

DESIGN DESIGNATION

A.A.D.T. - 2021 = 8,140

T = 7.5%

V = 45 M.P.H.

FUNCTIONAL CLASSIFICATION- PRINCIPAL ARTERIAL

NO R/W REQUIRED

CONVENTIONAL SYMBOLS  
(USED IN PLANS)

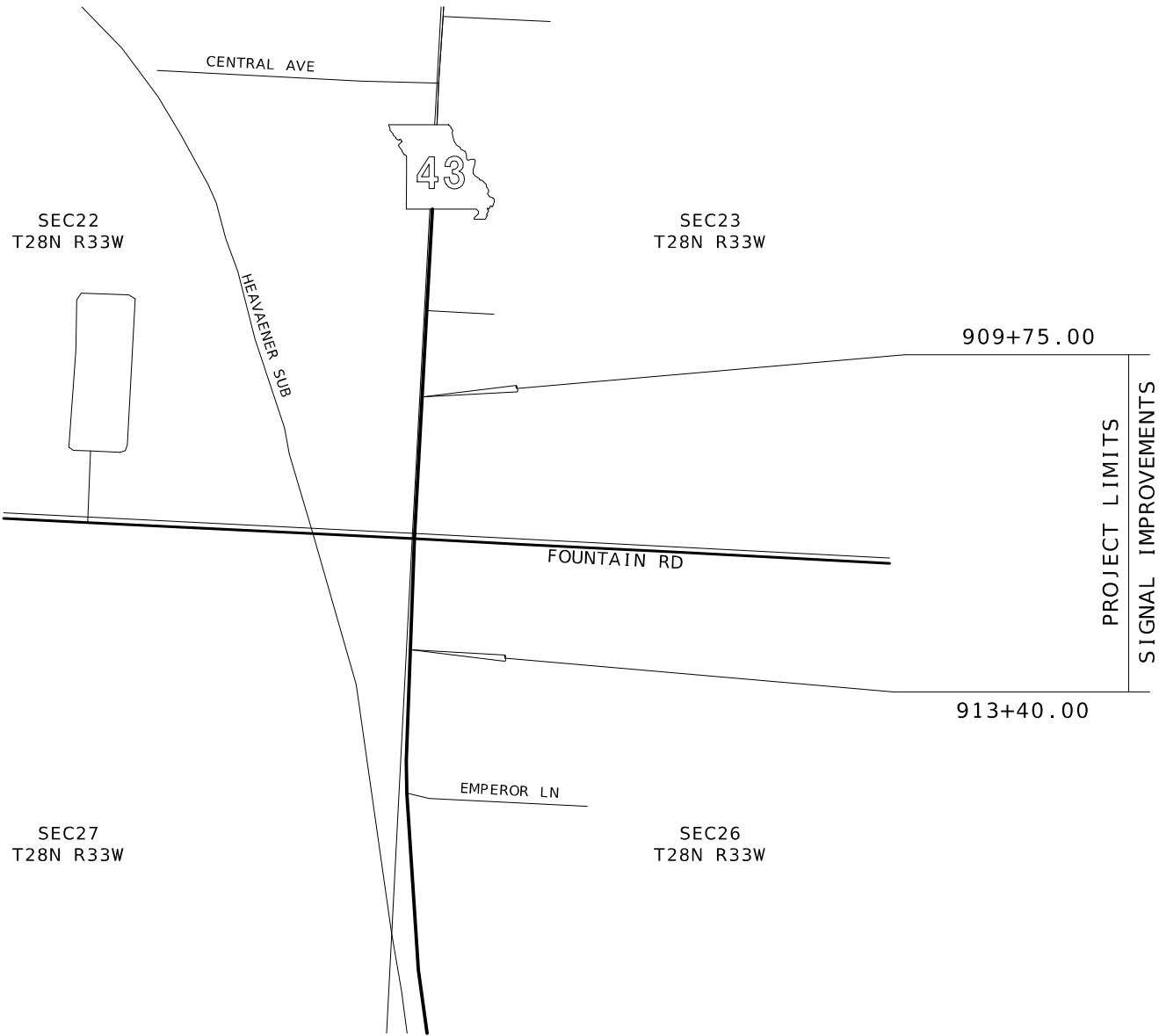
|                              | EXISTING | NEW   |
|------------------------------|----------|-------|
| BUILDINGS AND STRUCTURES     |          |       |
| GUARD RAIL                   |          |       |
| GUARD CABLE                  |          |       |
| CONCRETE RIGHT-OF-WAY MARKER |          |       |
| 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  
JASPER COUNTY



KEY MAP  
LOCATION OF JASPER COUNTY

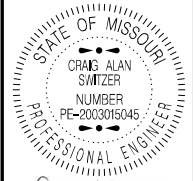


NOT TO SCALE

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            |
| TYPICAL SECTIONS (TS) (1 SHEET)---- | 2            |
| QUANTITIES (QU) (2 SHEETS)-----     | 3            |
| PLAN-PROFILE (PP)-----              | 4            |
| COORDINATE POINTS (CP)-----         | 5            |
| TRAFFIC CONTROL SHEETS (TC)-----    | 6-12         |
| EROSION CONTROL SHEETS (EC)-----    | 13           |
| SIGNALS (SG)-----                   | 14-19        |
| SIGNING (SN)-----                   | 20           |



DATE PREPARED  
4/4/2024

ROUTE 43 STATE MO

DISTRICT SW SHEET NO. 1

COUNTY JASPER

JOB NO. JSR0048

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

LENGTH OF PROJECT

|                      |                  |
|----------------------|------------------|
| BEGINNING OF PROJECT | STA. 909 + 75.00 |
| END OF PROJECT       | STA. 913 + 40.00 |

APPARENT LENGTH 365.00 FEET

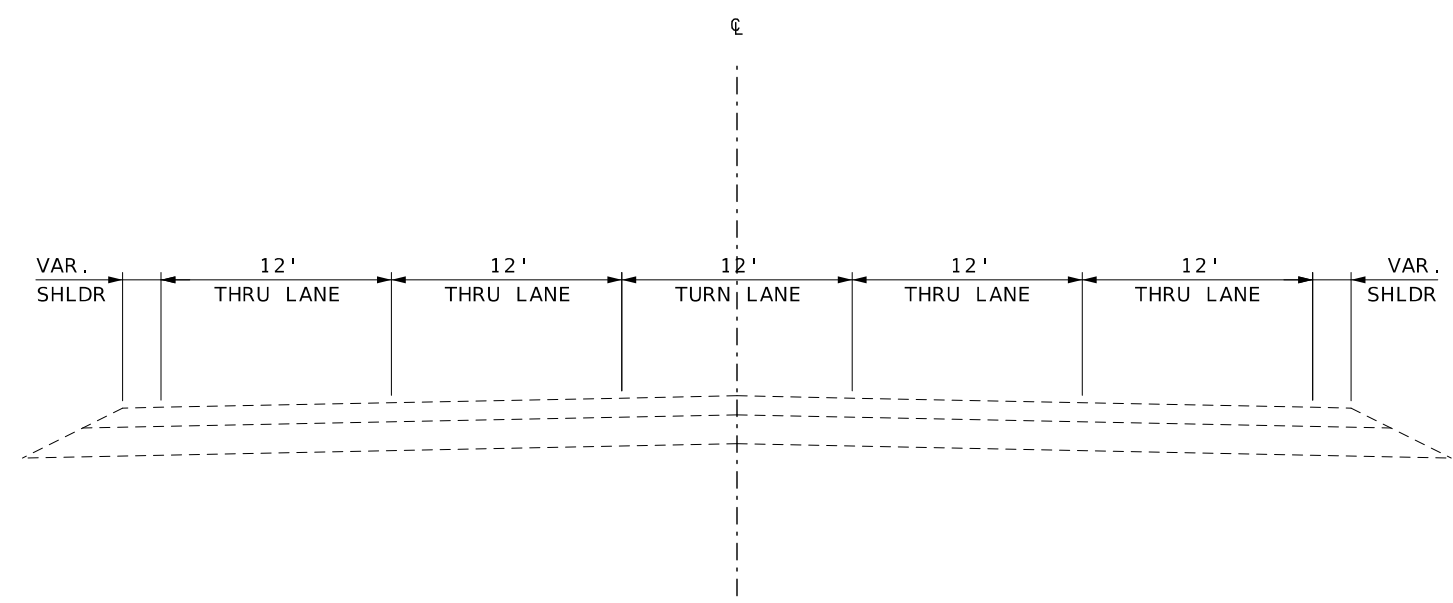
EQUATIONS AND EXCEPTIONS: NONE

TOTAL CORRECTIONS 0.00 FEET

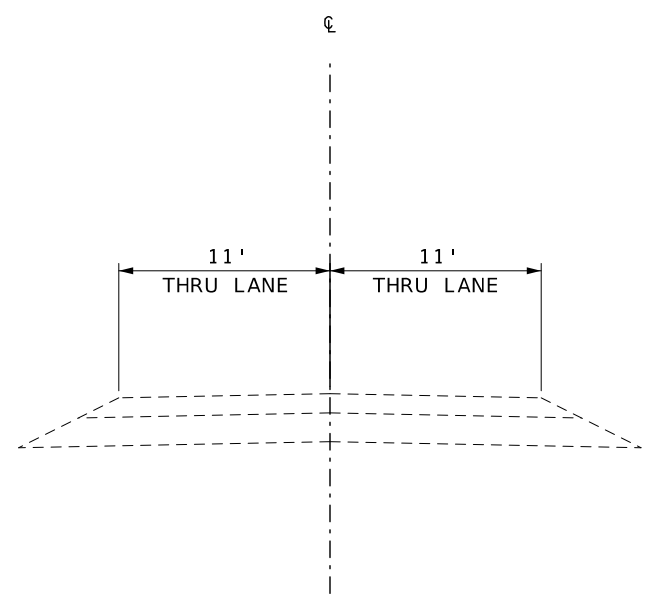
NET LENGTH OF PROJECT 365.00 FEET

STATE LENGTH 0.069 MILES

FOR INFORMATION ONLY  
ESTIMATED DISTURBED ACRES 0.1 ACRES



MO 43  
STA 909+75.00 TO STA 913+40.00



FOUNTAIN RD

STATE OF MISSOURI

CRAIG ALAN SWITZER

NUMBER

PE-2003015045

PROFESSIONAL ENGINEER

&(Date) &(Time)

CRAIG ALAN SWITZER - CIVIL

MO-PE-2003015045

DATE PREPARED

2/27/2024

ROUTE

43

DISTRICT

SW

STATE

MO

SHEET NO.

2

COUNTY

JASPER

JOB NO.

JSR0048

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)



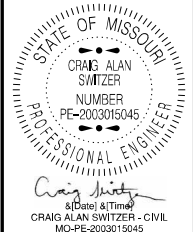
| REMOVAL OF IMPROVEMENTS |           |                                |     |          |               |
|-------------------------|-----------|--------------------------------|-----|----------|---------------|
| STATION                 | LOCATION  | DESCRIPTION                    | QTY | UNIT     | REMARKS       |
| 911+65.00               | ℄         | EXIST. SPAN WIRE SIGNAL SYSTEM | 1   | EA       |               |
| 911+39.24               | 47.84' LT | DOUBLE PULL BOX                | 1   | EA       | (R) & REPLACE |
| 911+41.72               | 43.85' LT | EXIST. SIGN                    | 1   | EA       |               |
| 911+47.09               | 46.89' RT | PULL BOX                       | 1   | EA       | (R) & REPLACE |
| 911+92.47               | 49.42' LT | PULL BOX                       | 1   | EA       | (R) & REPLACE |
| 911+92.96               | 47.24' RT | PULL BOX                       | 1   | EA       | (R) & REPLACE |
| TOTAL                   |           |                                | 1   | LUMP SUM |               |

|                                            |
|--------------------------------------------|
| CONTRACTOR FURNISHED SURVEYING AND STAKING |
| 1 LUMP SUM                                 |

|              |
|--------------|
| MOBILIZATION |
| 1 LUMP SUM   |

| EROSION CONTROL |           |           |                  |            |                  |         |
|-----------------|-----------|-----------|------------------|------------|------------------|---------|
|                 |           |           | ROCK DITCH CHECK | SILT FENCE | SEDIMENT REMOVAL |         |
| STATION         | STATION   | LOCATION  | LF               | LF         | CY               | REMARKS |
| 911+02.96       |           | 37.53' LT | 10.0             |            | 1.0              |         |
| 911+06.11       | 911+47.95 | 58.55' LT |                  | 41.8       | 0.4              |         |
| 911+20.40       |           | 43.92' RT | 10.0             |            | 1.0              |         |
| 911+47.38       |           | 56.26' RT | 10.0             |            | 1.0              |         |
| 911+54.61       |           | 53.85' LT | 10.0             |            | 1.0              |         |
| 911+98.02       |           | 51.19' LT | 10.0             |            | 1.0              |         |
| 911+98.76       |           | 54.32' RT | 10.0             |            | 1.0              |         |
| 912+09.51       |           | 47.08' RT | 10.0             |            | 1.0              |         |
| 912+12.83       |           | 47.13' LT | 10.0             |            | 1.0              |         |
| SUBTOTAL        |           |           | 80.0             | 41.8       | 8.4              |         |
| TOTAL           |           |           | 80               | 42         | 9                |         |

| SEEDING AND MULCHING |           |         |          |
|----------------------|-----------|---------|----------|
|                      |           | SEEDING | MULCHING |
| STATION              | STATION   | ACRE    | ACRE     |
| 909+75.00            | 913+40.00 | 0.01    | 0.01     |
| SUBTOTAL             |           | 0.01    | 0.01     |
| TOTAL                |           | 0.1     | 0.1      |



|               |           |
|---------------|-----------|
| DATE PREPARED |           |
| 4 / 4 / 2024  |           |
| ROUTE         | STATE     |
| 43            | MO        |
| DISTRICT      | SHEET NO. |
| SW            | 3         |
| COUNTY        |           |
| JASPER        |           |
| JOB NO.       |           |
| JSR0048       |           |
| CONTRACT ID.  |           |
|               |           |
| PROJECT NO.   |           |
|               |           |
| BRIDGE NO.    |           |
|               |           |

| DESCRIPTION |  |  |  |  |  |  |  |  |  |
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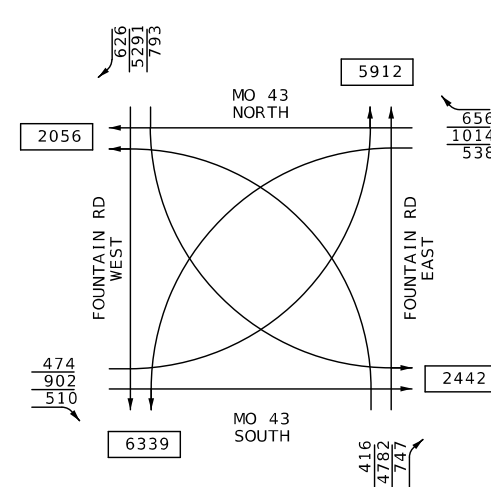
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

