










FUNCTIONAL CLASSIFICATION-
INTERSTATE AND FREEWAY

NO RIGHT OF WAY IS ACQUIRED ON THIS PROJECT

NOTE: DASHED OR OPEN SYMBOLS INDICATE
EXISTING FEATURES

EXISTING	NEW
	
	
	
	
	
— FO —	— FO —
— OTV —	— OTV —
— UTV —	— UTV —
— OT —	— OT —
— UT —	— UT —
— OE —	— OE —
— UE —	— UE —
— S —	— S —
— SS —	— SS —
— G —	— G —
— W —	— W —

 SAN
 HYD
 WV
 WM
 DI
 SIGN
 PED

 V
 X
 BM

KEY MAP

KEY MAP

LOCATION OF VARIOUS COUNTIES

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.

TITLE SHEET	1
TRAFFIC CONTROL SHEETS (TC).....	2-11
SPECIAL SHEETS (SS).....	12-16

STATE OF MISSOURI
JACYLN A. WHITE
NUMBER
PE-2003001116
PROFESSIONAL ENGINEER
06/03/2025 9:14:40 AM
JACYLN A WHITE - CIVIL

DATE PREPARED

ROUTE	STATE
VARIOUS	MO

DISTRICT	SHEET NO.
KC	1

COUNTY
VARIOUS

JOB NO.
JKU0424

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)

BEGINNING OF PROJECT	VARIOUS
END OF PROJECT	VARIOUS

FOR INFORMATION ONLY
ESTIMATED DISTURBED ACRES

0.00 ACRES

Sign Spacing, Device Spacing
and Channelizing Taper Lengths

TAPER LENGTHS AND SPACING OF CHANNELIZING DEVICES					
SPEED MPH	MINIMUM TAPER LENGTHS (L) FOR LANE WIDTHS (W)			MAXIMUM CHANNELIZER SPACING (FT)	
	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

SIGN SPACING (S) FOR ADVANCE SIGN SERIES (1) (2)		
SPEED MPH	UNDIVIDED HIGHWAYS (FT)	DIVIDED HIGHWAYS (FT)
0-35	200	200
40-45	350	500
50-55	500	1000
60-70	1000	SA-1000 SB-1500 SC-2640

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 (FEET)
0-35	250
40-45	360
50-55	495
60-70	730

TAPER LENGTH (L):

L = WS FOR 40 MPH OR MORE

L = $\frac{WS^2}{60}$ 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

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
- ▲

DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER
- ⌈

BARRICADE
- ⌋

CHANGEABLE MESSAGE BOARD
- TMA

TRUCK MOUNTED ATTENUATOR
W/ FLASHING ARROW

STATE OF MISSOURI

JACLYN A. WHITE

NUMBER
PE-2003001116

PROFESSIONAL ENGINEER

Jaclyn A. White
06/03/2025 9:16:06 AM
JACLYN A. WHITE - CIVIL
MO-PE-2003001116

DATE PREPARED
6/3/2025

ROUTE
VAR.

DISTRICT
KC

STATE
MO

SHEET NO.
2

COUNTY
VARIOUS

JOB NO.
JKU0424

CONTRACT ID.

PROJECT NO.

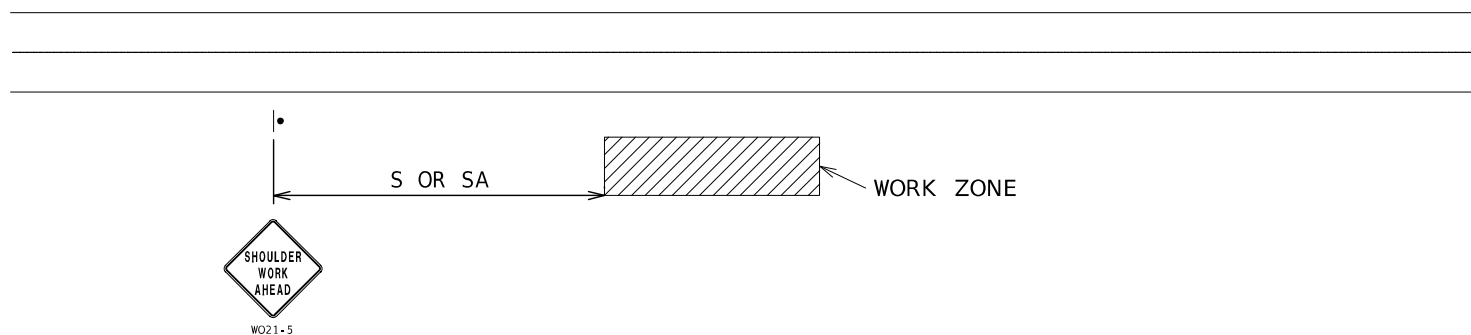
BRIDGE NO.

DESCRIPTION									
DATE									

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

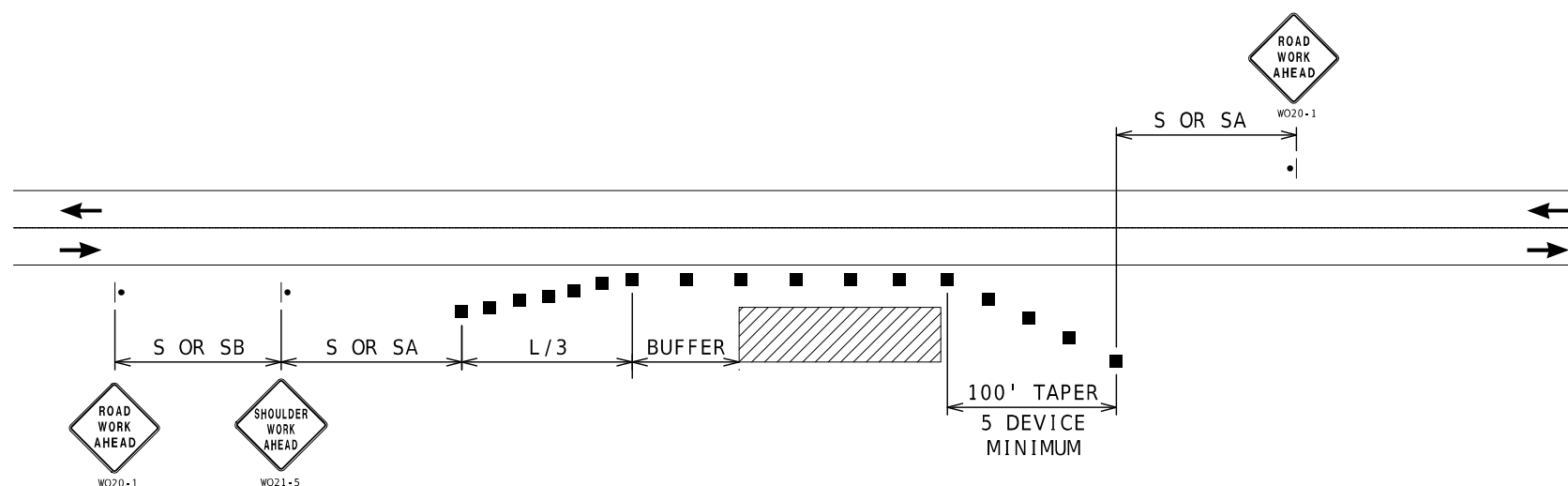
MoDOT

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JEFFERSON CITY, MO 65102
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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.

