

DESIGN DESIGNATION

A.A.D.T. - 2025 = 6045
 A.A.D.T. - 2045 = 7126
 D.H.V. = 10%
 T = 8%
 V = 35 M.P.H.
 D = 50%

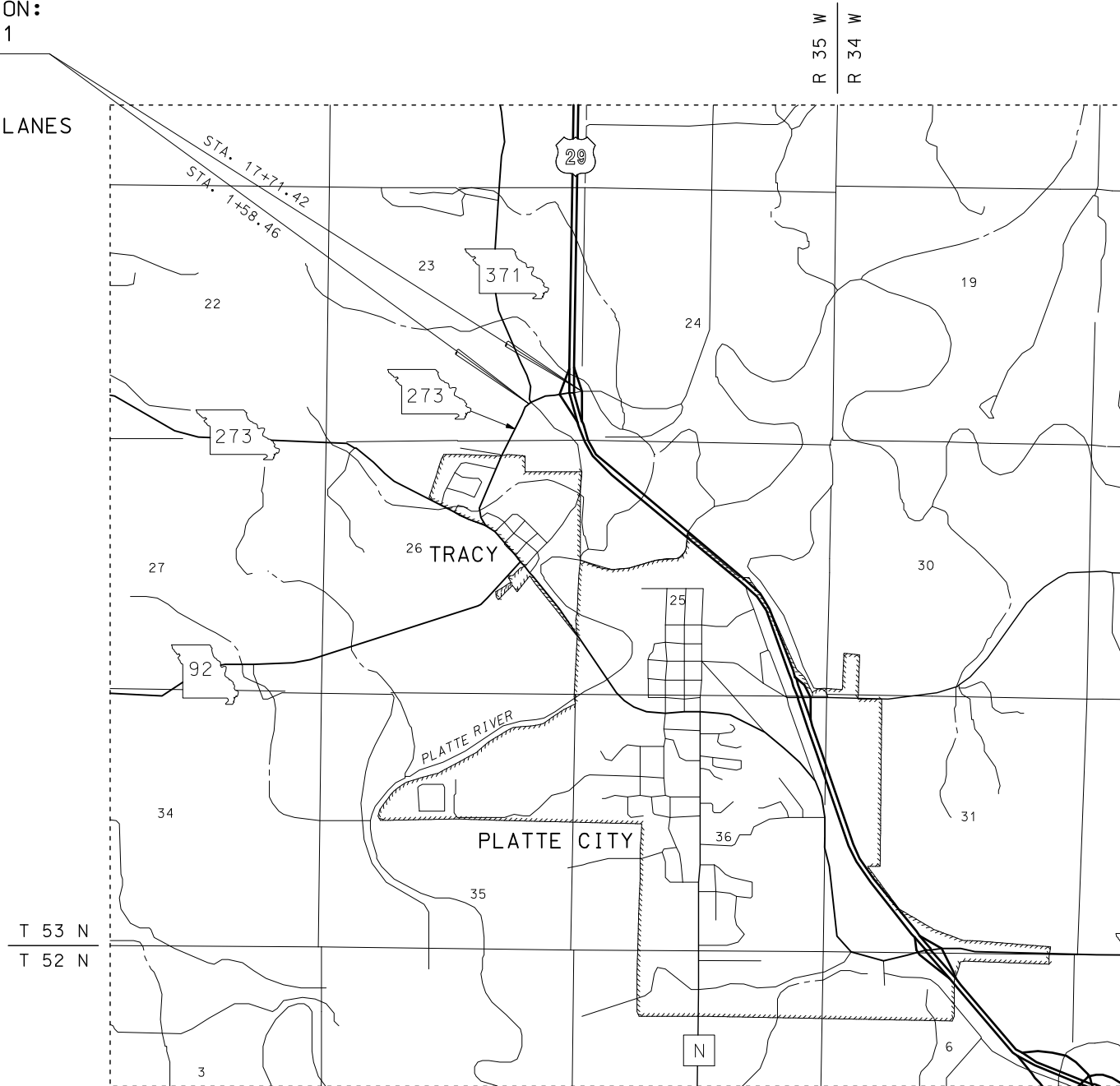
FUNCTIONAL CLASSIFICATION - MINOR ARTERIAL

NORMAL RIGHT OF WAY ACQUISITION

**MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 PLANS FOR PROPOSED
 STATE HIGHWAY
 PLATTE COUNTY**

PROJECT LOCATION:
 MO 273 @ MO 371

PROJECT DESCRIPTION:
 SIGNALS, TURN LANES
 AND LIGHTING



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.

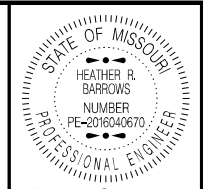
**CONVENTIONAL SYMBOLS
 (USED IN PLANS)**

| | EXISTING | NEW |
|------------------------------|----------|----------|
| BUILDINGS AND STRUCTURES | [Symbol] | [Symbol] |
| GUARD RAIL | [Symbol] | [Symbol] |
| GUARD CABLE | [Symbol] | [Symbol] |
| CONCRETE RIGHT-OF-WAY MARKER | [Symbol] | [Symbol] |
| STEEL RIGHT-OF-WAY MARKER | [Symbol] | [Symbol] |
| LOCATION SURVEY MARKER | [Symbol] | [Symbol] |
| 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 | [Symbol] | [Symbol] |
| FIRE HYDRANT | [Symbol] | [Symbol] |
| WATER VALVE | [Symbol] | [Symbol] |
| WATER METER | [Symbol] | [Symbol] |
| DROP INLET | [Symbol] | [Symbol] |
| DITCH BLOCK | [Symbol] | [Symbol] |
| GROUND MOUNTED SIGN | [Symbol] | [Symbol] |
| LIGHT POLE | [Symbol] | [Symbol] |
| H-FRAME POWER POLE | [Symbol] | [Symbol] |
| TELEPHONE PEDESTAL | [Symbol] | [Symbol] |
| FENCE | | |
| CHAIN LINK | [Symbol] | [Symbol] |
| WOVEN WIRE | [Symbol] | [Symbol] |
| GATE POST | [Symbol] | [Symbol] |
| BENCHMARK | [Symbol] | [Symbol] |

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

INDEX OF SHEETS

| DESCRIPTION | SHEET NUMBER |
|-------------------------------------|--------------|
| TITLE SHEET ----- | 1 |
| TYPICAL SECTIONS (TS) (4 SHEETS)--- | 2 |
| QUANTITIES (QU) (6 SHEETS)----- | 3 |
| PLAN-PROFILE (PP)----- | 4-6 |
| RIGHT OF WAY (RW)----- | 7 |
| REFERENCE POINTS (RP)----- | 8 |
| COORDINATE POINTS (CP)----- | 9-10 |
| SPECIAL SHEETS (SS)----- | 11-15 |
| TRAFFIC CONTROL SHEETS (TC)----- | 16-25 |
| EROSION CONTROL SHEETS (EC)----- | 26 |
| LIGHTING (LT)----- | 27 |
| SIGNALS (SG)----- | 28-32 |
| SIGNING (SN)----- | 33-41 |
| PAVEMENT MARKING (PM)----- | 42 |
| CULVERT SECTIONS (CS)----- | 43 |
| CROSS SECTIONS (XS)----- | 1-20 |



DATE PREPARED
 12/27/2024
 ROUTE 273 STATE MO
 DISTRICT KC SHEET NO. 1
 COUNTY PLATTE
 JOB NO. JKU0009
 CONTRACT ID.
 PROJECT NO.
 BRIDGE NO.

| DATE | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

LENGTH OF PROJECT

| | |
|----------------------|---------------|
| BEGINNING OF PROJECT | STA. 1+58.46 |
| END OF PROJECT | STA. 17+71.42 |
| APPARENT LENGTH | 1,612.96 FEET |

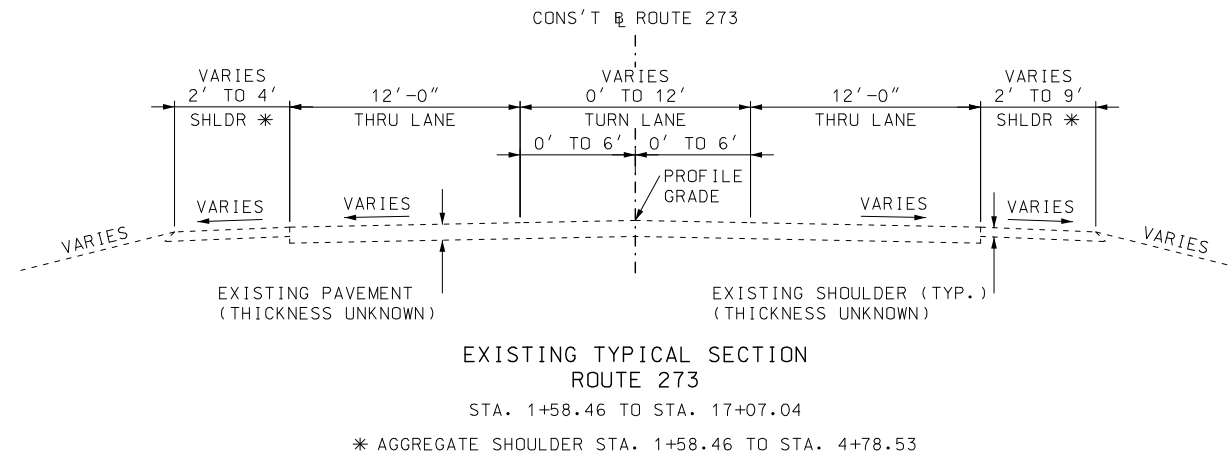
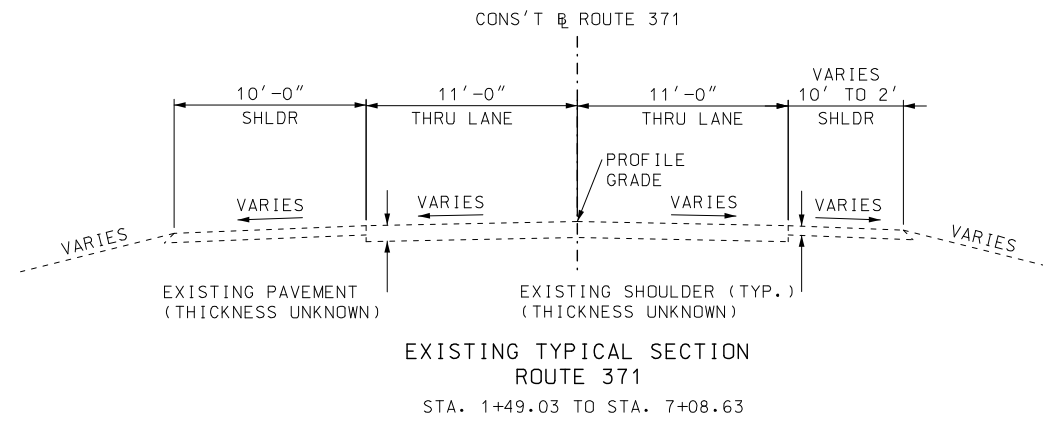
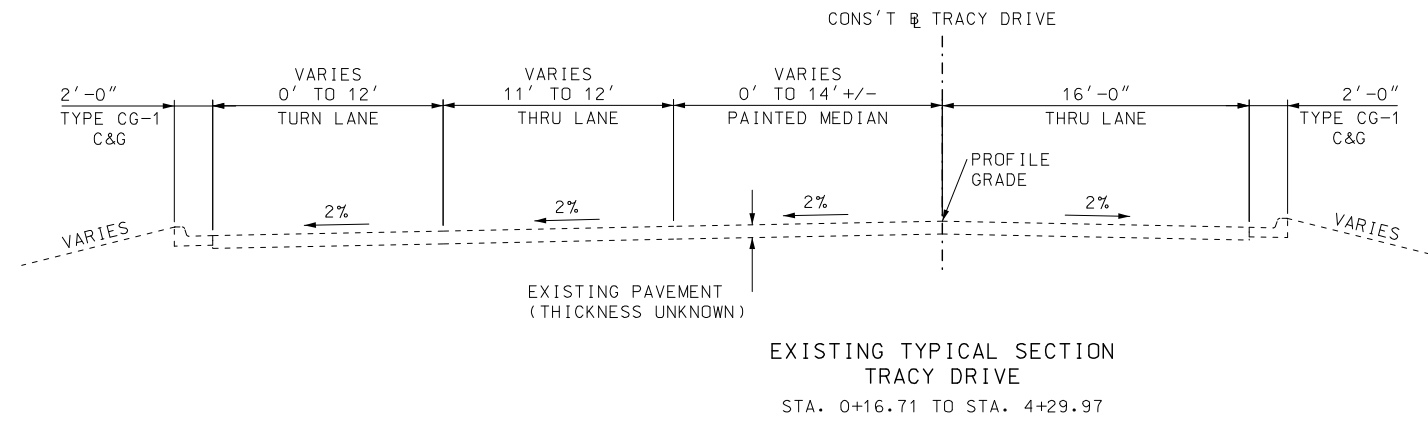
EQUATIONS AND EXCEPTIONS:

| | |
|-----------------------|---------------|
| TOTAL CORRECTIONS | 0.00 FEET |
| NET LENGTH OF PROJECT | 1,612.96 FEET |
| STATE LENGTH | 0.305 MILES |