| EFFECTIVE: 04-01-2024 |             |                 |             |                          |                      |                           |              |                                                  |                     |             |                 |             |                  |                      |                           |              |                                                    |                                                                                                                                          |                             |                                                                                 |  |  |  |  |  |  |
|-----------------------|-------------|-----------------|-------------|--------------------------|----------------------|---------------------------|--------------|--------------------------------------------------|---------------------|-------------|-----------------|-------------|------------------|----------------------|---------------------------|--------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------------------------------------------------------------------------|--|--|--|--|--|--|
| SIGN                  | SIZE<br>IN. | AREA<br>SQ. FT. | QTY<br>EACH | TOTAL<br>AREA<br>SQ. FT. | QTY<br>RELOC<br>EACH | TOTAL<br>RELOC<br>SQ. FT. | SIGN<br>NUM. | DESCRIPTION                                      | SIGN                | SIZE<br>IN. | AREA<br>SQ. FT. | QTY<br>EACH | TOTAL<br>SQ. FT. | QTY<br>RELOC<br>EACH | TOTAL<br>RELOC<br>SQ. FT. | SIGN<br>NUM. | DESCRIPTION                                        | ITEM<br>NUMBER                                                                                                                           | TOTAL<br>QTY                | DESCRIPTION                                                                     |  |  |  |  |  |  |
| WARNING SIGNS         |             |                 |             |                          |                      |                           |              |                                                  | GUIDE SIGNS         |             |                 |             |                  |                      |                           |              |                                                    | REGULATORY SIGNS                                                                                                                         |                             |                                                                                 |  |  |  |  |  |  |
| DESCRIPTION           |             |                 |             |                          |                      |                           |              |                                                  | DESCRIPTION         |             |                 |             |                  |                      |                           |              |                                                    | DESCRIPTION                                                                                                                              |                             |                                                                                 |  |  |  |  |  |  |
| WO1-1L                | 48X48       | 16.00           |             |                          |                      |                           |              | TURN (SYMBOL LEFT)                               | E05-1               | 36X48       | 12.00           |             |                  |                      |                           |              | GORE EXIT                                          | 6122008                                                                                                                                  |                             | IMPACT ATTENUATOR 40 MPH (SAND BARRELS)                                         |  |  |  |  |  |  |
| WO1-1R                | 48X48       | 16.00           |             |                          |                      |                           |              | TURN (SYMBOL RIGHT)                              | E05-2               | 48X36       | 12.00           |             |                  |                      |                           |              | EXIT OPEN                                          | 6122009                                                                                                                                  |                             | IMPACT ATTENUATOR 45 MPH (SAND BARRELS)                                         |  |  |  |  |  |  |
| WO1-2L                | 48X48       | 16.00           |             |                          |                      |                           |              | CURVE (SYMBOL LEFT)                              | E05-2a              | 48X36       | 12.00           |             |                  |                      |                           |              | EXIT CLOSED                                        | 6122010                                                                                                                                  |                             | IMPACT ATTENUATOR 50 MPH (SAND BARRELS)                                         |  |  |  |  |  |  |
| WO1-2R                | 48X48       | 16.00           |             |                          |                      |                           |              | CURVE (SYMBOL RIGHT)                             | GO20-1              | 60X24       | 10.00           | 2           | 20               |                      |                           | 1            | ROAD WORK NEXT 1 MILES                             | 6122012                                                                                                                                  |                             | IMPACT ATTENUATOR 55 MPH (SAND BARRELS)                                         |  |  |  |  |  |  |
| WO1-3L                | 48X48       | 16.00           |             |                          |                      |                           |              | REVERSE TURN (SYMBOL LEFT)                       | GO20-2              | 48X24       | 8.00            | 2           | 16               |                      |                           | 26           | END ROAD WORK                                      | 6122014                                                                                                                                  |                             | IMPACT ATTENUATOR 60 MPH (SAND BARRELS)                                         |  |  |  |  |  |  |
| WO1-3R                | 48X48       | 16.00           |             |                          |                      |                           |              | REVERSE TURN (SYMBOL RIGHT)                      | 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)                      | 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)                     | 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 LEFT)         | GO20-5aP            | 36X24       | 6.00            | 4           | 24               |                      |                           | 54           | WORK ZONE (PLAQUE)                                 | 6122030                                                                                                                                  |                             | IMPACT ATTENUATOR (RELOCATION)                                                  |  |  |  |  |  |  |
| WO1-4bR               | 48X48       | 16.00           |             |                          |                      |                           |              | DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)        | MO4-8a              | 24X18       | 3.00            |             |                  |                      |                           |              | END DETOUR                                         | 6123001                                                                                                                                  |                             | TRUCK MOUNTED ATTENUATOR (TMA)                                                  |  |  |  |  |  |  |
| WO1-4cL               | 48X48       | 16.00           |             |                          |                      |                           |              | TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)         | MO4-9L              | 48X36       | 12.00           |             |                  |                      |                           |              | DETOUR (LEFT)                                      | 6161008                                                                                                                                  | 2                           | ADVANCED WARNING RAIL SYSTEM                                                    |  |  |  |  |  |  |
| WO1-4cR               | 48X48       | 16.00           |             |                          |                      |                           |              | TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)        | MO4-9R              | 48X36       | 12.00           |             |                  |                      |                           |              | DETOUR (RIGHT)                                     | 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                                                                                                                                  | 200                         | CHANNELIZER (TRIM LINE)                                                         |  |  |  |  |  |  |
| WO1-7a                | 72X36       | 18.00           |             |                          |                      |                           |              | DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.) | REGULATORY SIGNS    |             |                 |             |                  |                      |                           |              | 6161030                                            | 4                                                                                                                                        | TYPE III MOVEABLE BARRICADE |                                                                                 |  |  |  |  |  |  |
| WO1-8                 | 18X24       | 3.00            |             |                          |                      |                           |              | CHEVRON (SYMBOL)                                 | R1-1                | 48X48       | 13.25           | 4           | 53               |                      |                           | 60           | STOP                                               | 6161033                                                                                                                                  |                             | 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           | 4           | 64                       |                      |                           | 62           | 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            | 4           | 10               |                      |                           | 61           | ALL WAY (PLAQUE)                                   | 6161055                                                                                                                                  |                             | SEQUENTIAL FLASHING WARNING LIGHT                                               |  |  |  |  |  |  |
| WO3-3                 | 48X48       | 16.00           |             |                          |                      |                           |              | SIGNAL AHEAD (SYMBOL)                            | R2-1                | 36X48       | 12.00           | 4           | 48               |                      |                           | 4, 25        | SPEED LIMIT 35, 45                                 | 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)                              | 6161096                                                                                                                                  |                             | CHANGEABLE MESSAGE SIGN,<br>COMMISSION FURNISHED/RETAINED                       |  |  |  |  |  |  |
| WO4-1L                | 48X48       | 16.00           |             |                          |                      |                           |              | MERGE (SYMBOL FROM LEFT)                         | R3-3                | 36X36       | 9.00            |             |                  |                      |                           |              | NO TURNS                                           | 6161098A                                                                                                                                 |                             | CHANGEABLE MESSAGE SIGN W/O COMM.<br>INTERFACE - CONTRACTOR FURNISHED/RETAINED  |  |  |  |  |  |  |
| WO4-1R                | 48X48       | 16.00           |             |                          |                      |                           |              | MERGE (SYMBOL FROM RIGHT)                        | R3-4                | 48X48       | 16.00           |             |                  |                      |                           |              | NO U-TURN (SYMBOL)                                 | 6161099                                                                                                                                  | 2                           | CHANGEABLE MESSAGE SIGN WITH COMM.<br>INTERFACE - CONTRACTOR FURNISHED/RETAINED |  |  |  |  |  |  |
| WO4-1aL               | 48X48       | 16.00           |             |                          |                      |                           |              | MERGE (LEFT)                                     | R3-7L               | 30X30       | 6.25            | 2           | 12.5             |                      |                           | 19           | LEFT LANE MUST TURN LEFT                           | 6162000A                                                                                                                                 | 1                           | WORK ZONE TRAFFIC SIGNAL SYSTEM**                                               |  |  |  |  |  |  |
| WO4-1aR               | 48X48       | 16.00           |             |                          |                      |                           |              | MERGE (RIGHT)                                    | R3-7R               | 30X30       | 6.25            | 2           | 12.5             |                      |                           | 20           | RIGHT LANE MUST TURN RIGHT                         | 6162002                                                                                                                                  |                             | TEMPORARY LONG-TERM RUMBLE STRIPS                                               |  |  |  |  |  |  |
| WO5-1                 | 48X48       | 16.00           | 2           | 32                       |                      |                           | 43           | ROAD/BRIDGE/RAMP NARROWS                         | R4-1                | 36X48       | 12.00           |             |                  |                      |                           |              | DO NOT PASS                                        | 6173600D                                                                                                                                 |                             | TEMPORARY TRAFFIC BARRIER                                                       |  |  |  |  |  |  |
| WO5-3                 | 48X48       | 16.00           |             |                          |                      |                           |              | ONE LANE BRIDGE                                  | R4-2                | 36X48       | 12.00           |             |                  |                      |                           |              | PASS WITH CARE                                     | 6173600B                                                                                                                                 |                             | CONTRACTOR FURNISHED/RETAINED                                                   |  |  |  |  |  |  |
| WO5-5                 | 48X48       | 16.00           |             |                          |                      |                           |              | NARROW LANES                                     | R4-7a               | 36X48       | 12.00           | 2           | 24               |                      |                           | 42           | KEEP RIGHT (HORIZONTAL ARROW)                      | 6174000A                                                                                                                                 |                             | TEMPORARY TRAFFIC BARRIER                                                       |  |  |  |  |  |  |
| WO6-1                 | 48X48       | 16.00           |             |                          |                      |                           |              | DIVIDED HIGHWAY (SYMBOL)                         | R4-8a               | 36X48       | 12.00           |             |                  |                      |                           |              | KEEP LEFT (HORIZONTAL ARROW)                       | 6175010A                                                                                                                                 |                             | TEMPORARY TRAFFIC BARRIER                                                       |  |  |  |  |  |  |
| WO6-2                 | 48X48       | 16.00           |             |                          |                      |                           |              | DIVIDED HIGHWAY END (SYMBOL)                     | R5-1                | 30X30       | 6.25            |             |                  |                      |                           |              | DO NOT ENTER                                       | 6176000B                                                                                                                                 |                             | CONTRACTOR FURNISHED/RETAINED                                                   |  |  |  |  |  |  |
| WO6-3                 | 48X48       | 16.00           |             |                          |                      |                           |              | TWO WAY TRAFFIC (SYMBOL)                         | R5-1a               | 36X24       | 6.00            |             |                  |                      |                           |              | WRONG WAY                                          | 6177000B                                                                                                                                 |                             | TEMPORARY TRAFFIC BARRIER                                                       |  |  |  |  |  |  |
| WO7-3a                | 30X24       | 5.00            |             |                          |                      |                           |              | NEXT XX MILES (PLAQUE)                           | R6-1L               | 54X18       | 6.75            |             |                  |                      |                           |              | ONE WAY ARROW (LEFT)                               | 6208064A                                                                                                                                 |                             | TEMPORARY RAISED PAVEMENT MARKER                                                |  |  |  |  |  |  |
| WO8-1                 | 48X48       | 16.00           |             |                          |                      |                           |              | BUMP                                             | R6-1R               | 54X18       | 6.75            |             |                  |                      |                           |              | ONE WAY ARROW (RIGHT)                              | 9029400                                                                                                                                  |                             | TEMPORARY TRAFFIC SIGNALS                                                       |  |  |  |  |  |  |
| WO8-2                 | 48X48       | 16.00           |             |                          |                      |                           |              | DIP                                              | R6-2L               | 24X30       | 5.00            |             |                  |                      |                           |              | ONE WAY (LEFT)                                     | 9029401                                                                                                                                  |                             | TEMPORARY TRAFFIC SIGNALS AND LIGHTING                                          |  |  |  |  |  |  |
| WO8-3                 | 48X48       | 16.00           |             |                          |                      |                           |              | PAVEMENT ENDS                                    | R6-2R               | 24X30       | 5.00            |             |                  |                      |                           |              | ONE WAY (RIGHT)                                    |                                                                                                                                          |                             |                                                                                 |  |  |  |  |  |  |
| WO8-4                 | 48X48       | 16.00           |             |                          |                      |                           |              | SOFT SHOULDER                                    | R9-9                | 24X12       | 2.00            |             |                  |                      |                           |              | SIDEWALK CLOSED                                    |                                                                                                                                          |                             |                                                                                 |  |  |  |  |  |  |
| WO8-5                 | 48X48       | 16.00           |             |                          |                      |                           |              | SLIPPERY WHEN WET (SYMBOL)                       | R9-11L              | 24X18       | 3.00            |             |                  |                      |                           |              | SIDEWALK CLOSED AHEAD,<br>(ARROW LEFT) CROSS HERE  |                                                                                                                                          |                             |                                                                                 |  |  |  |  |  |  |
| WO8-6                 | 48X48       | 16.00           |             |                          |                      |                           |              | TRUCK CROSSING                                   | R9-11R              | 24X18       | 3.00            |             |                  |                      |                           |              | SIDEWALK CLOSED AHEAD,<br>(ARROW RIGHT) CROSS HERE |                                                                                                                                          |                             |                                                                                 |  |  |  |  |  |  |
| WO8-6c                | 48X48       | 16.00           |             |                          |                      |                           |              | TRUCK ENTRANCE                                   | R10-6               | 24X36       | 6.00            |             |                  |                      |                           |              | STOP HERE ON RED (45^ ARROW)                       |                                                                                                                                          |                             |                                                                                 |  |  |  |  |  |  |
| WO8-7                 | 36X36       | 9.00            |             |                          |                      |                           |              | LOOSE GRAVEL                                     | R11-2               | 48X30       | 10.00           |             |                  |                      |                           |              | ROAD CLOSED                                        |                                                                                                                                          |                             |                                                                                 |  |  |  |  |  |  |
| WO8-7a                | 36X36       | 9.00            |             |                          |                      |                           |              | FRESH OIL / LOOSE GRAVEL                         | R11-3a              | 60X30       | 12.50           |             |                  |                      |                           |              | ROAD CLOSED XX MILES AHEAD<br>LOCAL TRAFFIC ONLY   |                                                                                                                                          |                             |                                                                                 |  |  |  |  |  |  |
| WO8-9                 | 48X48       | 16.00           |             |                          |                      |                           |              | LOW SHOULDER                                     | R11-4               | 60X30       | 12.50           |             |                  |                      |                           |              | ROAD CLOSED TO THRU TRAFFIC                        |                                                                                                                                          |                             |                                                                                 |  |  |  |  |  |  |
| WO8-11                | 48X48       | 16.00           |             |                          |                      |                           |              | UNEVEN LANES                                     | CONST-3A            | 60X48       | 20.00           |             |                  |                      |                           |              | FINE SIGN                                          |                                                                                                                                          |                             |                                                                                 |  |  |  |  |  |  |
| WO8-12                | 48X48       | 16.00           |             |                          |                      |                           |              | NO CENTER LINE                                   | CONST-3X            | 56X12       | 4.67            |             |                  |                      |                           |              | SPEEDING/PASSING (PLATE)                           |                                                                                                                                          |                             |                                                                                 |  |  |  |  |  |  |
| WO8-15                | 48X48       | 16.00           |             |                          |                      |                           |              | GROOVED PAVEMENT                                 | MISCELLANEOUS SIGNS |             |                 |             |                  |                      |                           |              |                                                    |                                                                                                                                          |                             |                                                                                 |  |  |  |  |  |  |
| WO8-15P               | 30X24       | 5.00            |             |                          |                      |                           |              | MOTORCYCLE (PLAQUE)                              | CONST-5             | 48X36       | 12.00           |             |                  |                      |                           |              | POINT OF PRESENCE                                  | **PLANS FOR THE WORK ZONE TRAFFIC SIGNAL SYSTEM<br>SHALL BE FURNISHED BY THE CONTRACTOR FOR<br>APPROVAL BY THE ENGINEER (NO DIRECT PAY). |                             |                                                                                 |  |  |  |  |  |  |
| WO8-17L               | 48X48       | 16.00           |             |                          |                      |                           |              | SHOULDER DROP-OFF (SYMBOL LEFT)                  | CONST-5             | 96X48       | 32.00           | 2           | 64               |                      |                           | 61           | POINT OF PRESENCE                                  |                                                                                                                                          |                             |                                                                                 |  |  |  |  |  |  |
| WO8-17R               | 48X48       | 16.00           |             |                          |                      |                           |              | SHOULDER DROP-OFF (SYMBOL RIGHT)                 | CONST-7             | 48X24       | 8.00            |             |                  |                      |                           | 56           | RATE OUR WORK ZONE                                 |                                                                                                                                          |                             |                                                                                 |  |  |  |  |  |  |
| WO8-17P               | 30X24       | 5.00            |             |                          |                      |                           |              | SHOULDER DROP-OFF (PLAQUE)                       | CONST-7             | 72X36       | 18.00           | 2           | 36               |                      |                           | 59           | RATE OUR WORK ZONE                                 |                                                                                                                                          |                             |                                                                                 |  |  |  |  |  |  |
| W10-1                 | 42RND.      | 9.62            |             |                          |                      |                           |              | RAILROAD CROSSING                                | CONST-8             | 48X36       | 12.00           | 2           | 24               |                      |                           |              | WORK ZONE NO PHONE ZONE                            |                                                                                                                                          |                             |                                                                                 |  |  |  |  |  |  |
| WO12-1                | 24X24       | 4.00            |             |                          |                      |                           |              | DOUBLE DOWN ARROW (SYMBOL)                       |                     |             |                 |             |                  |                      |                           |              |                                                    |                                                                                                                                          |                             |                                                                                 |  |  |  |  |  |  |
| WO12-2                | 48X48       | 16.00           |             |                          |                      |                           |              | LOW CLEARANCE (SYMBOL)                           |                     |             |                 |             |                  |                      |                           |              |                                                    |                                                                                                                                          |                             |                                                                                 |  |  |  |  |  |  |
| WO12-2x               | 24X18       | 3.00            |             |                          |                      |                           |              | LOW CLEARANCE (PLAQUE)                           |                     |             |                 |             |                  |                      |                           |              |                                                    |                                                                                                                                          |                             |                                                                                 |  |  |  |  |  |  |
| WO12-2a               | 84X24       | 14.00           |             |                          |                      |                           |              | OVERHEAD LOW CLEARANCE (FEET AND INCHES)         |                     |             |                 |             |                  |                      |                           |              |                                                    |                                                                                                                                          |                             |                                                                                 |  |  |  |  |  |  |
| WO12-4                | 120X60      | 50.00           |             |                          |                      |                           |              | LOW CLEARANCE XX FT XX IN XX MILES AHEAD         |                     |             |                 |             |                  |                      |                           |              |                                                    |                                                                                                                                          |                             |                                                                                 |  |  |  |  |  |  |
| WO12-5                | 120X60      | 50.00           |             |                          |                      |                           |              | WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD     |                     |             |                 |             |                  |                      |                           |              |                                                    |                                                                                                                                          |                             |                                                                                 |  |  |  |  |  |  |
| WO13-1                | 30X30       | 6.25            |             |                          |                      |                           |              | ADVISORY SPEED (PLAQUE)                          |                     |             |                 |             |                  |                      |                           |              |                                                    |                                                                                                                                          |                             |                                                                                 |  |  |  |  |  |  |
| WO16-2                | 30X24       | 5.00            |             |                          |                      |                           |              | XXX FEET (PLAQUE)                                |                     |             |                 |             |                  |                      |                           |              |                                                    |                                                                                                                                          |                             |                                                                                 |  |  |  |  |  |  |
| WO16-3                | 30X24       | 5.00            |             |                          |                      |                           |              | X MILE (PLAQUE)                                  |                     |             |                 |             |                  |                      |                           |              |                                                    |                                                                                                                                          |                             |                                                                                 |  |  |  |  |  |  |
| WO20-1                | 48X48       | 16.00           | 4           | 64                       |                      |                           | 2            | ROAD/BRIDGE/RAMP WORK AHEAD                      |                     |             |                 |             |                  |                      |                           |              |                                                    |                                                                                                                                          |                             |                                                                                 |  |  |  |  |  |  |
| WO20-2                | 48X48       | 16.00           |             |                          |                      |                           |              | DETOUR AHEAD                                     |                     |             |                 |             |                  |                      |                           |              |                                                    |                                                                                                                                          |                             |                                                                                 |  |  |  |  |  |  |
| WO20-3                | 48X48       | 16.00           |             |                          |                      |                           |              | ROAD CLOSED AHEAD                                | 616-10.05           | TOTAL       |                 |             |                  |                      |                           |              |                                                    |                                                                                                                                          |                             |                                                                                 |  |  |  |  |  |  |
| WO20-4                | 48X48       | 16.00           | 2           | 32                       |                      |                           | 7            | ONE LANE ROAD AHEAD                              | CONSTRUCTION SIGNS  | 792         |                 |             |                  |                      |                           |              |                                                    |                                                                                                                                          |                             |                                                                                 |  |  |  |  |  |  |
| WO20-5                | 48X48       | 16.00           | 6           | 96                       |                      |                           | 5            | RIGHT/CENTER/LEFT LANE CLOSED AHEAD              | 616-10.10           |             |                 |             |                  |                      |                           |              |                                                    |                                                                                                                                          |                             | TOTAL                                                                           |  |  |  |  |  |  |
| WO20-5a               | 48X48       | 16.00           |             |                          |                      |                           |              | 2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD           | RELOCATED SIGNS     |             |                 |             |                  |                      |                           |              |                                                    |                                                                                                                                          |                             | 0                                                                               |  |  |  |  |  |  |
| WO20-6a               | 48X48       | 16.00           | 6           | 96                       |                      |                           | 6            | RIGHT/CENTER/LEFT LANE CLOSED                    |                     |             |                 |             |                  |                      |                           |              |                                                    |                                                                                                                                          |                             |                                                                                 |  |  |  |  |  |  |
| WO20-7a               | 48X48       | 16.00           | 2           | 32                       |                      |                           | 8            | FLAGGER (SYMBOL)                                 |                     |             |                 |             |                  |                      |                           |              |                                                    |                                                                                                                                          |                             |                                                                                 |  |  |  |  |  |  |
| WO21-2                | 36X36       | 9.00            |             |                          |                      |                           |              | FRESH OIL                                        |                     |             |                 |             |                  |                      |                           |              |                                                    |                                                                                                                                          |                             |                                                                                 |  |  |  |  |  |  |
| WO21-5                | 48X48       | 16.00           | 2           | 32                       |                      |                           | 21           | SHOULDER WORK / SHOULDER WORK AHEAD              |                     |             |                 |             |                  |                      |                           |              |                                                    |                                                                                                                                          |                             |                                                                                 |  |  |  |  |  |  |
| WO22-1                | 48X48       | 16.00           |             |                          |                      |                           |              | BLASTING ZONE AHEAD                              |                     |             |                 |             |                  |                      |                           |              |                                                    |                                                                                                                                          |                             |                                                                                 |  |  |  |  |  |  |
| WO22-2                | 42X36       | 10.50           |             |                          |                      |                           |              | TURN OFF 2-WAY RADIO AND PHONE                   |                     |             |                 |             |                  |                      |                           |              |                                                    |                                                                                                                                          |                             |                                                                                 |  |  |  |  |  |  |
| WO22-3                | 42X36       | 10.50           |             |                          |                      |                           |              | END BLASTING ZONE                                |                     |             |                 |             |                  |                      |                           |              |                                                    |                                                                                                                                          |                             |                                                                                 |  |  |  |  |  |  |
| GO22-1                | 21X15       | 2.19            |             |                          |                      |                           |              | WET PAINT (ARROW PIVOTS)                         |                     |             |                 |             |                  |                      |                           |              |                                                    |                                                                                                                                          |                             |                                                                                 |  |  |  |  |  |  |

SUMMARY OF QUANTITIES  
SHEET 2 OF 2



ALL PROJECT COORDINATES HAVE BEEN PROJECTED FROM THE MISSOURI STATE PLANE COORDINATE (SPC) SYSTEM OF 1983 USING AN AVERAGE PROJECT PROJECTION (GRID TO GROUND) FACTOR. TO GET BACK TO STATE PLANE COORDINATES MULTIPLY THE PROJECT COORDINATES BY THE AVERAGE GRID FACTOR AS SHOWN IN THE "REFERENCE CONTROL INFORMATION" PORTION OF THIS TABLE.

PROJECT COORDINATE INFORMATION

|                           |                      |
|---------------------------|----------------------|
| COORDINATE SYSTEM         | MODIFIED STATE PLANE |
| HORIZONTAL DATUM          | NAD83                |
| VERTICAL DATUM            | NAVD88               |
| GEOID MODEL               | GEOID 18             |
| ELEVATIONS DETERMINED BY  | GPS                  |
| PROJECT PROJECTION FACTOR | 1.00005883           |

REFERENCE CONTROL INFORMATION

|                             |                         |
|-----------------------------|-------------------------|
| COORDINATE SYSTEM           | MISSOURI STATE PLANE    |
| CONTROL STATION             | MODOT GNSS              |
| DESIGNATION                 | MODOT CARTHAGE CORS ARP |
| CORS_ID                     | MOCA                    |
| PID                         | DL6014                  |
| LATITUDE                    | 37°01'39.17"            |
| LONGITUDE                   | 94°21'27.24"            |
| NORTHING (M)                | 112181.7290             |
| EASTING (M)                 | 862647.8740             |
| ZONE                        | 2403 (MO-WEST)          |
| PROJECT AVERAGE GRID FACTOR | 0.99990061              |

EXAMPLE OF PROJECT COORDINATE TO S.P.C.

PROJECT NORTHING X AVERAGE GRID FACTOR  
= STATE PLANE NORTHING  
PROJECT EASTING X AVERAGE GRID FACTOR  
= STATE PLANE EASTING

EXAMPLE: CONTROL POINT #1  
N 350007.2800' X 0.99990061 = N 349972.4928'  
E 2785337.4170' X 0.99990061 = E 2785060.5823'

LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

| COORDINATE POINT LISTING |           |          |                  |                               |                           |                             |             |                 |
|--------------------------|-----------|----------|------------------|-------------------------------|---------------------------|-----------------------------|-------------|-----------------|
| SHEET NO                 | STATION   | LOCATION | OFFSET<br>(USFT) | MODIFIED STATE PLANE (GROUND) |                           |                             | DESCRIPTION | GPK<br>POINT ID |
|                          |           |          |                  | NORTHING<br>(US SURVEY FT)    | EASTING<br>(US SURVEY FT) | ELEVATION<br>(US SURVEY FT) |             |                 |
| PROJECT CONTROL POINTS   |           |          |                  |                               |                           |                             |             |                 |
| 4                        | 912+29.46 | MO 43    | 51.23' RT        | 350,007.28                    | 2,785,337.42              | 981.06                      | SWT1E       | SUN17           |
| 4                        | 911+11.37 | MO 43    | 58.92' LT        | 350,120.67                    | 2,785,452.40              | 981.52                      | NET1E       | SUN18           |
| 4                        | 912+28.49 | MO 43    | 62.64' LT        | 350,003.49                    | 2,785,451.22              | 982.70                      | SET1E       | SUN19           |
| 4                        | 911+23.66 | MO 43    | 58.18' RT        | 350,113.28                    | 2,785,334.89              | 980.10                      | NWT1E       | SUN20           |
| ALIGNMENTS               |           |          |                  |                               |                           |                             |             |                 |
|                          | 901+83.00 | MO 43    | ℄                | 351,050.68                    | 2,785,432.32              |                             | BEGIN MO 43 |                 |
| 4                        | 911+43.07 | MO 43    | ℄                | 3,500,091.45                  | 2,785,392.21              |                             | HPI         |                 |
|                          | 914+44.77 | MO 43    | ℄                | 349,790.01                    | 2,785,379.60              |                             | END MO 43   |                 |

STATE OF MISSOURI

CRAIG ALAN SWITZER

NUMBER

PE-2003015045

PROFESSIONAL ENGINEER

Craig Switzer

CRAIG ALAN SWITZER - CIVIL

MO-PE-2003015045

DATE PREPARED

2/27/2024

ROUTE

43

STATE

MO

DISTRICT

SW

SHEET NO.

5

COUNTY

JASPER

JOB NO.

JSR0048

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

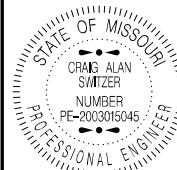
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

GENERAL NOTES:

1. ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
2. TEMPORARY SIGNING SHOWN IS FOR WORK ON ONE SIDE OF THE ROAD. FOR WORK ON THE OTHER SIDE, REVERSE ORDER OF THE SIGNS AND CHANNELIZERS.
3. SIGNING SHOWN SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE.
4. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL OF THE ENGINEER.
5. REFER TO STANDARD DRAWING 616.10, 619.10, AND 620.10 FOR ADDITIONAL DETAILS AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.
6. SPEED LIMIT SIGNS INDICATING THE NORMAL SPEED LIMIT SHALL BE INSTALLED AT THE END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.
7. TEMPORARY SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED WHEN THE CONDITIONS REQUIRING REDUCED SPEEDS DO NOT EXIST.
8. NO DIRECT PAYMENT WILL BE MADE FOR THE RELOCATION OF CHANNELIZERS, CONSTRUCTION SIGNS, OR FLASHING ARROW PANEL.
9. ALL SIGNS, EXCEPT "RATE OUR WORK ZONES" SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING PROPER TRAFFIC CONTROL SETUPS THROUGHOUT CONSTRUCTION AS DESCRIBED IN THESE PLANS OR AS APPROVED BY THE ENGINEER.
11. WHERE MINIMUM LANE WIDTHS CANNOT BE ACHIEVED ON THE SIDE STREETS, THE CONTRACTOR SHALL CLOSE HALF OF THE APPROACH AND POSITION A FLAGGER AT EACH END OF THE WORK AREA. LOCATION TO BE DETERMINED BY THE ENGINEER. ADVANCE FLAGGER SIGNING SHALL BE INSTALLED AS OUTLINED IN THE MUTCD.
12. THE CONTRACTOR SHALL MAINTAIN PUBLIC ACCESS TO ALL BUSINESSES AND STREETS. NO STREET OR ENTRANCE SHALL BE COMPLETELY BLOCKED.
13. SPACING & DISTANCES OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD & APPROVED BY THE ENGINEER.
14. TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
15. ADJUST ADVANCE WARNING SIGN SPACING TO AVOID SIGN PLACEMENT WITHIN THE LIMITS OF THE RAILROAD RIGHT OF WAY.

REVISED: 4/18/2023



Craig Alan Switzer  
CRAIG ALAN SWITZER - CIVIL  
MO-PE-2003015045

DATE PREPARED  
2/27/2024

ROUTE 43 STATE MO

DISTRICT SW SHEET NO. 6

COUNTY JASPER

JOB NO. JSR0048

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL JEFFERSON CITY, MO 65102

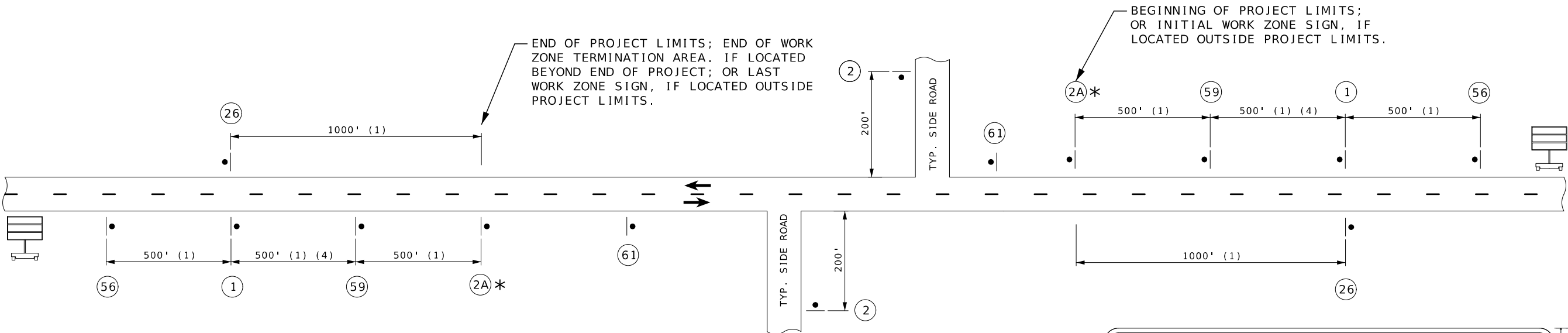
1-888-ASK-MODOT (1-888-275-6636)

MODOT

COMMISSION

NOT TO SCALE

TRAFFIC CONTROL SHEET 1 OF 7



(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

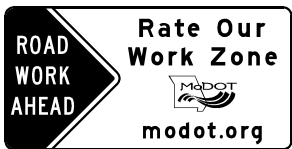
(2) SIGN CONST-7-72 IS PLACED 500 FEET BEFORE THE BEGINNING OF PROJECT LIMITS OR THE ROAD WORK AHEAD SIGN OR ROAD WORK NEXT XX MILES SIGN. IF USED, WHEN THESE SIGNS ARE LOCATED OUTSIDE THE PROJECT LIMITS.

(3) CONST-5-96 SIGN IS PLACED IN A VISIBLE AREA WITHIN THE PROJECT LIMITS PROVIDED ITS PLACEMENT DOES NOT DISRUPT A SEQUENCE OF SIGNS. IF A VISIBLE LOCATION WITHIN THE PROJECT IS NOT AVAILABLE, THE SIGN MAY BE PLACED 500 FEET BEFORE SIGN CONST-7-72.

(4) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.

(5) CMS PLACEMENT SHALL BE APPROVED BY THE ENGINEER.

## TYPICAL BEGINNING AND END OF PROJECT (UNDIVIDED HIGHWAY)



CONST - 7 - 72

(56) (2)



WO20 - 1



(2A) \*



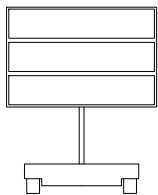
GO20 - 2

(26)

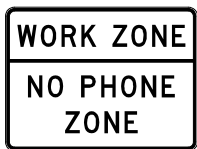


WO20 - 1

(2)

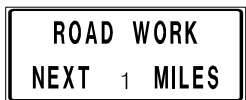


(5)



CONST - 8

(59) (4)



GO20 - 1

(1)

\*SIGN 2A WITH AWRS MUST BE GROUND OR SKID MOUNTED.