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.



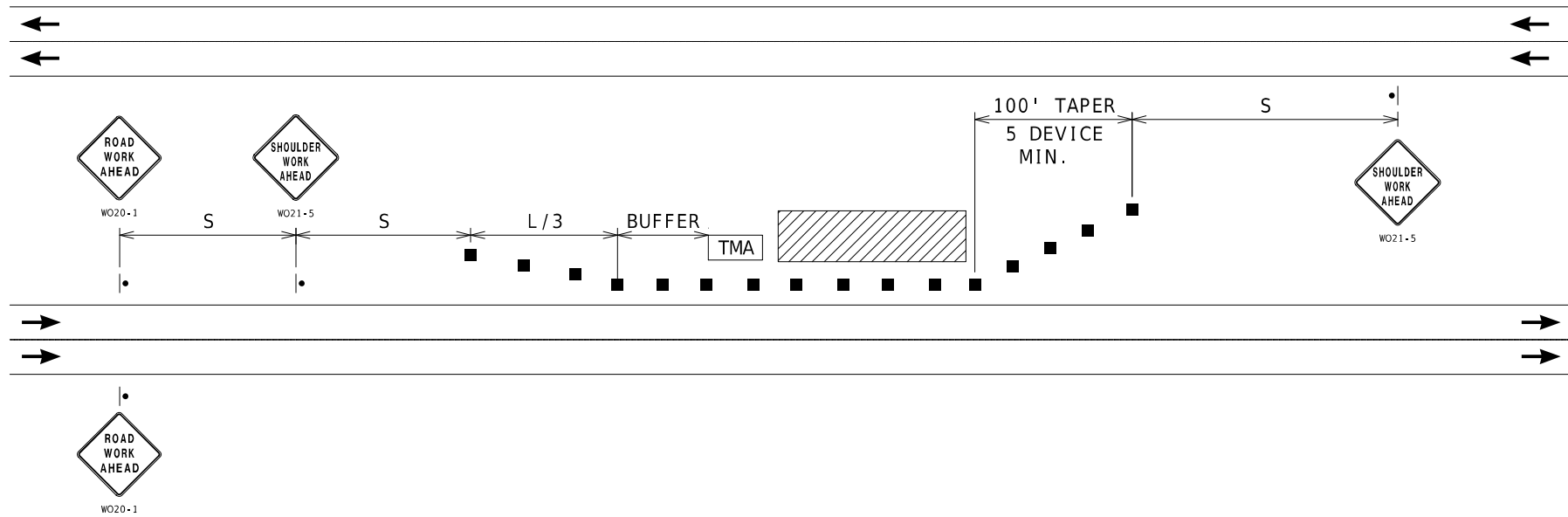
USED FOR WORK ON SHOULDER OR FOR WORK OFF SHOULDER
WITH WORK VEHICLES PARKED ON THE SHOULDER.

SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

JOB ORDER CONTRACT
TRAFFIC CONTROL
SHEET 2 OF 10

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

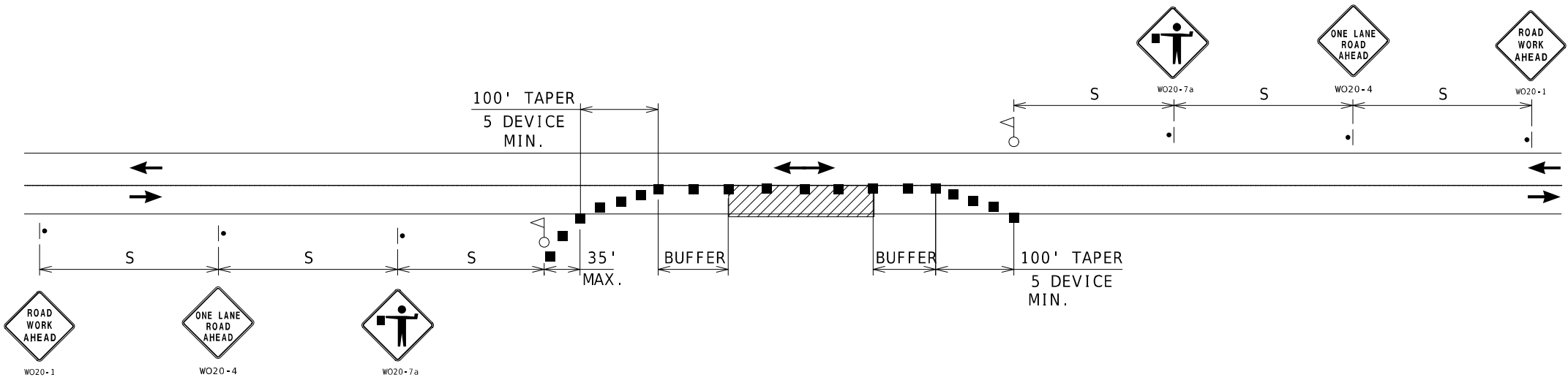
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JEFFERSON CITY, MO 65102
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LEFT SHOULDER WORK- HIGH SPEED DIVIDED ROADWAYS

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

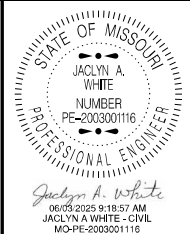
NOTES:
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.