FOR INFORMATION ONLY
 ESTIMATED DISTURBED ACRES 0.5 ACRES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



HEATHER R. BARROWS
12/27/2024 3:07:04 PM
HEATHER R. BARROWS - CIVIL
MO-PE-2016040670

DATE PREPARED
12/27/2024

| | |
|-----------------------|-----------------------|
| ROUTE 273 | STATE MO |
| DISTRICT KC | SHEET NO. 2 |

COUNTY
PLATTE

JOB NO.
JKU0009


CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

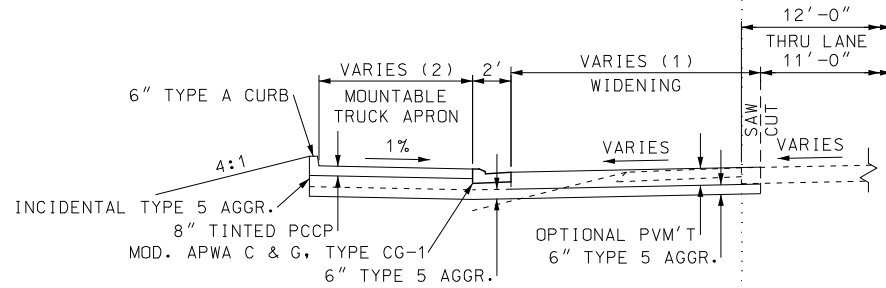
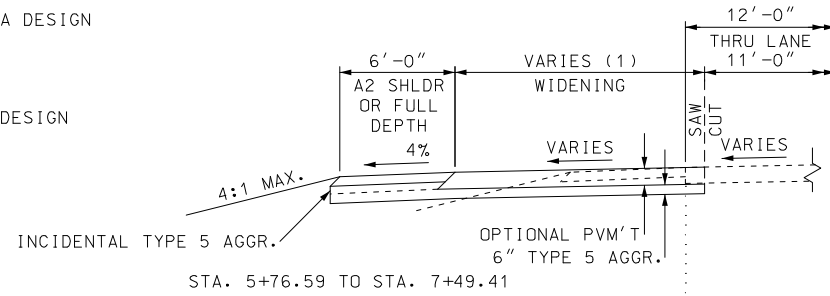
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



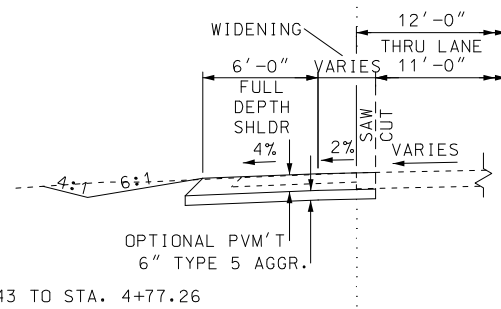
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

OPTIONAL PAVEMENT - 10.5" HMA DESIGN
 2" BP-1 W/ PG 64-22
 8.5" BP-1 W/ PG 64-22
 6" TYPE 5 AGGREGATE BASE

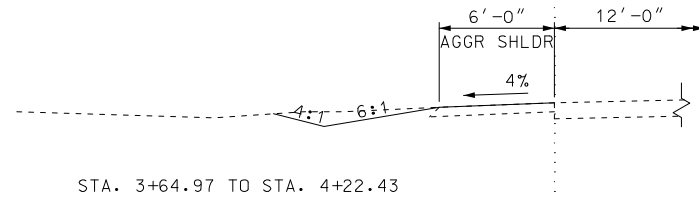
OPTIONAL PAVEMENT - 9" JPCP DESIGN
 9" JPCP W/ 15-FOOT JOINTS
 1-1/4" DOWEL BARS
 6" TYPE 5 AGGREGATE BASE



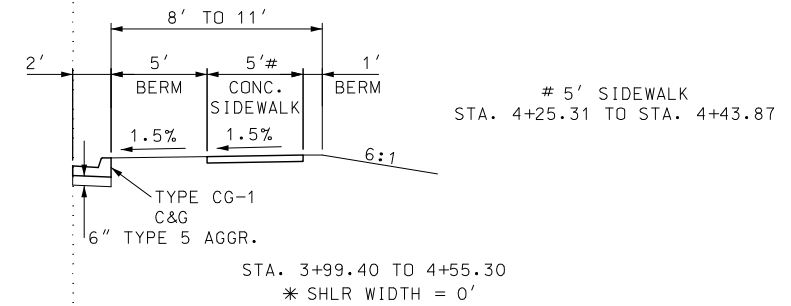
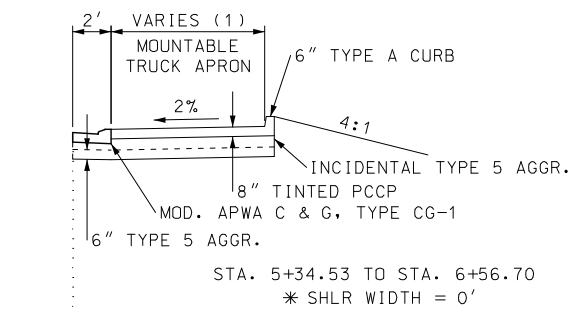
CONS'T RTE 371 STA. 4+94.91 TO STA. 5+77.35



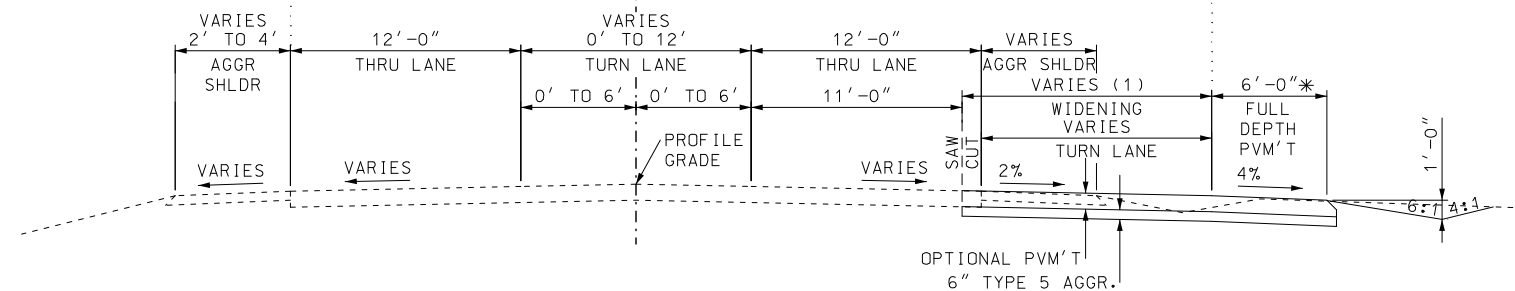
STA. 4+22.43 TO STA. 4+77.26



STA. 3+64.97 TO STA. 4+22.43



CONS'T ROUTE 273



TYPICAL SECTION ROUTE 273 STA. 1+58.46 TO STA. 7+64.61

NOTES:
 (1) MINIMUM WIDTH 2'
 (2) MINIMUM WIDTH 4'



HEATHER R. BARROWS
 NUMBER PE-2016040670
 PROFESSIONAL ENGINEER

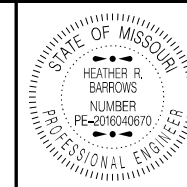
DATE PREPARED 12/27/2024
 ROUTE 273
 DISTRICT KC
 STATE MO
 SHEET NO. 2

COUNTY PLATTE
 JOB NO. JKU0009
 CONTRACT ID.
 PROJECT NO.
 BRIDGE NO.

| DATE | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION





HEATHER R. BARROWS
 NUMBER PE-2016040670
 PROFESSIONAL ENGINEER

DATE PREPARED 12/27/2024

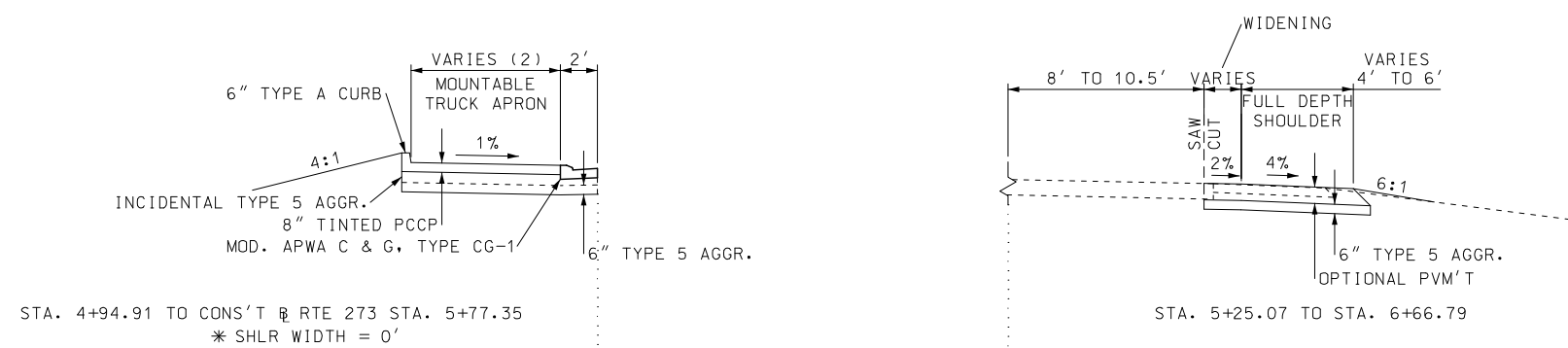
ROUTE 273 STATE MO

DISTRICT KC SHEET NO. 2

COUNTY PLATTE
 JOB NO. JKU0009
 CONTRACT ID.

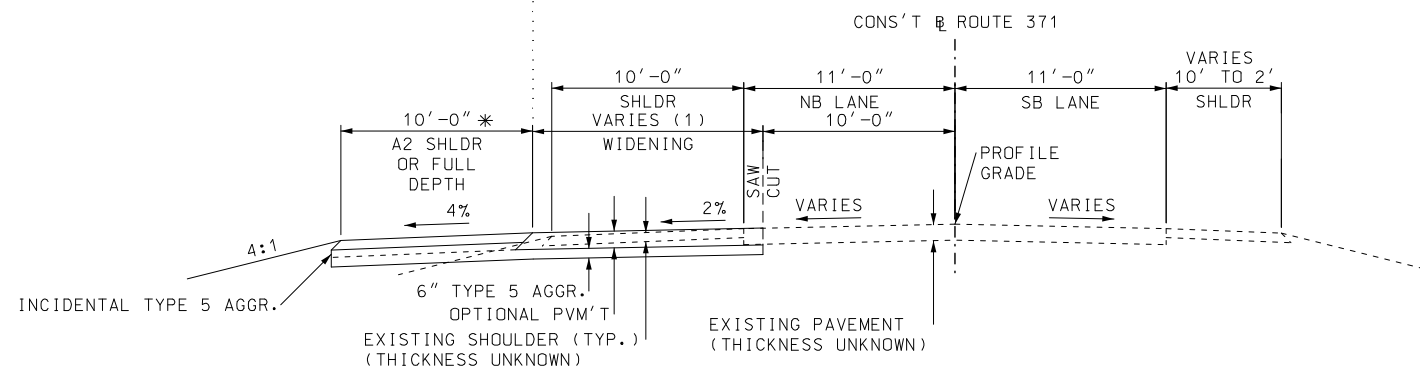
PROJECT NO.

BRIDGE NO.



STA. 4+94.91 TO CONS'T @ RTE 273 STA. 5+77.35
 * SHLR WIDTH = 0'

STA. 5+25.07 TO STA. 6+66.79



TYPICAL SECTION
 ROUTE 371
 STA. 1+49.03 TO STA. 7+07.32

NOTES:
 (1) MINIMUM WIDTH 2'
 (2) MINIMUM WIDTH 8'

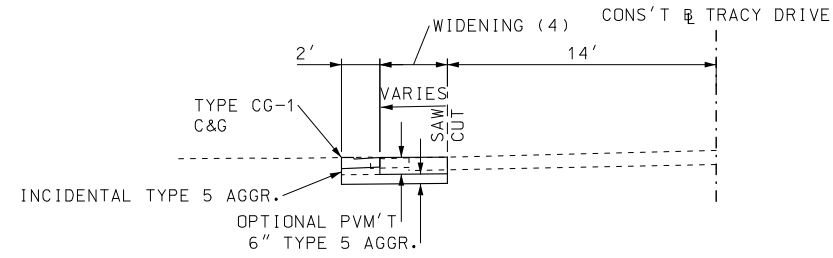
| DATE | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |
| | |
| | |
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

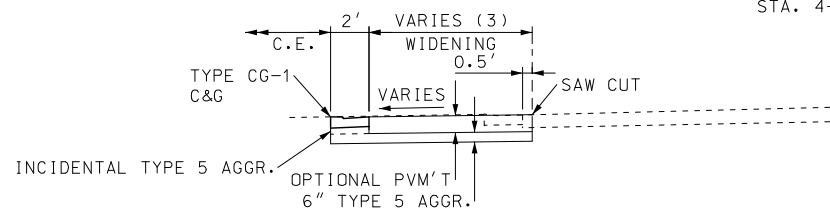


105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)

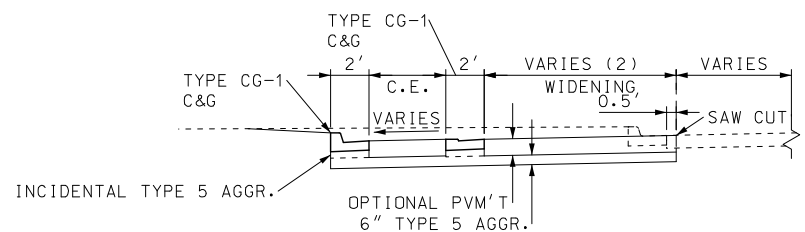
- NOTES:
(1) MINIMUM WIDTH 2'
(2) WIDTH = 1.14' TO 10.18'
(3) WIDTH = 10.18' TO 2.01'
(4) STA. 4+01.42 TO STA. 4+14.46
WIDTH = 3.51' TO 2.00'
STA. 4+14.46 TO STA. 4+29.97
WIDTH = 2.00'



