A.A.D.T. - DESIGN = VARIOUS A.A.D.T. - CONSTRUCTION = VARIOUS T = VARIOUS

FUNCTIONAL CLASSIFICATION- VARIOUS

V = VARIOUS M.P.H.

NO NEW RIGHT OF WAY REQUIRED FOR THIS PROJECT

CONVENTIONAL SYMBOLS (USED IN PLANS)

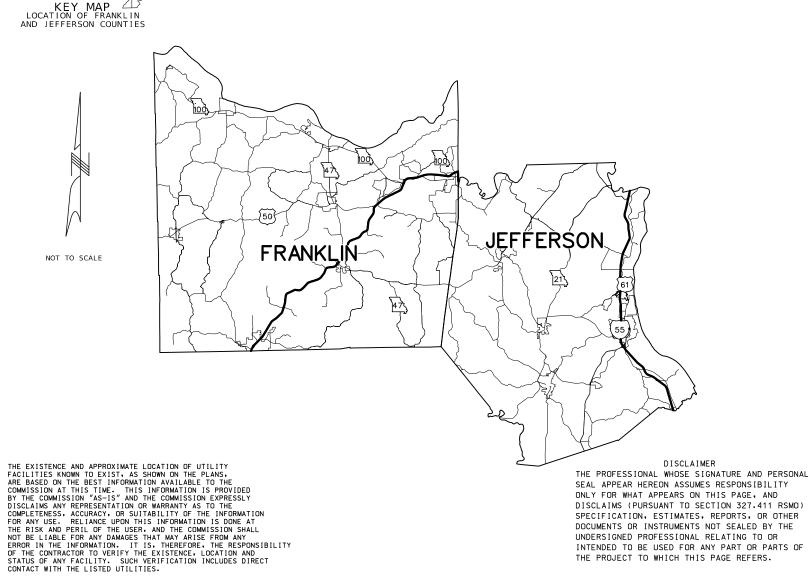
| (OSED IN TE | 1113) | |
|--|-------------------------------|--|
| | EXISTING | NEW |
| BUILDINGS AND STRUCTURES GUARD RAIL CONCRETE RIGHT-OF-WAY MARK STEEL RIGHT-OF-WAY MARKER LOCATION SURVEY MARKER UTILITIES | □□=□ _00000 ER [] □ | •••••• ••••• |
| FIBER OPTICS OVERHEAD TELEPHONE UNDERGROUND TELEPHONE OVERHEAD POWER UNDERGROUND POWER GAS WATER | - FO | —FO— |
| MANHOLE | HYD HYD |) |
| FIRE HYDRANT | C | 1 |
| WATER VALVE | wv_C |) |
| WATER METER | wn (|) |
| DROP INLET | | |
| DITCH BLOCK | = | ⊨ |
| GROUND MOUNTED SIGN | S I GN | - |
| LIGHT POLE | | |
| H-FRAME POWER POLE | | |
| TELEPHONE PEDESTAL FENCE | PED | 7 |
| CHAIN LINK WOVEN WIRE GATE POST | —— \ ——— X E | : : |
| BENCHMARK | ВМ |) |
| | | |

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY





JOB ORDER CONTRACTING

DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

INDEX OF SHEETS

| DESCRIPTION | SHEE ⁻ NUMBE |
|-----------------------------|----------------------------|
| TITLE SHEET | 1 |
| TRAFFIC CONTROL SHEETS (TC) | 2-10 |

| Г R | ANSTASA M. NUMBER PE-201407016 WISH NUMBER | | | | | | | |
|--------|---|-----|-----------|-------|-----------|------------------|-----------------------|------------------------|
| | | | | | REP# | | | |
| | | | UTE | | _ | | ATE | |
| | L | | AR RIC | | _ | HEE | O T NO | |
| | | | L | ' | ٔ ا | | 1 | |
| | F | RAN | | | JEI | | RSC | N |
| | | | | JOB | NO | | | |
| | | | | | 34 кст | | | |
| | | | PR |) I E | СТ | NO | | |
| | | | | | | | | |
| | | | BR | IDO | 1 36 | VO. | | |
| | TE DESCRIPTION | | | | | | | |
| | DATE | | | | | | | |
| | TRANSPORTATION C | NOI | | | | 105 WEST CAPITOL | FERSON CITY, MO 65102 | IODOT (1-888-275-6636) |
| | Įź | S | | | | | Щ | Ď |

