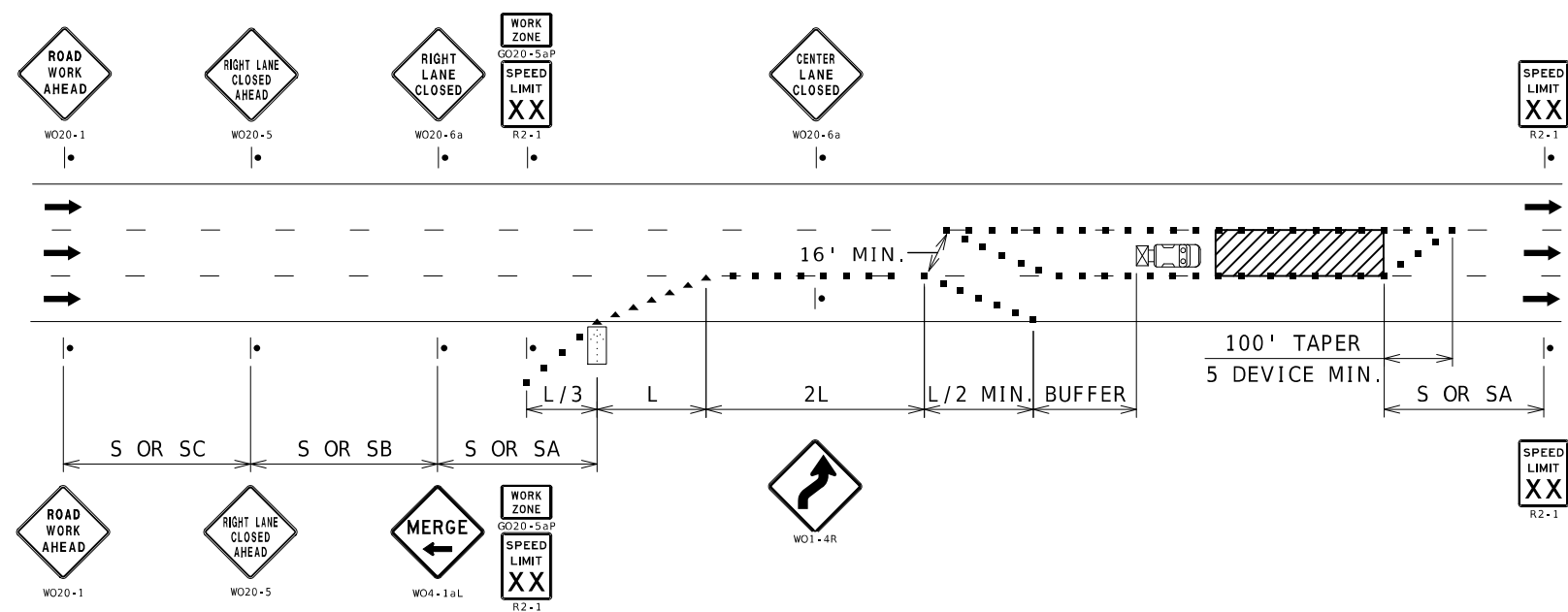
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TRAFFIC CONTROL
SHEET 8 OF 10



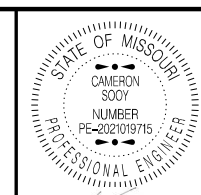
NOTES:
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

DOUBLE LANE CLOSURE



NOTES:
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

INTERIOR LANE CLOSURE



DATE PREPARED
10/24/2025

ROUTE 144 STATE MO
DISTRICT SW SHEET NO. 10

COUNTY WEBSTER
JOB NO. JSR0178
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

TRAFFIC CONTROL
SHEET 9 OF 10



TRIPLE LANE CLOSURE