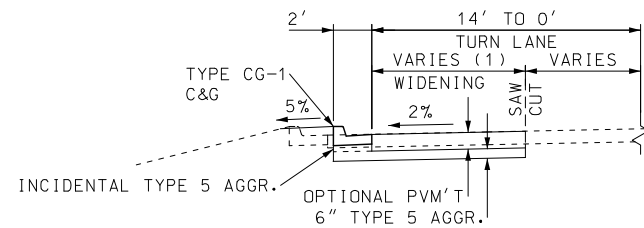
STA. 4+01.42 TO STA. 4+29.97



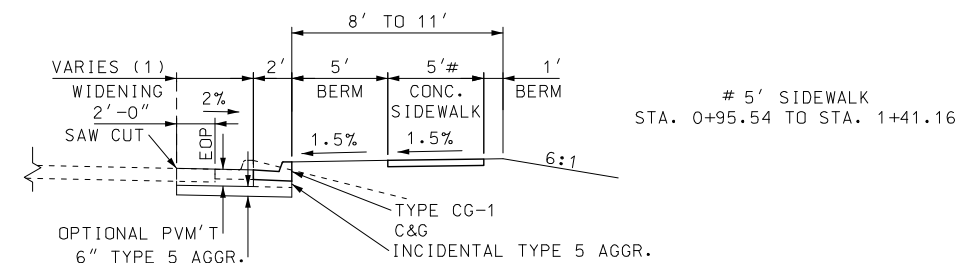
STA. 3+30.35 TO STA. 4+01.42



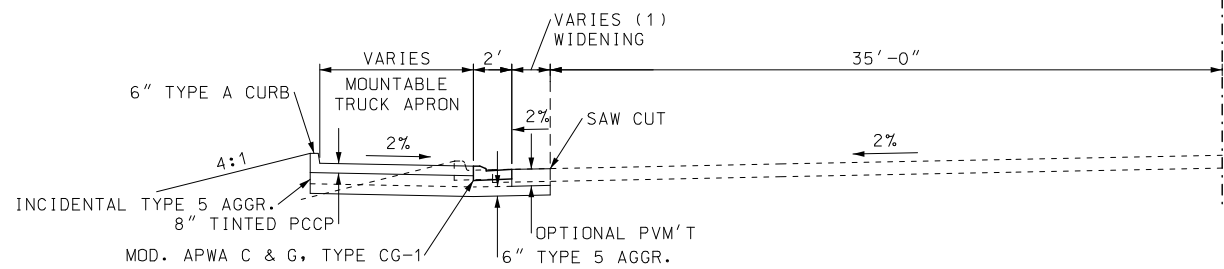
STA. 3+12.81 TO STA. 3+30.35



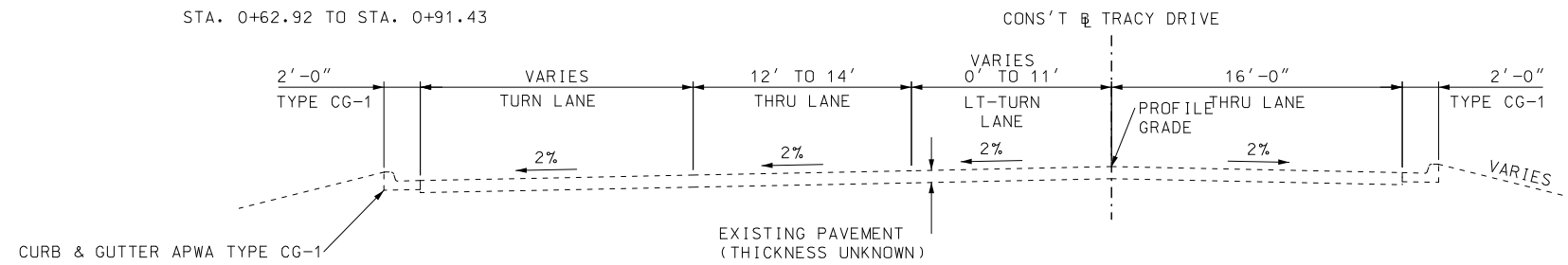
STA. 0+91.43 TO STA. 3+12.81



STA. 0+95.54 TO STA. 1+41.16



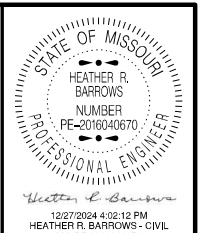
STA. 0+62.92 TO STA. 0+91.43



TYPICAL SECTION
TRACY DRIVE

STA. 0+16.71 TO STA. 4+29.97

TYPICAL SECTION
SHEET 4 OF 4



| | |
|-----------------------------|----------------|
| DATE PREPARED 12/27/2024 | |
| ROUTE 273 | STATE MO |
| DISTRICT KC | SHEET NO. 2 |
| COUNTY PLATTE | |
| JOB NO. JKU0009 | |
| CONTRACT ID. | |
| PROJECT NO. | |
| BRIDGE NO. | |

| DATE | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

| REMOVAL OF IMPROVEMENTS | | | | | | | | | | |
|-------------------------|---------------|-------------|----------|--------------------|------------|---------------|------|------------|--------------------------|--|
| SHEET NO. | BEGIN STATION | END STATION | LOG MILE | LOCATION | SIDE | DESCRIPTION | UNIT | QUANTITY | REMARKS | |
| 4 | 1+58.46 | 4+71.32 | | RTE 273 | SB | SAWCUT | FT | 309 | | |
| 4 | 1+58.46 | 4+71.32 | | RTE 273 | SB | PAVEMENT | SY | 58 | | |
| 4 | 3+59.07 | 4+42.37 | | RTE 273 | SB | FENCE | LF | 176 | PARCEL 1 - TOWNSEND | |
| 4 | 4+22.96 | 4+61.72 | | RTE 273 | SB | CURB & GUTTER | FT | 145 | SB RTE 273 & SB TRACY DR | |
| 4 | 5+70.86 | 7+64.61 | | RTE 273 | SB | SAWCUT | FT | 206 | | |
| 4 | 5+70.86 | 7+64.61 | | RTE 273 | SB | PAVEMENT | SY | 144 | | |
| 4 | 4+22.43 | 4+63.93 | | RTE 273 | NB | SAWCUT | LF | 47 | | |
| 4 | 4+22.43 | 4+63.93 | | RTE 273 | NB | PAVEMENT | SY | 31 | | |
| 4 | 5+12.25 | 7+49.41 | | RTE 273 | NB | SAWCUT | LF | 251 | | |
| 4 | 5+12.25 | 7+49.41 | | RTE 273 | NB | PAVEMENT | SY | 196 | | |
| 4 | 5+25.07 | 6+95.00 | | RTE 371 | SB | SAWCUT | LF | 186 | | |
| 4 | 5+25.07 | 6+95.00 | | RTE 371 | SB | PVM'T & SHLDR | SY | 155 | | |
| 4,5 | 1+49.03 | 7+07.32 | | RTE 371 | NB | SAWCUT | LF | 558 | | |
| 4,5 | 1+49.03 | 7+07.32 | | RTE 371 | NB | PAVEMENT | SY | 699 | | |
| 4 | 0+36.59 | 3+32.11 | | TRACY DR | NB | CURB & GUTTER | LF | 413 | NB TRACY DR & SB RTE 273 | |
| 4 | 2+98.00 | | | TRACY DR | NB | DROP INLET | EACH | 1 | | |
| 4 | 0+20.23 | 4+29.97 | | TRACY DR | NB | SAWCUT | LF | 571 | | |
| 4 | 0+20.23 | 4+29.97 | | TRACY DR | NB | PAVEMENT | SY | 272 | | |
| 4 | 0+16.71 | 1+41.72 | | TRACY DR | SB | SAWCUT | FT | 124 | | |
| 4 | 0+16.71 | 1+41.72 | | TRACY DR | SB | PAVEMENT | SY | 52 | | |
| 4 | 1+41.16 | | | TRACY DR | SB | SAWCUT | LF | 5 | | |
| 4 | 0+66.97 | 1+41.16 | | TRACY DR | SB | SIDEWALK | SY | 41 | | |
| 33 | 105+04 | | | SURVEY CL RTE 273 | 25' RT | SIGN | EACH | 1 | STOP AHEAD | |
| 33 | 3+68 | | | CONS'T CL RTE 273 | 35' RT | SIGN | EACH | 4 | ROUTE ASSEMBLY | |
| 33 | 4+29 | | | CONS'T CL RTE 273 | 24' RT | SIGN | EACH | 2 | STOP & ALL WAY | |
| 33 | 4+44 | | | CONS'T CL RTE 273 | 32' RT | SIGN | EACH | 8 | ROUTE ASSEMBLY | |
| 33 | 5+50 | | | CONS'T CL RTE 273 | 49' RT | SIGN | EACH | 2 | YEILD & DO NOT ENTER | |
| 33 | 5+64 | | | CONS'T CL RTE 273 | 45' RT | SIGN | EACH | 2 | STOP & ALL WAY | |
| 33 | 5+65 | | | CONS'T CL RTE 273 | 39' RT | SIGN | EACH | 1 | STREET SIGN "TRACY DR" | |
| 33 | 6+19 | | | CONS'T CL RTE 273 | 33' RT | SIGN | EACH | 2 | RTE 273 & END | |
| 33 | 105+04 | | | SURVEY CL RTE 273 | 21' LT | SIGN | EACH | 1 | STOP AHEAD | |
| 33 | 4+31 | | | CONS'T CL RTE 273 | 35' LT | SIGN | EACH | 2 | STOP & ALL WAY | |
| 33 | 4+61 | | | CONS'T CL RTE 273 | 47' LT | SIGN | EACH | 2 | STOP & ALL WAY | |
| 33 | 5+59 | | | CONS'T CL RTE 273 | 36' LT | SIGN | EACH | 2 | STOP & ALL WAY | |
| 33 | | | 23.668 | SB RTE 371 | RT | SIGN | EACH | 1 | STOP AHEAD | |
| 33 | 5+67 | | | CONS'T CL RTE 371 | 31' LT | SIGN | EACH | 2 | RTE 371 & NORTH | |
| 33 | 0+39 | 0+60 | | CONS'T CL TRACY DR | 24'-33' LT | SIGN | EACH | 12 | DELINEATOR | |
| 33 | 0+48 | | | CONS'T CL TRACY DR | 26' LT | SIGN | EACH | 1 | STOP & ALL WAY | |
| 33 | 2+80 | | | CONS'T CL TRACY DR | 24' LT | SIGN | EACH | 1 | LANE CONTROL | |
| | | | | | | | | 1 LUMP SUM | | |

| EROSION & SEDIMENT CONTROL | | | | | | | | | | | | | | | |
|----------------------------|---------------|----------|-------------|---------|-----------|---------------------|--------------------|---------------------|---------------|------------------|------------|-------------------------|------|---------|-------------------------------|
| SHEET NO | BEGIN STATION | OFFSET | END STATION | OFFSET | LOCATION | TEMPORARY | | | | SEDIMENT REMOVAL | PERMANENT | | | REMARKS | |
| | | | | | | ROCK DITCH CHECK FT | ALT DITCH CHECK FT | CURB INLET CHECK EA | SILT FENCE FT | | AC | TYPE 1 ROCK DITCH LINER | | | EROSION CONTROL GEOTEXTILE SY |
| | | | | | | | | | | | FURNISHING | PLACING | | | |
| 26 | 1+47 | 41' RT | 4+33 | 148' RT | ROUTE 273 | | | | 334 | 3 | | | | | |
| 26 | 6+59 | 48' RT | 7+75 | 37' RT | ROUTE 273 | | | | 114 | 1 | | | | | |
| 26 | 3+53 | 42' LT | 5+38 | 207' LT | ROUTE 273 | | | | 290 | 3 | | | | | |
| 26 | 6+33 | 49' LT | 7+59 | 36' LT | ROUTE 273 | | | | 138 | 1 | | | | | |
| 26 | 6+47 | 54' RT | | | ROUTE 273 | 18 | | | | 1 | | | | | |
| 26 | 7+54 | 77' RT | | | ROUTE 273 | 18 | | | | 1 | | | | | |
| 26 | 8+66 | 69' RT | | | ROUTE 273 | 18 | | | | 1 | | | | | |
| 26 | 3+62 | 31' LT | | | ROUTE 273 | | 6 | | | 1 | | | | | |
| 26 | 4+34 | 30' LT | | | ROUTE 273 | | 6 | | | 1 | | | | | |
| 26 | 1+46 | 38' LT | 6+87 | 149' LT | ROUTE 371 | | | | 539 | 5 | | | | | |
| 26 | 0+51 | 125' LT | 3+21 | 67' LT | TRACY DR | | | | 338 | 3 | | | | | |
| 26 | 2+97 | 16' RT | | | TRACY DR | | | 1 | | 1 | | | | | |
| 4,43 | 0+93 | 38.5' LT | | | TRACY DR | | | | | | 2.1 | 2.1 | 13.2 | | ROCK DRAIN FLUME |
| 26 | 1+58 | | 4+62 | RT | ROUTE 273 | | | | | | | | | 570.9 | SB RTE 273 TO SB TRACY DR |
| 26 | 4+86 | | 7+65 | | ROUTE 273 | | | | | | | | | 542.6 | NB TRACY DR TO SB RTE 273 |
| 26 | 3+65 | | 5+36 | | ROUTE 273 | | | | | | | | | 287.8 | SB RTE 371 TO NB RTE 273 |
| 26 | 5+34 | | 7+49 | | ROUTE 273 | | | | | | | | | 914.6 | NB RTE 273 TO NB RTE 371 |
| SUBTOTAL | | | | | | 54 | 12 | 1 | 1753 | 22 | 2.1 | 2.1 | 13.2 | 2315.9 | |
| PAY TOTAL | | | | | | 54 | 12 | 1 | 1753 | 22 | 2 | 2 | 13 | 2316 | |

SUMMARY OF QUANTITIES
SHEET 1 OF 6

MOBILIZATION
LUMP SUM = 1

POWER DROP - NON-CONTRACTUAL
LUMP SUM = 1

CONTRACTOR SURVEYING AND STAKING
LUMP SUM = 1

KC DISTRICT VIDEO DETECTION SYSTEM
1 EACH

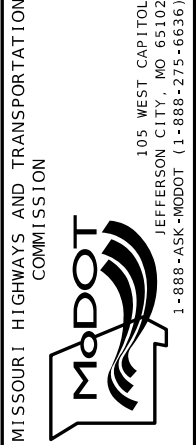
ADDITIONAL MOBILIZATION FOR SEEDING
EACH = 4