PROJECT DESCRIPTION:

JOB ORDER CONTRACT FOR GUARDRAIL REPAIR AT VARIOUS LOCATIONS IN FRANKLIN AND JEFFERSON COUNTIES



SHEET ш

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 | | | |

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

| TAPER LENGTHS AND SPACING OF CHANNELIZING DEVICES | | | | | | | |
|---|------------------------------|---------------|-----------------------------|---------|-----------|--------------------|--|
| SPEED | MINIMUM TAPER LENGTHS (L) | | TAPER LENGTHS (L) CHANNELIZ | | | IMUM ER SPACING | |
| MPH | FOR LA | LANE WIDTHS (| | THROUGH | THROUGH | | |
| | 10 FT | 11 FT | 12 FT | TAPER | 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 | | |

TAPER LENGTH (L):

L = WS FOR 40 MPH OR MORE

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

FOR SHOULDER TAPER USE L/3

WHERE:

L = TAPER LENGTH IN FEET

W = LATERAL SHIFT IN FEET

S = POSTED SPEED IN MPH

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

DISCLAIMER

THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

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.
- 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)
- lacksquare SIGN (DOUBLE SIDED)

FLAGGER

- ▲ DIRECTION INDICATOR BARRICADE
- CHANNELIZER

BARRICADE

CHANGEABLE MESSAGE BOARD

FLASHING ARROW PANEL

TMA (TRUCK MOUNTED ATTENUATOR)
WITH FLASHING ARROW PANEL



ANASTAS**I**A M SM**I**TH

| 2/20 | 2023 |
|----------|-----------|
| ROUTE | STATE |
| VAR | MO |
| DISTRICT | SHEET NO. |
| SL | 2 |

FRANKLIN JEFFERSON

J6P3462 CONTRACT ID.

PROJECT NO.