CONST-5-96 SH&FLAT SHEET:

3,000" Radius, 1,000" Border, White on Blue:

"Signal", D; "Improvements", D; "Fall 2024", D;

Table of letter and object letter

| S     | I      | I      | m      | p      | o      | v      | e      | m      | e      | n      | t      | s |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|
| 9.875 | 17.500 | 20.875 | 27.875 | 34.375 | 41.500 | 47.625 | 54.250 | 63.750 | 70.375 | 76.750 | 81.625 |   |
| 9.875 | 14.000 | 24.000 | 30.825 | 35.000 | 41.000 | 47.625 | 54.250 | 63.750 | 70.375 | 76.750 | 81.625 |   |
| 9.875 | 42.750 | 47.000 | 52.375 | 55.250 | 62.125 | 67.375 | 72.625 | 77.875 |        |        |        |   |

Completed as Promised

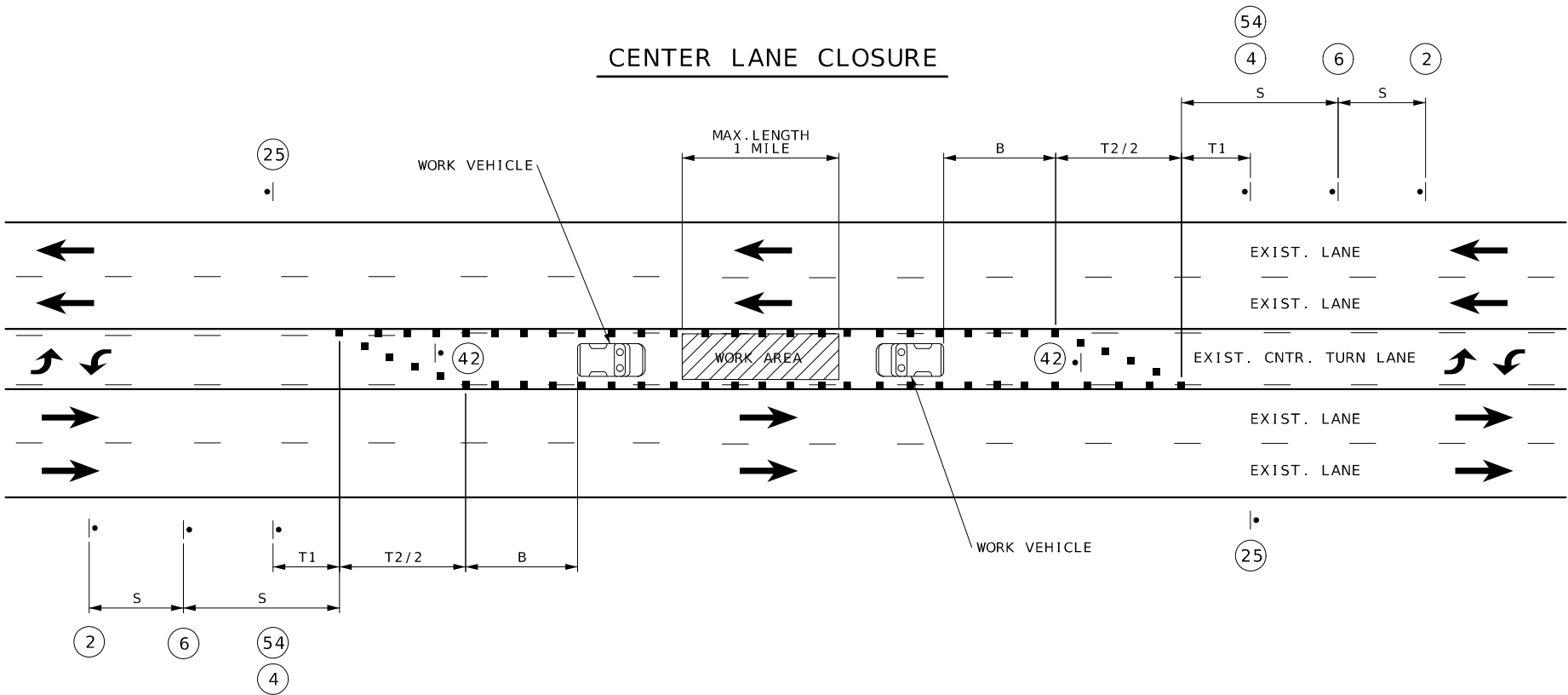
CONST-6P-60 SH&FLAT SHEET FLUORESCENT:  
1,500" Radius, No border, Yellow:  
"Completed as Promised" Black, D 65% spacing:  
Table of letter and object letter

| C     | P     | P     | a      | s      | e      | d      | a      | s      | P      | r      | o      | m      | i      | s      | e      | d      | a      | s      |
|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1.500 | 4.875 | 7.875 | 12.375 | 15.375 | 16.625 | 19.375 | 21.500 | 24.250 | 28.000 | 31.875 | 36.625 | 39.875 | 41.875 | 44.875 | 49.500 | 50.750 | 53.500 | 56.250 |

NOT TO SCALE

TRAFFIC CONTROL SHEET 1 OF 7





| SPEED | SIGN SPACING<br>(FT) | TAPER LENGTH<br>(FT) |                  | OPTIONAL | CHANNELIZER<br>SPACING (FT) |                       |
|-------|----------------------|----------------------|------------------|----------|-----------------------------|-----------------------|
|       |                      | SHOULDER (1)<br>(T1) | LANE (2)<br>(T2) |          | TAPERS                      | BUFFER/<br>WORK AREAS |
| 0-35  | 200                  | 70                   | 245              | 280      | 35                          | 40                    |
| 40-45 | 350                  | 150                  | 540              | 400      | 40                          | 80                    |
| 50-55 | 500                  | 185                  | 660              | 560      | 50                          | 80                    |
| 60-70 | 1000                 | 235                  | 840              | 840      | 60                          | 120                   |

NOTES:

(1) SHOULDER TAPER LENGTH BASED ON 10 FT. (STANDARD SHOULDER WIDTH) OFFSET.  
(2) LANE TAPER LENGTH BASED ON 12 FT. (STANDARD LANE WIDTH) OFFSET.

SEE BEGIN/END OF PROJECT SIGNING SHEET FOR ADDITIONAL SIGNS.

IN TAPER SECTIONS, QUANTITY OF CHANNELIZERS IS DOUBLED WHEN COMPARED TO MAXIMUM CHANNELIZER SPACING IN CHART.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURE, NO DIRECT PAY.

NO DIRECT PAYMENT WILL BE MADE FOR RELOCATION OF CHANNELIZERS, SIGNS, AND FLASHING ARROW PANEL.

FOR SHORT TERM OPERATIONS WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, DEVICE SPACING IS ONE-HALF SPACING SHOWN IN TABLE.

SPEED LIMIT SIGNS INDICATING NORMAL SPEED LIMIT SHALL BE INSTALLED AT END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.

ALL SIGNS, EXCEPT "RATE OUR WORK ZONE", "NO PHONE ZONE", AND "POINT OF PRESENCE", SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS. SEE JOB SPECIAL PROVISIONS.

WORK WILL REQUIRE LANE CLOSURES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

SEE STANDARD DRAWING 616.10 FOR ADDITIONAL DETAILS.



NOT TO SCALE

STATE OF MISSOURI

CRAIG ALAN SWITZER

NUMBER

PE-2003015045

PROFESSIONAL ENGINEER

DATE PREPARED

4/4/2024

ROUTE

43

DISTRICT

SW

STATE

MO

SHEET NO.

8

COUNTY

JASPER

JOB NO.

JSR0048

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

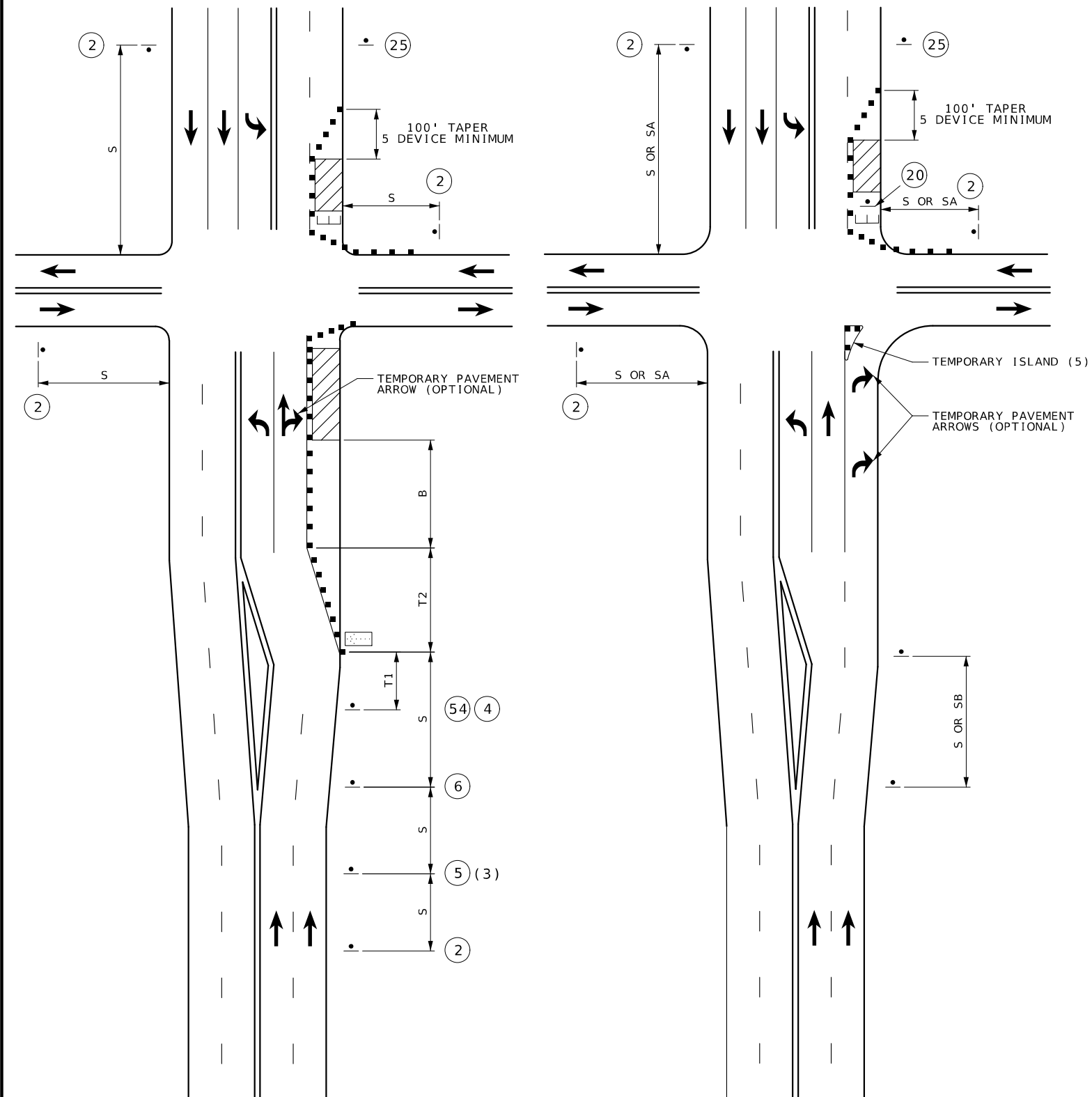
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

BRIDGE NO.

NOTES :

- (4) FLASHING ARROW BOARD SHOULD BE LOCATED AT THE BEGINNING OF THE MERGING TAPER WHEN MEDIAN WIDTH ALLOWS THIS PLACEMENT.

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION



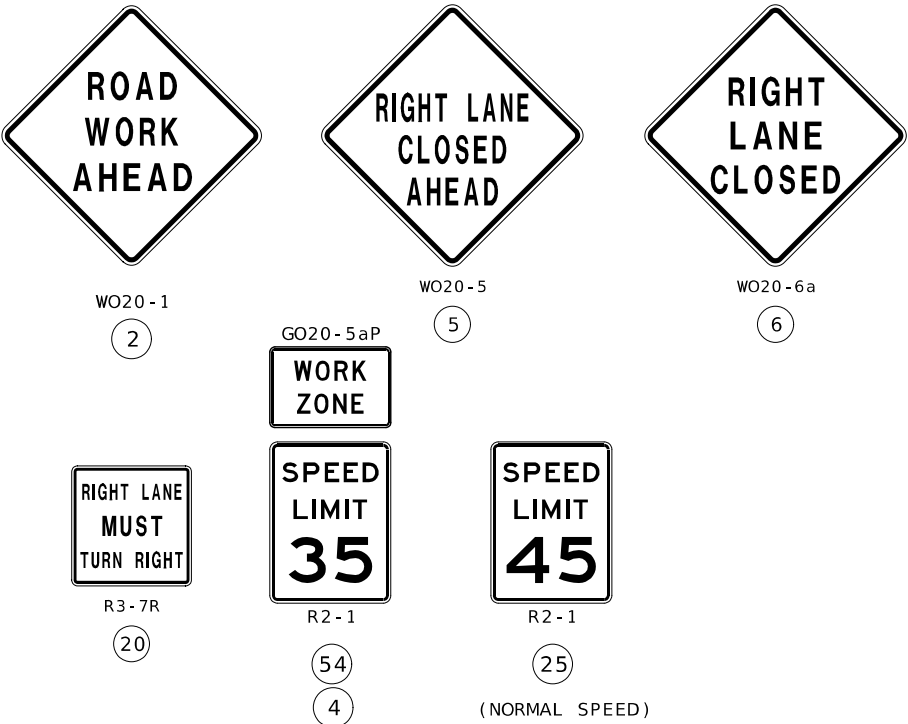
WORK ON NEAR OR FAR SIDE

WORK ON FAR SIDE ONLY (4)

RIGHT LANE CLOSURE AT INTERSECTION

| SPEED                  | SIGN SPACING (FT)      |                                     | TAPER LENGTH (FT) |               | OPTIONAL               | CHANNELIZER SPACING ( FT) |                     |
|------------------------|------------------------|-------------------------------------|-------------------|---------------|------------------------|---------------------------|---------------------|
| PERMANENT POSTED (MPH) | UNDIVIDED HIGHWAYS (S) | DIVIDED HIGHWAYS (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<br>SB - 1500<br>SC - 2640 | 235               | 840           | 840                    | 60                        | 120                 |

- NOTES:
- (1) SHOULDER TAPER LENGTH BASED ON 10 FT. (STANDARD SHOULDER WIDTH) OFFSET.  
(2) LANE TAPER LENGTH BASED ON 12 FT. (STANDARD LANE WIDTH) OFFSET.
- FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.
- REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.
- PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.
- TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
- FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FEET DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACINGS ARE ONE-HALF OF THE SPACING.
- (3) RIGHT LANE CLOSED AHEAD SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.
- (4) TYPICAL APPLICATION ONLY APPLIES WHERE A SIGNIFICANT PERCENTAGE OF THE APPROACH TRAFFIC TURNS RIGHT.
- (5) TEMPORARY ISLAND MAY BE USED TO EMPHASIZE THE MANDATORY RIGHT TURN MOVEMENT WHERE THERE IS A SUFFICIENT RIGHT TURN RADIUS.



NOT TO SCALE

STATE OF MISSOURI

CRAIG ALAN SWITZER

NUMBER

PE-2003015045

PROFESSIONAL ENGINEER

DATE PREPARED

2/27/2024

ROUTE

43

DISTRICT

SW

STATE

MO

SHEET NO.

10

COUNTY

JASPER

JOB NO.

JSR0048

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

| SPEED                        | SIGN SPACING<br>(FT)         | TAPER LENGTH<br>(FT) |                  | OPTIONAL                     | CHANNELIZER<br>SPACING (FT) |                       |
|------------------------------|------------------------------|----------------------|------------------|------------------------------|-----------------------------|-----------------------|
| PERMANENT<br>POSTED<br>(MPH) | UNDIVIDED<br>HIGHWAYS<br>(S) | SHOULDER (1)<br>(T1) | LANE (2)<br>(T2) | BUFFER<br>LENGTH (FT)<br>(B) | TAPERS                      | BUFFER/<br>WORK AREAS |
| 0-35                         | 200                          | 70                   | 245              | 280                          | 35                          | 40                    |
| 40-45                        | 350                          | 150                  | 540              | 400                          | 40                          | 80                    |
| 50-55                        | 500                          | 185                  | 660              | 560                          | 50                          | 80                    |
| 60-70                        | 1000                         | 235                  | 840              | 840                          | 60                          | 120                   |

NOTES:

- (1) SHOULDER TAPER LENGTH BASED ON 10 FT. (STANDARD SHOULDER WIDTH) OFFSET.  
(2) LANE TAPER LENGTH BASED ON 12 FT. (STANDARD LANE WIDTH) OFFSET.  
(3) NEXT XX MILES SIGN NOT REQUIRED FOR NARROW LANE SECTIONS LESS THAN ONE MILE.



WO20-1  
(2)



WO21-5  
(21)



WO5-1  
NEXT  
1 MILES  
(3)  
WO7-3a  
(43) \*

BRIDGE  
OR  
RAMP

GO20-5aP

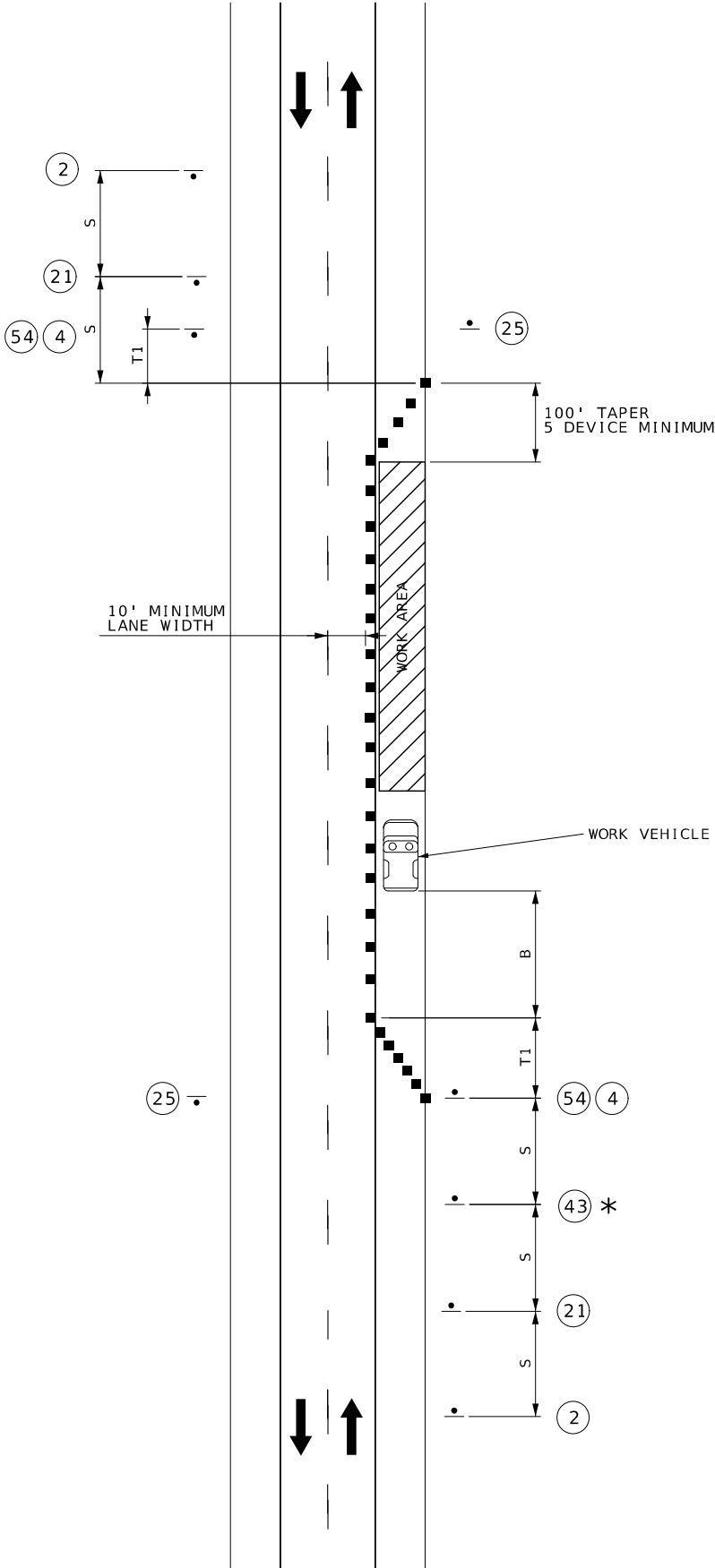


R2-1  
(54)  
(4)

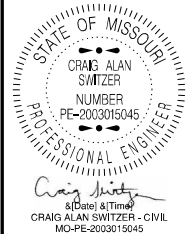


R2-1  
(25)  
(NORMAL SPEED)

SHOULDER WORK WITH MINOR TRAVELWAY ENCROACHMENT  
OR NO ENCROACHMENT  
(UNDIVIDED HIGHWAY)



REVISED: 1/9/2024



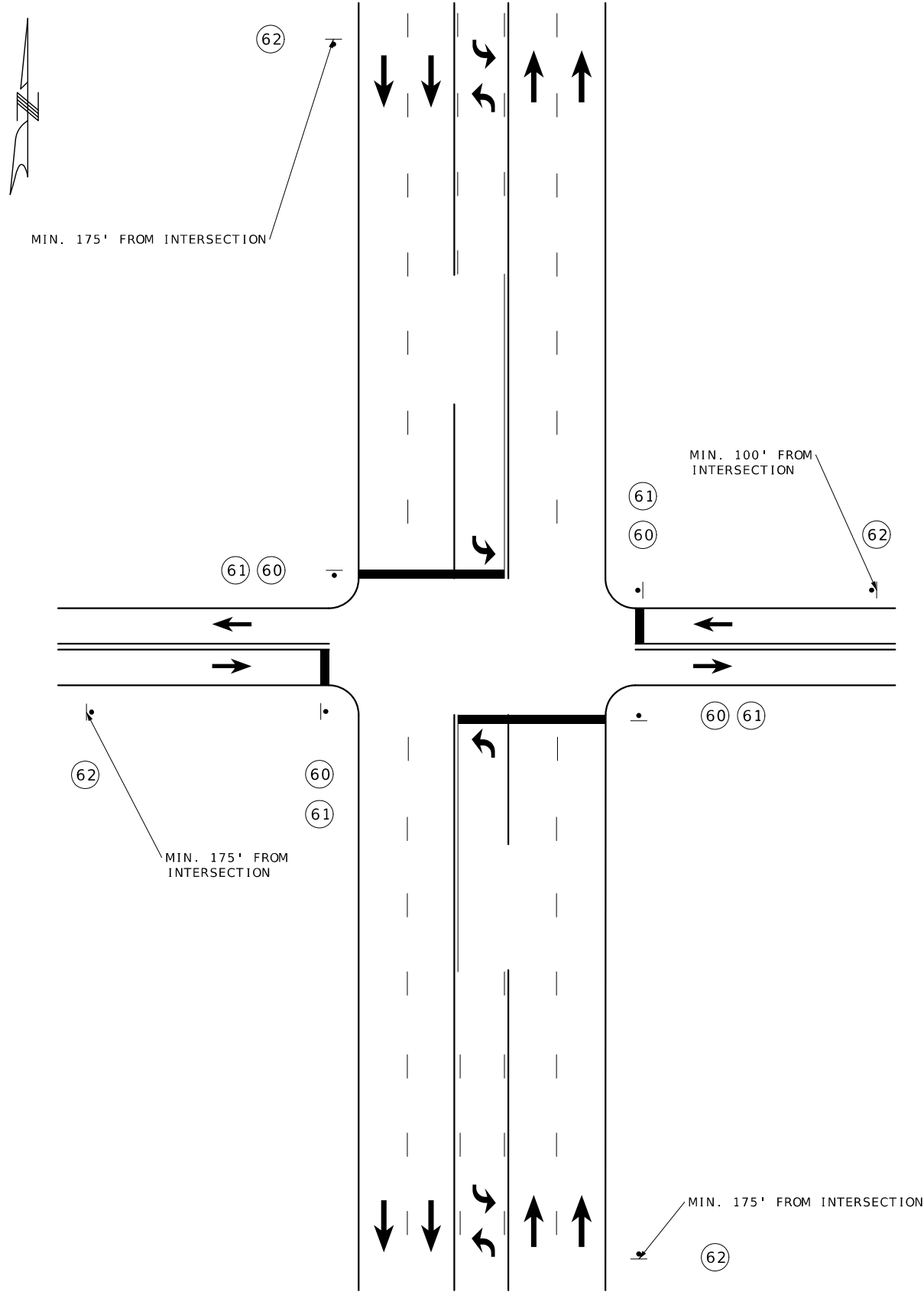
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|---------------------------|-----------------|
| DATE PREPARED<br>4/4/2024 |                 |
| ROUTE<br>43               | STATE<br>MO     |
| DISTRICT<br>SW            | SHEET NO.<br>11 |
| COUNTY<br>JASPER          |                 |
| JOB NO.<br>JSR0048        |                 |
| 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)

NOT TO SCALE



NOTES:

REFERENCE OTHER TRAFFIC CONTROL SHEETS FOR ADVANCE WORK ZONE SIGNING AND UTILIZE THE APPROPRIATE SET FOR TYPE OF WORK BEING DONE.

ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.

SPACING & DISTANCES OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD & APPROVED BY THE ENGINEER.

TRAFFIC CONTROL LEGEND

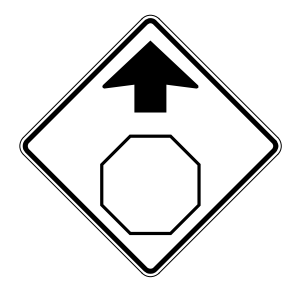
- SIGN (SINGLE SIDED)
- ▬ SIGN (DOUBLE SIDED)
- ◁ FLAGGER
- ▲ CONE
- CHANNELIZER
- E BARRICADE
- ▮ CHANGEABLE MESSAGE BOARD



R1-1  
60



R1-3P  
61

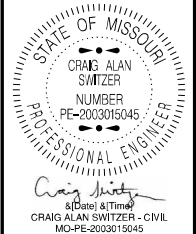


W03-1  
62

NOT TO SCALE

4-WAY STOP AT INTERSECTION

TRAFFIC CONTROL  
SHEET 7 OF 7

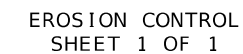


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| DATE PREPARED<br>2/27/2024 |                 |
| ROUTE<br>43                | STATE<br>MO     |
| DISTRICT<br>SW             | SHEET NO.<br>12 |
| COUNTY<br>JASPER           |                 |
| JOB NO.<br>JSR0048         |                 |
| CONTRACT 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)



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



[illegible][illegible]

**REMARKS**

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

\* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

\*\* SEE STANDARD PLANS 902.10 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES.

\*\*\* USE D3-16 FOR ONE LINE. USE D3-18 FOR TWO LINE.

SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

LEGEND

T - TOP MOUNT  
S - SIDE MOUNT  
C - SPANWIRE MOUNT  
B - MAST ARM MOUNT

SIGNAL SHEET  
SHEET 2 OF 6

D-37A

EFFECTIVE: 07-01-2018



|               |           |
|---------------|-----------|
| DATE PREPARED |           |
| 2/27/2024     |           |
| ROUTE         | STATE     |
| 43            | MO        |
| DISTRICT      | SHEET NO. |
| SW            | 15        |

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| COUNTY       | JASPER  |
| JOB NO.      | JSR0048 |
| CONTRACT ID. |         |

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| PROJECT NO. |
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BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

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

MO 43 &amp; FOUNTAIN RD

## INTERSECTION

|               |           |
|---------------|-----------|
| DATE PREPARED |           |
| 2/27/2024     |           |
| ROUTE         | STATE     |
| 43            | MO        |
| DISTRICT      | SHEET NO. |
| SW            | 16        |
| COUNTY        |           |
| JASPER        |           |
| JOB NO.       |           |
| JSR0048       |           |
| CONTRACT ID.  |           |

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| PROJECT NO. |
| BRIDGE NO.  |

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MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

105 WEST COMMERCE  
JEFFERSON CITY, MO 64501  
1-888-ASK-MODOT (1-888-273-6628)

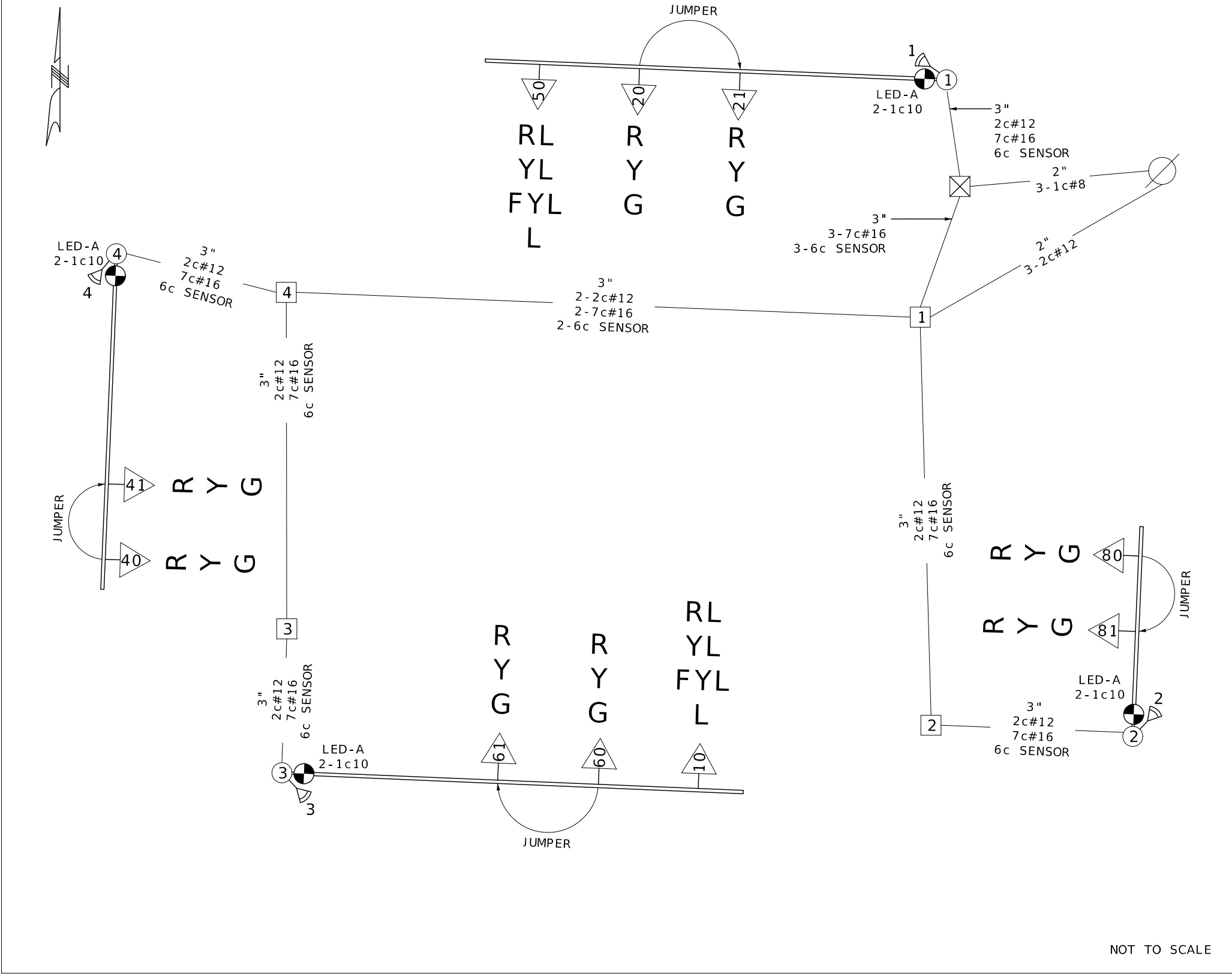
MO 43 & FOUNTAIN RD  
INTERSECTION

|                           |                 |
|---------------------------|-----------------|
| DATE PREPARED<br>4/4/2024 |                 |
| ROUTE<br>43               | STATE<br>MO     |
| DISTRICT<br>SW            | SHEET NO.<br>17 |
| COUNTY<br>JASPER          |                 |
| JOB NO.<br>JSR0048        |                 |
| CONTRACT ID.              |                 |

|             |
|-------------|
| PROJECT NO. |
| BRIDGE NO.  |

D-37C

WIRING DIAGRAM



**LEGEND**

3" CONDUIT CONTAINING CABLE WITH SIZE

CABLE

X-Xc MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)

L IC #14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)

X PULL BOX WITH NUMBER

X POST WITH NUMBER

X POST WITH MAST ARM

X POST WITH MAST ARM AND LUMINAIRE

X DETECTOR WITH NUMBER

X SIGNAL HEAD WITH NUMBER

X SIGNAL CONTROLLER

POWER SUPPLY

LIGHTING CONTROLLER

RADAR DETECTOR



CRAIG ALAN SWITZER  
CRAIG ALAN SWITZER - CIVIL  
MO-PE-2003015045

DATE PREPARED  
2/27/2024

ROUTE 43 STATE MO

DISTRICT SW SHEET NO. 18

COUNTY JASPER

JOB NO. JSR0048

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

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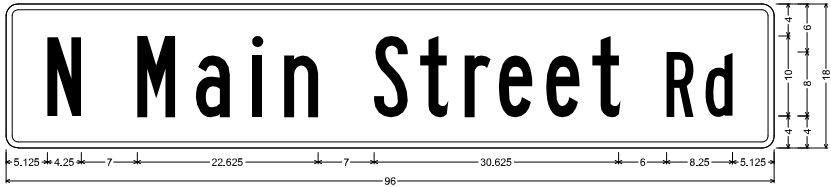
MO 43 & FOUNTAIN RD

INTERSECTION

SIGNAL SHEET  
SHEET 5 OF 6

D-37D

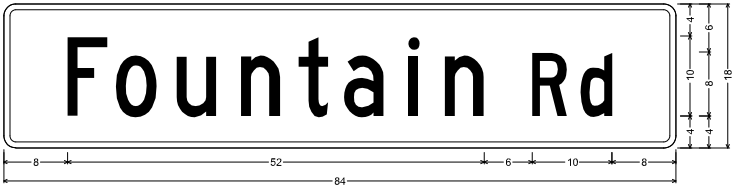




D3-1 SH-FLAT SHEET:  
1,500" Radius, 0.750" Border, White on, Green;  
"N Main Street", B; "Rd", B;  
Table of letter and object lefts

|       |        |        |        |        |        |        |        |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| N     | N      | a      | k      | n      | s      | t      | r      | e      | e      | t      | R      | d      |
| 5.125 | 16.375 | 23.750 | 30.750 | 34.750 | 46.000 | 51.750 | 57.375 | 61.625 | 67.500 | 73.250 | 82.625 | 87.500 |

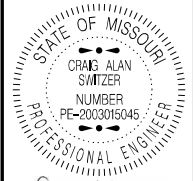
|              |             |
|--------------|-------------|
| SIGN NO.     | D3-1        |
| INTERSECTION | FOUNTAIN RD |
| MAST ARM     | 2 & 4       |



D3-1 SH-FLAT SHEET:  
1,500" Radius, 0.750" Border, White on, Green;  
"Fountain", C; "Rd", C;  
Table of letter and object lefts

|       |        |        |        |        |        |        |        |        |        |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| F     | o      | u      | n      | t      | a      | i      | n      | R      | d      |
| 8.000 | 14.000 | 21.625 | 29.625 | 36.875 | 42.500 | 50.625 | 55.125 | 66.000 | 72.125 |

|              |             |
|--------------|-------------|
| SIGN NO.     | D3-1        |
| INTERSECTION | FOUNTAIN RD |
| MAST ARM     | 1 & 3       |



Craig Switzer  
&Date&Time  
CRAIG ALAN SWITZER - CIVIL  
MO-PE-2003015045

|                            |                 |
|----------------------------|-----------------|
| DATE PREPARED<br>2/27/2024 |                 |
| ROUTE<br>43                | STATE<br>MO     |
| DISTRICT<br>SW             | SHEET NO.<br>20 |

|                    |
|--------------------|
| COUNTY<br>JASPER   |
| JOB NO.<br>JSR0048 |
| 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)

DESIGN DESIGNATION

A.A.D.T. - 2024 = 25335; 18427

A.A.D.T. - 2044 = 27993; 23143

D.H.V. = 8.94%; 9.55%

T = 7.39%; 5.98%

V = 35, 40, AND 45 M.P.H.

D = 54.4%/45.6%; 51.3%/48.7%

FUNCTIONAL CLASSIFICATION: MINOR ARTERIAL (TT);  
EXPRESSWAY (43); PRINCIPAL ARTERIAL (LP 49)

NO NEW R/W REQUIRED

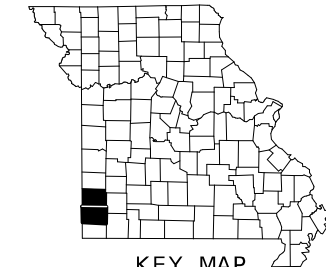
CONVENTIONAL SYMBOLS

(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  
NEWTON/JASPER COUNTY

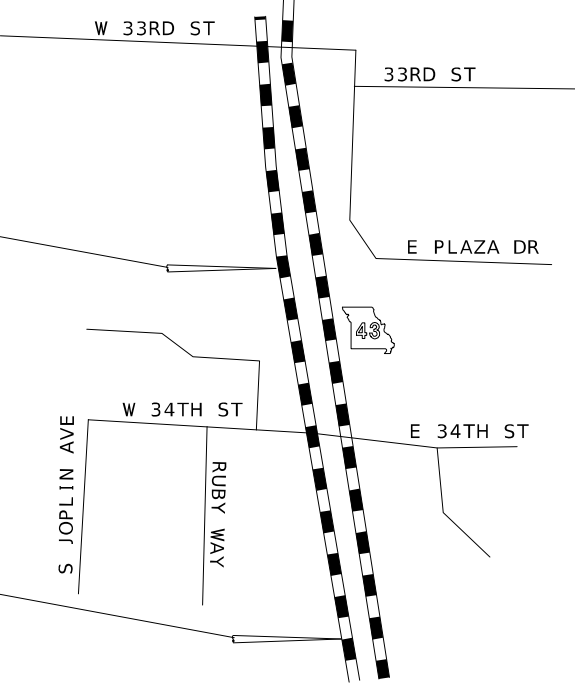


T27N R33W SEC 22 & 23

BEGIN PROJECT  
STA. 8+00.00

PROJECT LIMITS  
- JSR0092-  
S MO 43  
INTERSECTION IMPROVEMENT  
AT 34TH STREET  
PROJECT LENGTH: 0.189 MILES

END PROJECT  
STA. 18+00.00

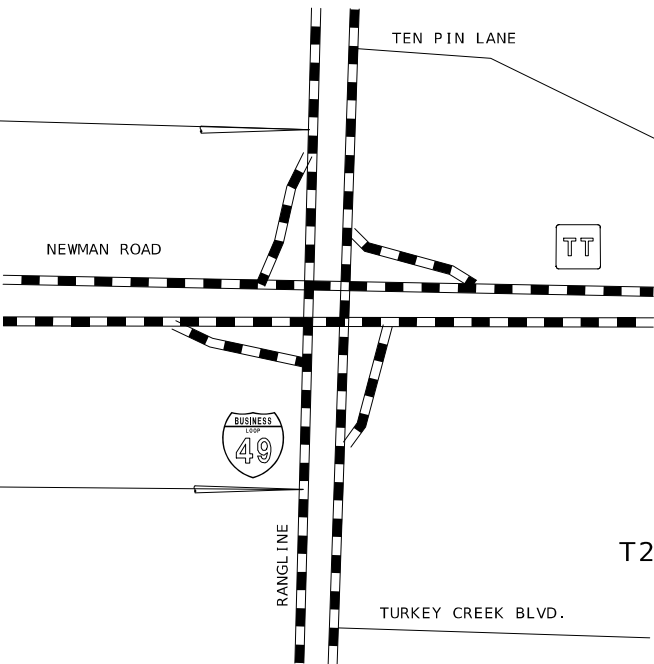


JOPLIN

BEGIN PROJECT  
STA. 51+25.50

PROJECT LIMITS  
- JSR0092-  
N LOOP 49  
SIGNAL IMPROVEMENT AT  
LP 49 AND RTE. TT  
PROJECT LENGTH: 0.049 MILES

END PROJECT  
STA. 53+82.00



T28N R32W SEC 31

NOT TO SCALE

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            |
| TYPICAL SECTIONS (TS) (3 SHEETS)--- | 2            |
| QUANTITIES (QU) (4 SHEETS)-----     | 3            |
| PLAN (PP) (4 SHEETS)-----           | 4-7          |
| COORDINATE POINTS (CP)-----         | 8-9          |
| SPECIAL SHEET (SS)-----             | 10           |
| TRAFFIC CONTROL SHEETS (TC)-----    | 11-19        |
| EROSION CONTROL (EC)                | 20           |
| LIGHTING (LT)-----                  | 21-22        |
| SIGNING (SN)-----                   | 23-28        |
| PAVEMENT MARKING (PM)-----          | 29-31        |
| CULVERT SECTIONS (CS)-----          | 32           |
| CROSS SECTIONS (XS)-----            | 1-8          |



DATE PREPARED  
4/17/2024

ROUTE  
43, TT, 49

STATE  
MO

DISTRICT  
SW

SHEET NO.  
1

COUNTY  
NEWTON/JASPER

JOB NO.  
JSR0092

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

|                      |               |
|----------------------|---------------|
| BEGINNING OF PROJECT | STA. 8+00.00  |
| END OF PROJECT       | STA. 18+00.00 |

|                           |           |
|---------------------------|-----------|
| APPARENT LENGTH           | 1000 FEET |
| EQUATIONS AND EXCEPTIONS: | NONE      |

|                      |               |
|----------------------|---------------|
| BEGINNING OF PROJECT | STA. 51+25.50 |
| END OF PROJECT       | STA. 53+82.00 |

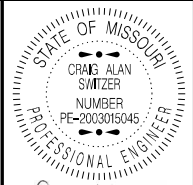
|                           |            |
|---------------------------|------------|
| APPARENT LENGTH           | 256.5 FEET |
| EQUATIONS AND EXCEPTIONS: | NONE       |

|                       |              |
|-----------------------|--------------|
| TOTAL CORRECTIONS     | 00.00 FEET   |
| NET LENGTH OF PROJECT | 1256.50 FEET |
| STATE LENGTH          | 0.238 MILES  |

|                                                   |            |
|---------------------------------------------------|------------|
| FOR INFORMATION ONLY<br>ESTIMATED DISTURBED ACRES | 0.40 ACRES |
|---------------------------------------------------|------------|







Craig Alan Switzer  
CRAIG ALAN SWITZER - CIVIL  
MO-PE-2003015045

DATE PREPARED  
4/17/2024

ROUTE STATE  
43, TT, 49 MO

DISTRICT SHEET NO.  
SW 2

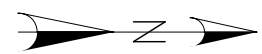
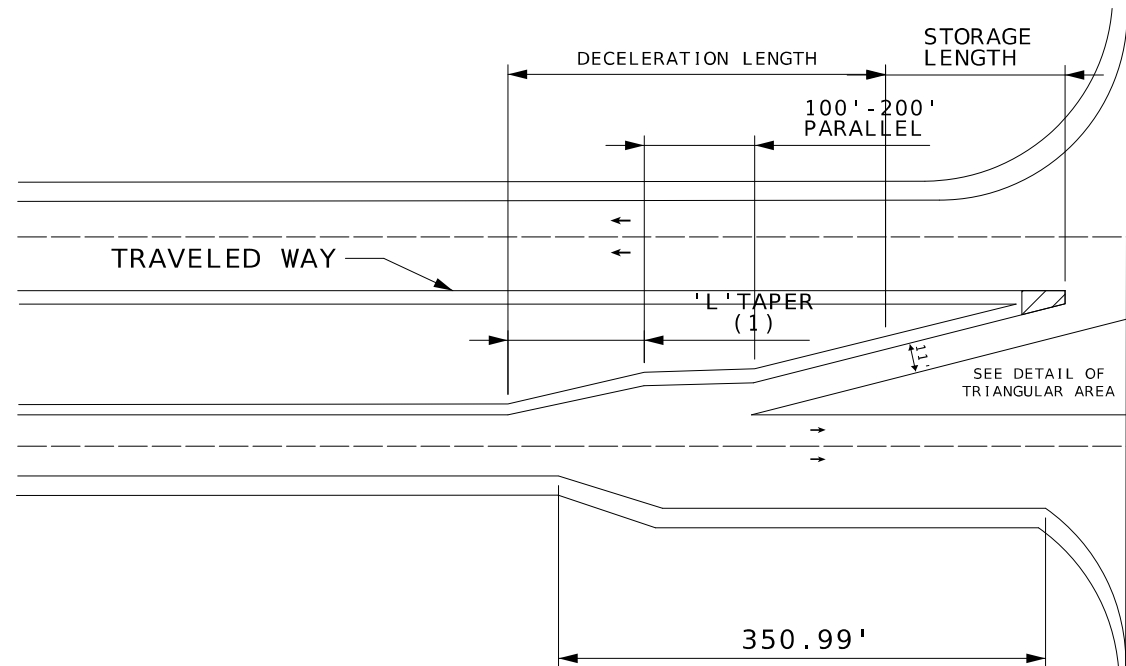
COUNTY  
NEWTON / JASPER

JOB NO.  
JSR0092

CONTRACT ID.

PROJECT NO.

BRIDGE NO.



NOT TO SCALE

 -TRUCK OFF TRACKING (FULL DEPTH PAVEMENT)

(1) "L" TAPER = 15:1=165'

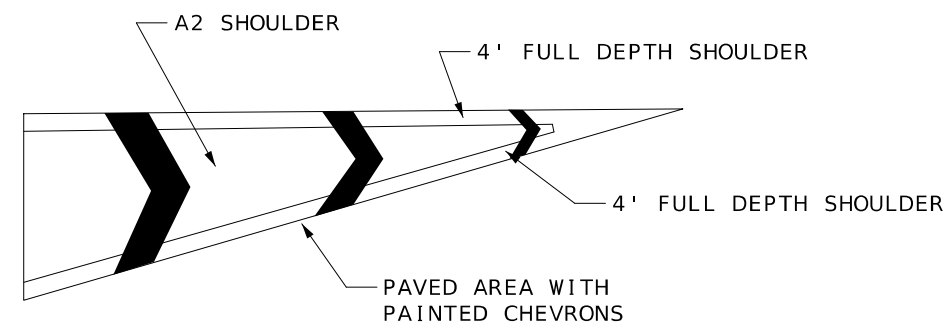
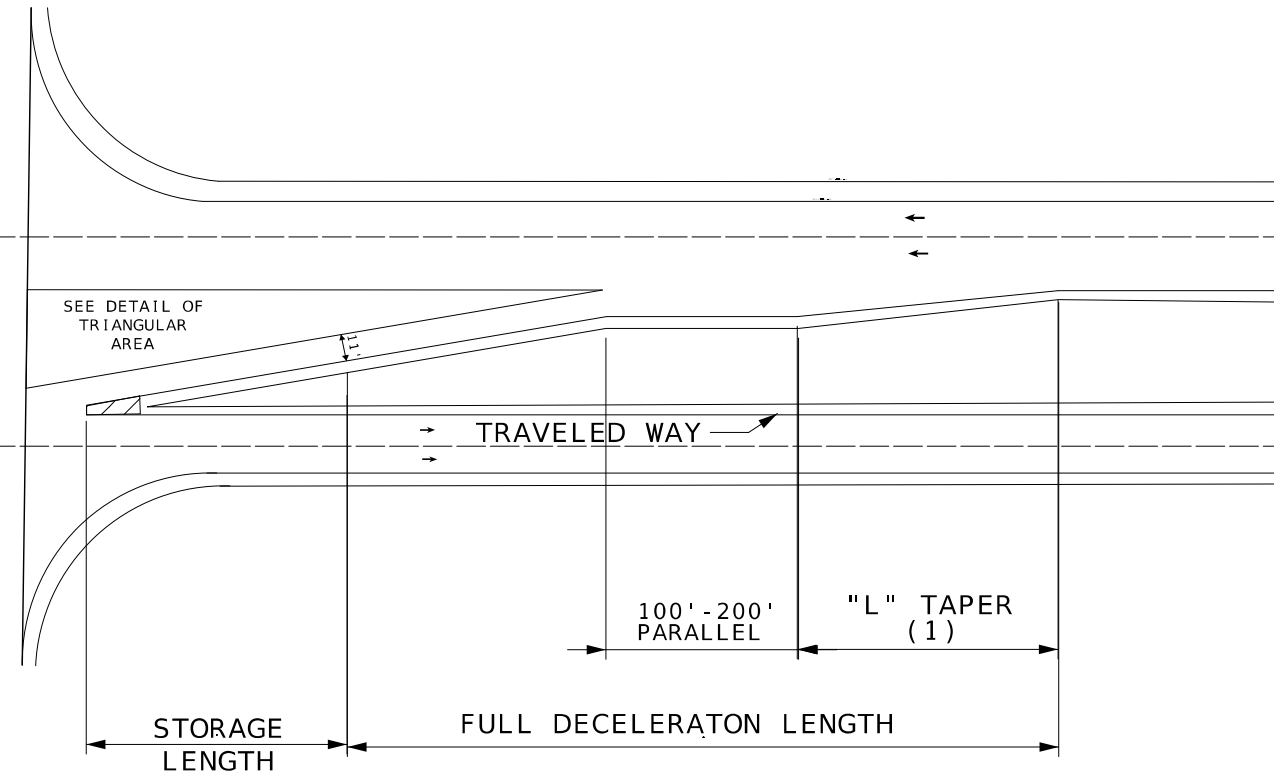
#### GENERAL NOTES:

ALL DIMENSIONS ARE TYPICAL

MEDIAN OPENINGS AND TAPERS SHALL BE CONSTRUCTED OF THE SAME MATERIAL AND THICKNESS AS THE TRAVELED WAY.

SHOULDERS 4' WIDE OR LESS NEED TO BE FULL DEPTH PAVEEMENT. USE A2 WITHIN THE TRIANGULAR AREA.

SLOPES ADJACENT TO THE MEDIAN OPENING SHALL NOT BE STEEPER THAN 4:1.