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 RAMP AS DIRECTED BY THE ENGINEER. NO DIRECT PAYMENT
WILL BE MADE FOR FLAGGERS

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

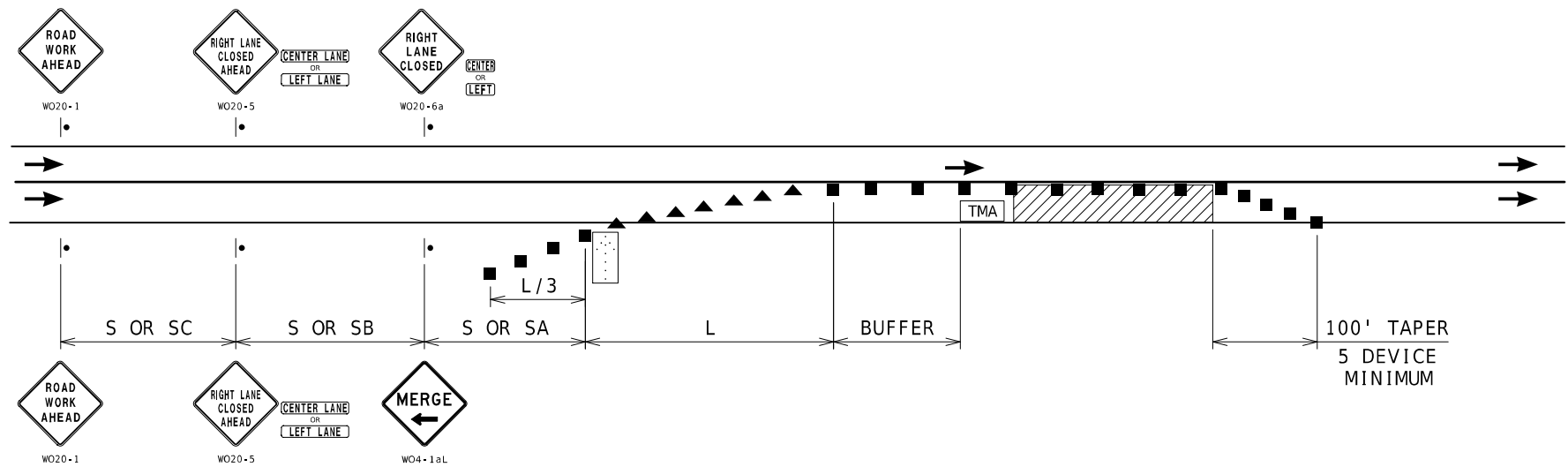


DATE PREPARED 6/3/2025	
ROUTE VAR.	STATE MO
DISTRICT KC	SHEET NO. 5
COUNTY VARIOUS	
JOB NO. JKU0424	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

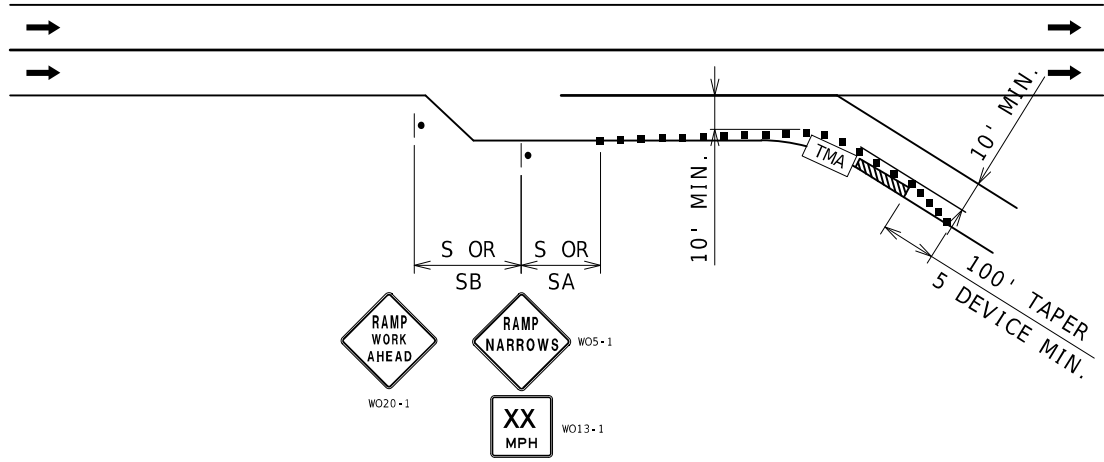
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NOTES:
SEE TCP SHEET 1 FOR SIGN SPACING AND TAPER LENGTHS.

SINGLE LANE CLOSURE



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

PARTIAL RAMP CLOSURE

STATE OF MISSOURI

JACLYN A. WHITE

NUMBER
PE-2003001116

PROFESSIONAL ENGINEER

Jaclyn A. White

06/05/2025 9:20:01 AM
JACLYN A WHITE - CIVIL
MC-PE-2003001116

DATE PREPARED
6/3/2025

ROUTE
VAR.

DISTRICT
KC

STATE
MO

SHEET NO.
6

COUNTY
VARIOUS

JOB NO.
JKU0424

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MODOT

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JEFFERSON CITY, MO 65102
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(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.



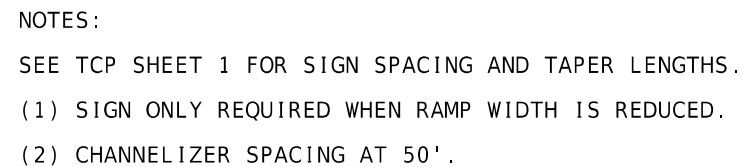
(4) CHANNELIZER SPACING AT 30'.



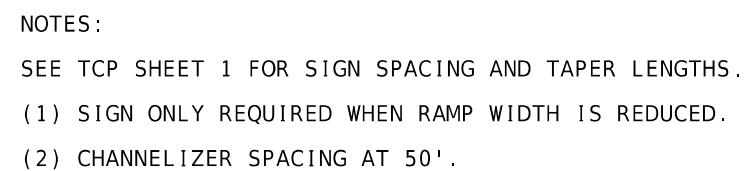
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102