DESCRIPTION

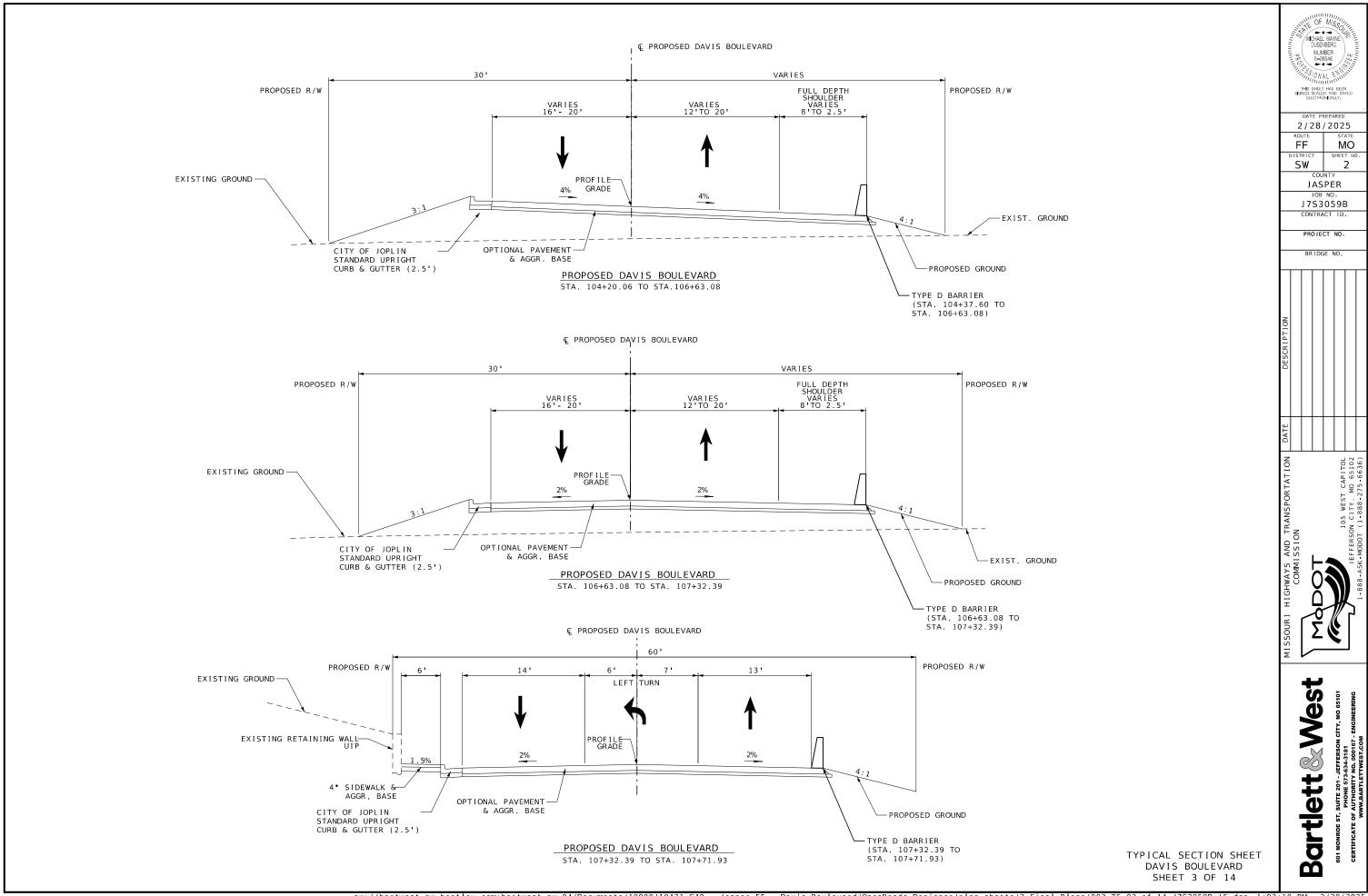
TE DESCRIPTION

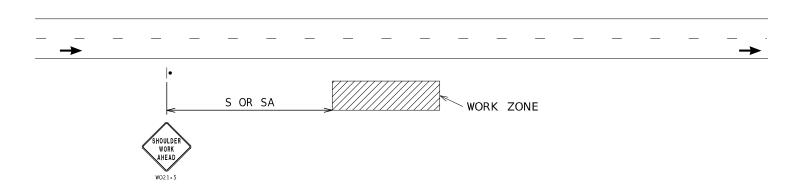
10N 105 WEST CAPITOL RSON CITY, MO 65102

COMMISSION
COMMISSION
TO DO T

105 WE

RAFFIC CONTROL SHEET 1 OF 9



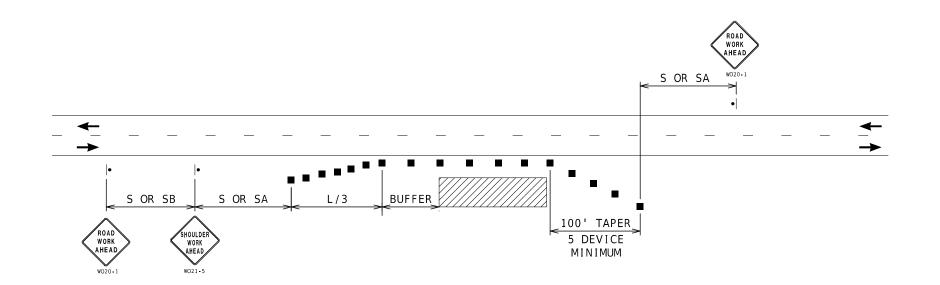


WORK BEYOND SHOULDER - UNDIVIDED OR DIVIDED ROADWAYS

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.