HEATHER R. BARROWS
12/27/2024 4:04:08 PM
HEATHER R. BARROWS - CIVIL
MO-PE-2016040670
DATE PREPARED
12/27/2024
ROUTE 273 STATE MO
DISTRICT KC SHEET NO. 3
COUNTY PLATTE
JOB NO. JKU0009
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

| DATE | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |



| PAVEMENT, SHOULDERS & TRUCK APRONS | | | | | | | | | | | | | |
|------------------------------------|---------------|-------------|-------------|---------------|-------------|-------------|---------------------------------------|---------------------------------------|----------------|----------------------|-----------------------------------|-----------------------|--|
| SHEET NO | BEGIN STATION | END STATION | LOCATION | BEGIN STATION | END STATION | LOCATION | TYPE 5 AGGREGATE FOR BASE 4" THICK SY | TYPE 5 AGGREGATE FOR BASE 6" THICK SY | A2 SHOULDER SY | OPTIONAL PAVEMENT SY | 8 IN. TINTED CONC. TRUCK APRON SY | REMARKS | |
| 4 | 1+58.46 | 4+71.32 | RTE 273 RT | 0+16.71 | 1+41.72 | TRACY DR RT | | 780.6 | | 780.6 | | | |
| 4 | 0+62.92 | 4+29.97 | TRACY DR LT | 5+23.55 | 7+64.61 | RTE 273 RT | | 547.9 | | 547.9 | | | |
| 4 | 5+25.07 | 6+66.79 | RTE 371 RT | 4+22.43 | 4+77.26 | RTE 273 LT | | 179.4 | | 179.4 | | | |
| 4 | 3+64.97 | 4+22.43 | RTE 273 LT | | | | 32.3 | | | | | AGGREGATE SHOULDER | |
| 4 | 5+12.25 | 7+49.41 | RTE 273 LT | 1+49.03 | 7+07.32 | RTE 371 LT | | 825.3 | | 825.3 | | | |
| 4 | 5+76.59 | 7+49.41 | RTE 273 LT | 1+56.17 | 4+94.91 | RTE 371 LT | | 499.1 | 499.1 | | | RT-TURN LANE | |
| 4 | 5+34.53 | 6+56.70 | RTE 273 RT | | | | | 104.6 | | | 109.1 | MOUNTABLE TRUCK APRON | |
| 4 | 5+51.58 | 5+77.35 | RTE 273 LT | 4+94.91 | 6+81.70 | RTE 371 LT | | 199 | | | 199 | MOUNTABLE TRUCK APRON | |
| SUBTOTAL | | | | | | | 32.3 | 3135.9 | 499.1 | 2333.2 | 308.1 | | |
| PAY TOTAL | | | | | | | 32 | 3136 | 499.1 | 2333.2 | 308.1 | | |

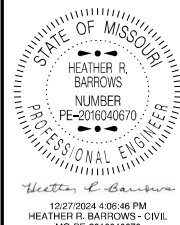
| CONCRETE MEDIAN STRIP, SIDEWALK, CURB AND CURB & GUTTER | | | | | | | | | | | | | |
|---|---------------|-------------|-------------|---------------|-------------|-------------|-----------------------------|-------------------------|---------------------------------|---------------------------------|---|-----------------------|--|
| SHEET | BEGIN STATION | END STATION | LOCATION | BEGIN STATION | END STATION | LOCATION | 6 IN. CONC. MEDIAN STRIP SY | CONC. SIDEWALK 4 IN. SY | INTEGRAL CURB, TYPE A, 6 IN. LF | CURB & GUTTER APWA TYPE CG-1 LF | MODIFIED APWA CURB & GUTTER, TYPE CG-1 LF | REMARKS | |
| 4 | 4+18.00 | 4+64.58 | RTE 273 RT | | | | 60.7 | | | | | CHANNELIZING ISLAND | |
| 4 | 5+11.70 | 5+31.79 | RTE 273 LT | | | | 24.9 | | | | | CHANNELIZING ISLAND | |
| 4 | 3+99.40 | 4+55.30 | RTE 273 RT | 0+95.54 | 1+41.90 | TRACY DR RT | | | | 123.4 | | | |
| 4 | 0+68.46 | 1+41.16 | TRACY DR RT | | | | | 45.1 | | | | | |
| 4 | 5+34.53 | 6+56.70 | RTE 273 RT | | | | | | 147 | | 158.9 | MOUNTABLE TRUCK APRON | |
| 4 | 5+51.58 | 5+77.35 | RTE 273 LT | 4+94.91 | 6+81.70 | RTE 371 LT | | | 189 | | 211.6 | MOUNTABLE TRUCK APRON | |
| 4 | 0+22.31 | 0+57.79 | TRACY DR LT | | | | 38.2 | | | | | CHANNELIZING ISLAND | |
| 4,43 | 0+91.43 | 0+96.39 | TRACY DR LT | | | | | | | 5 | | CONC. DRAIN FLUME | |
| 4 | 0+96.39 | 3+32.15 | TRACY DR LT | | | | | | | 252.1 | | | |
| 4 | 3+12.81 | 4+29.97 | TRACY DR LT | | | | | | | 117.8 | | 1 IN. HEIGHT | |
| SUBTOTAL | | | | | | | 123.8 | 45.1 | 336 | 498.3 | 370.5 | | |
| PAY TOTAL | | | | | | | 123.8 | 45.1 | 336 | 498 | 371 | | |

| DRAINAGE STRUCTURES | | | | | | | | | | | | |
|---------------------|---------|--------|-----------|------|-----------------------|---------------------|-----------------------|----------------|---------------|--------------|---|--------------------------------------|
| SHEET NO. | STATION | OFFSET | LOCATION | SIDE | CLASS 3 EXCAVATION CY | CULVERT CLEANOUT EA | PIPE COLLAR TYPE A EA | ROCK LINING CY | GROUP A | | APWA TYPE 1 - 5 FT. X 3 FT. CURB INLET FT | REMARKS |
| | | | | | | | | | 15 IN PIPE LF | 18 IN FES EA | | |
| 4,43 | 6+27.77 | | ROUTE 273 | LT | 2.2 | 1 | | 2.7 | | 1 | | |
| 4,43 | 2+97.96 | | TRACY DR | LT | 14.3 | 1 | 1 | | 14.25 | | | CLASS 3 EXC. TOTAL PIPE & DROP INLET |
| 4,43 | 2+97.96 | 30.84' | TRACY DR | LT | | | | | | | 3.64 | |
| SUBTOTAL | | | | | 16.5 | 2 | 1 | 2.7 | 14.25 | 1 | 3.64 | |
| PAY TOTAL | | | | | 17 | 2 | 1 | 3 | 14 | 1 | 4 | |

| EARTHWORK | | | | | | |
|------------------|---------|-------------|-----------------------|--------------------------|-----------|--------|
| STATION | STATION | LOCATION | CLASS A EXCAVATION CY | COMPACTING EMBANKMENT CY | EXCESS CY | REMARK |
| 1+50.00 | 8+00.00 | ROUTE 273 | 990 | 38 | 944 | |
| 1+00.00 | 6+50.00 | ROUTE 371 | 334 | 124 | 185 | |
| 1+00.00 | 3+50.00 | TRACY DRIVE | 167 | 3 | 163 | |
| SUBTOTAL | | | 1491 | 165 | | |
| PAY TOTAL | | | 1491 | 165 | | |

| WOVEN WIRE FENCE - TEMPORARY | | | | | | | |
|------------------------------|---------|-----------|---------|-----------|------|-------------|--------|
| SHEET NO. | STATION | OFFSET FT | STATION | OFFSET FT | SIDE | QUANTITY LF | REMARK |
| 4 | 3+59.07 | 59.6 | 4+42.37 | 150.4 | RT | 122.8 | |
| | | | | | | 122.8 | |
| | | | | | | 123 | |

SUMMARY OF QUANTITIES
SHEET 2 OF 6



DATE PREPARED
12/27/2024
ROUTE
273
STATE
MO
DISTRICT
KC
SHEET NO.
3
COUNTY
PLATTE
JOB NO.
JKU0009
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

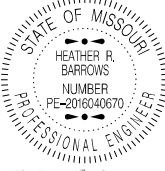
| DESCRIPTION | DATE |
|-------------|------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |



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

| LIGHTING CONDUIT AND CABLE | | | | | | | | | | | | | | |
|--|----------|----------|------------------|--------------------|------------------------------|-------------------------|-----------------------|----------------------------------|-------------------------------|------------------|---------------------------------|---|---|-----------------------------|
| SHEET NO. | FROM | TO | CENTER TO CENTER | ADD 5% FOR SNAKING | ADD 5 FT PER POLE CONNECTION | ADD 8 FT PER CONTROLLER | ADD 6 FT PER PULL BOX | CONDUIT, RIDGID, IN TRENCH 3 IN. | CONDUIT, RIDGID, PUSHED 4 IN. | TRENCHING TYPE 1 | CABLE, 2 AWG 1 CONDUCTOR, POWER | CABLE, 10 AWG 1 CONDUCTOR, POLE & BRACKET | CABLE-CONDUIT, 1 IN., 8 AWG, 2 CON. & 1 NEUTRAL | REMARK |
| | | | LF | LF | LF | LF | LF | LF | LF | LF | LF | LF | LF | |
| CIRCUIT 1 - INTERSECTION LIGHTING | | | | | | | | | | | | | | |
| 28 | CS | PB01 | 18 | 0.9 | | 8 | 6 | | | | | | 32.9 | |
| 28 | PB01 | PB02 | 34.9 | 1.7 | | | 6 | | | | | | 42.6 | |
| 28 | PB02 | PB03 | 82.8 | 4.1 | | | 6 | | | | | | 92.9 | |
| 28 | PB03 | PB04 | 41.6 | 2.1 | | | 6 | | | | | | 49.7 | |
| 28 | PB04 | L2 | 37.3 | 1.9 | 5 | | | | | 37.3 | | 90 | 44.2 | |
| 28 | CS | PB01 | 18 | 0.9 | | 8 | 6 | | | | | | 32.9 | |
| 28 | PB01 | L1 | 19.8 | 1 | 5 | | | | | 19.8 | | 90 | 25.8 | |
| 28 | CS | PB01 | 18 | 0.9 | | 8 | 6 | | | | | | 32.9 | |
| 28 | PB01 | PB02 | 34.9 | 1.7 | | | 6 | | | | | | 42.6 | |
| 28 | PB02 | PB05 | 69.8 | 3.5 | | | 6 | | | | | | 79.3 | |
| 28 | PB05 | L3 | 64.4 | 3.2 | 5 | | | | | 64.4 | | 90 | 72.6 | |
| 28 | CS | PB01 | 18 | 0.9 | | 8 | 6 | | | | | | 32.9 | |
| 28 | PB01 | PB02 | 34.9 | 1.7 | | | 6 | | | | | | 42.6 | |
| 28 | PB02 | PB05 | 69.8 | 3.5 | | | 6 | | | | | | 79.3 | |
| 28 | PB05 | PB06 | 94.4 | 4.7 | | | 6 | | | | | | 105.1 | |
| 28 | PB06 | PB07 | 36.8 | 1.8 | | | 6 | | | | | | 44.6 | |
| 28 | PB07 | L4 | 42.7 | 2.1 | 5 | | | | | 42.7 | | 90 | 49.8 | |
| CIRCUIT 1 - INTERCHANGE LIGHTING | | | | | | | | | | | | | | |
| 27 | CS | PB2 | 6.3 | 0.3 | | 8 | 3 | 9.3 | | | | | 17.6 | |
| 27 | PB2 | PB3 | 152 | 7.6 | | | 6 | | | 150 | | | 165.6 | |
| 27 | PB3 | PB4 | 282.1 | 14.1 | | | 6 | | | 282.1 | | | 302.2 | |
| 27 | PB4 | PB5 | 321.7 | 16.1 | | | 6 | | | 321.7 | | | 343.8 | |
| 27 | PB5 | L1 | 99.4 | 5 | 5 | | 3 | | | 98.4 | | 90 | 112.4 | SPLICE (1) |
| 27 | PB5 | PB6 | 88.7 | 4.4 | | | 6 | | | 86.7 | | | 99.1 | |
| 27 | PB6 | L2 | 98.1 | 4.9 | 5 | | 3 | | | 98.1 | | 90 | 111 | |
| 27 | L2 | EX. PB-A | 109.3 | 5.5 | | | 3 | | | 109.3 | | | 117.8 | |
| 27 | EX. PB-A | EX. PB-B | 169.1 | 8.5 | | | 6 | | | | | | 183.6 | |
| 27 | EX. PB-B | PB7 | 32.9 | 1.6 | | | 6 | | | 32.9 | | | 40.5 | |
| 27 | PB7 | L3 | 68 | 3.4 | 5 | | 3 | | | 67 | | 90 | 79.4 | SPLICE (3) |
| 27 | PB7 | L4 | 132.9 | 6.6 | 5 | | | | | 131.9 | | 90 | 144.5 | |
| CONTROL STATION - INTERCHANGE LIGHTING | | | | | | | | | | | | | | |
| 27 | PS | PB1 | 25.4 | | | 8 | 3 | 48.8 | | | 109.2 | | | 2X3" CONDUIT, 3X2 AWG CABLE |
| 27 | PB1 | CS | 27.3 | | | 8 | 3 | 60.6 | | | 114.9 | | | 2X3" CONDUIT, 3X2 AWG CABLE |
| | | | | | | | | SUBTOTAL | 118.7 | 534 | 1008.3 | 224.1 | 720 | 2620.2 |
| | | | | | | | | PAY TOTAL | 119 | 534 | 1008 | 220 | 720 | 2620 |

| LIGHTING POLES & APPETURANCE | | | | | | | | | |
|------------------------------|----------|-----------|----------|-----------|------------------------------|---------------------|-----------------|--|--------|
| SHEET NO. | POLE NO. | LOCATION | STATION | OFFSET | LIGHTING POLE 30 FT. TYPE AT | BRACKET ARM, 15 FT. | LUMINAIRE LED-A | POLE FOUNDATION 30 FT. MOUNTING HEIGHT | REMARK |
| | | | | FT | EACH | EACH | EACH | EACH | |
| INTERSECTION | | | | | | | | | |
| 28 | L1 | ROUTE 273 | 3+98.88 | 59.56 RT | 1 | 1 | 1 | 1 | |
| 28 | L2 | ROUTE 273 | 5+49.35 | 102.95 RT | 1 | 1 | 1 | 1 | |
| 28 | L3 | ROUTE 273 | 4+60.90 | 85.51 LT | 1 | 1 | 1 | 1 | |
| 28 | L4 | ROUTE 273 | 5+80.61 | 48.15 LT | 1 | 1 | 1 | 1 | |
| INTERCHANGE | | | | | | | | | |
| 27 | L1 | ROUTE 273 | 11+52.91 | 54.38 LT | 1 | 1 | 1 | 1 | |
| 27 | L2 | ROUTE 273 | 13+36.60 | 49.00 RT | 1 | 1 | 1 | 1 | |
| 27 | L3 | ROUTE 273 | 16+42.32 | 36.26 LT | 1 | 1 | 1 | 1 | |
| 27 | L4 | ROUTE 273 | 17+71.42 | 41.36 RT | 1 | 1 | 1 | 1 | |
| | | | | | SUBTOTAL | 8 | 8 | 8 | 8 |
| | | | | | PAY TOTAL | 8 | 8 | 8 | 8 |