DETAIL OF  
TRIANGULAR AREA

| OPTIONAL PAVEMENT |          |          |                |                      |                                          |                                |                                             |                                       |
|-------------------|----------|----------|----------------|----------------------|------------------------------------------|--------------------------------|---------------------------------------------|---------------------------------------|
| STA               | STA      | LOCATION | LENGTH<br>(FT) | OPTIONAL<br>PAVEMENT | TYPE 5<br>AGGREGATE<br>8<br>INCH<br>(SY) | TYPE<br>A2<br>SHOULDER<br>(SY) | 8 IN<br>CONCRETE<br>MEDIAN<br>STRIP<br>(SY) | REMARKS                               |
|                   |          |          |                | (SY)                 | (SY)                                     | (SY)                           |                                             |                                       |
| 8+66.40           | 10+88.55 | MO 43    | 222.15         | 280.08               | 280.08                                   | -                              | -                                           | SB LEFT TURN LANE ATTACHED PORTION    |
| 10+85.56          | 10+85.56 | MO 43    | 38'            | 19.00                | 19.00                                    | -                              | -                                           |                                       |
| 10+88.55          | 12+87.49 | MO 43    | 198.94         | 439.41               | 562.22                                   | 122.81                         | -                                           | SB LEFT TURN LANE OFFSET PORTION      |
| 13+52.50          | 15+76.13 | MO 43    | 223.63         | 878.73               | 1061.12                                  | 182.39                         | -                                           | NB TURN LANES RT ATTACHED LT OFFSET   |
| 15+75.57          | 17+53.43 | MO 43    | 177.86         | 480.86               | 480.86                                   | -                              | -                                           | NB TURN LANES RT ATTACHED LT ATTACHED |
|                   |          |          | SUB TOTAL      | 2098.08              | 2403.28                                  | 305.20                         | -                                           | MO 43 AND 34TH STREET INTERSECTION    |
| 51+67.18          | 52+25.35 | LOOP 49  | 58.17          | 60.87                | 60.87                                    | -                              | 78.27                                       | SB RIGHT TURN                         |
| 52+79.30          | 53+15.89 | LOOP 49  | 36.59          | 41.74                | 41.74                                    | -                              | 42.60                                       | NB RIGHT TURN                         |
| 0+28.50           | 0+52.12  | RTE TT   | 23.62          | 14.60                | 14.60                                    | -                              | 26.08                                       | WB RIGHT TURN                         |
| -                 | -        | RTE TT   | 27.96          | 16.65                | 16.65                                    | -                              | 23.87                                       | EB RIGHT TURN                         |
|                   |          |          | SUB TOTAL      | 133.86               | 133.86                                   | 0.00                           | 170.82                                      | LP 49 AND RTE TT INTESECTION          |
|                   |          |          |                |                      |                                          |                                |                                             |                                       |
|                   |          |          | TOTAL          | 2231.94              | 2537.14                                  | 305.20                         | 170.82                                      |                                       |
|                   |          |          | USE            | 2232.0               | 2537.2                                   | 305.2                          | 170.9                                       |                                       |

|                                               |
|-----------------------------------------------|
| MOBILIZATION                                  |
| 1 LUMP SUM                                    |
| CONTRACTOR FURNISHED SURVEYING<br>AND STAKING |
| 1 LUMP SUM                                    |

| PERMANENT PAVEMENT MARKING |          |          |                |                                                                  |                                                                   |                                                                     |                                                                   |                                                                              |                                  |
|----------------------------|----------|----------|----------------|------------------------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------|
| STA.                       | STA.     | LOCATION | LENGTH<br>(LF) | 6" SOLID WHITE<br>HIGH BUILD<br>WATERBORNE PAINT<br>TYPE L BEADS | 6" SOLID YELLOW<br>HIGH BUILD<br>WATERBORNE PAINT<br>TYPE L BEADS | PERFORMED<br>THERMOPLASTIC<br>PAVEMENT MARKING<br>24" WHITE<br>(LF) | 12" SOLID WHITE<br>HIGH BUILD<br>WATERBORNE PAINT<br>TYPE L BEADS | PERFORMED<br>THERMOPLASTIC<br>PAVEMENT MARKING<br>LEFT/RIGHT ARROW<br>(EACH) | REMARKS                          |
|                            |          |          |                | (LF)                                                             | (LF)                                                              | (LF)                                                                | (LF)                                                              | (EACH)                                                                       |                                  |
|                            |          |          |                |                                                                  |                                                                   |                                                                     |                                                                   |                                                                              |                                  |
| 8+88.73                    | 9+88.40  | MO 43    | 99.67          | -                                                                | 100.4                                                             | -                                                                   | -                                                                 | -                                                                            | SOLID YELLOW                     |
| 9+88.40                    | 10+88.55 | MO 43    | 100.15         | 32.8                                                             | 100.2                                                             | -                                                                   | -                                                                 | -                                                                            | INTERMITTENT WHITE; SOLID YELLOW |
| 10+88.55                   | 12+80.90 | MO 43    | 192.35         | 167.7                                                            | 175.6                                                             | 54.3                                                                | -                                                                 | -                                                                            | SOLID WHITE; SOLID YELLOW        |
| 11+04.48                   | 11+04.48 | MO 43    | -              | -                                                                | -                                                                 | -                                                                   | -                                                                 | 1.0                                                                          | SB LT TURN                       |
| 12+27.88                   | 12+27.88 | MO 43    | -              | -                                                                | -                                                                 | -                                                                   | -                                                                 | 1.0                                                                          | SB LT TURN                       |
| 13+59.37                   | 15+76.00 | MO 43    | 216.63         | 591.0                                                            | 200.0                                                             | 84.3                                                                | -                                                                 | -                                                                            | SOLID WHITE; SOLID YELLOW        |
| 14+08.67                   | 14+08.67 | MO 43    | -              | -                                                                | -                                                                 | -                                                                   | -                                                                 | 1.0                                                                          | NB LT TURN                       |
| 14+34.98                   | 14+34.98 | MO 43    | -              | -                                                                | -                                                                 | -                                                                   | -                                                                 | 1.0                                                                          | NB RT TURN                       |
| 15+58.80                   | 15+58.80 | MO 43    | -              | -                                                                | -                                                                 | -                                                                   | -                                                                 | 1.0                                                                          | NB LT TURN                       |
| 15+76.00                   | 16+63.14 | MO 43    | 87.14          | 134.7                                                            | 87.4                                                              | -                                                                   | -                                                                 | -                                                                            | INTERMITTENT WHITE; SOLID YELLOW |
| 15+85.82                   | 15+85.82 | MO 43    | -              | -                                                                | -                                                                 | -                                                                   | -                                                                 | 1.0                                                                          | NB RT TURN                       |
| 16+63.14                   | 17+53.46 | MO 43    | 90.32          | 88.4                                                             | 91.4                                                              | -                                                                   | -                                                                 | -                                                                            | SOLID YELLOW                     |
| 51+35.06                   | 52+15.90 | LP 49    | 80.84          | 160.5                                                            | -                                                                 | 12.3                                                                | -                                                                 | -                                                                            | SB RT TURN LANE MARKING          |
| 51+14.39                   | 52+07.22 | LP 49    | 92.83          | 124.6                                                            | -                                                                 | 27.4                                                                | -                                                                 | -                                                                            | WB RT TURN LANE MARKING          |
| 52+88.39                   | 53+92.58 | LP 49    | 104.19         | 137.9                                                            | -                                                                 | 27.6                                                                | -                                                                 | -                                                                            | EB RT TURN LANE MARKING          |
| 52+78.40                   | 53+41.46 | LP 49    | 63.06          | 150.8                                                            | -                                                                 | 15.6                                                                | -                                                                 | -                                                                            | NB RT TURN LANE MARKING          |
| 51+55.77                   | 52+25.25 | LP 49    | 69.48          | 292.4                                                            | -                                                                 | -                                                                   | 200.2                                                             | -                                                                            | ISLAND PERIMETERS NORTH OF TT    |
| 52+76.55                   | 53+29.05 | LP 49    | 52.5           | 260.7                                                            | -                                                                 | -                                                                   | 170.3                                                             | -                                                                            | ISLAND PERIMETERS SOUTH OF TT    |
|                            |          |          |                | TOTAL                                                            | 2141.5                                                            | 755.0                                                               | 221.5                                                             | 370.5                                                                        |                                  |
|                            |          |          |                | USE                                                              | 2142                                                              | 755                                                                 | 222                                                               | 371                                                                          |                                  |

| EARTHWORK                                                                                                                        |          |          |                  |              |                                    |                                  |                               |                      |
|----------------------------------------------------------------------------------------------------------------------------------|----------|----------|------------------|--------------|------------------------------------|----------------------------------|-------------------------------|----------------------|
| STA                                                                                                                              | STA      | LOCATION | APPROX EARTHWORK |              | UNCLASSIFIED<br>EXCAVATION<br>(CY) | COMPACTING<br>EMBANKMENT<br>(CY) | COMPACTING<br>IN CUT<br>(STA) | REMARKS              |
|                                                                                                                                  |          |          | CUT<br>(CY)      | FILL<br>(CY) |                                    |                                  |                               |                      |
| 8+66.36                                                                                                                          | 13+00.00 | MO 43    | 237.9            | 94.3         | 237.9                              | 94.30                            | 4.3                           | NORTH OF 34TH STREET |
| 13+50.00                                                                                                                         | 17+49.53 | MO 43    | 1002             | 347.1        | 1002                               | 347.10                           | 4.0                           | SOUTH OF 34TH STREET |
|                                                                                                                                  |          |          |                  | TOTAL        | 1239.9                             | 441.4                            | 8.3                           |                      |
|                                                                                                                                  |          |          |                  | USE          | 1240                               | 442                              | 8.3                           |                      |
| UNSUITABLE MATERIAL CONSISTS OF REMOVED EXISTING PAVEMENT. THIS MATERIAL SHALL BE HAULED AWAY BY THE CONTRACTOR AT NO DIRECT PAY |          |          |                  |              |                                    |                                  |                               |                      |

STATE OF MISSOURI

CRAIG ALAN SWITZER

NUMBER

PE-2003015045

PROFESSIONAL ENGINEER

Craig Switzer

4/17/2024 8:11am

CRAIG ALAN SWITZER - CIVIL  
MO-PE-2003015045

DATE PREPARED  
4/17/2024

ROUTE

43, TT, 49

STATE

MO

DISTRICT

SW

SHEET NO.

3

COUNTY  
NEWTON / JASPER

JOB NO.  
JSR0092

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

SUMMARY OF QUANTITIES  
SHEET 1 OF 4

| SEEDING  |          |          |                |                            |                                       |                     |                                 |         |
|----------|----------|----------|----------------|----------------------------|---------------------------------------|---------------------|---------------------------------|---------|
| STA      | STA      | LOCATION | LENGTH<br>(FT) | ESTIMATED<br>WIDTH<br>(FT) | SEEDING<br>COOL SEASON MIX<br>(ACRES) | MULCHING<br>(ACRES) | TEMPORARY<br>SEEDING<br>(ACRES) | REMARKS |
| 8+66.40  | 10+90.00 | MO 43    | 223.60         | 15.0                       | 0.08                                  | 0.16                | 0.08                            | SB LT   |
| 10+90.00 | 12+46.07 | MO 43    | 156.07         | 5.00                       | 0.02                                  | 0.04                | 0.02                            | SB LT   |
| 13+57.23 | 17+67.15 | MO 43    | 409.92         | 20.00                      | 0.19                                  | 0.38                | 0.19                            | NB RT   |
| 14+17.88 | 17+53.43 | MO 43    | 335.55         | 15.00                      | 0.12                                  | 0.24                | 0.12                            | NB LT   |
| TOTAL    |          |          |                |                            | 0.41                                  | 0.82                | 0.41                            |         |
| USE      |          |          |                |                            | 0.4                                   | 0.8                 | 0.4                             |         |

| LIGHTING - CONTROL STATION |         |          |        |                                                   |
|----------------------------|---------|----------|--------|---------------------------------------------------|
| SHEET                      | ROADWAY | STATION  | OFFSET | BASE MOUNTED<br>CONTROL STA<br>240 VOLT<br>(EACH) |
| LT02                       | LP 49   | 53+22.01 | 91.98  | 1                                                 |
|                            |         |          | TOTAL  | 1                                                 |

| SIGNAL- PREFORMED PULL BOXES |         |          |        |                   |           |
|------------------------------|---------|----------|--------|-------------------|-----------|
| SHEET                        | ROADWAY | STATION  | OFFSET | CLASS 1<br>(EACH) | REMARKS   |
| LT01                         | LP 49   | 52+18.26 | 35.38  | 1                 | WB ISLAND |
| LT01                         | LP 49   | 52+21.57 | 33.9   | 1                 | SB ISLAND |
| LT02                         | LP 49   | 52+89.69 | 37.27  | 1                 | NB ISLAND |
| LT02                         | LP 49   | 52+85.23 | 116.54 | 1                 | EB ISLAND |
|                              |         |          | TOTAL  | 4                 |           |

| REMOVAL OF IMPROVEMENTS |       |         |                    |                |                    |
|-------------------------|-------|---------|--------------------|----------------|--------------------|
| STATION                 | ROUTE | OFFSET  | LOCATION           | LENGTH<br>(FT) | DESCRIPTION        |
| 10+12.54                | MO 43 | 8.67'   | MO 43 SB OFFSET LT | N/A            | FIRETRUCK SIGN     |
| 10+12.54                | MO 43 | 60.01'  | MO 43 SB           | N/A            | FIRETRUCK SIGN     |
| 10+85.56                | MO 43 | -       | MO 43 NB LANES     | 38'            | EXISTING PAVEMENT  |
| 12+23.70                | MO 43 | 9.52'   | MO 43 SB OFFSET LT | N/A            | DO NOT ENTER SIGN  |
| 12+79.83                | MO 43 | 10.39'  | MO 43 SB OFFSET LT | N/A            | YIELD/ONE WAY SIGN |
| 13+54.39                | MO 43 | 9.87'   | MO 43 NB OFFSET LT | N/A            | YIELD/ONE WAY SIGN |
| 13+60.95                | MO 43 | 4.17'   | MO 43 NB OFFSET LT | N/A            | STREET NAME SIGN   |
| 13+68.18                | MO 43 | 62.49'  | MO 43 NB RT        | N/A            | ONE WAY SIGN       |
| 14+14.64                | MO 43 | 10.99'  | MO 43 NB OFFSET LT | N/A            | DO NOT ENTER SIGN  |
| 16+40.66                | MO 43 | 61.99'  | MO 43 NB RT        | N/A            | FIRETRUCK SIGN     |
| 16+42.42                | MO 43 | 8.65'   | MO 43 NB OFFSET LT | N/A            | FIRETRUCK SIGN     |
| 52+25.35                | LP 49 | 27.97'  | SB RT              | 58.17          | ISLAND             |
| 52+79.30                | LP 49 | -27.970 | NB RT              | 36.59          | ISLAND             |
| 52+25.35                | LP 49 | -29.060 | WB RT              | 23.62          | ISLAND             |
| 52+79.30                | LP 49 | 27.360  | EB RT              | 27.96          | ISLAND             |
| 1 LUMP SUM              |       |         |                    |                |                    |

| EROSION CONTROL |          |          |                       |                                            |                                          |                             |                             |                                    |
|-----------------|----------|----------|-----------------------|--------------------------------------------|------------------------------------------|-----------------------------|-----------------------------|------------------------------------|
| LOG MILE        | LOG MILE | LOCATION | SILT<br>FENCE<br>(LF) | FURNISH TYPE 1<br>ROCK DITCH LINER<br>(CY) | PLACE TYPE 1<br>ROCK DITCH LINER<br>(CY) | ROCK<br>DITCH CHECK<br>(LF) | SEDIMENT<br>REMOVAL<br>(CY) | REMARKS                            |
| 9+26.24         | 9+26.24  | MO 43    |                       |                                            |                                          | 30                          | 1                           | SB LEFT                            |
| 10+01.86        | 10+01.86 | MO 43    |                       |                                            |                                          | 24                          | 1                           | SB LEFT                            |
| 10+85.56        | 10+85.56 | MO 43    |                       | 2.1                                        | 2.1                                      |                             |                             | DROP INLET                         |
| 13+57.71        | 16+67.25 | MO 43    | 309.5                 |                                            |                                          |                             | 3.1                         | NB RIGHT                           |
| 15+73.33        | 15+73.33 | MO 43    |                       |                                            |                                          | 20                          | 1                           | NB LEFT                            |
| 16+48.92        | 16+48.92 | MO 43    |                       |                                            |                                          | 20                          | 1                           | NB LEFT                            |
| 17+23.35        | 17+23.35 | MO 43    |                       |                                            |                                          | 20                          | 1                           | NB LEFT                            |
|                 |          |          | 309.5                 | 2.1                                        | 2.1                                      | 114.0                       | 8.1                         | 1 CY SEDIMENT REMOVAL PER DITCH    |
|                 |          |          | 310                   | 2                                          | 2                                        | 114                         | 8                           | CHECK AND 1 CY PER 100' SILT FENCE |

| DRAINAGE |          |                             |                                                |                                                 |                        |                               |                                               |                      |
|----------|----------|-----------------------------|------------------------------------------------|-------------------------------------------------|------------------------|-------------------------------|-----------------------------------------------|----------------------|
| STA      | LOCATION | 18" PIPE<br>GROUP A<br>(FT) | 18' FLARED<br>END SECTION<br>GROUP A<br>(EACH) | 5'X2' PRECAST<br>DROP INLET<br>TYPE S-2<br>(FT) | ROCK<br>LINING<br>(CY) | CLASS 3<br>EXCAVATION<br>(CY) | GRATE AND<br>BEARING PLATE<br>5'X2'<br>(EACH) | REMARKS              |
| 10+85.56 | MO 43    | 82                          | 1                                              | 3.0                                             | 2.0                    | 85.0                          | 1.0                                           | NORTH OF 34TH STREET |
|          | TOTAL    | 82                          | 1                                              | 3.0                                             | 2.0                    | 85.0                          | 1.0                                           |                      |
|          | USE      | 82                          | 1                                              | 3                                               | 2                      | 85                            | 1                                             |                      |

| LIGHTING- CONCRETE PULL BOXES |         |          |         |                    |     |
|-------------------------------|---------|----------|---------|--------------------|-----|
| SHEET                         | ROADWAY | STATION  | OFFSET  | STANDARD<br>(EACH) |     |
| LT01                          | LP 49   | 51+99.39 | -135.21 | 1                  | PB7 |
| LT01                          | LP 49   | 52+07.57 | 157.48  | 1                  | PB5 |
| LT02                          | LP 49   | 52+87.28 | 155.14  | 1                  | PB4 |
| LT02                          | LP 49   | 52+88.96 | -134.20 | 1                  | PB6 |
| LT02                          | LP 49   | 53+17.54 | -87.25  | 1                  | PB1 |
| LT02                          | LP 49   | 53+45.40 | 46.43   | 1                  | PB3 |
| LT02                          | LP 49   | 53+64.08 | -48.11  | 1                  | PB2 |
|                               |         |          | TOTAL   | 7                  |     |

| HIGHWAY LIGHTING |         |          |         |                                          |                             |                             |                              |                           |                                                        |                                              |         |
|------------------|---------|----------|---------|------------------------------------------|-----------------------------|-----------------------------|------------------------------|---------------------------|--------------------------------------------------------|----------------------------------------------|---------|
| SHEET            | ROADWAY | STATION  | OFFSET  | TYPE AT 30 FT<br>LIGHTING POLE<br>(EACH) | BRACKET ARM<br>6'<br>(EACH) | BRACKET ARM<br>8'<br>(EACH) | BRACKET ARM<br>10'<br>(EACH) | LED-A LUMINAIRE<br>(EACH) | POLE & BRACKET<br>CABLE #10 AWG<br>1 CONDUCTOR<br>(LF) | POLE FOUNDATION<br>30 FT MT HEIGHT<br>(EACH) | REMARKS |
| LT01             | LP 49   | 47+96.27 | 40.67   | 1                                        |                             | 1                           |                              | 1                         | 82                                                     | 1                                            | L6      |
| LT01             | LP 49   | 51+05.63 | 44.13   | 1                                        | 1                           |                             |                              | 1                         | 78                                                     | 1                                            | L5      |
| LT01             | LP 49   | 50+43.13 | -43.19  | 1                                        |                             | 1                           |                              | 1                         | 82                                                     | 1                                            | L9      |
| LT01             | LP 49   | 51+98.07 | -121.04 | 1                                        |                             | 1                           |                              | 1                         | 82                                                     | 1                                            | L8      |
| LT02             | LP 49   | 52+92.92 | 116.54  | 1                                        |                             | 1                           |                              | 1                         | 82                                                     | 1                                            | L4      |
| LT02             | LP 49   | 52+95.16 | -116.39 | 1                                        |                             |                             | 1                            | 1                         | 86                                                     | 1                                            | L7      |
| LT02             | LP 49   | 53+70.02 | 40.36   | 1                                        |                             | 1                           |                              | 1                         | 82                                                     | 1                                            | L3      |
| LT02             | LP 49   | 53+82.73 | -48.04  | 1                                        |                             |                             | 1                            | 1                         | 86                                                     | 1                                            | L1      |
| LT02             | LP 49   | 55+04.16 | -52.54  | 1                                        |                             | 1                           |                              | 1                         | 82                                                     | 1                                            | L2      |
| TOTAL            |         |          |         | 9                                        | 1                           | 6                           | 2                            | 9                         | 742                                                    | 9                                            |         |
| USE              |         |          |         | 9                                        | 1                           | 6                           | 2                            | 9                         | 740                                                    | 9                                            |         |

STATE OF MISSOURI

CRAIG ALAN SWITZER

NUMBER

PE-2003015045

PROFESSIONAL ENGINEER

Craig Switzer

8/Date 8/Time

CRAIG ALAN SWITZER - CIVIL

MO-PE-2003015045

DATE PREPARED

4/17/2024

ROUTE

STATE

43, TT, 49

MO

DISTRICT

SHEET NO.

SW

3

COUNTY

NEWTON / JASPER

JOB NO.

JSR0092

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

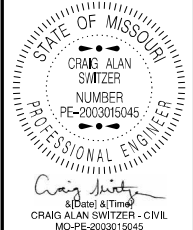
| LIGHTING-CABLE CONDUIT |            |              |                                                                     |                               |                             |                           |                                       |
|------------------------|------------|--------------|---------------------------------------------------------------------|-------------------------------|-----------------------------|---------------------------|---------------------------------------|
| ID                     | ID         | CTR. TO CTR. | 1" CABLE CONDUIT<br>2 CONDUCTORS & 1<br>BARE NEUTRAL #8 AWG<br>(LF) | CABLE 2 AWG<br>#2 AWG<br>(LF) | TYPE 1<br>TRENCHING<br>(LF) | PUSHED 3" CONDUIT<br>(LF) | RIGID CONDUIT 3"<br>IN TRENCH<br>(LF) |
| SUPPLY                 | CONTROLLER | 14           |                                                                     | 90                            |                             |                           | 18                                    |
| CONTROLLER             | PB1        | 7            | 135                                                                 |                               | 7                           |                           |                                       |
| PB1                    | PB2        | 76           | 492                                                                 |                               | 76                          |                           |                                       |
| PB2                    | L1         | 18           | 48                                                                  |                               | 18                          |                           |                                       |
| L1                     | L2         | 122          | 132                                                                 |                               | 122                         |                           |                                       |
| PB2                    | PB3        | 96           | 408                                                                 |                               |                             | 96                        |                                       |
| PB3                    | L3         | 26           | 37                                                                  |                               | 26                          |                           |                                       |
| PB3                    | L4         | 95           | 303                                                                 |                               | 95                          |                           |                                       |
| L4                     | PB4        | 39           | 83                                                                  |                               | 39                          |                           |                                       |
| PB4                    | PB5        | 80           | 172                                                                 |                               |                             | 80                        |                                       |
| PB5                    | L5         | 179          | 370                                                                 |                               | 179                         |                           |                                       |
| L5                     | L6         | 310          | 320                                                                 |                               | 310                         |                           |                                       |
| PB1                    | PB6        | 69           | 225                                                                 |                               | 67                          |                           |                                       |
| PB6                    | L7         | 33           | 44                                                                  |                               | 33                          |                           |                                       |
| PB6                    | PB7        | 90           | 192                                                                 |                               |                             | 90                        |                                       |
| PB7                    | L8         | 14           | 40                                                                  |                               | 14                          |                           |                                       |
| L8                     | L9         | 118          | 128                                                                 |                               | 118                         |                           |                                       |
| TOTAL                  |            |              | 3129                                                                | 90                            | 1104                        | 266                       | 18                                    |
| USE                    |            |              | 3130                                                                | 90                            | 1104                        | 266                       | 18                                    |

| LIGHTING-POWER SUPPLY |         |          |        |                                  |
|-----------------------|---------|----------|--------|----------------------------------|
| SHEET                 | ROADWAY | STATION  | OFFSET | TYPE 2<br>POWER SUPPLY<br>(EACH) |
| LT02                  | LP 49   | 53+35.43 | 89.67  | 1                                |
|                       |         |          | TOTAL  | 1                                |

| PAVEMENT MARKING REMOVAL |          |       |         |          |        |                     |
|--------------------------|----------|-------|---------|----------|--------|---------------------|
| STA.                     | STA.     | ROUTE | OFFSET  | LOCATION | LENGTH | DESCRIPTION         |
| 51+53.74                 | 52+25.00 | LP 49 | 27.000  | SB RT    | 238.6  | ISLAND PVMT MARKING |
| 52+77.35                 | 53+35.00 | LP 49 | -24.390 | NB RT    | 178.40 | ISLAND PVMT MARKING |
| 51+90.00                 | 52+23.50 | LP 49 | -25.430 | WB RT    | 124.40 | ISLAND PVMT MARKING |
| 52+77.55                 | 53+12.00 | LP 49 | 28.130  | EB RT    | 131.50 | ISLAND PVMT MARKING |
|                          |          |       |         |          | TOTAL  | 672.9               |
|                          |          |       |         |          | USE    | 673                 |

| WHITE 36" SURFACE-MOUNT DELINEATOR POST |          |      |                      |
|-----------------------------------------|----------|------|----------------------|
| STA                                     | LOCATION | EACH | REMARKS              |
| 12+77.99                                | MO 43    | 3    | NORTH OF 34TH STREET |
| 13+58.80                                | MO 43    | 3    | SOUTH OF 34TH STREET |
| 52+79.03                                | LP 49    | 3    | NB ISLAND CORNERS    |
| 52+22.01                                | LP 49    | 3    | SB ISLAND CORNERS    |
| 52+20.91                                | LP 49    | 3    | WB ISLAND CORNERS    |
| 52+80.12                                | LP 49    | 3    | EB ISLAND CORNERS    |
|                                         | TOTAL    | 18   |                      |
|                                         | USE      | 18   |                      |

| SIGNAL-RETROREFLECTIVE BACKPLATES |       |      |          |
|-----------------------------------|-------|------|----------|
| STA                               | RTE   | EACH | REMARKS  |
| 52+15.51                          | LP 49 | 3    | NB LANES |
| 52+59.00                          | LP 49 | 3    | EB LANES |
| 52+87.62                          | LP 49 | 3    | SB LANES |
| 52+35.30                          | LP 49 | 4    | WB LANES |
|                                   | TOTAL | 13   |          |



|                            |                |
|----------------------------|----------------|
| DATE PREPARED<br>4/17/2024 |                |
| ROUTE<br>43, TT, 49        | STATE<br>MO    |
| DISTRICT<br>SW             | SHEET NO.<br>3 |
| COUNTY<br>NEWTON / JASPER  |                |
| JOB NO.<br>JSR0092         |                |
| CONTRACT ID.               |                |

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|-------------|
| PROJECT NO. |
| BRIDGE NO.  |

| DESCRIPTION | DATE |
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

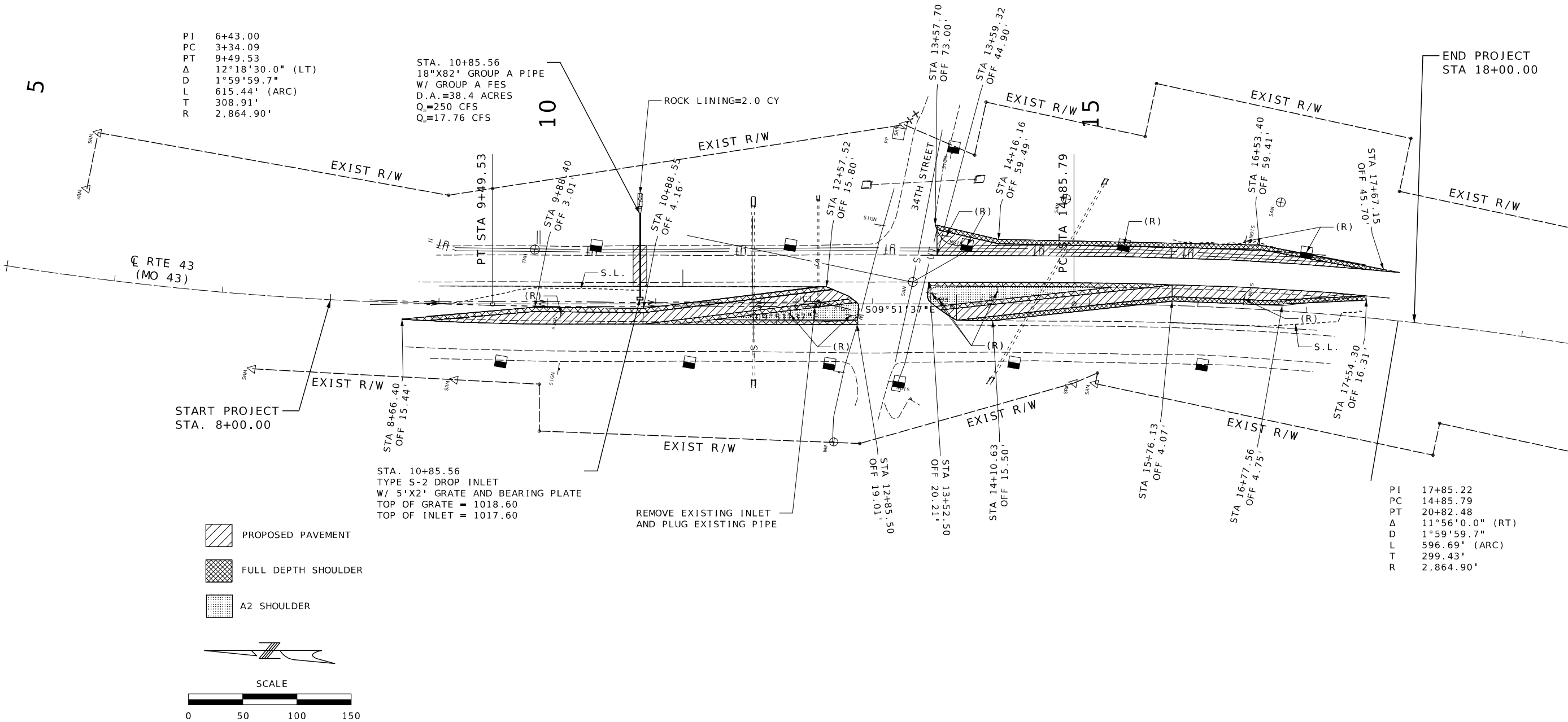


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JEFFERSON CITY, MO 65102  
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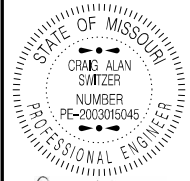


ANY WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND A PART OF THE CONSTRUCTION OF THIS PROJECT.