DISCLAIMER THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

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.

ANASTASIA M. NUMBER PE-2014017016 SONAL F

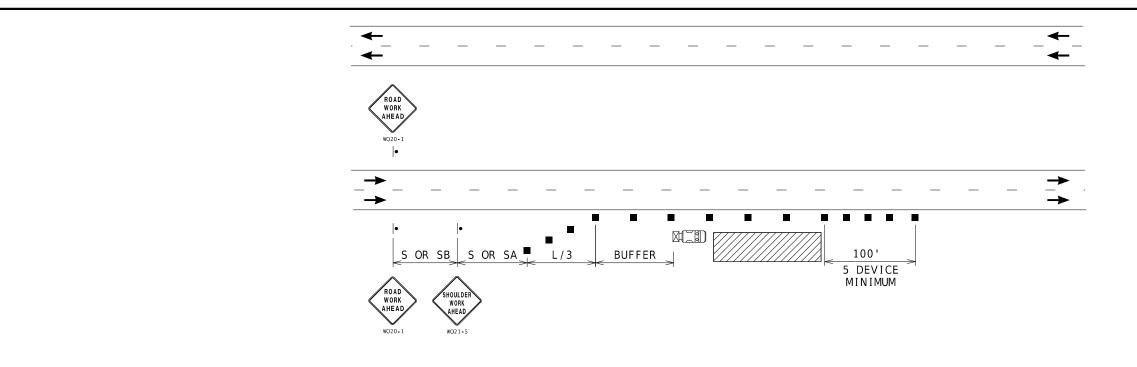
2/28/2025 VAR MO SL 3

FRANKLIN JEFFERSON

JOB NO. CONTRACT ID

J6P3462

CONTROL 2 OF 9 SHEET S

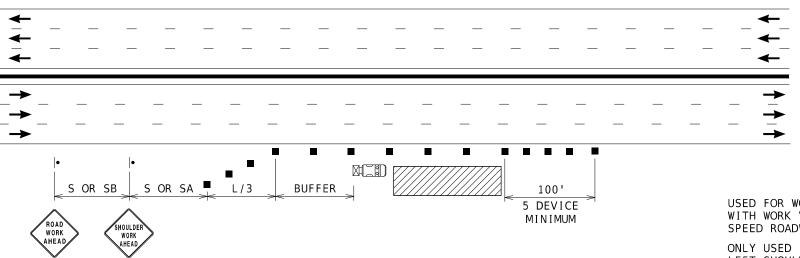


RIGHT SHOULDER WORK- HIGH SPEED DIVIDED ROADWAYS

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.



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

DISCLAIMER THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

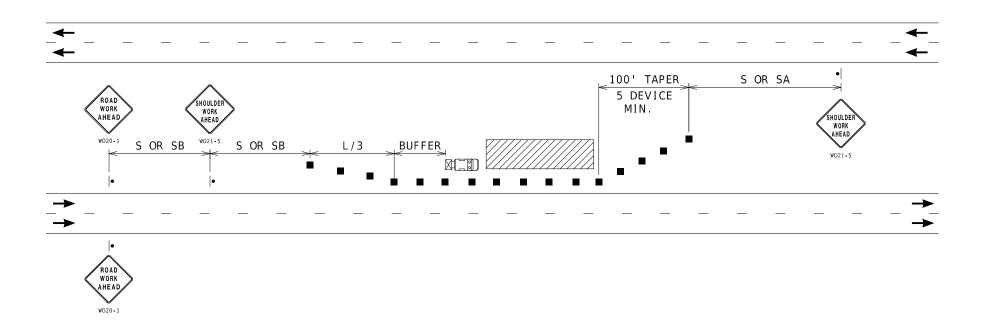
RIGHT SHOULDER WORK MULTI-LANE FREEWAYS WITH MEDIAN BARRIER ANASTASIA M.