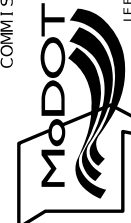


HEATHER R. BARROWS
NUMBER
PE-2016040670
PROFESSIONAL ENGINEER

| | |
|---------------|------------|
| DATE PREPARED | 12/27/2024 |
| ROUTE | 273 |
| STATE | MO |
| DISTRICT | KC |
| SHEET NO. | 3 |

| | |
|--------------|---------|
| COUNTY | PLATTE |
| JOB NO. | JKU0009 |
| 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)

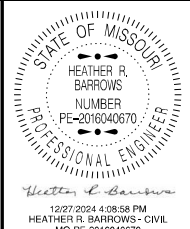
PAVEMENT MARKING

| SHEET NO. | BEGIN STATION | END STATION | LOCATION | SIDE | WATERBORNE PVM'T MARKING PAINT, TYPE P BEADS | | | THERMOPLASTIC PAVEMENT MARKING | | | REMARKS |
|--------------------|---------------|-------------|-----------|-------------|--|-----------------------|-----------------------|--------------------------------|---------------------|---------------------|------------------------------|
| | | | | | 4 IN. WHITE SOLID LF | 4 IN. WHITE DOTTED LF | 4 IN. YELLOW SOLID LF | 24" WHITE SOLID LF | 24" YELLOW SOLID LF | LEFT/RIGHT ARROW EA | |
| ROUTE 273 | | | | | | | | | | | |
| 42 | 1+38.49 | 4+00.01 | ROUTE 273 | RT | 256.9 | | | | | 2 | RT-TURN LANE |
| 42 | 4+14.34 | 4+57.01 | ROUTE 273 | RT | 46.6 | | | 34.3 | | | RT-TURN LANE |
| 42 | 1+74.35 | 2+74.35 | ROUTE 273 | RT | | 24 | | | | | RT-TURN LANE |
| 42 | 2+74.35 | 3+65.81 | ROUTE 273 | RT | 89.2 | | | | | | RT-TURN LANE |
| 42 | 3+65.81 | 4+68.78 | ROUTE 273 | RT | 231 | | | | | | ISLAND |
| 42 | 0+45.34 | 1+45.35 | ROUTE 273 | RT | | 24 | | | | 2 | LT-TURN LANE |
| 42 | 1+45.35 | 4+54.85 | ROUTE 273 | RT | 307.8 | | | 12 | | | SB THRU LANE |
| 42 | 0+45.34 | 1+45.35 | ROUTE 273 | RT & LT | | | 201.4 | | 11.8 | | MEDIAN BUBBLE AND HASH LINES |
| 42 | 0+45.63 | 4+39.67 | ROUTE 273 | LT | | | 791.2 | 12 | | | CENTERLINE |
| 42 | 1+45.34 | 4+62.26 | ROUTE 273 | LT | 291.1 | | | | | | EDGE LINE NB LANE |
| 42 | 6+56.40 | 9+67.96 | ROUTE 273 | RT | 304.3 | | | | | | EDGE LINE SB LANE |
| 42 | 5+47.06 | 10+93.00 | ROUTE 273 | RT | | | 1085 | 12 | | | CENTERLINE |
| 42 | 5+29.63 | 7+75.60 | ROUTE 273 | LT | 248 | | | 12 | | 3 | LT-TURN LANE |
| 42 | 7+75.60 | 9+31.38 | ROUTE 273 | LT | | 40 | | | | | LT-TURN LANE |
| 42 | 8+65.64 | 10+92.70 | ROUTE 273 | RT & LT | | | 457.2 | | 66.4 | | MEDIAN BUBBLE & HASH LINES |
| 42 | 5+07.95 | 5+36.58 | ROUTE 273 | LT | 167.2 | | | | | | ISLAND |
| 42 | 5+36.58 | 6+55.13 | ROUTE 273 | LT | 93.8 | | | | | | RT-TURN LANE |
| 42 | 6+55.13 | 7+43.55 | ROUTE 273 | LT | | 24 | | | | 2 | RT-TURN LANE |
| 42 | 5+76.59 | 10+92.42 | ROUTE 273 | LT | 556.9 | | | | | | EDGE LINE NB LANE |
| ROUTE 371 | | | | | | | | | | | |
| 42 | 5+05.07 | 6+95.30 | ROUTE 371 | RT | 244 | | | 20.6 | | | EDGE LINE SB LANE |
| 42 | 1+16.73 | 1+36.73 | ROUTE 371 | CENTER | | | 40 | | | | CENTER LINE |
| 42 | 1+36.73 | 5+12.24 | ROUTE 371 | CENTER & LT | | | 752.2 | | 66.2 | | MEDIAN BUBBLE & HASH LINES |
| 42 | 4+12.24 | 5+12.24 | ROUTE 371 | RT | | 24 | | | | | LT-TURN LANE |
| 42 | 5+12.24 | 6+92.54 | ROUTE 371 | RT | 180.3 | | | 11 | | 2 | LT-TURN LANE |
| 42 | 1+36.73 | 6+77.42 | ROUTE 371 | LT | | | 1067.8 | | | | CENTERLINE |
| 42 | 1+29.31 | 4+94.91 | ROUTE 371 | LT | 527.2 | | | | | | EDGE LINE NB LANE |
| TRACY DRIVE | | | | | | | | | | | |
| 42 | 0+69.67 | 1+39.78 | TRACY DR | RT | | | 71.3 | | | | EDGE LINE SB LANE |
| 42 | 0+58.15 | 4+29.22 | TRACY DR | CENTER | | | 742.2 | | | | CENTERLINE |
| 42 | 4+29.22 | 4+49.22 | TRACY DR | CENTER | | | 40 | | | | CENTERLINE |
| 42 | 2+14.21 | 4+29.22 | TRACY DR | LT | | | 432.4 | | 31.7 | | MEDIAN BUBBLE & HASH LINES |
| 42 | 0+49.12 | 2+14.20 | TRACY DR | LT | 166.9 | | | 11 | | 2 | LT-TURN LANE |
| 42 | 2+14.20 | 3+08.23 | TRACY DR | LT | | 24 | | | | | LT-TURN LANE |
| 42 | 0+18.54 | 0+78.43 | TRACY DR | LT | 145.1 | | | | | | ISLAND |
| 42 | 0+78.43 | 2+14.20 | TRACY DR | LT | 139.5 | | | 11 | | | NB THRU LANE |
| 42 | 0+87.26 | 2+05.66 | TRACY DR | LT | | | | | | 2 | RT-TURN LANE |
| SUBTOTAL | | | | | 4155.8 | | 5680.7 | 135.9 | 176.1 | 15 | |
| PAY TOTAL | | | | | 4156 | | 5681 | 136 | 176 | 15 | |

| PULL BOX - INTERCHANGE LIGHTING | | | | | | | | |
|---------------------------------|--------------|----------|--------|----------|------------------------|---------------------|----------------------|--------|
| SHEET NO. | PULL BOX NO. | STATION | OFFSET | LOCATION | PREFORMED CLASS 2 EACH | DRAIN TYPE I * EACH | DRAIN TYPE II * EACH | REMARK |
| | | | | | | | | |
| 27 | PB1 | 4+32.76 | 69.55 | LT | 1 | 1 | 0 | |
| 27 | PB2 | 4+55.18 | 51.77 | LT | 1 | 0 | 1 | |
| 27 | PB3 | 5+52.71 | 65.93 | RT | 1 | 0 | 1 | |
| 27 | PB4 | 8+36.53 | 30.67 | RT | 1 | 0 | 1 | |
| 27 | PB5 | 11+58.78 | 44.87 | RT | 1 | 0 | 1 | |
| 27 | PB6 | 12+47.36 | 40.17 | RT | 1 | 0 | 1 | |
| 27 | PB7 | 16+38.95 | 31.24 | RT | 1 | 0 | 1 | |
| SUBTOTAL | | | | | 7 | 1 | 6 | |
| PAY TOTAL | | | | | 7 | * | * | |

* ITEM FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

| LIGHTING CONTROLLER - INTERCHANGE | | | | | |
|-----------------------------------|---------|--------|----------|---|--------|
| SHEET NO. | STATION | OFFSET | LOCATION | BASE MOUNTED CONTROL STATION 240 VOLT - 4 CIRCUIT | REMARK |
| | | | | | |
| 27 | 4+49.77 | 49.37' | LT | 1 | |
| PAY TOTAL | | | | 1 | |



DATE PREPARED
12/27/2024
ROUTE 273
STATE MO
DISTRICT KC
SHEET NO. 3

COUNTY PLATTE
JOB NO. JKU0009
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)



HEATHER R. BARROWS
 NUMBER PE-2016040670
 PROFESSIONAL ENGINEER
 12/27/2024 3:24:24 PM
 HEATHER R. BARROWS - CIVIL
 MO-PE-2016040670

| | | |
|---------------|------------|-------------|
| DATE PREPARED | 12/27/2024 | |
| ROUTE | 273 | STATE MO |
| DISTRICT | KC | SHEET NO. 4 |
| COUNTY | PLATTE | |
| JOB NO. | JKU0009 | |
| CONTRACT ID. | | |
| PROJECT NO. | | |
| BRIDGE NO. | | |

PROJECT AVERAGE GRID FACTOR = 0.999914707

SE 1/4
 SEC 23
 T53N R35W

ROUTE 371 RT BUILD NOTE:
 STA. 5+25.07 TO STA. 6+66.79 RT
 BUILD OPTIONAL PAVEMENT

ROUTE 371 LT BUILD NOTES:
 STA. 1+49.03 TO STA. 7+07.32 LT
 BUILD OPTIONAL PAVEMENT
 STA. 1+56.17 TO STA. 4+94.91 LT
 BUILD A2 SHOULDER
 STA. 4+49.91 TO STA. 6+81.70 LT
 BUILD INTEGRAL CURB, TYPE A, 6"
 BUILD 8 IN. TINTED CONC. TRUCK APRON
 BUILD MOD. APWA CURB & GUTTER, TYPE CG-1

ALL BEARINGS SHOWN ARE MODIFIED STATE PLANE BEARINGS, WESTERN ZONE.

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.

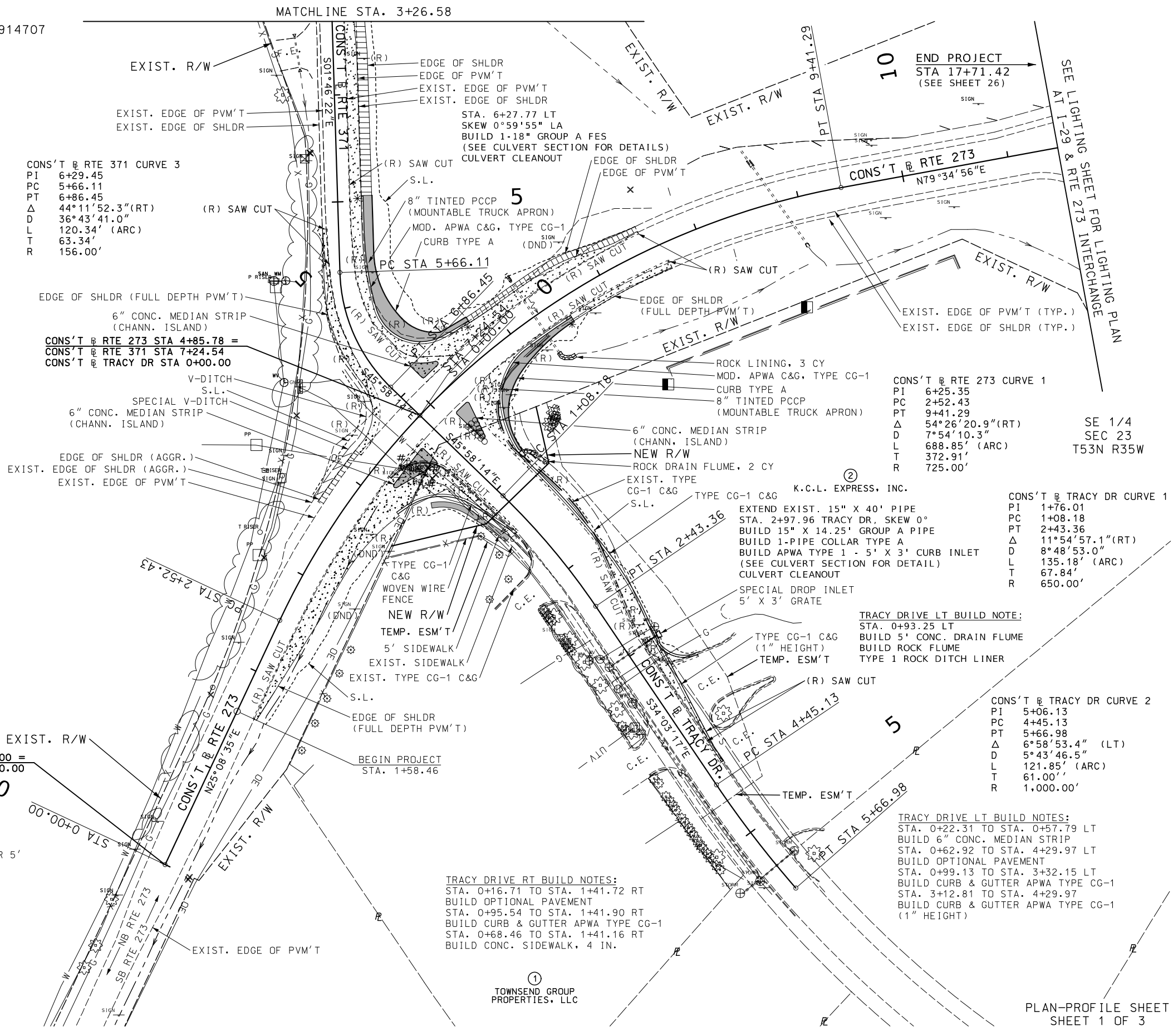
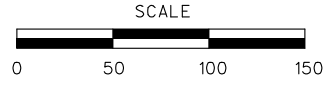
ROUTE 273 RT BUILD NOTES:
 STA. 1+58.46 TO STA. 4+71.32 RT
 BUILD OPTIONAL PAVEMENT
 STA. 3+59.07 TO STA. 4+42.37 RT
 BUILD WOVEN WIRE FENCE 123 LF
 STA. 3+99.40 TO STA. 4+55.30 RT
 BUILD CURB & GUTTER APWA TYPE CG-1
 STA. 4+18.00 TO STA. 4+64.58 RT
 BUILD 6 IN. CONC. MEDIAN STRIP
 STA. 5+23.55 TO STA. 7+64.61 RT
 BUILD OPTIONAL PAVEMENT
 STA. 5+34.53 TO STA. 6+56.70 RT
 BUILD INTEGRAL CURB, TYPE A, 6"
 BUILD 8 IN. TINTED CONC. TRUCK APRON
 BUILD MOD. APWA CURB & GUTTER, TYPE CG-1