JOB ORDER CONTRACT
TRAFFIC CONTROL
SHEET 6 OF 10

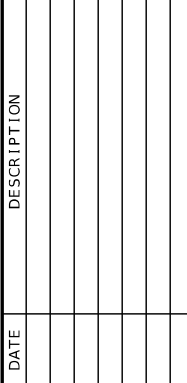


EXIT RAMP AREA MAINLINE WORK

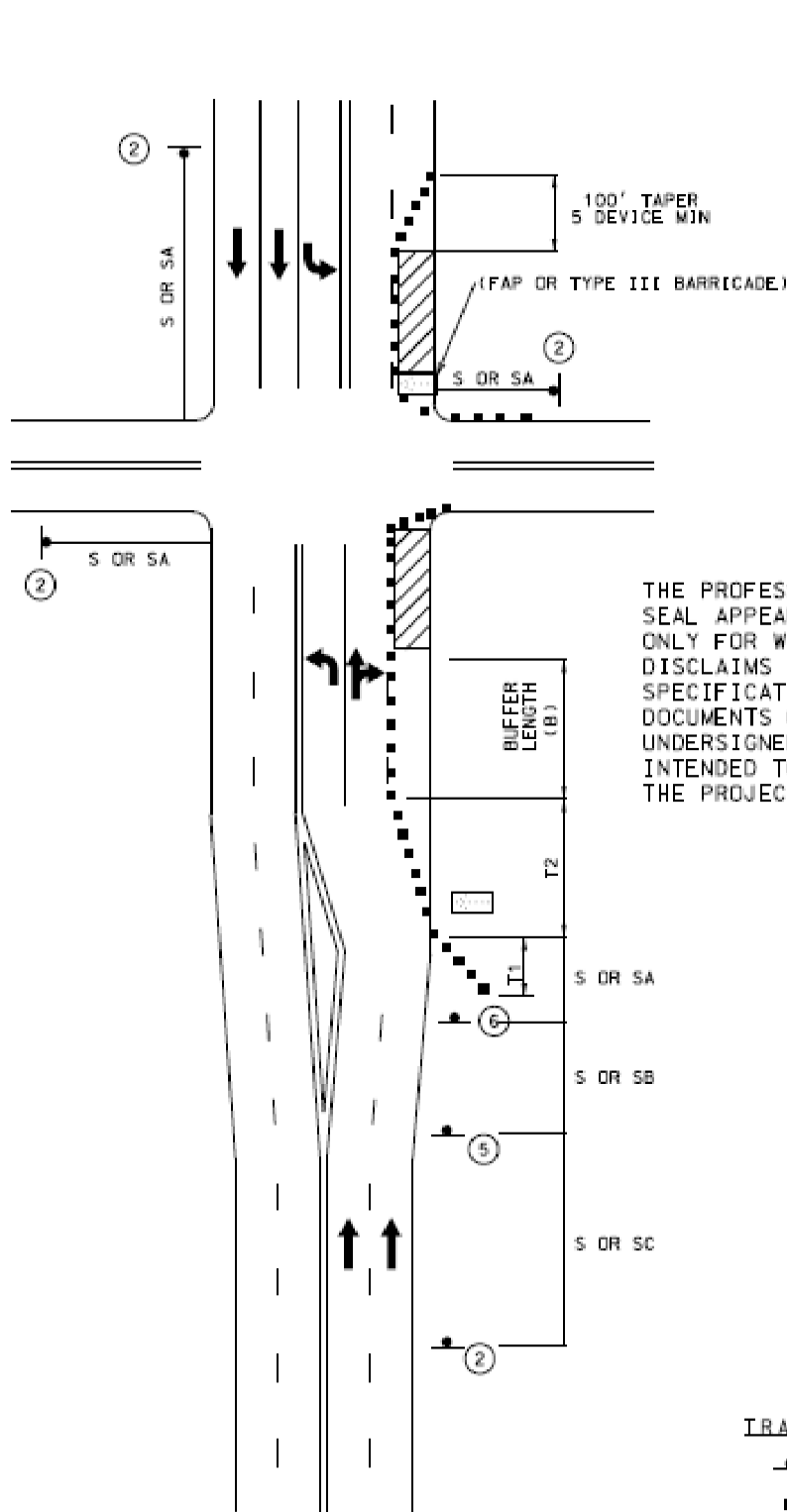


EXIT RAMP AREA DECELERATION LANE WORK

JOB ORDER CONTRACT
TRAFFIC CONTROL
SHEET 7 OF 10



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SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

REVIEW TYPICAL APPLICATION 616.8.22a LANE CLOSURE OF RIGHT LANE ON FAR SIDE OF INTERSECTION.

REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.

FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.

FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FOOT DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACING ARE ONE-HALF OF THE SPACING.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES. PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.

RIGHT LANE CLOSED AHEAD SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.

IF RUMBLE STRIPS ARE USED, REVIEW 616.6.87 RUMBLE STRIPS.

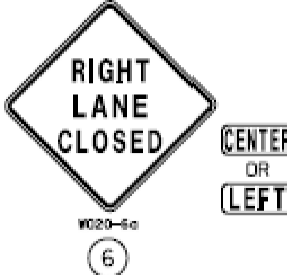
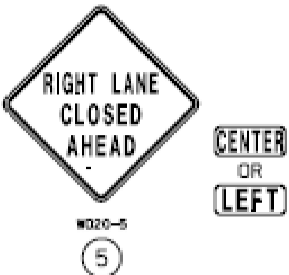
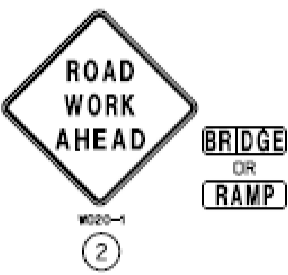
FOR FLAGS AND ADVANCED WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL

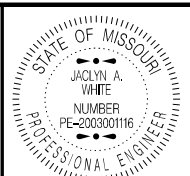
SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	200	200	70	245	280	35	40
40-45	350	500	150	540	400	40	80
50-55	500	1000	185	660	560	50	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.