2/28/2025 VAR MO SL

RANKLIN JEFFERSC IOB NO.

CONTRACT ID J6P3462

CONTROL 3 OF 9 SHEET 3

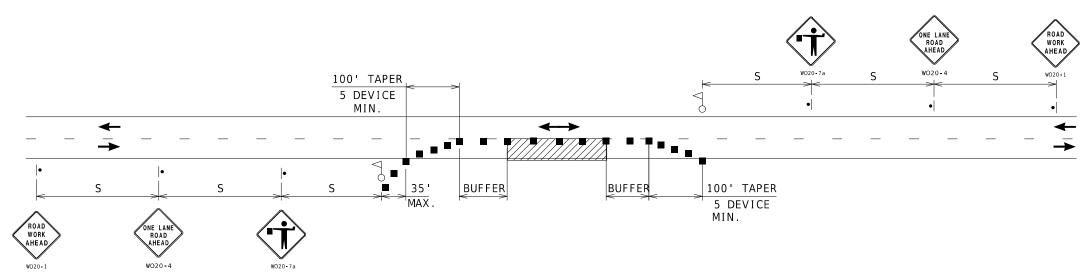


LEFT SHOULDER WORK- HIGH SPEED DIVIDED ROADWAYS

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

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

NOTES:



DISCLAIMER
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY
ONLY FOR WHAT APPEARS ON THIS PAGE, AND
DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO)
SPECIFICATION, ESTIMATES, REPORTS, OR OTHER
DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE
UNDERSIGNED PROFESSIONAL RELATING TO OR
INTENDED TO BE USED FOR ANY PART OR PARTS OF
THE PROJECT TO WHICH THIS PAGE REFERS.

ONE-LANE TWO-WAY OPERATION WITH FLAGGERS

A MINIMUM OF TWO FLAGGERS WILL BE REQUIRED TO DIRECT TRAFFIC. ADDITIONAL FLAGGERS MAY BE REQUIRED WHEN WORKING AT INTERSECTING STREETS OR RAMPS AS DIRECTED BY THE ENGINEER. NO DIRECT PAYMENT WILL BE MADE FOR FLAGGERS

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

SIGNED, SEALED, AND DATED ELECTRONICALLY.

DATE PREPARED
2/28/2025

ROUTE STATE
VAR MO

DISTRICT SHEET NO.
SL 5

COUNTY
FRANKLIN JEFFERSON
JOB NO.
X

CONTRACT ID.
X
PROJECT NO.
J6P3462
BRIDGE NO.
X

NO.
X

NO.
X

NO.
X

PROJECT NO.
J6P3462
BRIDGE NO.
X

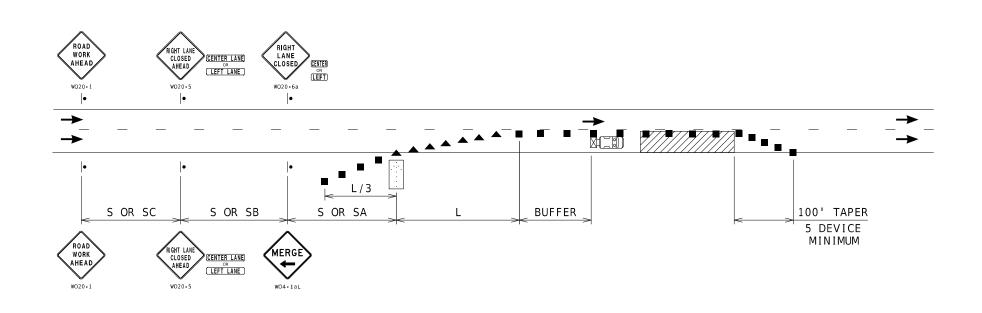
ANASTASIA M. SMITH

SONAL T

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

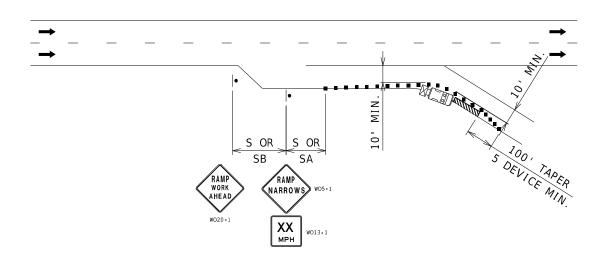
105 WEST CAPITOL
LEFFERSON CITY. MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TRAFFIC CONTROL SHEET 4 OF 9