ROUTE 273 LT BUILD NOTES:
 STA. 3+64.97 TO STA. 4+22.43 LT
 BUILD 4" AGGREGATE SHOULDER
 STA. 4+22.43 TO STA. 4+77.26 LT
 BUILD OPTIONAL PAVEMENT
 STA. 5+11.70 TO STA. 5+31.79 LT
 BUILD 6 IN. CONC. MEDIAN STRIP
 STA. 5+12.25 TO STA. 7+49.41 LT
 BUILD OPTIONAL PAVEMENT
 STA. 5+51.58 TO STA. 5+77.35 LT
 BUILD INTEGRAL CURB, TYPE A, 6"
 BUILD MOD. APWA CURB & GUTTER, TYPE CG-1
 BUILD 8 IN. TINTED CONC. TRUCK APRON
 STA. 5+76.59 TO STA. 7+49.41 LT
 BUILD TYPE A2 SHOULDER

CONS'T @ RTE 273 STA 0+00.00 = SURVEY @ RTE 273 STA 107+00.00

* TRANSITION CURB HEIGHT FROM FULL HEIGHT TO 0" OVER 5'
 # EXIST. POWER POLE AND GUY WIRES REMOVE BY OTHERS.

- OPTIONAL PAVEMENT
- SHOULDER
- TRUCK APRON, ISLANDS & SIDEWALK



TRACY DRIVE RT BUILD NOTES:
 STA. 0+16.71 TO STA. 1+41.72 RT
 BUILD OPTIONAL PAVEMENT
 STA. 0+95.54 TO STA. 1+41.90 RT
 BUILD CURB & GUTTER APWA TYPE CG-1
 STA. 0+68.46 TO STA. 1+41.16 RT
 BUILD CONC. SIDEWALK, 4 IN.

TRACY DRIVE LT BUILD NOTES:
 STA. 0+22.31 TO STA. 0+57.79 LT
 BUILD 6" CONC. MEDIAN STRIP
 STA. 0+62.92 TO STA. 4+29.97 LT
 BUILD OPTIONAL PAVEMENT
 STA. 0+99.13 TO STA. 3+32.15 LT
 BUILD CURB & GUTTER APWA TYPE CG-1
 STA. 3+12.81 TO STA. 4+29.97
 BUILD CURB & GUTTER APWA TYPE CG-1 (1" HEIGHT)

TOWNSEND GROUP PROPERTIES, LLC

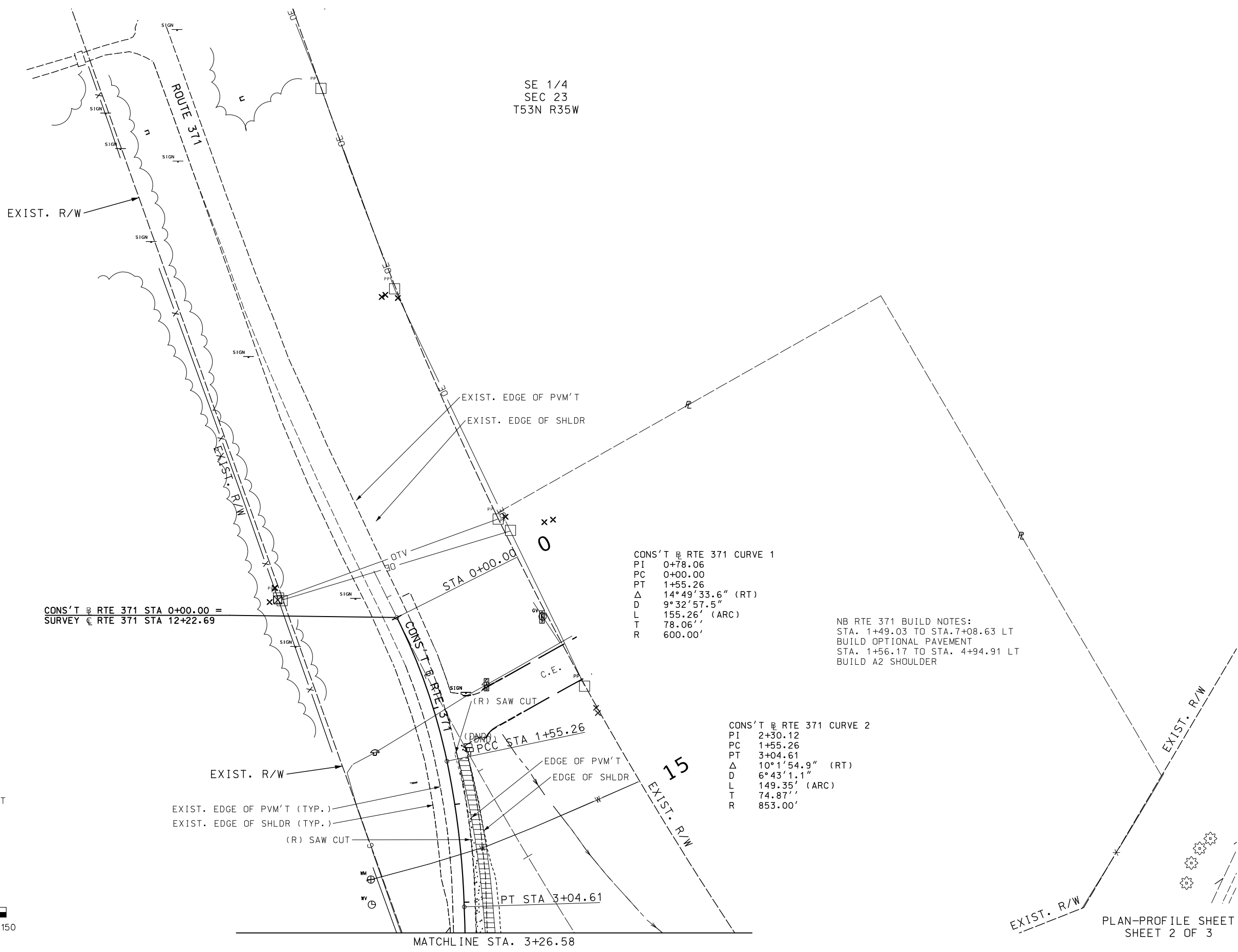
DESCRIPTION

DATE

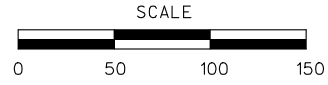
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



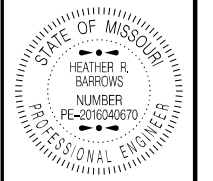
OPTIONAL PAVEMENT
SHOULDER



NB RTE 371 BUILD NOTES:
STA. 1+49.03 TO STA. 7+08.63 LT
BUILD OPTIONAL PAVEMENT
STA. 1+56.17 TO STA. 4+94.91 LT
BUILD A2 SHOULDER

CONS'T R RTE 371 CURVE 2
PI 2+30.12
PC 1+55.26
PT 3+04.61
Δ 10° 1' 54.9" (RT)
D 6° 43' 1.1"
L 149.35' (ARC)
T 74.87'
R 853.00'

CONS'T R RTE 371 CURVE 1
PI 0+78.06
PC 0+00.00
PT 1+55.26
Δ 14° 49' 33.6" (RT)
D 9° 32' 57.5"
L 155.26' (ARC)
T 78.06'
R 600.00'



Heather R. Barrows
12/27/2024 3:24:56 PM
HEATHER R. BARROWS - CIVIL
MO-PE-2016040670

DATE PREPARED
12/27/2024

ROUTE 273 STATE MO

DISTRICT KC SHEET NO. 5

COUNTY PLATTE

JOB NO. JKU0009

CONTRACT ID.

PROJECT NO.

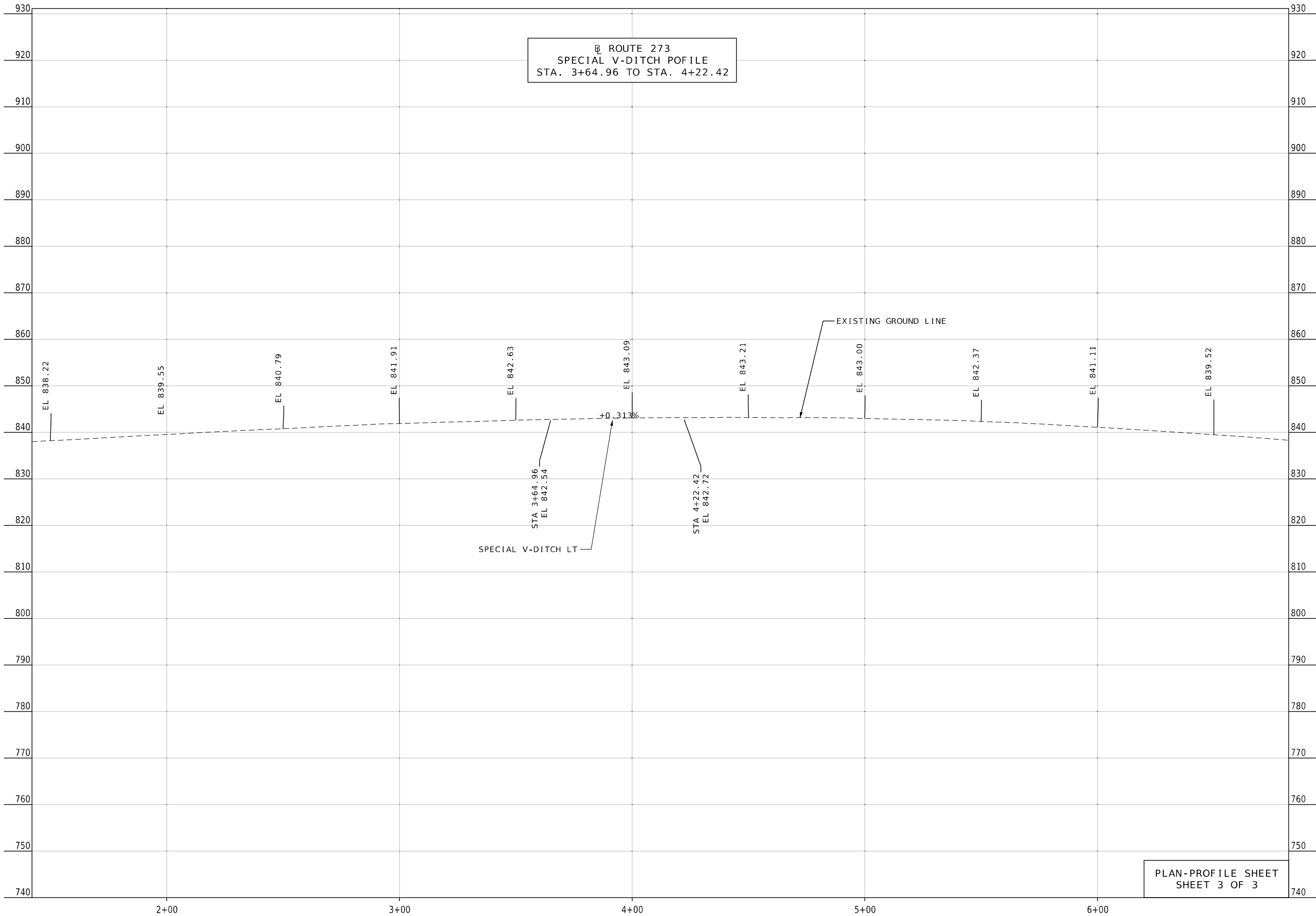
BRIDGE NO.

| DATE | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-273-6636)

PLAN-PROFILE SHEET
SHEET 2 OF 3



PLAN-PROFILE SHEET
SHEET 3 OF 3



HEATHER R. BARROWS
NUMBER
PE-2016040670
PROFESSIONAL ENGINEER

DATE PREPARED
12/27/2024

| | |
|----------------|----------------|
| ROUTE 273 | STATE MO |
| DISTRICT KC | SHEET NO. 6 |

COUNTY
PLATTE

JOB NO.
JKU0009

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

RIGHT OF WAY LIMITS FOR THIS PROJECT
EXTEND FROM STATION 110+15 TO STATION
44+42, A DISTANCE OF 0.052 MILES.