RIGHT LANE CLOSURE AT INTERSECTION
WORK ON NEAR OR FAR SIDE

JOB ORDER CONTRACT
TRAFFIC CONTROL
SHEET 10 OF 10



DATE PREPARED
6/3/2025

ROUTE
VAR.
DISTRICT
KC

STATE
MO
SHEET NO.
11

COUNTY
VARIOUS

JOB NO.
JKU0424

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

DATE

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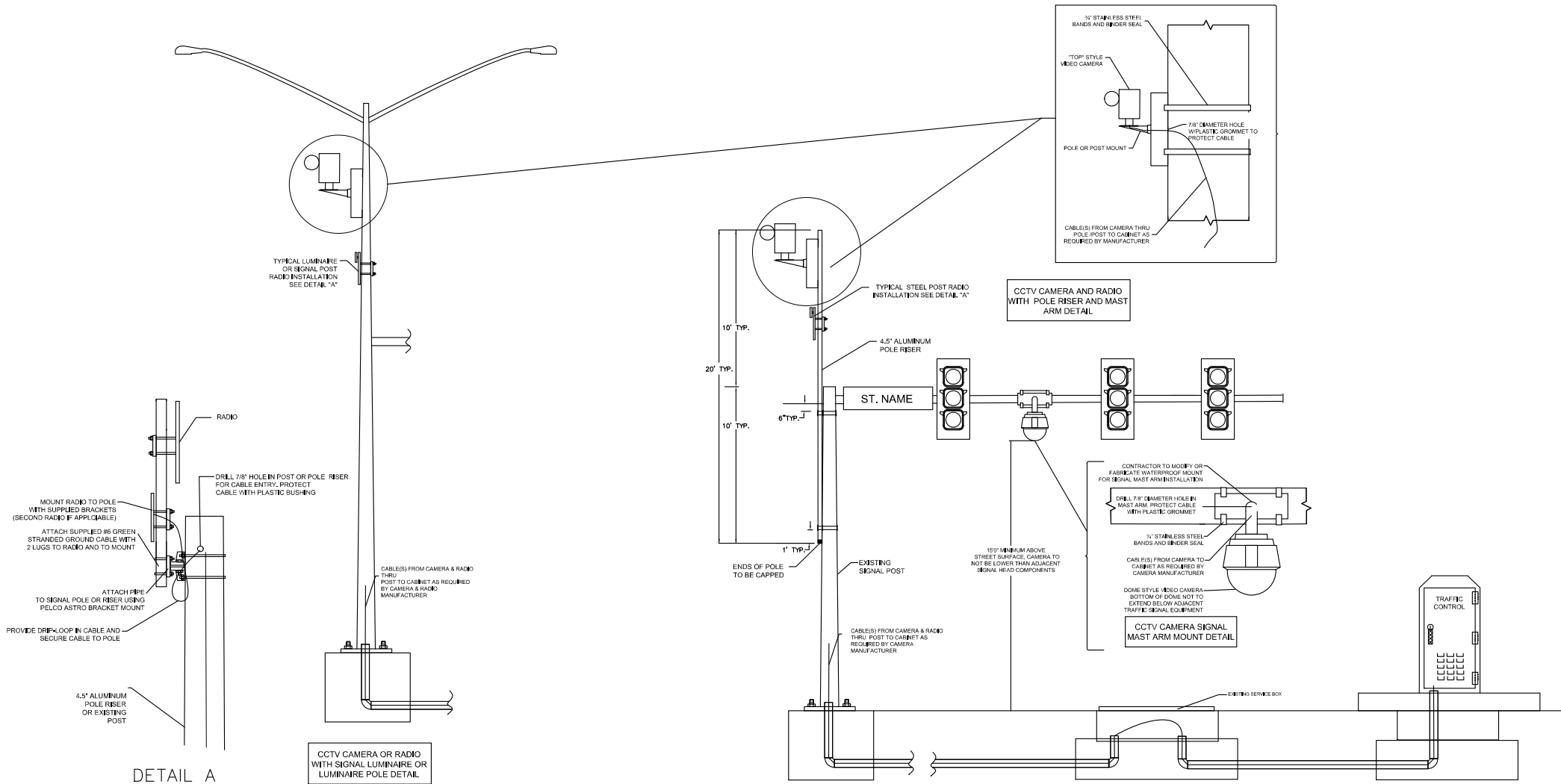
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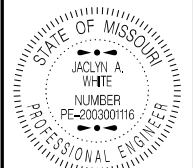
NOTE:
CONTRACTOR TO FOLLOW MODOT STANDARD DETAILS AND SPECIFICATIONS
FOR STANDARD MATERIALS, SIZE, BRACKETS, ETC.



NOTE:
UNLESS OTHERWISE NOTED, POLE MOUNTED INSTALLATIONS MAY USE A TOP MOUNT,
SIDE MOUNT, OR TOP MOUNT WITH RISER INSTALLATION METHOD.

CAMERA AND RADIO
INSTALLATION DETAIL

SPECIAL SHEET
SHEET 1 OF 5



Jaclyn A. White
06/03/2025 9:26:23 AM
JACLYN A WHITE - CIVIL
MO-PE-2003001116

DATE PREPARED
6/3/2025

ROUTE
VAR.