SINGLE LANE CLOSURE

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.



PARTIAL RAMP CLOSURE

THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE. AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

DISCLAIMER

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

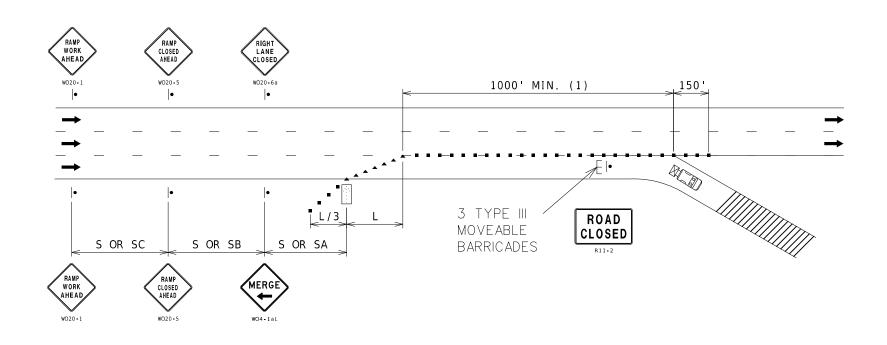
ANASTASIA M. SMITH SONAL F

2/28/2025 VAR MO

SL 6 RANKLIN JEFFERSON JOB NO.

CONTRACT ID J6P3462

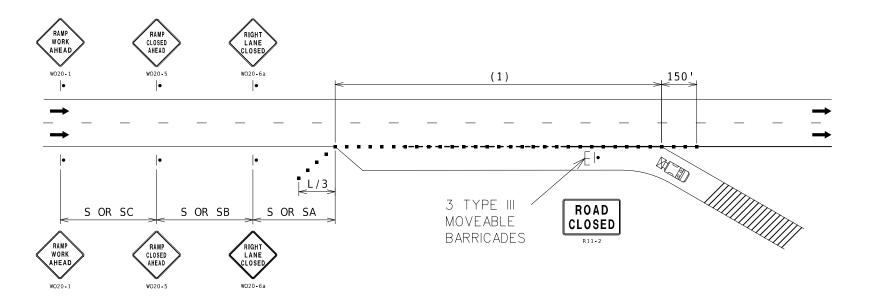
CONTROL 5 OF 9 SHEET !



SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

(1) CHANNELIZER SPACING AT 50'.

RAMP CLOSURE



DISCLAIMER

THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

(1) CHANNELIZER SPACING AT 50'.