SE 1/4
SEC 23
T53N R35W

DONALD E &
KAY V WALLACE
NO ACQUISITION
13-6.0-23-000-000-007.000

SE 1/4
SEC 23
T53N R35W

K.C.L. EXPRESS, INC.
642 SF (0.01 ACRES) NEW R/W
8,137 SF (0.19 ACRES) TEMP. ESM'T.
309,941 SF (7.12 ACRES) REMAINING
13-6.0-23-400-001-001.000

TOWNSEND GROUP
PROPERTIES, LLC
2,681 SF (0.06 ACRES) NEW R/W
1,282 SF (0.03 ACRES) TEMP. ESM'T.
172,430 SF (3.96 ACRES) REMAINING
13-6.0-23-000-000-007.003
FENCE REMOVAL 175 LF

CITY OF TRACY
6,464 SF (0.15 ACRES) NEW R/W
23,496 SF (0.54 ACRES) TEMP. ESM'T

- (R1) RT TRACY DR
PI 0+27.58
PC 0+00.00
PT 0+37.73
Δ 108°6'7.0" (RT)
D 286°28'44.0"
L 37.73' (ARC)
T 27.58'
R 20.00'
- (R2) RT TRACY DR
PI 1+38.55
PC 0+86.25
PT 1+90.43
Δ 12°42'0.6" (RT)
D 12°11'26.1"
L 104.18' (ARC)
T 52.30'
R 470.00'
- (R3) RT TRACY DR
PI 2+99.87
PC 1+90.43
PT 4+09.31
Δ 0°0'0.9" (RT)
D 0°0'0.4"
L 218.88' (ARC)
T 109.44'
R 52,397,121.66'
- (R4) RT TRACY DR
PI 4+18.50
PC 4+09.31
PT 4+27.70
Δ 1°1'21.9" (LT)
D 5°33'45.8"
L 18.39' (ARC)
T 9.19'
R 1,029.99'

SURVEY @ RTE 273 CURVE 1
PI 44+59.18
PC 41+64.39
PT 47+08.90
Δ 54°27'2.1" (LT)
D 9°59'59.8"
L 544.51' (ARC)
T 294.78'
R 572.96'

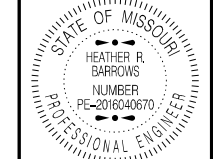
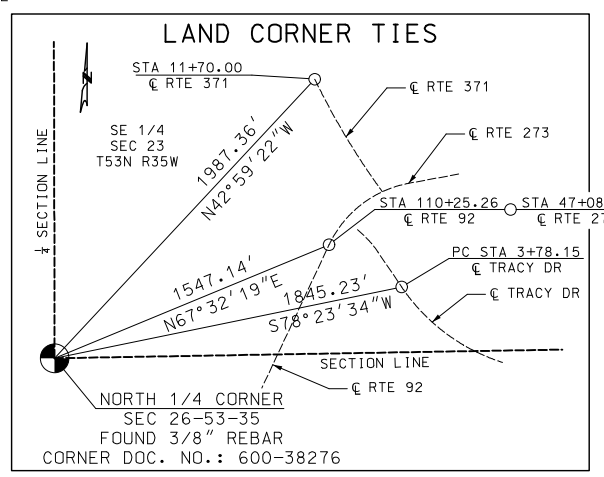
SURVEY @ TRACY DR CURVE 1
PI 1+04.08
PC 0+48.44
PT 1+59.27
Δ 12°42'0.6" (RT)
D 11°27'33.0"
L 110.83' (ARC)
T 55.64'
R 500.00'

SURVEY @ TRACY DR CURVE 2
PI 7+25.46
PC 3+78.15
PT 10+46.70
Δ 38°18'18.3" (LT)
D 5°43'46.5"
L 668.55' (ARC)
T 347.31'
R 1,000.00'

(L1) RT TRACY DR
PI 0+26.79
PC 0+00.00
PT 0+51.04
Δ 43°0'26.2" (LT)
D 84°15'30.6"
L 51.04' (ARC)
T 26.79'
R 68.00'

(L2) RT TRACY DR
PI 1+12.28
PC 0+66.73
PT 1+56.46
Δ 24°15'2.6" (RT)
D 27°1'34.7"
L 89.73' (ARC)
T 45.55'
R 212.00'

(L3) RT TRACY DR
PI 4+04.07
PC 3+95.41
PT 4+12.73
Δ 1°1'21.9" (LT)
D 5°54'24.4"
L 17.31' (ARC)
T 8.66'
R 970.00'



HEATHER R. BARROWS
NUMBER PE-2016040670
PROFESSIONAL ENGINEER
12/27/2024 3:26:03 PM
HEATHER R. BARROWS - CIVIL
MO-PE-2016040670

DATE PREPARED
12/27/2024

ROUTE STATE
273 MO

DISTRICT SHEET NO.
KC 7

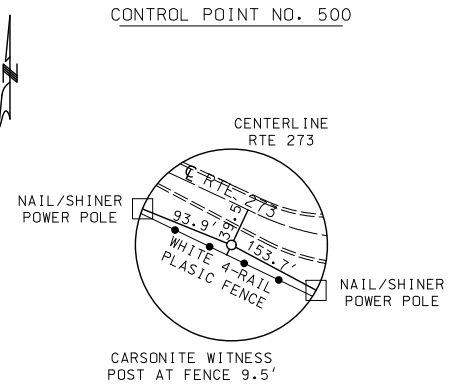
COUNTY PROJECT NO.
PLATTE JKU0009

CONTRACT ID. BRIDGE NO.

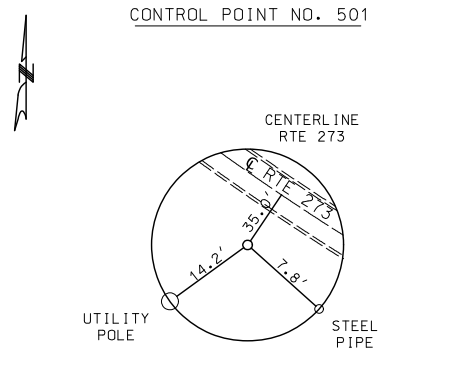
| DESCRIPTION | DATE |
|-------------|------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

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

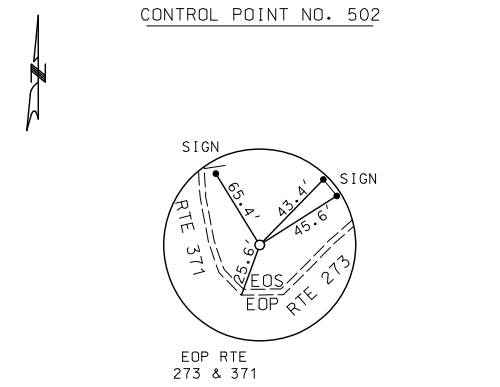
RIGHT OF WAY SHEET
SHEET 1 OF 1



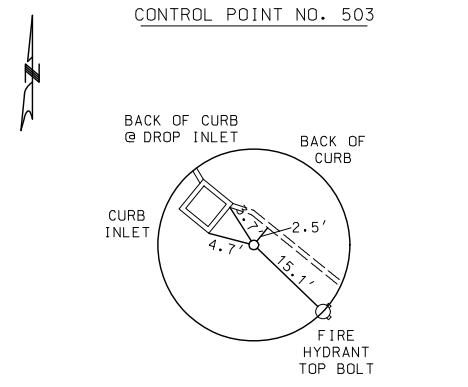
MO DNR GRS ALUMINUM DISK STAMPED
"PL-24 1990" SET IN 12" ROUND CONCRETE
MONUMENT. FLUSH WITH THE GROUND
N: 1.169.584.612 E: 2.705.014.112 EL: 812.419'



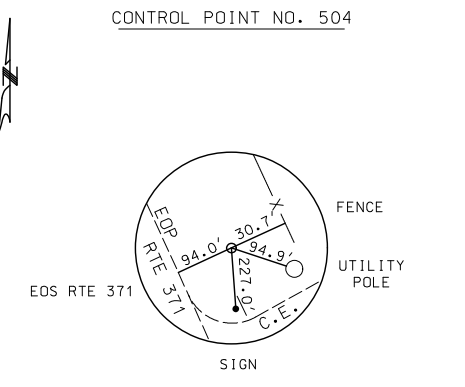
MO DNR GRS ALUMINUM DISK STAMPED
"PL-24A 1990" SET IN 12" ROUND CONCRETE
MONUMENT. FLUSH WITH THE GROUND
N: 1.170.402.661 E: 2.703.375.161 EL: 872.862'



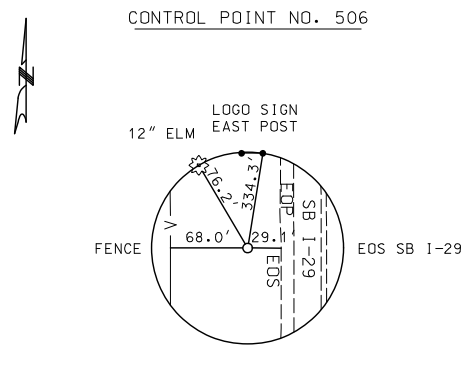
SURVEY C RTE 273
STA. 44+90.57, OFF. 45.85' RT
SET 5/8" BAR WITH ALUMINUM CAP STAMPED "MODOT"
N: 1.172.061.742 E: 2.706.188.022 EL: 842.309'



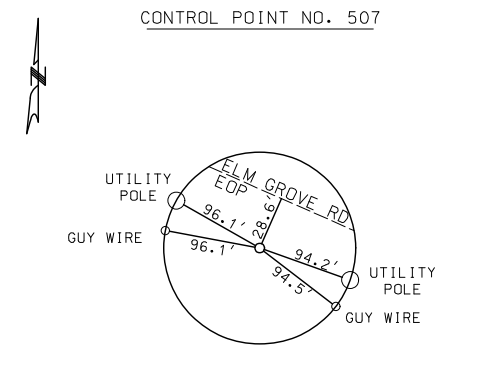
SURVEY C TRACY DR
STA. 6+71.53, OFF. 20.64' RT
SET 5/8" BAR WITH ALUMINUM CAP STAMPED "MODOT"
N: 1.171.401.268 E: 2.706.653.599 EL: 813.617'



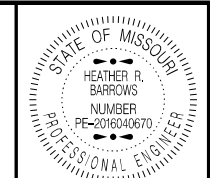
SET 5/8" BAR WITH ALUMINUM CAP STAMPED "MODOT"
N: 1.172.818.691 E: 2.706.084.746 EL: 845.894'



SET 5/8" BAR WITH ALUMINUM CAP STAMPED "MODOT"
N: 1.173.775.322 E: 2.707.027.289 EL: 839.450'



SET 5/8" BAR WITH ALUMINUM CAP STAMPED "MODOT"
N: 1.171.960.283 E: 2.708.299.55 EL: 785.559'



Heather R. Barrows
12/27/2024 3:28:30 PM
HEATHER R. BARROWS - CIVIL
MC-PE-2016040670

DATE PREPARED
12/27/2024
ROUTE: **273** STATE: **MO**
DISTRICT: **KC** SHEET NO.: **8**
COUNTY: **PLATTE**
JOB NO.: **JKU0009**
CONTRACT ID:

PROJECT NO.
BRIDGE NO.

| DATE | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |
| | |
| | |
| | |

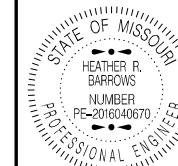
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

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 | MISSOURI STATE PLANE, EAST ZONE |
| HORIZONTAL DATUM | NAD83 |
| VERTICAL DATUM | NAVD88 |
| GEOID MODEL | GEOID 12B |
| ELEVATIONS DETERMINED BY | Control points were occupied for a 180 epoch double occupancy Real Time Kinematic survey, utilizing the MoDOT Global Positioning System Reference Station Network. The control points had a minimum of 4 hours in between occupation occupation times. Elevations for the control points were derived from the 180 epoch double occupancy Real Time Kinematic survey observations, utilizing the MoDOT Global Positioning System Reference Station Network. |
| PROJECT PROJECTION FACTOR 1.0000853 | |
| REFERENCE CONTROL INFORMATION | |
| COORDINATE SYSTEM | MO COORDINATE SYSTEM OF 1983 |
| CONTROL STATION | MISSOURI CORS |
| DESIGNATION | MODOT PLATTE CITY CORS ARP |
| CORS_ID | MOPL |
| PID | DN5836 |
| LATITUDE | N39°23'04.07225" |
| LONGITUDE | W94°47'00.04254" |
| NORTHING (M) | 357168.104 |
| EASTING (M) | 825589.631 |
| ZONE | WEST |
| PROJECT AVERAGE GRID FACTOR 0.999914707 | |
| 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 #500 N 1,169,584.612 X 0.999914707 = N 1,169,484.855 E 2,705,014.112 X 0.999914707 = E 2,704,783.394 | |
| LINEAR UNIT CONVERSION | |
| 1 METER = 3.280833333 US SURVEY FEET (USFT) | |