ALL BEARINGS BASED ON STATE PLANE BEARINGS WESTERN ZONE.



PLAN SHEET  
SHEET 1 OF 4



DATE PREPARED  
4/17/2024

ROUTE STATE  
43, TT, 49 MO

DISTRICT SHEET NO.  
SW 4

COUNTY  
NEWTON / JASPER

JOB NO.  
JSR0092

CONTRACT ID.

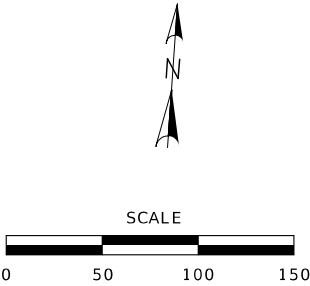
PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
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MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION





Craig Switzer  
&[Date] &[Time]  
CRAIG ALAN SWITZER - CIVIL  
MO-PE-2003015045

DATE PREPARED  
4/17/2024

|          |       |
|----------|-------|
| ROUTE    | STATE |
| 43 TT 49 | MO    |

|          |           |
|----------|-----------|
| DISTRICT | SHEET NO. |
| SW       | E         |

|        |   |
|--------|---|
| SW     | 5 |
| COUNTY |   |

NEWTON / JASPER

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| JSR0092     |
| CONTRACT ID |

CONTRACT ID.

PROJECT NO.

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| BRIDGE NO. |
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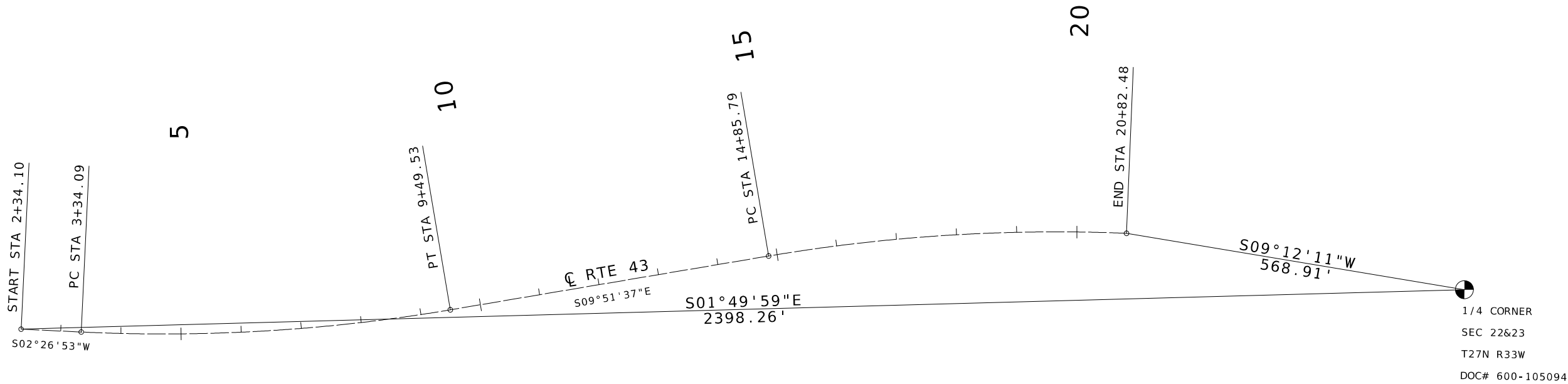
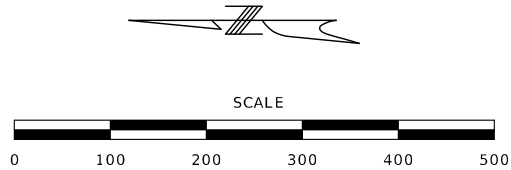
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MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

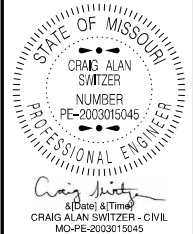
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JEFFERSON CITY, MO 65102  
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PLAN SHEETS  
SHEET 2 OF 4



PLAN SHEETS  
SHEET 3 OF 4



|                            |                |
|----------------------------|----------------|
| DATE PREPARED<br>4/17/2024 |                |
| ROUTE<br>43, TT, 49        | STATE<br>MO    |
| DISTRICT<br>SW             | SHEET NO.<br>6 |
| COUNTY<br>NEWTON / JASPER  |                |
| JOB NO.<br>JSR0092         |                |
| 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)



ALL PROJECT COORDINATES HAVE BEEN PROJECTED FROM THE MISSOURI STATE PLANE COORDINATE (SPC) SYSTEM OF 1983 USING AN AVERAGE PROJECT PROJECTION (GRID TO GROUND) FACTOR. TO GET BACK TO STATE PLANE COORDINATES MULTIPLY THE PROJECT COORDINATES BY THE AVERAGE GRID FACTOR AS SHOWN IN THE "REFERENCE CONTROL INFORMATION" PORTION OF THIS TABLE.

| PROJECT COORDINATE INFORMATION |  |  |
|--------------------------------|--|--|
|--------------------------------|--|--|

|                             |                      |  |
|-----------------------------|----------------------|--|
| COORDINATE SYSTEM           | MODIFIED STATE PLANE |  |
| HORIZONTAL DATUM            | NAD1983              |  |
| VERTICAL DATUM              | NAVD88               |  |
| GEOID MODEL                 | Geoid18              |  |
| ELEVATIONS<br>DETERMINED BY | GPS                  |  |
| PROJECT PROJECTION FACTOR   | 1.00010258           |  |

| REFERENCE | CONTROL | INFORMATION |
|-----------|---------|-------------|
|-----------|---------|-------------|

|                             |                         |                      |  |
|-----------------------------|-------------------------|----------------------|--|
| COORDINATE SYSTEM           |                         | MODIFIED STATE PLANE |  |
| CONTROL STATION             |                         | MODOT GNSS           |  |
| DESIGNATION                 | MODOT CARTHAGE CORS ARP |                      |  |
| CORS_ID                     | MOCA                    |                      |  |
| PID                         | DL6014                  |                      |  |
| LATITUDE                    | 37 10 39.16612          |                      |  |
| LONGITUDE                   | 094 21 27.24307         |                      |  |
| NORTHING (M)                | 112181.7290             |                      |  |
| EASTING (M)                 | 862647.8740             |                      |  |
| ZONE                        | 2403 (MO-West )         |                      |  |
| PROJECT AVERAGE GRID FACTOR | 0.99989742              |                      |  |

EXAMPLE OF PROJECT COORDINATE TO S.P.C.

```
PROJECT NORTHING X AVERAGE GRID FACTOR
= STATE PLANE NORTHING
PROJECT EASTING X AVERAGE GRID FACTOR
= STATE PLANE EASTING
```

EXAMPLE: CONTROL POINT #\_\_

|   |            |   |            |   |   |            |
|---|------------|---|------------|---|---|------------|
| N | 112181.729 | X | 1.00010258 | = | N | 112193.237 |
| E | 862647.874 | X | 1.00010258 | = | E | 862736.364 |

## LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

## COORDINATE POINT LISTING

[illegible]

COORDINATE POINT SHEET  
SHEET 1 OF 2

ALL PROJECT COORDINATES HAVE BEEN PROJECTED FROM THE MISSOURI STATE PLANE COORDINATE (SPC) SYSTEM OF 1983 USING AN AVERAGE PROJECT PROJECTION (GRID TO GROUND) FACTOR. TO GET BACK TO STATE PLANE COORDINATES MULTIPLY THE PROJECT COORDINATES BY THE AVERAGE GRID FACTOR AS SHOWN IN THE "REFERENCE CONTROL INFORMATION" PORTION OF THIS TABLE.

|                                                                                                                                                                                                                                                               |                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| PROJECT COORDINATE INFORMATION                                                                                                                                                                                                                                |                         |
| COORDINATE SYSTEM                                                                                                                                                                                                                                             | MODIFIED STATE PLANE    |
| HORIZONTAL DATUM                                                                                                                                                                                                                                              | NAD83                   |
| VERTICAL DATUM                                                                                                                                                                                                                                                | NAVD88                  |
| GEOID MODEL                                                                                                                                                                                                                                                   | Geoid18                 |
| ELEVATIONS DETERMINED BY                                                                                                                                                                                                                                      | GPS                     |
| PROJECT PROJECTION FACTOR                                                                                                                                                                                                                                     | 1.00010280              |
| REFERENCE CONTROL INFORMATION                                                                                                                                                                                                                                 |                         |
| COORDINATE SYSTEM                                                                                                                                                                                                                                             | MODIFIED STATE PLANE    |
| CONTROL STATION                                                                                                                                                                                                                                               | MODOT GNSS              |
| DESIGNATION                                                                                                                                                                                                                                                   | MODOT CARTHAGE CORS ARP |
| CORS_ID                                                                                                                                                                                                                                                       | MOCA                    |
| PID                                                                                                                                                                                                                                                           | DL6014                  |
| LATITUDE                                                                                                                                                                                                                                                      | 37 10 39.16612          |
| LONGITUDE                                                                                                                                                                                                                                                     | 094 21 27.21307         |
| NORTHING (M)                                                                                                                                                                                                                                                  | 112181.7290             |
| EASTING (M)                                                                                                                                                                                                                                                   | 862647.8740             |
| ZONE                                                                                                                                                                                                                                                          | 2403 (MO-West)          |
| PROJECT AVERAGE GRID FACTOR                                                                                                                                                                                                                                   | 0.99989720              |
| EXAMPLE OF PROJECT COORDINATE TO S.P.C.                                                                                                                                                                                                                       |                         |
| PROJECT NORTHING X AVERAGE GRID FACTOR<br>= STATE PLANE NORTHING<br>PROJECT EASTING X AVERAGE GRID FACTOR<br>= STATE PLANE EASTING<br><br>EXAMPLE: CONTROL POINT #___<br>N 112181.729 X 1.00010280 = N 112193.261<br>E 862647.874 X 1.00010280 = E 862736.554 |                         |
| LINEAR UNIT CONVERSION                                                                                                                                                                                                                                        |                         |
| 1 METER = 3.280833333 US SURVEY FEET (USFT)                                                                                                                                                                                                                   |                         |

| COORDINATE POINT LISTING  |          |          |                  |                               |                           |                             |                    |                 |
|---------------------------|----------|----------|------------------|-------------------------------|---------------------------|-----------------------------|--------------------|-----------------|
| SHEET NO                  | STATION  | LOCATION | OFFSET<br>(USFT) | MODIFIED STATE PLANE (GROUND) |                           |                             | DESCRIPTION        | GPK<br>POINT ID |
|                           |          |          |                  | NORTHING<br>(US SURVEY FT)    | EASTING<br>(US SURVEY FT) | ELEVATION<br>(US SURVEY FT) |                    |                 |
| PROJECT CONTROL POINTS    |          |          |                  |                               |                           |                             |                    |                 |
|                           | 26+09.90 | RTE TT   | 2454.195         | 336,640.8320                  | 2,798,349.7930            | 988.5790                    | LAND CORNER MARKER | IP&CAP          |
|                           | 51+71.24 | LP 49    | 81.636           | 339,232.9950                  | 2,795,714.2240            | 973.0990                    |                    | CP10            |
|                           | 53+57.30 | LP 49    | 63.724           | 339,070.0380                  | 2,795,889.5480            | 972.2580                    |                    | CP11            |
|                           | 51+88.79 | LP 49    | 435.59           | 339,238.6030                  | 2,795,389.8450            | 959.3680                    |                    | CP12            |
|                           | 53+82.45 | LP 49    | 309.785          | 339,044.7460                  | 2,795,515.7240            | 961.8640                    |                    | CP13            |
|                           | 57+12.78 | LP 49    | 40.904           | 338,713.7520                  | 2,795,866.8070            | 962.3630                    |                    | CP14            |
|                           | 59+28.75 | LP 49    | 329.868          | 338,497.7680                  | 2,796,155.7580            | 966.3840                    |                    | CP15            |
|                           | 60+06.19 | LP 49    | 273.504          | 338,420.6550                  | 2,796,099.3610            | 969.2620                    |                    | CP16            |
|                           | 53+57.30 | LP 49    | 63.714           | 339,070.0310                  | 2,795,889.5380            | 972.3120                    |                    | CP1             |
|                           | 52+24.90 | LP 49    | 516.018          | 339,202.4900                  | 2,795,309.2760            | 973.0860                    |                    | BM20            |
|                           | 55+64.21 | LP 49    | 1.072            | 338,862.6460                  | 2,795,826.8590            | 975.1430                    |                    | BM21            |
| ALIGNMENTS (RTE-TT;LP-49) |          |          |                  |                               |                           |                             |                    |                 |
|                           | 0+00.00  | RTE TT   | 0                | 339,150.3650                  | 2,795,793.0557            |                             | BEGINNING RTE TT   | N/A             |
|                           | 7+57.57  | RTE TT   | 0                | 339,134.1388                  | 2,796,550.4506            |                             | END RTE TT         | N/A             |
|                           | 47+98.73 | LP 49    | 0                | 339,602.4698                  | 2,795,808.6636            |                             | BEGINNING LOOP 49  | N/A             |
|                           | 55+80.57 | LP 49    | 0                | 338,821.0954                  | 2,795,781.0954            |                             | END LOOP 49        | N/A             |
|                           |          |          |                  |                               |                           |                             |                    |                 |
|                           |          |          |                  |                               |                           |                             |                    |                 |
|                           |          |          |                  |                               |                           |                             |                    |                 |

STATE OF MISSOURI

CRAIG ALAN SWITZER

NUMBER

PE-2003015045

PROFESSIONAL ENGINEER

Craig Switzer

&[Date] &[Time]

CRAIG ALAN SWITZER - CIVIL

MO-PE-2003015045

DATE PREPARED

4/17/2024

ROUTE

43, TT, 49

STATE

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SHEET NO.

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NEWTON / JASPER

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL

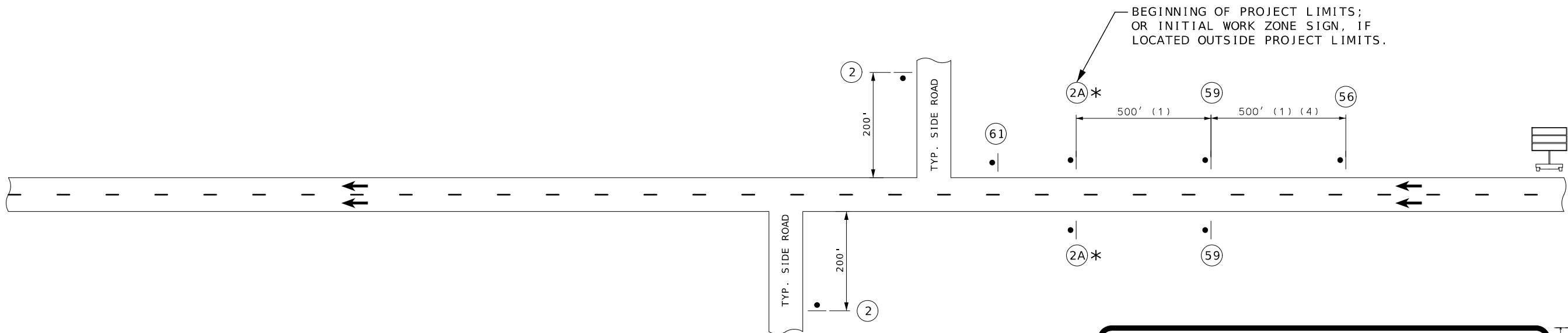
JEFFERSON CITY, MO 65102

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GENERAL NOTES:

1. ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
2. TEMPORARY SIGNING SHOWN IS FOR WORK ON ONE SIDE OF THE ROAD. FOR WORK ON THE OTHER SIDE, REVERSE ORDER OF THE SIGNS AND CHANNELIZERS.
3. SIGNING SHOWN SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE.
4. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL OF THE ENGINEER.
5. REFER TO STANDARD DRAWING 616.10, 619.10, AND 620.10 FOR ADDITIONAL DETAILS AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.
6. SPEED LIMIT SIGNS INDICATING THE NORMAL SPEED LIMIT SHALL BE INSTALLED AT THE END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.
7. TEMPORARY SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED WHEN THE CONDITIONS REQUIRING REDUCED SPEEDS DO NOT EXIST.
8. NO DIRECT PAYMENT WILL BE MADE FOR THE RELOCATION OF CHANNELIZERS, CONSTRUCTION SIGNS, OR FLASHING ARROW PANEL.
9. ALL SIGNS, EXCEPT "RATE OUR WORK ZONES" SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING PROPER TRAFFIC CONTROL SETUPS THROUGHOUT CONSTRUCTION AS DESCRIBED IN THESE PLANS OR AS APPROVED BY THE ENGINEER.
11. WHERE MINIMUM LANE WIDTHS CANNOT BE ACHIEVED ON THE SIDE STREETS, THE CONTRACTOR SHALL CLOSE HALF OF THE APPROACH AND POSITION A FLAGGER AT EACH END OF THE WORK AREA. LOCATION TO BE DETERMINED BY THE ENGINEER. ADVANCE FLAGGER SIGNING SHALL BE INSTALLED AS OUTLINED IN THE MUTCD.
12. THE CONTRACTOR SHALL MAINTAIN PUBLIC ACCESS TO ALL BUSINESSES AND STREETS. NO STREET OR ENTRANCE SHALL BE COMPLETELY BLOCKED.
13. SPACING & DISTANCES OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD & APPROVED BY THE ENGINEER.
14. TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
15. ADJUST ADVANCE WARNING SIGN SPACING TO AVOID SIGN PLACEMENT WITHIN THE LIMITS OF THE RAILROAD RIGHT OF WAY.
16. CONTRACTOR SHALL COORDINATE WITH ADA PROJECT, JXXXXXX.



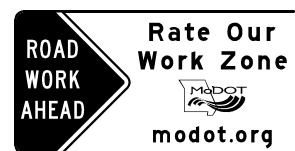
(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.  
WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE  
WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

- (2) SIGN CONST-7-72 IS PLACED 500 FEET BEFORE THE BEGINNING OF PROJECT LIMITS OR THE ROAD WORK AHEAD SIGN OR ROAD WORK NEXT XX MILES SIGN. IF USED, WHEN THESE SIGNS ARE LOCATED OUTSIDE THE PROJECT LIMITS.

- (3) CONST-5-96 SIGN IS PLACED IN A VISIBLE AREA WITHIN THE PROJECT LIMITS PROVIDED ITS PLACEMENT DOES NOT DISRUPT A SEQUENCE OF SIGNS. IF A VISIBLE LOCATION WITHIN THE PROJECT IS NOT AVAILABLE, THE SIGN MAY BE PLACED 500 FEET BEFORE SIGN CONST-7-72.

- (4) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.

- (5) CMS PLACEMENT SHALL BE APPROVED BY THE ENGINEER.

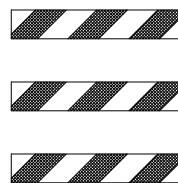


CONST - 7 - 72

(56) (2)



WO20-1



②A \*



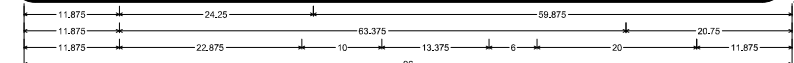
CONST-8

59 (4)



WO20-1

\*SIGN 2A WITH AWRS MUST  
BE GROUND OR SKID MOUNTED.



CONST-5-96 SH-FLAT SHEET;  
3.000" Radius, 1.000" Border, V  
"Road", D; "Resurfacing", D;  
Table of letter and object lefts.

|        |        |        |        |
|--------|--------|--------|--------|
| R      | o      | a      | d      |
| 11,875 | 19,000 | 25,125 | 31,750 |

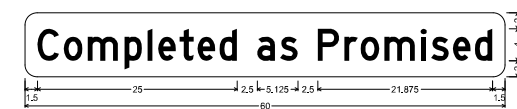
|        |        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| R      | e      | s      | u      | r      | f      | a      | c      | i      | n      | g      |
| 11,875 | 19,000 | 24,875 | 31,500 | 38,500 | 42,875 | 47,250 | 53,750 | 60,375 | 64,250 | 70,750 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| F      | a      | i      | l      | 2      | 0      | 2      | 5      |        |
| 11,875 | 44,750 | 49,000 | 54,250 | 57,250 | 64,125 | 69,250 | 74,625 | 80,125 |

(61) CONST-5-96

(3)

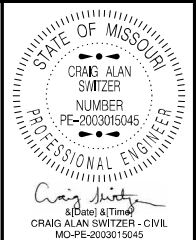


CONST-5P-60 SHF-FLAT SHEET FLUORESCENT;  
1.500" Radius, No border, Yellow;  
"Completed as Promised" Black, D 65% spacing;  
Table of letter and object lefts

|        |        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| C      | o      | m      | p      | l      | e      | t      | e      | d      | a      | s      |
| 1,500  | 4,875  | 7,875  | 12,375 | 15,375 | 16,625 | 19,375 | 21,500 | 24,250 | 29,000 | 31,875 |
| P      | r      | o      | m      | l      | s      | e      | d      |        |        |        |
| 36,625 | 39,875 | 41,875 | 44,875 | 49,500 | 50,750 | 53,500 | 56,250 |        |        |        |

NOT TO SCALE

TRAFFIC CONTROL  
SHEET 1 OF 9



DATE PREPARED

4 / 17 / 2024

|          |       |
|----------|-------|
| ROUTE    | STATE |
| 12 TT 10 | MO    |

|            |           |
|------------|-----------|
| 43, 11, 49 | MO        |
| DISTRICT   | SHEET NO. |

|    |    |
|----|----|
| SW | 11 |
|----|----|

COUNTY

|                |
|----------------|
| NEWTON / JASPI |
| JOB NO.        |

JSR0092

|              |
|--------------|
| CONTRACT ID. |
|--------------|

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PROJECT NO.

BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

105 WEST CAPITOL  
JEFFERSON CITY, MO. 65102



NOTES:

UPON APPROVAL OF THE ENGINEER, THE CONTRACTOR MAY PROVIDE ADDITIONAL PROTECTIVE TRUCKS EQUIPPED WITH PROPER WARNING DEVICES.

PROTECTIVE TRUCK AND WORK VEHICLES SHALL DISPLAY HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

FLASHING ARROW PANELS AND SIGNS SHALL BE INCIDENTAL TO TRUCK MOUNTED ATTENUATORS, WHEREVER USED. NO ADDITIONAL PAYMENT WILL BE MADE.