RAMP CLOSURE

MISSOURI HIGHWAYS AND TRANSPORTATION D
COMMISSION

TAODOT

105 WEST CAPITOL
COMMISSION

105 WEST CAPITO

ANASTASIA M. SMITH
NUMBER
PE-2014017016

2/28/2025

JOB NO.
J6P3462
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

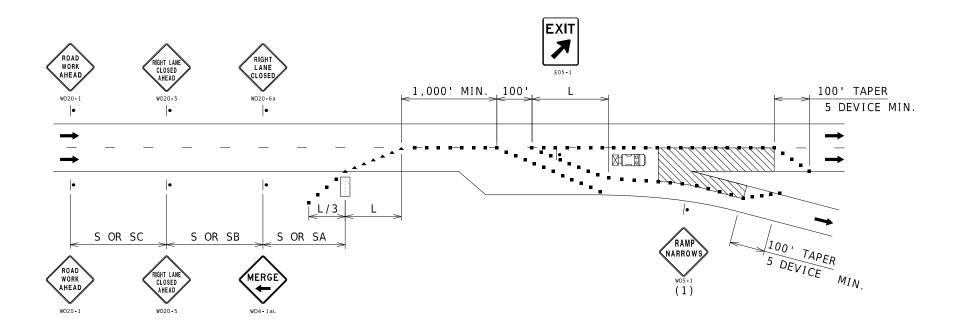
MO

7

VAR

SL

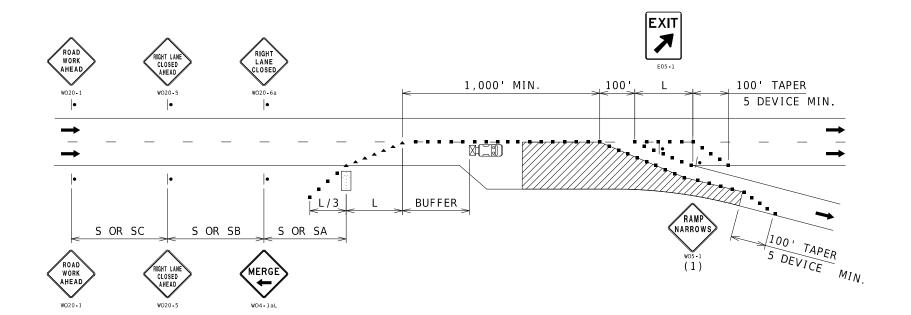
TRAFFIC CONTROL SHEET 6 OF 9



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



DISCLAIMER

THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

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

MISSOURI HIGHWAYS AND TRANSPORTATION DATACOMMISSION

COMMISSION

105 WEST CAPITOL

16FERSON CITY, NO 65102

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

ANASTASIA M. SMITH

S/ONAL F

2/28/2025

RANKLIN JEFFERSO

CONTRACT ID

J6P3462

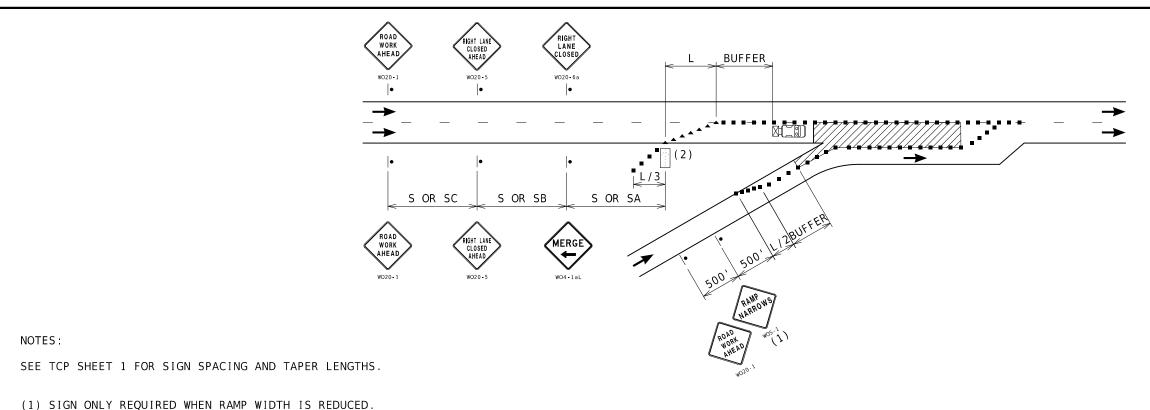
MO

8

VAR

SL

TRAFFIC CONTROL SHEET 7 OF 9



ENTRANCE RAMP AREA MAINLINE WORK

ROAD WORK AHEAD AHEAD WO20-1 WO20-5 WO20-6a I I ,000' MIN.