STATE
MO

DISTRICT
KC

SHEET NO.
12

COUNTY
VARIOUS

JOB NO.
JKU0424

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

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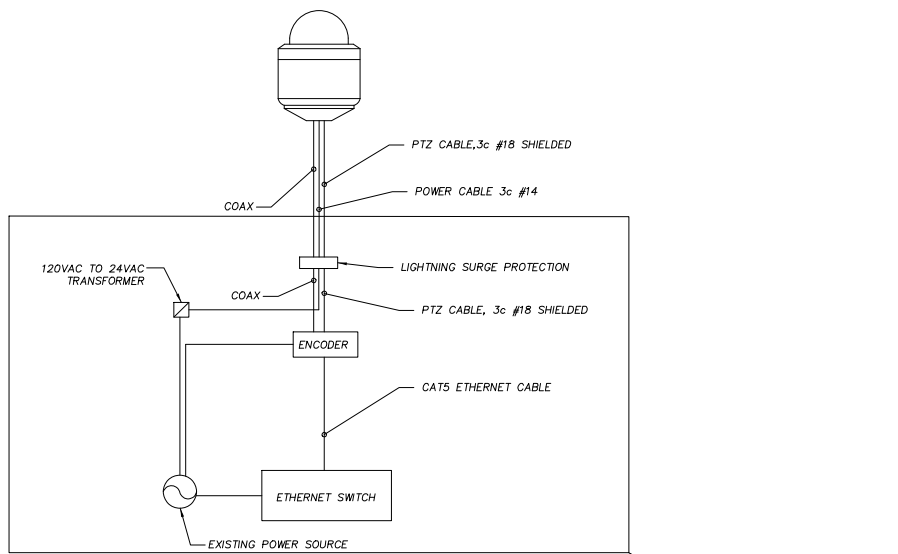
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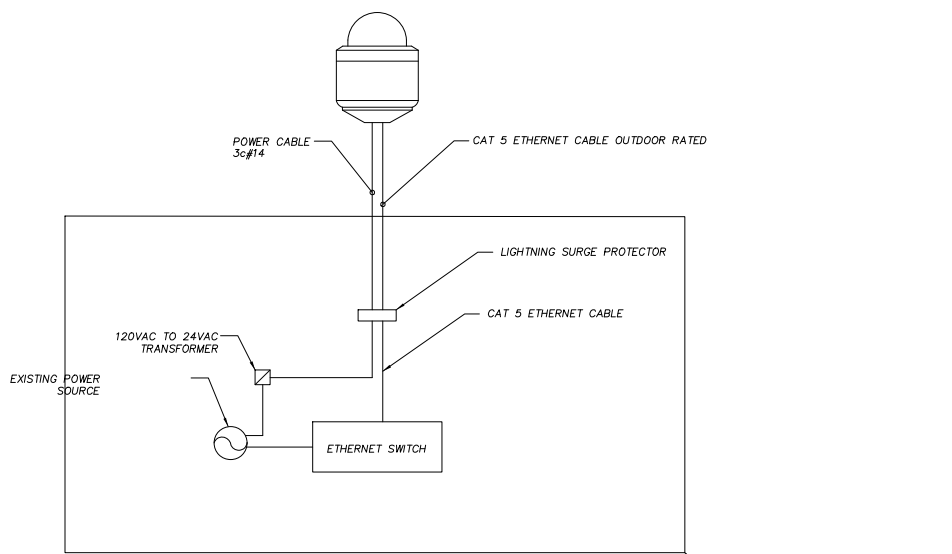
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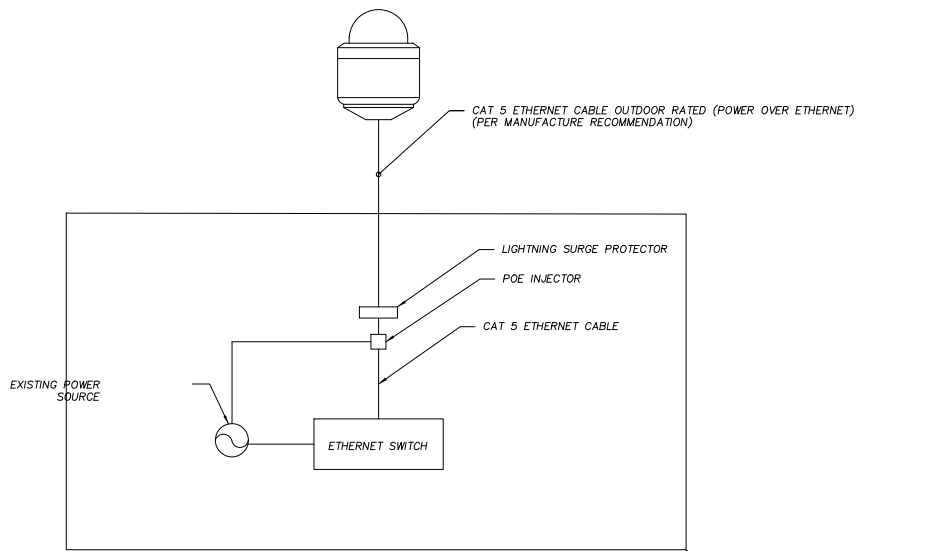
CCTV WIRING DIAGRAM (INSTALLATION OVER 300')



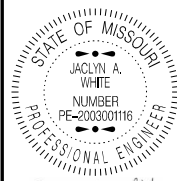
CCTV WIRING DIAGRAM - POWER AND COMMUNICATION CABLE (SEPARATE)

GENERAL NOTES:

1. FOR CAMERA INSTALLATIONS AT WHICH THE CAMERA IS LESS THAN (\leq) 300 FEET FROM THE CABINET, REFERENCE "ONE CABLE" OR "SEPERATE" CABLE INSTALLATION DETAIL. FIELD INSTALL A CAT 5 ETHERNET CABLE WHICH SHALL NOT BE GREATER THAN 300 FEET IN LENGTH.
2. FOR CAMERA INSTALLATIONS AT WHICH THE CAMERA IS GREATER THAN ($>$) 300 FEET FROM THE CABINET, REFERENCE THE "INSTALLATION OVER 300" DETAIL.
3. COMPOSITE CABLE MY BE INSTALLED IN LIEU OF SEPARATE CABLES AS APPROVED BY THE ENGINEER.



CCTV WIRING DIAGRAM - POWER OVER ETHERNET (ONE CABLE)



Jaclyn A. White
06/03/2025 9:27:01 AM
JACLYN A. WHITE - CIVIL
MO-PE-2003001116

DATE PREPARED
6/3/2025

ROUTE
VAR.

STATE
MO

DISTRICT
KC

SHEET NO.
13

COUNTY
VARIOUS

JOB NO.
JKU0424

CONTRACT ID.