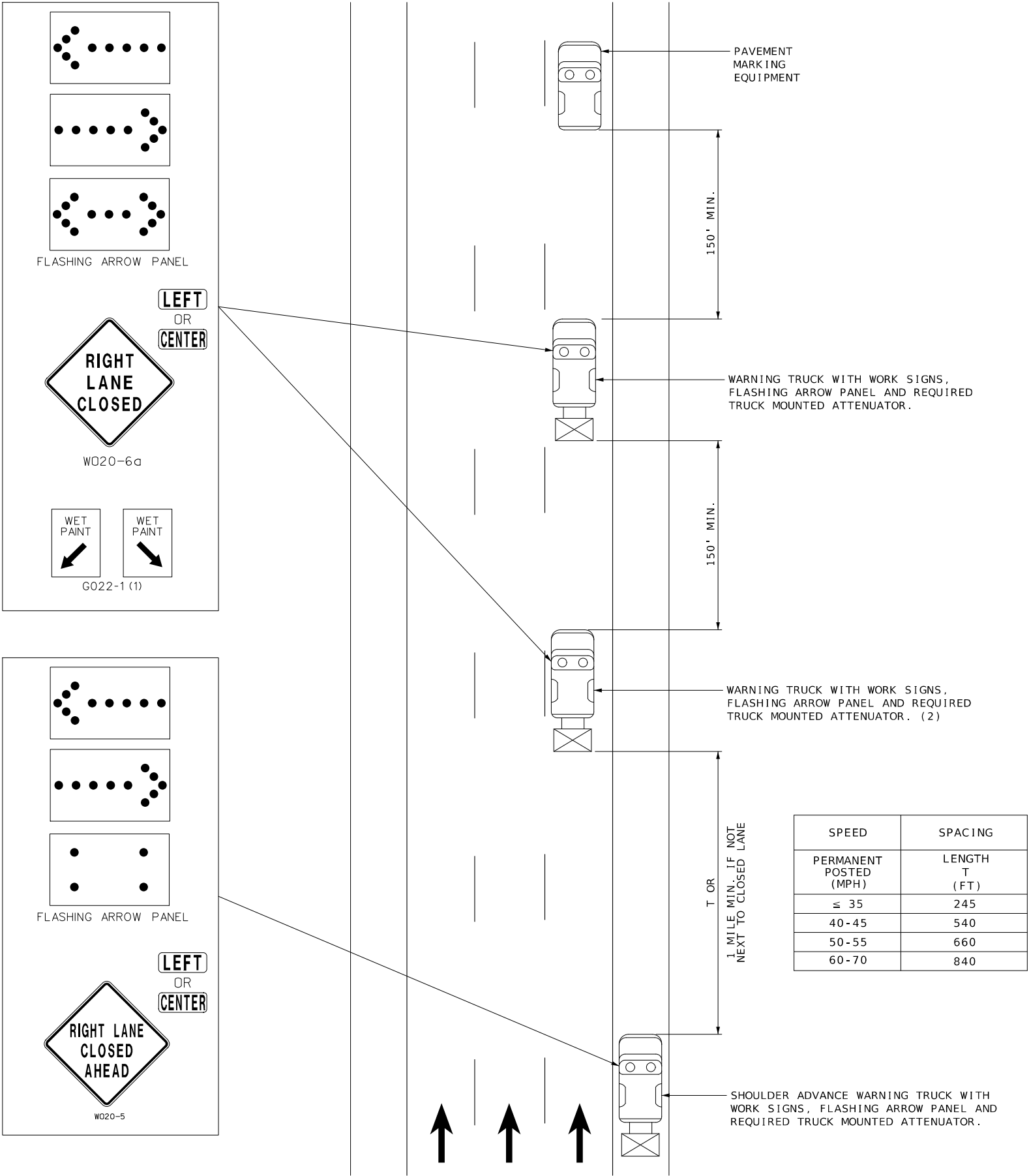
(1) WET PAINT SIGNS ARE INSTALLED TO INDICATE THE SIDE IN WHICH THE PAVEMENT MARKING MATERIAL IS BEING APPLIED. AT THE CONTRACTOR'S OPTION, A FRONT FACING WET PAINT SIGN MAY BE INSTALLED ON THE LEFT SIDE OF THE PAVEMENT MARKING EQUIPMENT.

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

FLASHING ARROW PANELS SHALL, AS A MINIMUM, BE TYPE B, WITH A SIZE OF 60 X 30 INCHES.

VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

A FLASHING ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED. WHEN MORE THAN ONE LANE CLOSED, A SEPARATE FLASHING ARROW PANEL BOARD SHALL BE USED FOR EACH CLOSED LANE.



STRIPING ON MULTI-LANE HIGHWAY

NOT TO SCALE

TRAFFIC CONTROL  
SHEET 2 OF 9

STATE OF MISSOURI

CRAIG ALAN SWITZER

NUMBER

PE-2003015045

PROFESSIONAL ENGINEER

DATE

4/17/2024

ROUTE

43, TT, 49

STATE

MO

DISTRICT

SW

SHEET NO.

12

COUNTY

NEWTON / JASPER

JOB NO.

JSR0092

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

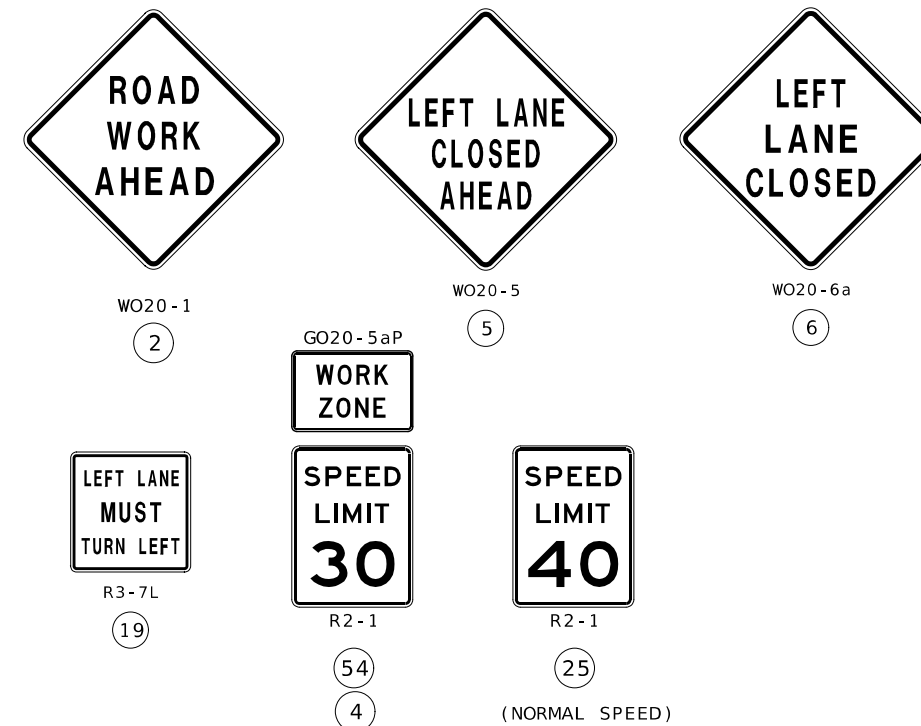
105 WEST CAPITOL

JEFFERSON CITY, MO 65102

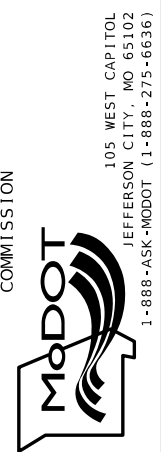
1-888-ASK-MODOT (1-888-275-6636)

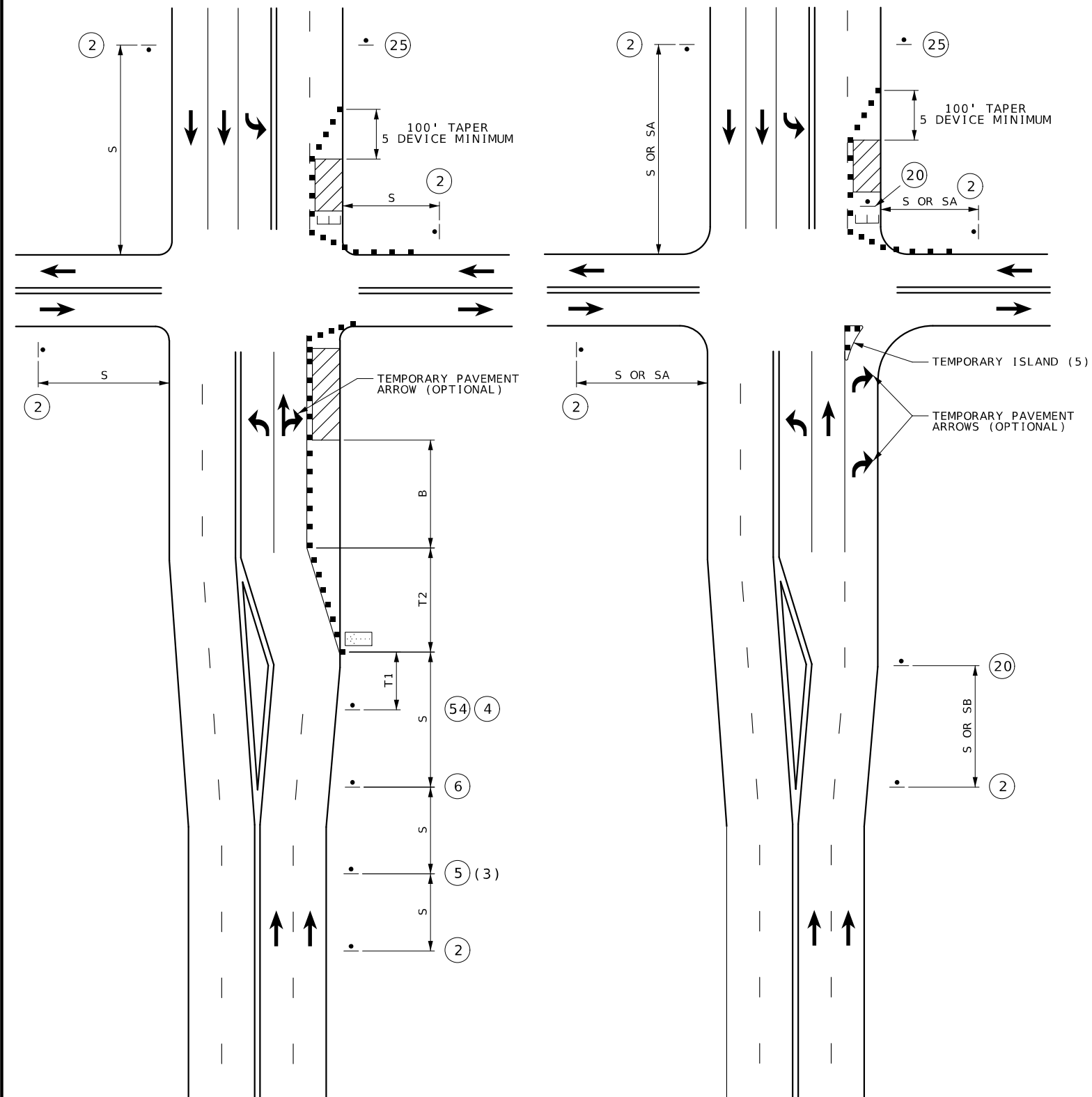
|               |           |
|---------------|-----------|
| DATE PREPARED |           |
| 4/17/2024     |           |
| ROUTE         | STATE     |
| 43, TT, 49    | MO        |
| DISTRICT      | SHEET NO. |
| SW            | 13        |

(4) FLASHING ARROW BOARD SHOULD BE LOCATED AT THE BEGINNING OF THE MERGING TAPER WHEN MEDIAN WIDTH ALLOWS THIS PLACEMENT.



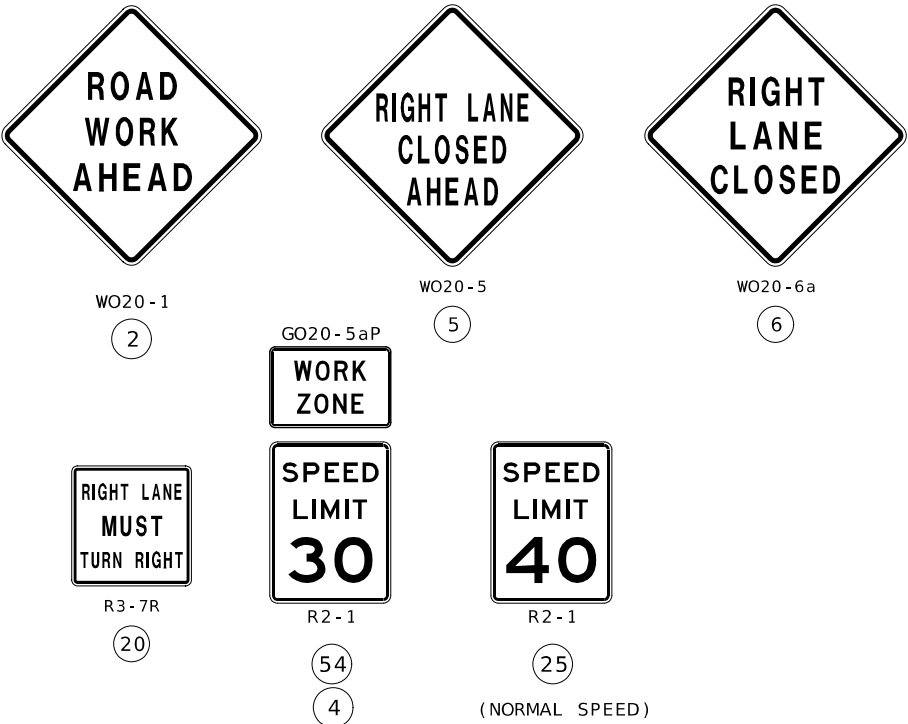
TRAFFIC CONTROL  
SHEET 3 OF 9





| SPEED                  | SIGN SPACING (FT)      |                                     | TAPER LENGTH (FT) |               | OPTIONAL               | CHANNELIZER SPACING (FT) |                     |
|------------------------|------------------------|-------------------------------------|-------------------|---------------|------------------------|--------------------------|---------------------|
| PERMANENT POSTED (MPH) | UNDIVIDED HIGHWAYS (S) | DIVIDED HIGHWAYS (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<br>SB - 1500<br>SC - 2640 | 235               | 840           | 840                    | 60                       | 120                 |

- NOTES:
- (1) SHOULDER TAPER LENGTH BASED ON 10 FT. (STANDARD SHOULDER WIDTH) OFFSET.  
(2) LANE TAPER LENGTH BASED ON 12 FT. (STANDARD LANE WIDTH) OFFSET.
- FOR SIGNALIZED INTERSECTIONS, ADJUSTMENTS MAY NEED TO BE MADE TO SIGNAL PHASING, TIMING, INDICATIONS OR DETECTOR SETTINGS.
- REMOVE AND/OR MODIFY EXISTING PAVEMENT MARKING AS NEEDED.
- PAVEMENT MARKING AND BARRICADES OPTIONAL FOR SHORT TERM OPERATIONS.
- TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
- FOR SHORT TERM OPERATION, WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, A 10-FEET DEVICE SPACING IS USED WHERE TRAFFIC IS GUIDED ACROSS DOUBLE YELLOW LINES OR OTHER CONFLICTING PAVEMENT MARKING. ALL OTHER SPACINGS ARE ONE-HALF OF THE SPACING.
- (3) RIGHT LANE CLOSED AHEAD SIGN MAY BE OMITTED IN LOW SPEED URBAN AREAS WHERE THERE IS NOT SUFFICIENT SPACE FOR THE FULL SIGN SERIES.
- (4) TYPICAL APPLICATION ONLY APPLIES WHERE A SIGNIFICANT PERCENTAGE OF THE APPROACH TRAFFIC TURNS RIGHT.
- (5) TEMPORARY ISLAND MAY BE USED TO EMPHASIZE THE MANDATORY RIGHT TURN MOVEMENT WHERE THERE IS A SUFFICIENT RIGHT TURN RADIUS.



RIGHT LANE CLOSURE AT INTERSECTION

NOT TO SCALE

STATE OF MISSOURI  
CRAIG ALAN SWITZER  
NUMBER  
PE-2003015045  
PROFESSIONAL ENGINEER

CRAIG ALAN SWITZER - CIVIL  
MO-PE-2003015045

DATE PREPARED  
4/17/2024

ROUTE  
43, TT, 49

DISTRICT  
SW

COUNTY  
NEWTON / JASPER

JOB NO.  
JSR0092

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

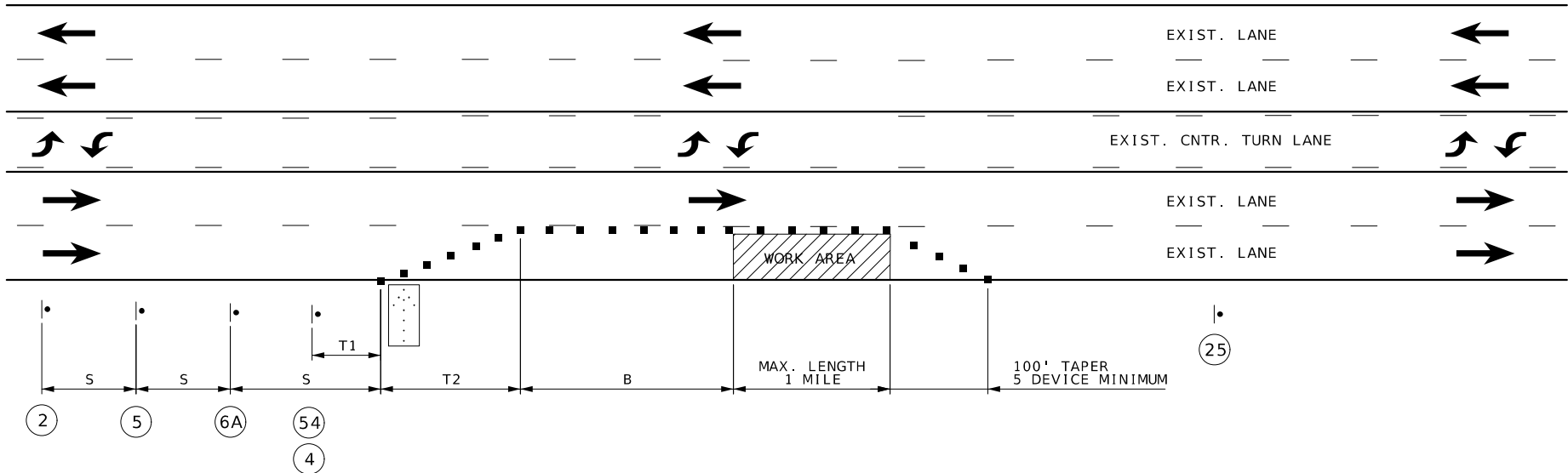
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

OUTSIDE LANE CLOSURE



| SPEED | SIGN SPACING<br>(FT) | TAPER LENGTH<br>(FT) |                  | OPTIONAL<br><br>BUFFER<br>LENGTH (FT)<br>(B) | CHANNELIZER<br>SPACING (FT) |                       |
|-------|----------------------|----------------------|------------------|----------------------------------------------|-----------------------------|-----------------------|
|       |                      | SHOULDER (1)<br>(T1) | LANE (2)<br>(T2) |                                              | TAPERS                      | BUFFER/<br>WORK AREAS |
| 0-35  | 200                  | 70                   | 245              | 280                                          | 35                          | 40                    |
| 40-45 | 350                  | 150                  | 540              | 400                                          | 40                          | 80                    |
| 50-55 | 500                  | 185                  | 660              | 560                                          | 50                          | 80                    |
| 60-70 | 1000                 | 235                  | 840              | 840                                          | 60                          | 120                   |

NOTES:

(1) SHOULDER TAPER LENGTH BASED ON 10 FT. (STANDARD SHOULDER WIDTH) OFFSET.  
(2) LANE TAPER LENGTH BASED ON 12 FT. (STANDARD LANE WIDTH) OFFSET.

SEE BEGIN/END OF PROJECT SIGNING SHEET FOR ADDITIONAL SIGNS.

IN TAPER SECTIONS, QUANTITY OF CHANNELIZERS IS DOUBLED WHEN COMPARED TO MAXIMUM CHANNELIZER SPACING IN CHART.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURE, NO DIRECT PAY.

NO DIRECT PAYMENT WILL BE MADE FOR RELOCATION OF CHANNELIZERS, SIGNS, AND FLASHING ARROW PANEL.

FOR SHORT TERM OPERATIONS WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, DEVICE SPACING IS ONE-HALF SPACING SHOWN IN TABLE.

SPEED LIMIT SIGNS INDICATING NORMAL SPEED LIMIT SHALL BE INSTALLED AT END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.

ALL SIGNS, EXCEPT "RATE OUR WORK ZONE", "NO PHONE ZONE", AND "POINT OF PRESENCE", SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS. SEE JOB SPECIAL PROVISIONS.

WORK WILL REQUIRE LANE CLOSURES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

LAYOUT IS TYPICAL FOR EITHER DIRECTION.

SEE STANDARD DRAWING 616.10 FOR ADDITIONAL DETAILS.



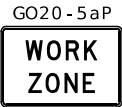
WO20-1  
2



WO20-5  
5



WO4-1aL  
6A

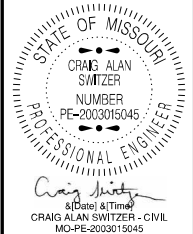


R2-1  
54  
4



R2-1  
25  
(NORMAL SPEED)

NOT TO SCALE



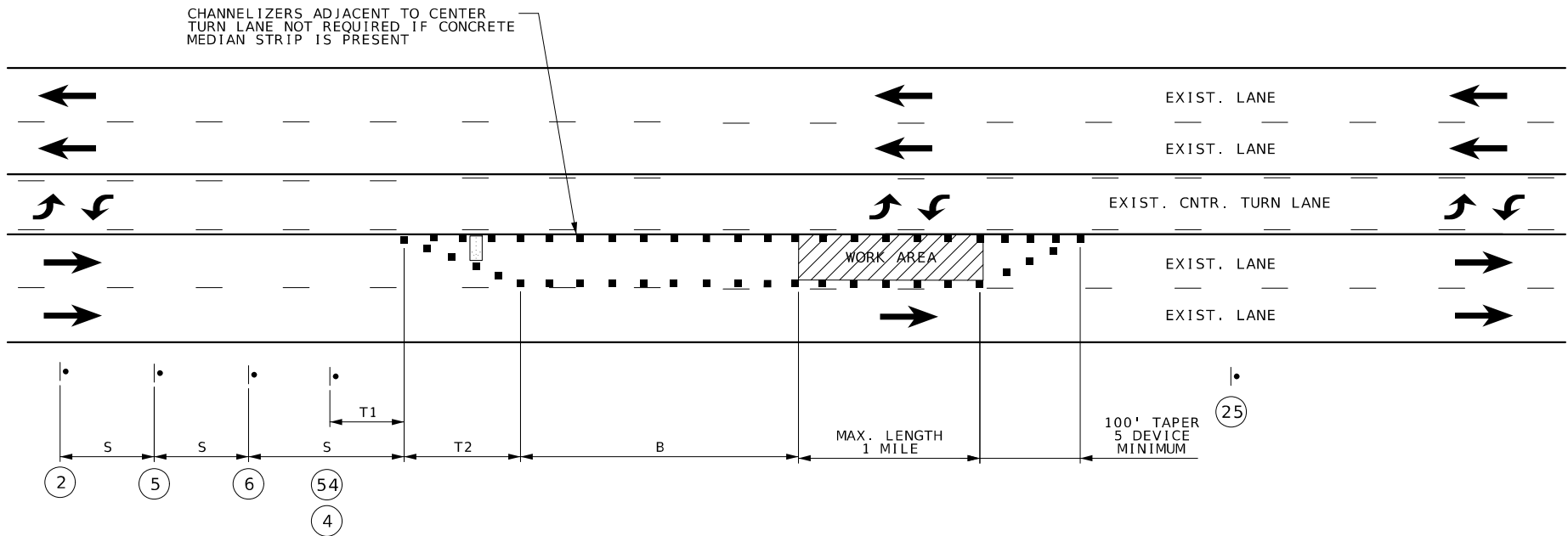
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| DATE PREPARED<br>4/17/2024 |                 |
| ROUTE<br>43, TT, 49        | STATE<br>MO     |
| DISTRICT<br>SW             | SHEET NO.<br>15 |
| COUNTY<br>NEWTON / JASPER  |                 |
| JOB NO.<br>JSR0092         |                 |
| CONTRACT 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)

PASSING LANE CLOSURE



| SPEED                  | SIGN SPACING (FT)      | TAPER LENGTH (FT) |               | OPTIONAL               | CHANNELIZER SPACING (FT) |                    |
|------------------------|------------------------|-------------------|---------------|------------------------|--------------------------|--------------------|
| PERMANENT POSTED (MPH) | UNDIVIDED HIGHWAYS (S) | SHOULDER (1) (T1) | LANE (2) (T2) | BUFFER LENGTH (FT) (B) | TAPERS                   | BUFFER/ WORK AREAS |
| 0-35                   | 200                    | 70                | 245           | 280                    | 35                       | 40                 |
| 40-45                  | 350                    | 150               | 540           | 400                    | 40                       | 80                 |
| 50-55                  | 500                    | 185               | 660           | 560                    | 50                       | 80                 |
| 60-70                  | 1000                   | 235               | 840           | 840                    | 60                       | 120                |

NOTES:

(1) SHOULDER TAPER LENGTH BASED ON 10 FT. (STANDARD SHOULDER WIDTH) OFFSET.  
(2) LANE TAPER LENGTH BASED ON 12 FT. (STANDARD LANE WIDTH) OFFSET.