S OR SB

S OR SC

DISCLAIMER
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL
SEAL APPEAR HEREON ASSUMES RESPONSIBILITY
ONLY FOR WHAT APPEARS ON THIS PAGE, AND
DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO)
SPECIFICATION, ESTIMATES, REPORTS, OR OTHER
DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE
UNDERSIGNED PROFESSIONAL RELATING TO OR
INTENDED TO BE USED FOR ANY PART OR PARTS OF

THE PROJECT TO WHICH THIS PAGE REFERS.

NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

(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.

- (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.

S OR SA S OR SA 100' TAPER 5 DEVICE MINIMUM 100' TAPER 5 DEVICE MINIMUM 100' TAPER 5 DEVICE MINIMUM

ENTRANCE RAMP AREA ACCELERATION LANE WORK

SOUR! HIGHWAYS AND TRANSPORTATION DATE
COMMISSION

105 WEST CAPITOL
1-888-ASK-MODOT (1-888-275-6636)

ANASTASIA M SMITH

S/ONAL S

2/28/2025

RANKLIN JEFFERSO
JOB NO.
J6P3462
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

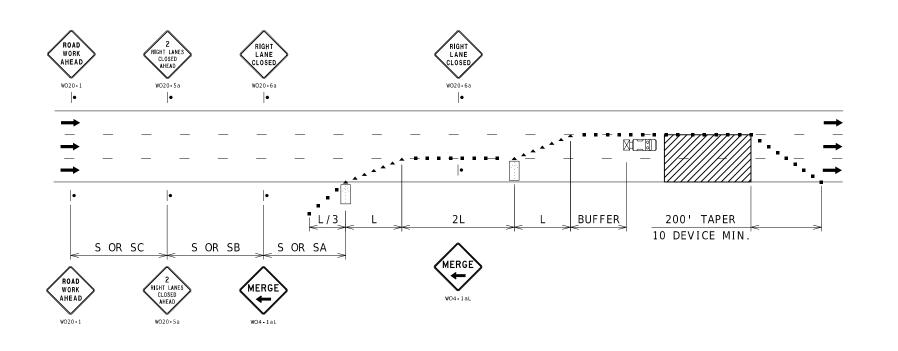
MO

9

VAR

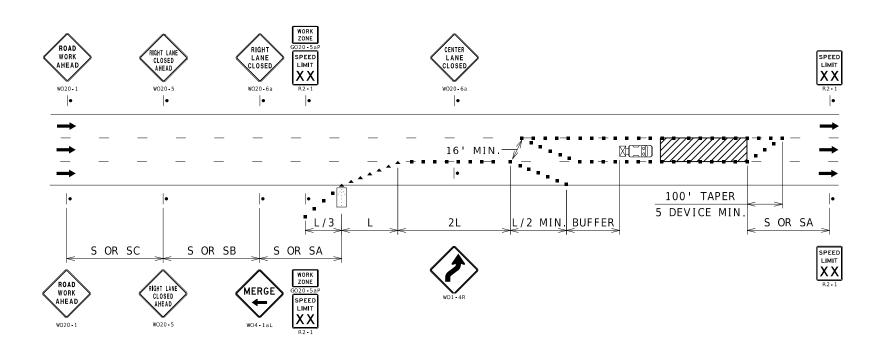
SL

TRAFFIC CONTROL SHEET 8 OF 9



SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

DOUBLE LANE CLOSURE



DISCLAIMER

THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

NOTES:

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

INTERIOR LANE CLOSURE

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED

2/28/2025

ROUTE STATE

VAR MO

DISTRICT SHEET NO.

SL 10

COUNTY

FRANKLIN JEFFERSON

JOB NO.

J6P3462

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

ANASTASIA M. SMITH NUMBER PE-2014017016

SONAL E

MISSOURI HIGHWAYS AND TRANSPORTATION

COMMISSION

COMMISSION

105 WEST CAPITOL

105 WEST CAPITOL

105 WEST CAPITOL

105 WEST CAPITOL

107 MG 65102

TRAFFIC CONTROL SHEET 9 OF 9