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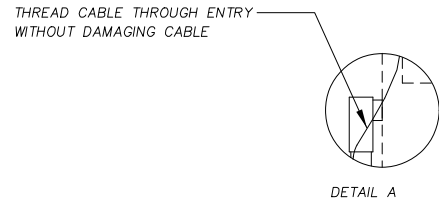
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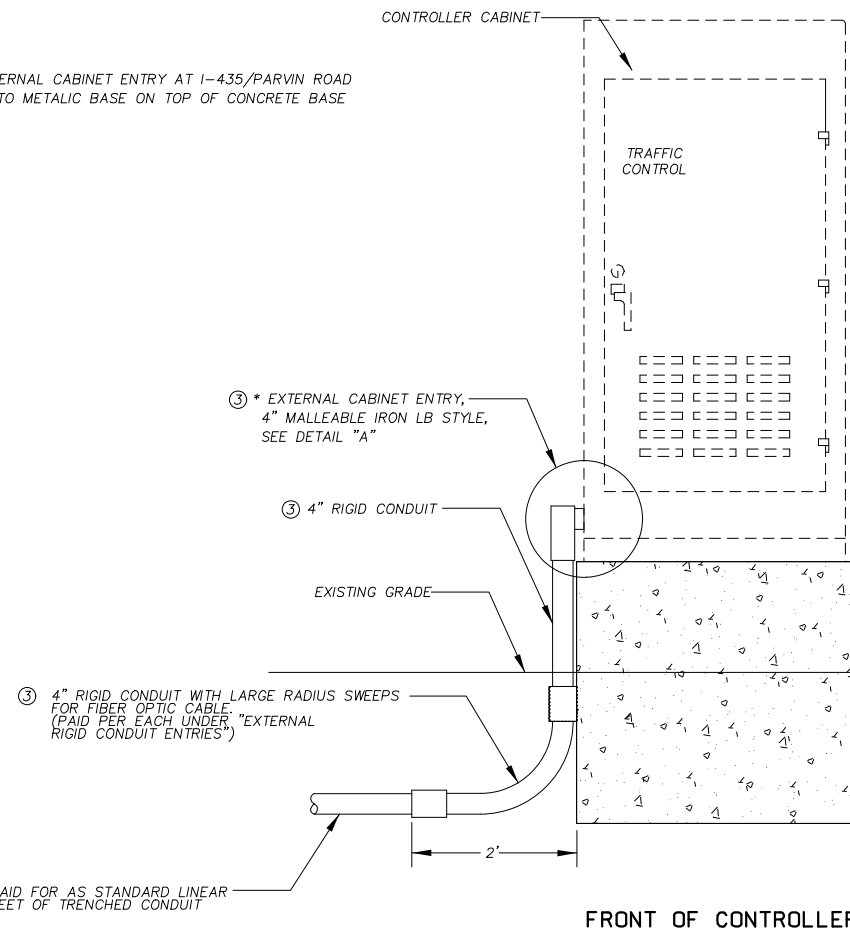
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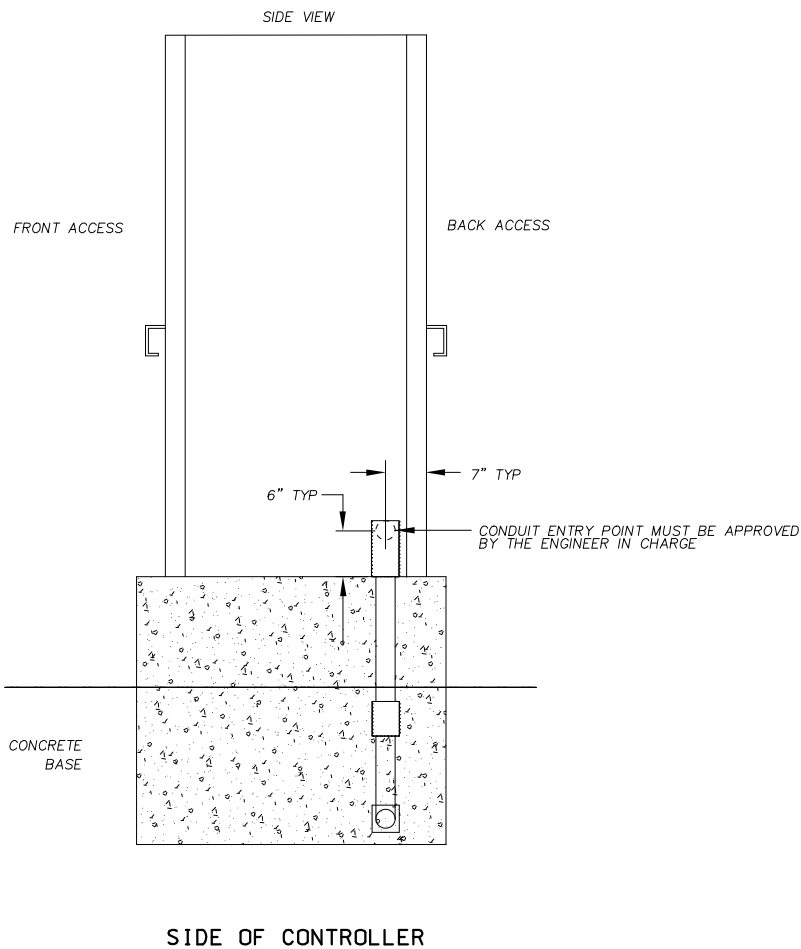
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* FOR EXTERNAL CABINET ENTRY AT I-435/PARVIN ROAD
ENTER INTO METALIC BASE ON TOP OF CONCRETE BASE



- NOTES:
- EXTERNAL RIGID CONDUIT ENTRY SHALL BE PAID PER EACH LOCATION UNDER "EXTERNAL RIGID CONDUIT ENTRY"
 - SEE JOB SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
 - CONDUIT AT I-435 & PARVIN RD, US69 & COMPTON AVENUE AND US69 & FORD DRIVE SHALL BE 2" MATERIAL.



SIGNAL CONTROLLER CABINET EXTERNAL RIGID CONDUIT ENTRY

SPECIAL SHEET
SHEET 4 OF 5

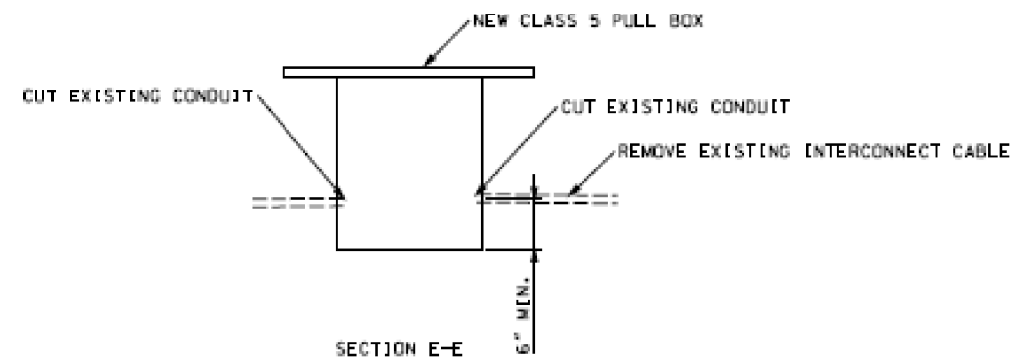
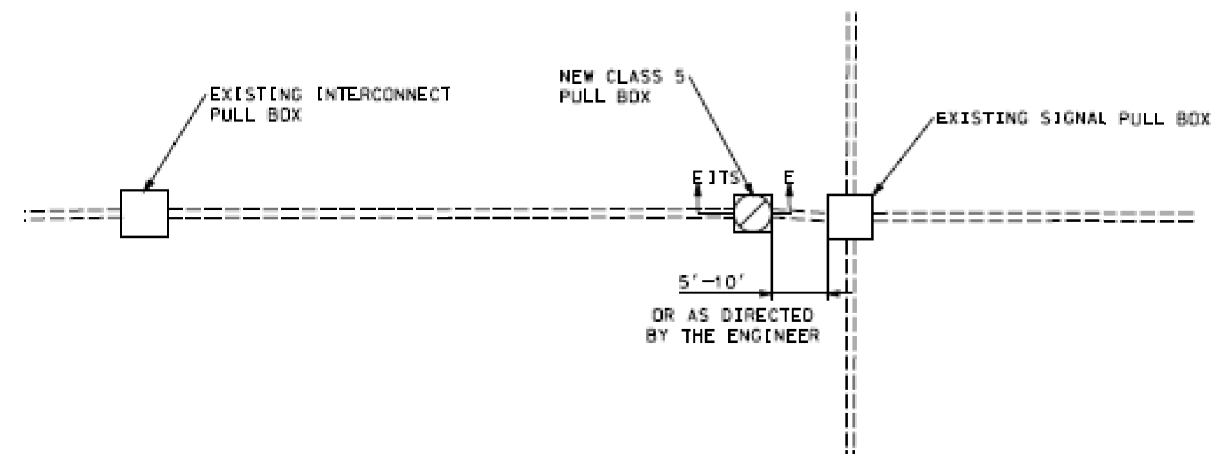