SEE BEGIN/END OF PROJECT SIGNING SHEET FOR ADDITIONAL SIGNS.

IN TAPER SECTIONS, QUANTITY OF CHANNELIZERS IS DOUBLED WHEN COMPARED TO MAXIMUM CHANNELIZER SPACING IN CHART.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURE, NO DIRECT PAY.

NO DIRECT PAYMENT WILL BE MADE FOR RELOCATION OF CHANNELIZERS, SIGNS, AND FLASHING ARROW PANEL.

FOR SHORT TERM OPERATIONS WHERE IT IS NOT FEASIBLE TO MODIFY PAVEMENT MARKING, DEVICE SPACING IS ONE-HALF SPACING SHOWN IN TABLE.

SPEED LIMIT SIGNS INDICATING NORMAL SPEED LIMIT SHALL BE INSTALLED AT END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.

ALL SIGNS, EXCEPT "RATE OUR WORK ZONE", "NO PHONE ZONE", AND "POINT OF PRESENCE", SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS. SEE JOB SPECIAL PROVISIONS.

WORK WILL REQUIRE LANE CLOSURES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

LAYOUT IS TYPICAL FOR EITHER DIRECTION.

SEE STANDARD DRAWING 616.10 FOR ADDITIONAL DETAILS.



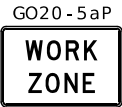
WO20-1  
2



WO20-5  
5



WO20-6a  
6

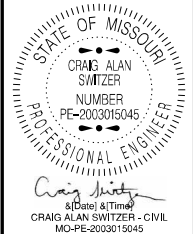


R2-1  
54  
4



R2-1  
25  
(NORMAL SPEED)

NOT TO SCALE



DATE PREPARED  
4/17/2024

ROUTE  
43, TT, 49

STATE  
MO

DISTRICT  
SW

SHEET NO.  
16

COUNTY  
NEWTON / JASPER

JOB NO.  
JSR0092

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

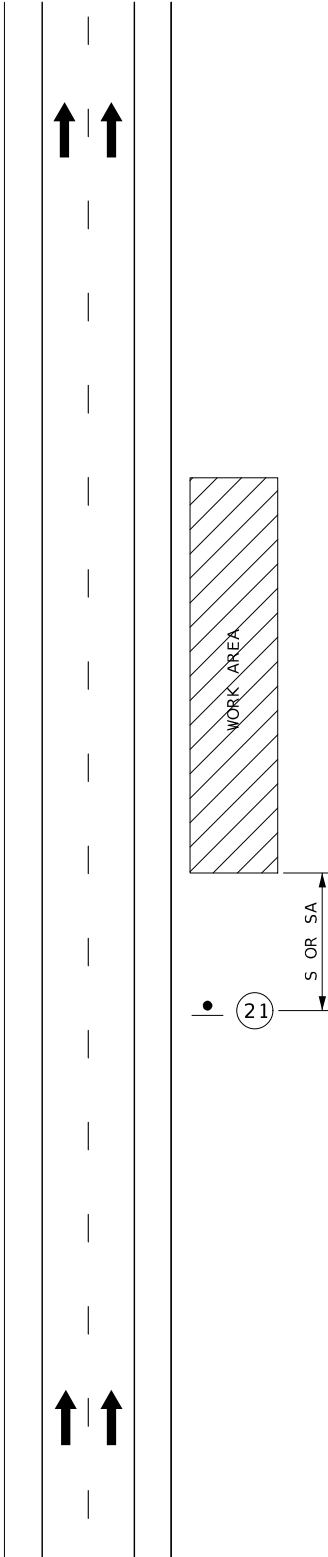
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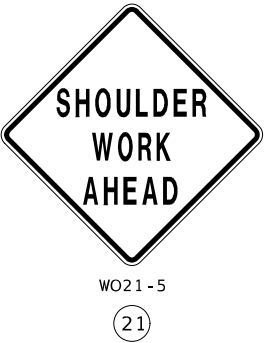


WORK BEYOND THE SHOULDER  
(DIVIDED HIGHWAY)

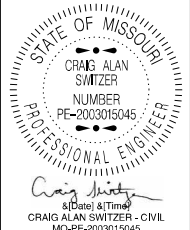


| SPEED                        | SIGN SPACING<br>(FT) (1)            |
|------------------------------|-------------------------------------|
| PERMANENT<br>POSTED<br>(MPH) | DIVIDED<br>HIGHWAYS<br>(S)          |
| 0-35                         | 200                                 |
| 40-45                        | 500                                 |
| 50-55                        | 1000                                |
| 60-70                        | SA - 1000<br>SB - 1500<br>SC - 2640 |

SPACING NOTES:  
(1) SPACING BETWEEN SIGNS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS, AS APPROVED BY ENGINEER.



NOT TO SCALE

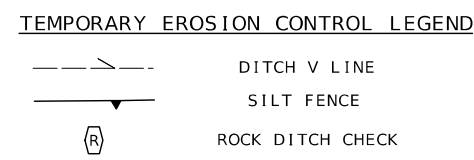


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|----------------------------|-----------------|
| DATE PREPARED<br>4/17/2024 |                 |
| ROUTE<br>43, TT, 49        | STATE<br>MO     |
| DISTRICT<br>SW             | SHEET NO.<br>19 |
| COUNTY<br>NEWTON/ JASPER   |                 |
| JOB NO.<br>JSR0092         |                 |
| CONTRACT ID.               |                 |
| PROJECT NO.                |                 |
| BRIDGE NO.                 |                 |

| DATE | DESCRIPTION |
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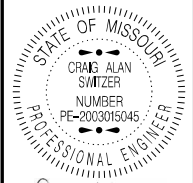
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



EROSION CONTROL SHEET  
SHEET 1 OF 1

| MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION                                                                                                                                                             |  | DATE | DESCRIPTION |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------|-------------|
|  <p style="text-align: center;">105 WEST CAPITOL<br/>JEFFERSON CITY, MO 65102<br/>1-888-ASK-MODOT (1-888-275-6636)</p> |  |      |             |
|                                                                                                                                                                                                             |  |      |             |
|                                                                                                                                                                                                             |  |      |             |
|                                                                                                                                                                                                             |  |      |             |
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|                                                                                                                                                                                                             |  |      |             |
|                                                                                                                                                                                                             |  |      |             |



DATE PREPARED  
4/17/2024

ROUTE  
43, TT, 49

STATE  
MO

DISTRICT  
SW

SHEET NO.  
21

COUNTY  
NEWTON/JASPER

JOB NO.  
JSR0092

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

STATE OF MISSOURI

CRAIG ALAN SWITZER

NUMBER  
PE-2003015045

PROFESSIONAL ENGINEER

DATE PREPARED  
4/17/2024

ROUTE  
43, TT, 49

STATE  
MO

DISTRICT  
SW

SHEET NO.  
21

COUNTY  
NEWTON/JASPER

JOB NO.  
JSR0092

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

STATE OF MISSOURI

CRAIG ALAN SWITZER

NUMBER  
PE-2003015045

PROFESSIONAL ENGINEER

DATE PREPARED  
4/17/2024

ROUTE  
43, TT, 49

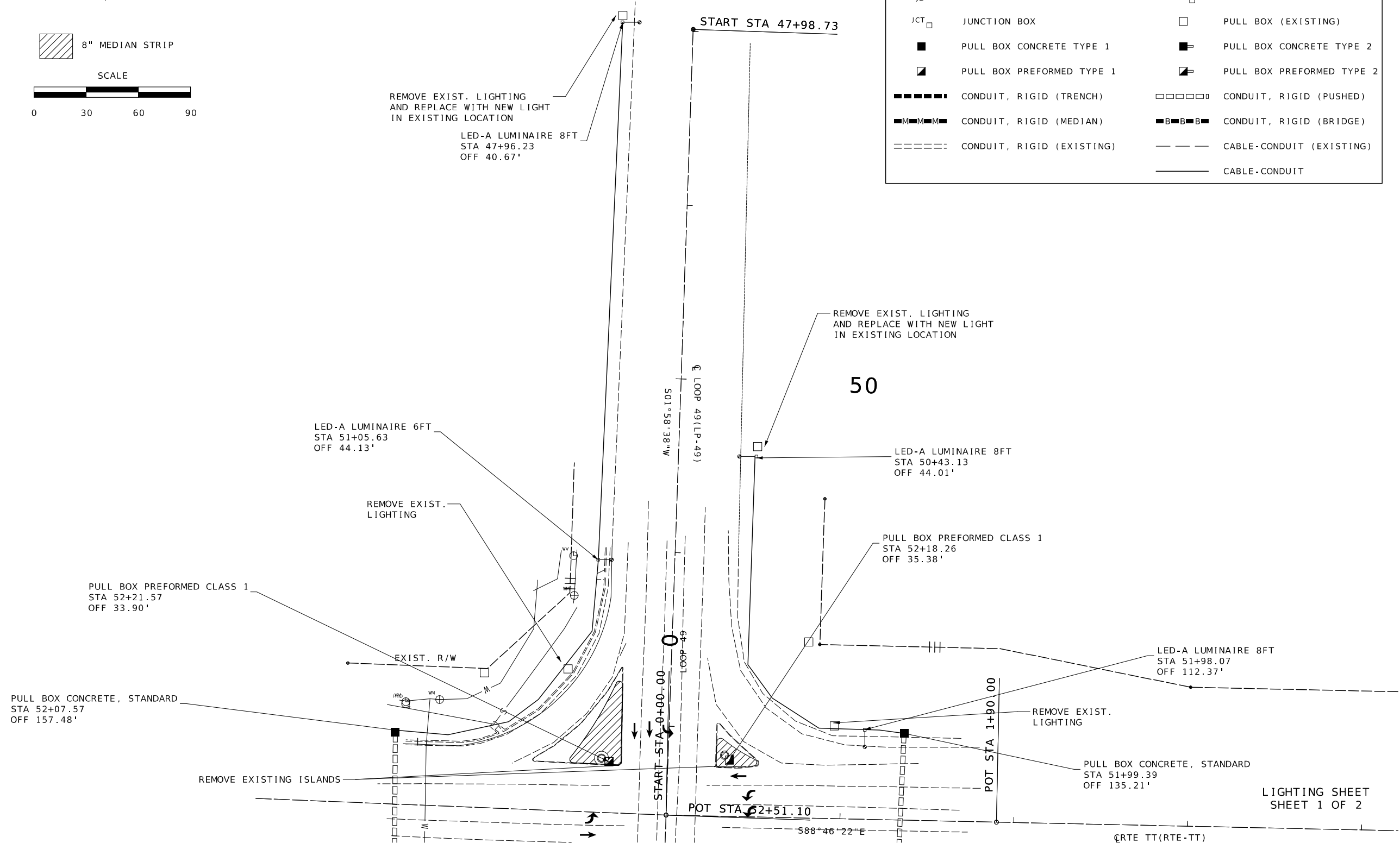
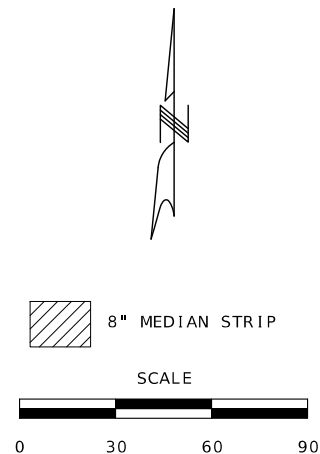
STATE  
MO

DISTRICT  
SW

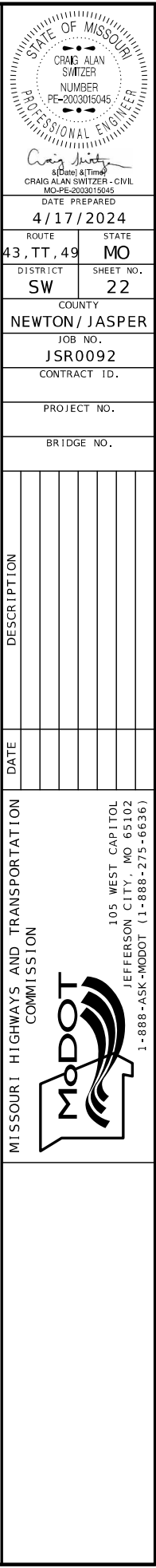
SHEET NO.  
21

## LIGHTING LEGEND

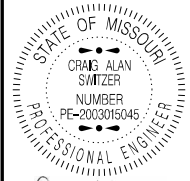
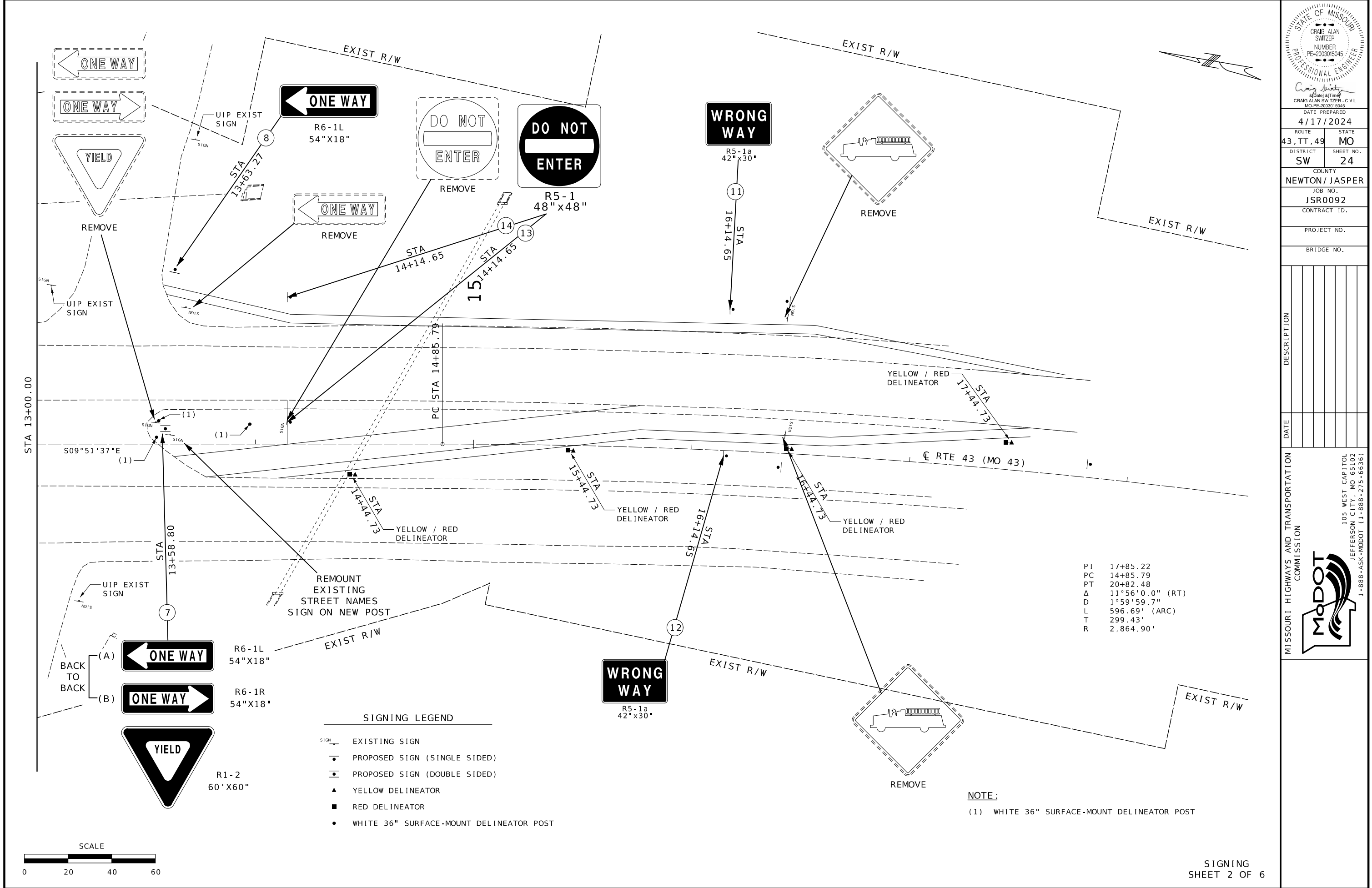
|  |                                 |  |                           |
|--|---------------------------------|--|---------------------------|
|  | CONTROLLER, LIGHTING            |  | LED-A LUMINAIRE           |
|  | CONTROLLER, LIGHTING (EXISTING) |  | LED-B LUMINAIRE           |
|  | WOOD POST                       |  | LED-C LUMINAIRE           |
|  | POWER SUPPLY                    |  | POWER SOURCE              |
|  | JUNCTION BOX                    |  | PULL BOX (EXISTING)       |
|  | PULL BOX CONCRETE TYPE 1        |  | PULL BOX CONCRETE TYPE 2  |
|  | PULL BOX PREFORMED TYPE 1       |  | PULL BOX PREFORMED TYPE 2 |
|  | CONDUIT, RIGID (TRENCH)         |  | CONDUIT, RIGID (PUSHED)   |
|  | CONDUIT, RIGID (MEDIAN)         |  | CONDUIT, RIGID (BRIDGE)   |
|  | CONDUIT, RIGID (EXISTING)       |  | CABLE-CONDUIT (EXISTING)  |
|  |                                 |  | CABLE-CONDUIT             |



LIGHTING SHEET  
SHEET 1 OF 2

[illegible][illegible]





DATE PREPARED  
4/17/2024

ROUTE  
43, TT, 49

STATE  
MO

DISTRICT  
SW

SHEET NO.  
24

COUNTY  
NEWTON / JASPER

JOB NO.  
JSR0092

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

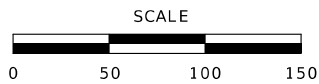
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MODOT

PI 17+85.22  
PC 14+85.79  
PT 20+82.48  
Δ 11°56'0.0" (RT)  
D 1°59'59.7"  
L 596.69' (ARC)  
T 299.43'  
R 2,864.90'

NOTE:  
(1) WHITE 36" SURFACE-MOUNT DELINEATOR POST

[illegible]



DATE PREPARED

| ROUTE | STATE |
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| DISTRICT | SHEET NO. |
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JOB NO.

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| CONTRACT ID. |
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| PROJECT NO. |
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BRIDGE NO.

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10. *Journal of the American Medical Association*, 2000; 284: 2561-2566.

10. *Journal of the American Medical Association*, 2000; 284: 2561-2566.

10. *Journal of the American Medical Association*, 2000; 284: 2561-2566.

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10. *Journal of the American Medical Association*, 2000; 284: 1039-1044.

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10. *Journal of the American Medical Association*, 2000; 284: 1039-1044.

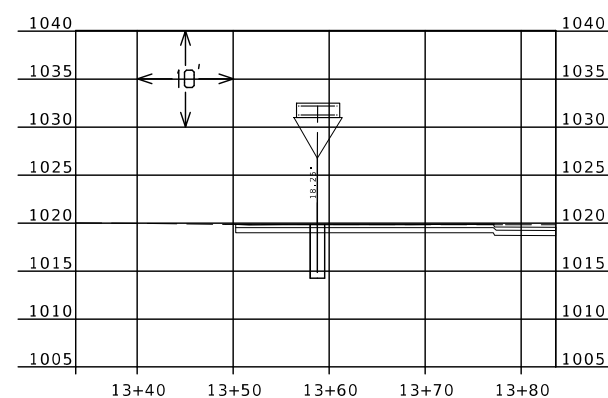
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10. *Journal of the American Medical Association*, 2000; 284: 2561-2566.

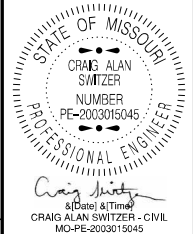
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10. *Journal of the American Medical Association*, 2000; 284: 2561-2566.

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PAVEMENT MARKING LEGEND  
SW - SOLID WHITE  
SY - SOLID YELLOW  
IW - INTERMITTENT WHITE



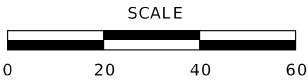
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| DATE PREPARED<br>4/17/2024 |                 |
| ROUTE<br>43, TT, 49        | STATE<br>MO     |
| DISTRICT<br>SW             | SHEET NO.<br>29 |
| COUNTY<br>NEWTON / JASPER  |                 |
| JOB NO.<br>JSR0092         |                 |
| CONTRACT ID.               |                 |
| PROJECT NO.                |                 |
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

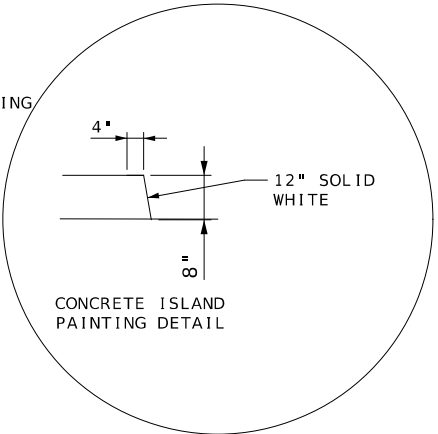
**MoDOT**

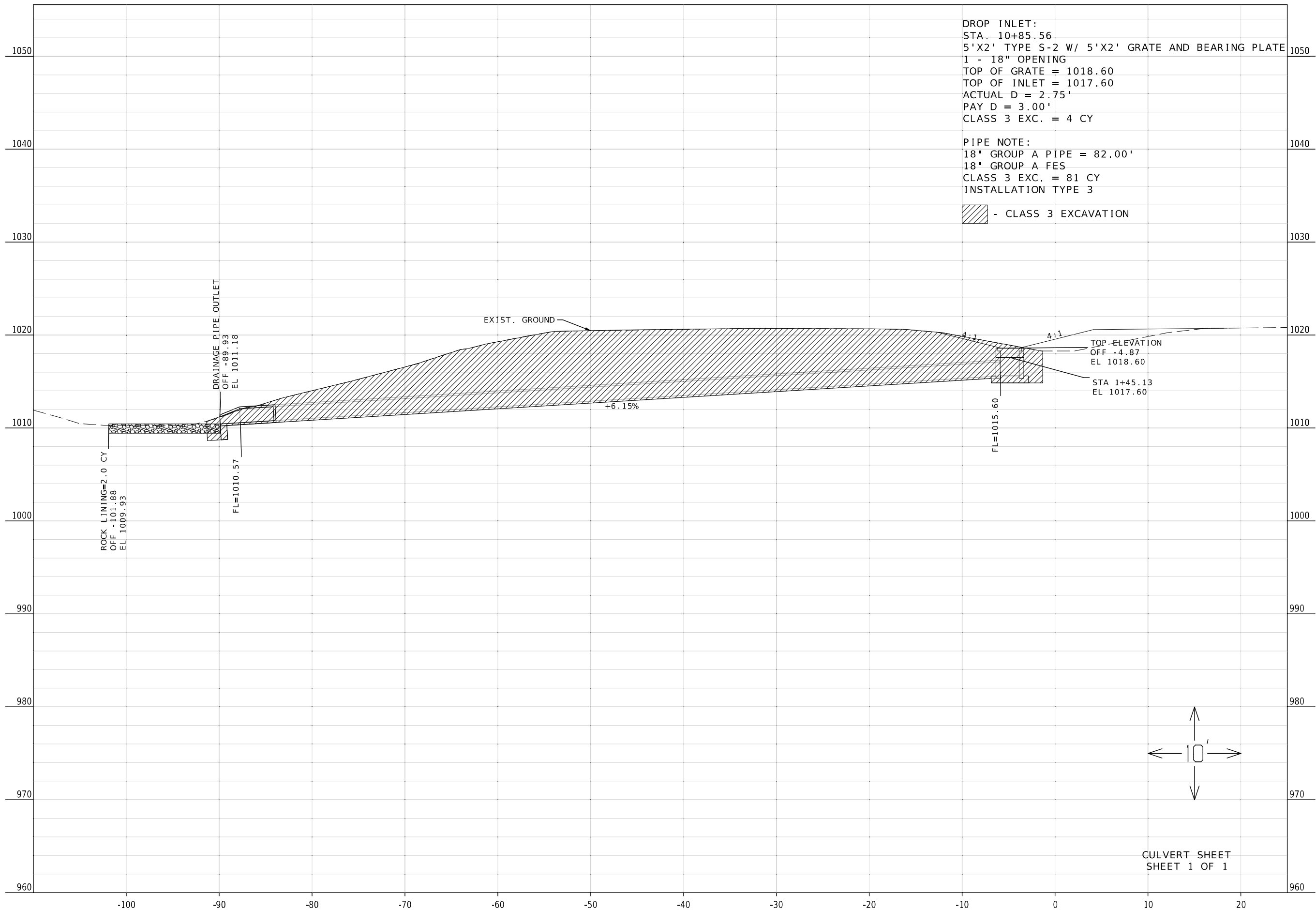
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)



NOTE:  
THE PAVEMENT MARKING LAYOUT AND EXACT LOCATIONS MAY BE ADJUSTED  
TO MEET FIELD CONDITIONS AS APPROVED BY THE ENGINEER.  
PAVEMENT MARKING SHALL BE IN ACCORDANCE WITH STANDARD PLAN 620.00.







CRAIG ALAN SWITZER  
CRAIG ALAN SWITZER, CIVIL  
MO PE 2003015045

DATE PREPARED  
4/17/2024

ROUTE STATE  
43, TT, 49 MO

DISTRICT SHEET NO.  
SW 32

COUNTY  
NEWTON/JASPER

JOB NO.  
JSR0092

CONTRACT ID.

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