DATE PREPARED 6/3/2025	
ROUTE VAR.	STATE MO
DISTRICT KC	SHEET NO. 15
COUNTY VARIOUS	
JOB NO. JKU0424	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

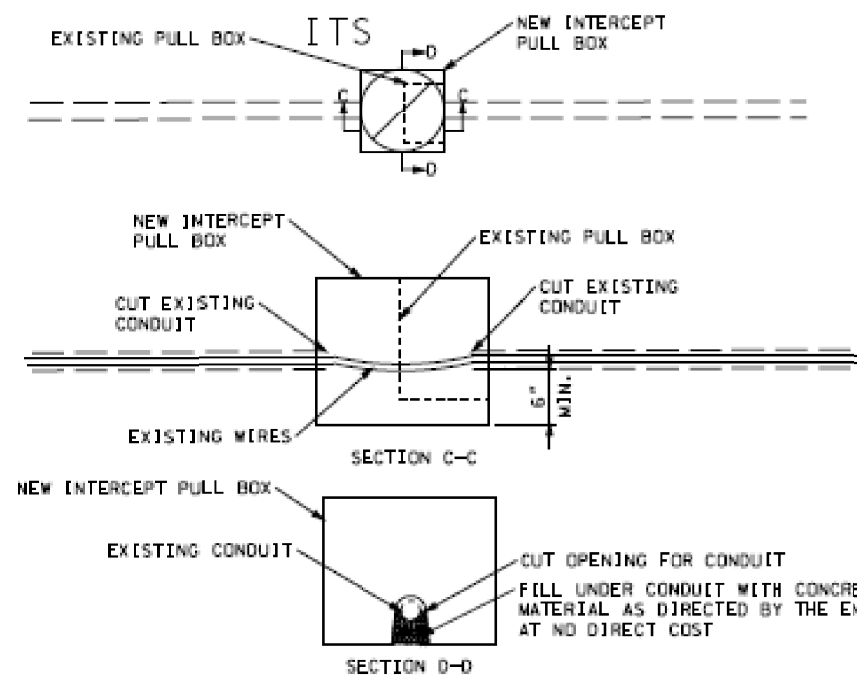
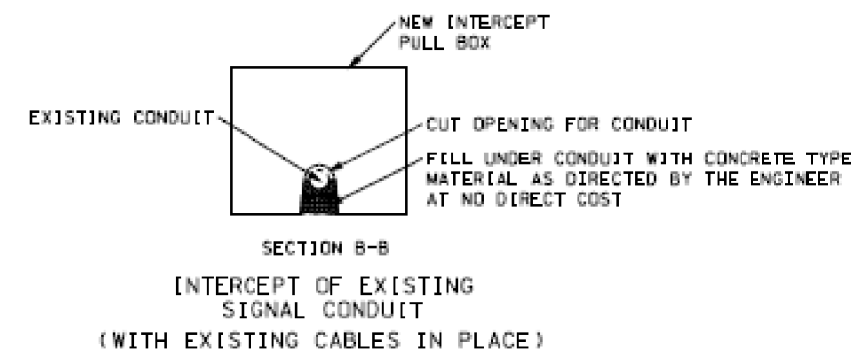
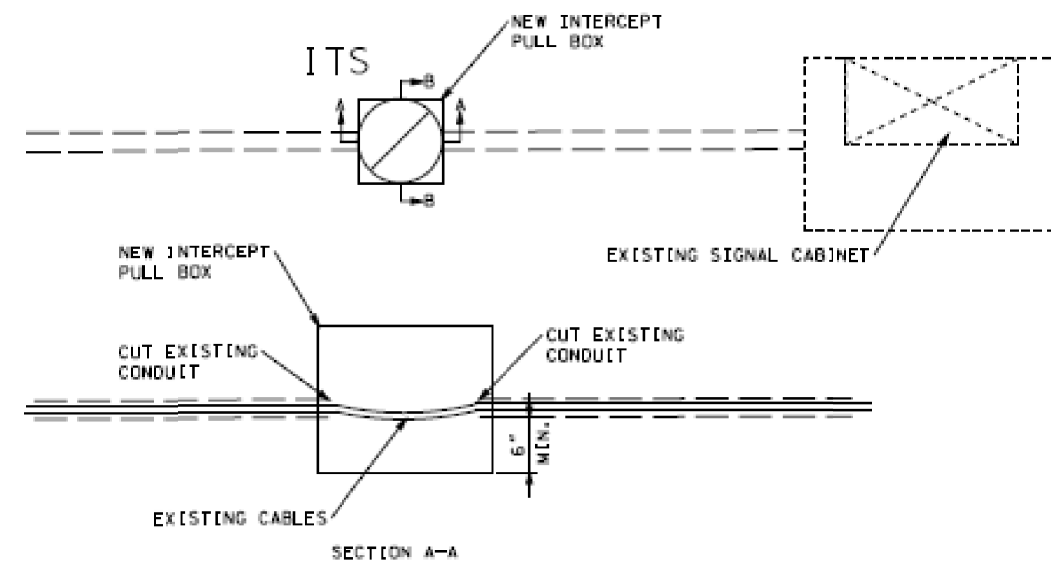
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



[INTERCEPT OF EXISTING
INTERCONNECT CONDUIT SYSTEM
(WITH EXISTING CABLE REMOVED)]



REPLACING EX[STING
PULL BOX
(WITH EX[STING CABLES IN PLACE)



Jaclyn A. White
06/03/2025 9:29:16 AM
JACLYN A WHITE - CIVIL
110 25 000000000000

MC-PE-200300116
DATE PREPARED
6/3/2025

ROUTE	STATE
VAR.	MO

DISTRICT	SHEET NO.
KC	16

COUNTY
VARIOUS

JOB NO.
JKU0424

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

SPECIAL SHEET
SHEET 5 OF 5

EXISTING CONDUIT INTERCEPTS DETAILS