| SHEET NO | STATION | LOCATION | OFFSET (USFT) | COORDINATE POINT LISTING | | | DESCRIPTION | GPK POINT ID |
|-----------------------------------|-----------|-------------|---------------|-------------------------------|------------------------|--------------------------|-------------------------------|--------------|
| | | | | MODIFIED STATE PLANE (GROUND) | | | | |
| | | | | NORTHING (US SURVEY FT) | EASTING (US SURVEY FT) | ELEVATION (US SURVEY FT) | | |
| PROJECT CONTROL POINTS | | | | | | | | |
| | 85+14.21 | RTE 92 CL | 11.66' LT | 1,169,584.612 | 2,705,014.112 | 812.419 | CONTROL POINT, PL-24 | 500 |
| | 85+58.39 | RTE 92 CL | 1842.90' LT | 1,170,402.661 | 2,703,375.161 | 872.862 | CONTROL POINT, PL-24A | 501 |
| | 44+90.57 | RTE 273 CL | 45.85' RT | 1,172,061.742 | 2,706,188.022 | 842.309 | CONTROL POINT | 502 |
| | 6+71.53 | TRACY DR CL | 20.64' RT | 1,171,401.268 | 2,706,653.599 | 813.617 | CONTROL POINT | 503 |
| | | | | 1,172,818.691 | 2,706,084.746 | 845.894 | CONTROL POINT | 504 |
| | | | | 1,173,775.322 | 2,707,027.289 | 839.450 | CONTROL POINT | 506 |
| | | | | 1,171,960.283 | 2,708,299.355 | 785.559 | CONTROL POINT | 507 |
| ALIGNMENTS (CONTINUED NEXT SHEET) | | | | | | | | |
| | 63+20.04 | RTE 92 CL | 0 | 1,167,593.380 | 2,701,092.410 | | BEGIN RTE 92 CL | |
| 6 | 110+25.26 | RTE 92 CL | 0 | 1,171,852.790 | 2,706,091.570 | | END RTE 92 CL | |
| | 39+00.00 | RTE 273 CL | 0 | 1,172,220.639 | 2,706,766.789 | | BEGIN RTE 273 CL | |
| | 41+64.39 | RTE 273 CL | 0 | 1,172,172.881 | 2,706,506.744 | | P.C. | |
| | 44+59.18 | RTE 273 CL | 71.38' RT | 1,172,119.636 | 2,706,216.812 | | H.P.I. | |
| | | RTE 273 CL | | 1,171,609.346 | 2,706,610.237 | | C.C. | |
| 6 | 47+08.90 | RTE 273 CL | 0 | 1,171,852.785 | 2,706,091.565 | | P.T. | |
| | 11+70.00 | RTE 371 CL | 0 | 1,172,715.400 | 2,706,016.905 | | P.C. CURVE 1 | |
| | 15.13.35 | RTE 371 CL | 15.40' RT | 1,172,406.382 | 2,706,166.558 | | H.P.I. CURVE 1 | |
| | | RTE 371 CL | | 1,174,379.945 | 2,709,454.031 | | C.C. CURVE 1 | |
| | 18+54.86 | RTE 371 CL | 0 | 1,172,129.013 | 2,706,368.929 | | P.T. CURVE 1, END RTE 273 CL | |
| 6 | 0+00.00 | TRACY DR CL | 0 | 1,171,931.697 | 2,706,239.740 | | BEGIN TRACY DR CL | |
| 6 | 0+48.44 | TRACY DR CL | 0 | 1,171,989.510 | 2,706,275.026 | | P.C. CURVE 1 | |
| | 1+04.08 | TRACY DR CL | 3.09' LT | 1,171,860.388 | 2,706,315.558 | | H.P.I. CURVE 1 | |
| | | TRACY DR CL | | 1,171,534.294 | 2,705,932.466 | | C.C. CURVE 1 | |
| 6 | 1+59.27 | TRACY DR CL | 0 | 1,171,814.287 | 2,706,346.717 | | P.T. CURVE 1 | |
| 6 | 3+78.15 | TRACY DR CL | 0 | 1,171,632.945 | 2,706,469.286 | | P.C. CURVE 2 | |
| | 7+25.46 | TRACY DR CL | 58.60' RT | 1,171,345.198 | 2,706,663.774 | | H.P.I. CURVE 2 | |
| | | TRACY DR CL | | 1,172,192.929 | 2,707,297.790 | | C.C. CURVE 2 | |
| | 10+46.70 | TRACY DR CL | 0 | 1,171,239.951 | 2,706,994.751 | | P.T. CURVE 2 | |
| | 11+66.13 | TRACY DR CL | 0 | 1,171,203.758 | 2,707,108.565 | | P.C. CURVE 3 | |
| | 12+57.99 | TRACY DR CL | 13.75' LT | 1,171,175.919 | 2,707,196.110 | | H.P.I. CURVE 3 | |
| | | TRACY DR CL | | 1,170,917.865 | 2,707,017.652 | | C.C. CURVE 3 | |
| | 13+44.42 | TRACY DR CL | 0 | 1,171,103.834 | 2,707,253.057 | | P.T. CURVE 3 | |
| | 13+61.06 | TRACY DR CL | 0 | 1,171,090.777 | 2,707,263.372 | | P.C. CURVE 4 | |
| | 14+00.40 | TRACY DR CL | 3.08' LT | 1,171,059.904 | 2,707,287.762 | | H.P.I. CURVE 4 | |
| | | TRACY DR CL | | 1,170,935.800 | 2,707,067.203 | | C.C. CURVE 4 | |
| | 14+39.11 | TRACY DR CL | 0 | 1,171,023.032 | 2,707,301.491 | | P.T. CURVE 4, END TRACY DR CL | |



HEATHER R. BARROWS
 NUMBER PE-2018040670
 PROFESSIONAL ENGINEER

12/27/2024 3:27:06 PM
 HEATHER R. BARROWS - CIVIL
 MO-PE-2018040670

DATE PREPARED
 12/27/2024

ROUTE 273 STATE MO

DISTRICT KC SHEET NO. 9

COUNTY PLATTE

JOB NO. JKU0009

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

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 | MISSOURI STATE PLANE, EAST ZONE |
| HORIZONTAL DATUM | NAD83 |
| VERTICAL DATUM | NAVD88 |
| GEOID MODEL | GEOID 12B |
| ELEVATIONS DETERMINED BY | Control points were occupied for a 180 epoch double occupancy Real Time Kinematic survey, utilizing the MoDOT Global Positioning System Reference Station Network. The control points had a minimum of 4 hours in between occupation occupation times. |
| | Elevations for the control points were derived from the 180 epoch double occupancy Real Time Kinematic survey observations, utilizing the MoDOT Global Positioning System Reference Station Network. |

PROJECT PROJECTION FACTOR 1.0000853

REFERENCE CONTROL INFORMATION

| | |
|-------------------|------------------------------|
| COORDINATE SYSTEM | MO COORDINATE SYSTEM OF 1983 |
| CONTROL STATION | MISSOURI CORS |
| DESIGNATION | MODOT PLATTE CITY CORS ARP |
| CORS_ID | MOPL |
| PID | DN5836 |
| LATITUDE | N39°23'04.07225" |
| LONGITUDE | W94°47'00.04254" |
| NORTHING (M) | 357168.104 |
| EASTING (M) | 825589.631 |
| ZONE | WEST |

PROJECT AVERAGE GRID FACTOR 0.999914707

EXAMPLE OF PROJECT COORDINATE TO S.P.C.

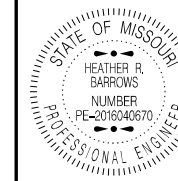
PROJECT NORTHING X AVERAGE GRID FACTOR
= STATE PLANE NORTHING
PROJECT EASTING X AVERAGE GRID FACTOR
= STATE PLANE EASTING

EXAMPLE: CONTROL POINT #500
N 1,169,584.612 X 0.999914707 = N 1,169,484.855
E 2,705,014.112 X 0.999914707 = E 2,704,783.394

LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

| SHEET NO | STATION | LOCATION | OFFSET (USFT) | COORDINATE POINT LISTING | | | DESCRIPTION | GPK POINT ID |
|-------------------------------|----------|--------------|---------------|-------------------------------|------------------------|--------------------------|---------------------------------|--------------|
| | | | | MODIFIED STATE PLANE (GROUND) | | | | |
| | | | | NORTHING (US SURVEY FT) | EASTING (US SURVEY FT) | ELEVATION (US SURVEY FT) | | |
| ALIGNMENTS (CONTINUED) | | | | | | | | |
| 4 | 0+00.00 | RTE 273 CBL | 0 | 1,171,558.341 | 2,705,953.368 | | BEGIN RTE 273 CBL | |
| 4 | 2+52.43 | RTE 273 CBL | 0 | 1,171,786.857 | 2,706,060.621 | | P.C. CURVE 1 | |
| | 6+25.35 | RTE 273 CBL | 90.28' LT | 1,172,124.435 | 2,706,219.065 | | H.P.I. CURVE 1 | |
| | | RTE 273 CBL | | 1,171,478.819 | 2,706,716.928 | | C.C. CURVE 1 | |
| 4 | 9+41.29 | RTE 273 CBL | 0 | 1,172,191.867 | 2,706,585.830 | | P.T. CURVE 1 | |
| | 18+57.86 | RTE 273 CBL | 0 | 1,172,357.606 | 2,707,487.293 | | END RTE 273 CBL | |
| 5 | 0+00.00 | RTE 371 CBL | 0 | 1,172,668.142 | 2,706,040.195 | | P.C. CURVE 1, BEGIN RTE 371 CBL | |
| | 0+78.07 | RTE 371 CBL | 5.06' LT | 1,172,598.359 | 2,706,075.186 | | H.P.I. CURVE 1 | |
| | | RTE 371 CBL | | 1,172,399.200 | 2,705,503.846 | | C.C. CURVE 1 | |
| 5 | 1+55.26 | RTE 371 CBL | 0 | 1,172,521.945 | 2,706,091.156 | | P.C.C. CURVE 1 & 2 | |
| | 2+30.13 | RTE 371 CBL | 3.28' LT | 1,172,448.661 | 2,706,106.472 | | H.P.I. CURVE 2 | |
| | | RTE 371 CBL | | 1,172,347.443 | 2,705,256.196 | | C.C. CURVE 2 | |
| 5 | 3+04.61 | RTE 371 CBL | 0 | 1,172,373.830 | 2,706,108.788 | | P.T. CURVE 2 | |
| 4 | 5+66.11 | RTE 371 CBL | 0 | 1,172,112.454 | 2,706,116.877 | | P.C. CURVE 3 | |
| | 6+29.45 | RTE 371 CBL | 12.37' RT | 1,172,049.143 | 2,706,118.837 | | H.P.I. CURVE 3 | |
| | | RTE 371 CBL | | 1,172,117.280 | 2,706,272.803 | | C.C. CURVE 3 | |
| 4 | 6+86.45 | RTE 371 CBL | 0 | 1,172,005.118 | 2,706,164.378 | | P.T. CURVE 3 | |
| 4 | 7+24.54 | RTE 371 CBL | 0 | 1,171,978.646 | 2,706,191.763 | | END RTE 371 CBL | |
| 4 | 0+00.00 | TRACY DR CBL | 0 | 1,171,978.648 | 2,706,191.762 | | BEGIN TRACY DR CBL | |
| 4 | 1+08.18 | TRACY DR CBL | 0 | 1,171,903.463 | 2,706,269.538 | | P.C. CURVE 1 | |
| | 1+76.01 | TRACY DR CBL | 3.53' LT | 1,171,856.315 | 2,706,318.310 | | H.P.I. CURVE 1 | |
| | | TRACY DR CBL | | 1,171,436.124 | 2,705,817.770 | | C.C. CURVE 1 | |
| 4 | 2+43.36 | TRACY DR CBL | 0 | 1,171,800.113 | 2,706,356.297 | | P.T. CURVE 1 | |
| 4 | 4+45.13 | TRACY DR CBL | 0 | 1,171,632.945 | 2,706,469.286 | | P.C. CURVE 2 | |
| | | TRACY DR CBL | 1.86' RT | 1,171,582.405 | 2,706,503.446 | | H.P.I. CURVE 2 | |
| | | TRACY DR CBL | | 1,172,192.929 | 2,707,297.790 | | C.C. CURVE 2 | |
| 4 | 5+66.98 | TRACY DR CBL | 0 | 1,171,536.393 | 2,706,543.495 | | P.T. CURVE 2 | |



HEATHER R. BARRONS
HEATHER R. BARRONS - CIVIL
MO-PE-2016040670

DATE PREPARED
12/27/2024

ROUTE 273 STATE MO

DISTRICT KC SHEET NO. 10

COUNTY PLATTE

JOB NO. JKU0009

CONTRACT ID.

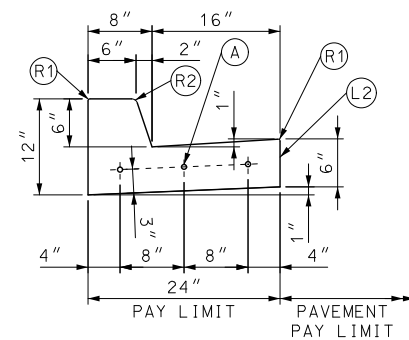
PROJECT NO.

BRIDGE NO.

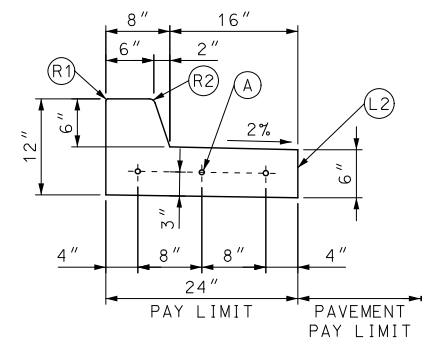
| DESCRIPTION | DATE |
|-------------|------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

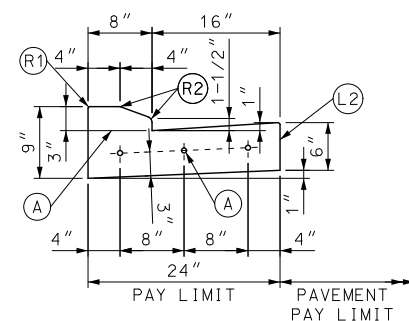
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



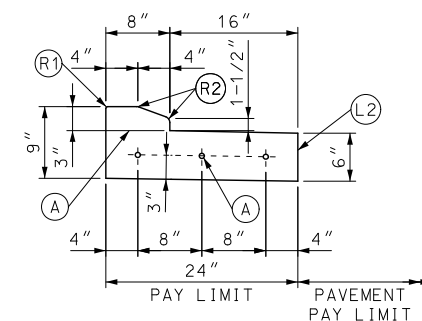
TYPE CG-1
CURB & GUTTER



TYPE CG-1
CURB & GUTTER (DRY)



MODIFIED APWA CURB
& GUTTER, TYPE CG-1



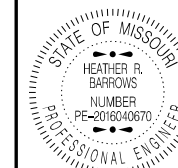
MODIFIED APWA CURB &
GUTTER, TYPE CG-1 (DRY)

NOTES:

1. NO SEPARATE PAY ITEM FOR DRY CURB.
2. TRANSITION GUTTER BETWEEN STANDARD WET CURB SECTION AND DRY CURB SECTION TO MAINTAIN WATER FLOW AND AVOID LOW POINTS.
3. CONCRETE SHALL BE EITHER CLASS B OR PAVEMENT CONCRETE.

LEGEND

- (A) 3/4" ISOLATION JOINTS WITH 5/8" Ø X 24" SMOOTH DOWELS SHALL BE PLACED AT RADIUS POINTS AND AT 150" INTERVALS. THESE DOWEL BARS SHALL BE GREASED AND WRAPPED ON ONE END WITH EXPANSION TUBES.
- (B) IF PAVEMENT IS CONCRETE, 24" X #5 Ø TIE BARS AT 30" CTRS. SHALL BE USED SUBSIDIARY TO CONCRETE PAVEMENT.
- (C) PERMISSIBLE CONSTRUCTION JOINT. IF CONSTRUCTED IN THIS MANNER TIE BARS MUST BE USED.
- (L2) LONGITUDINAL JOINT WITH TIE BARS.
- (R1) ROUND TO 1/4" RADIUS (EXCEPT FOR SAWED JOINTS).
- (R2) ROUND TO 3/4" RADIUS.



Heather R. Barrows
12/27/2024 3:28:02 PM
HEATHER R. BARROWS - CIVIL
MO-PE-2016040670

DATE PREPARED
12/27/2024

ROUTE 273 STATE MO

DISTRICT KC SHEET NO. 11

COUNTY PLATTE

JOB NO. JKU0009

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

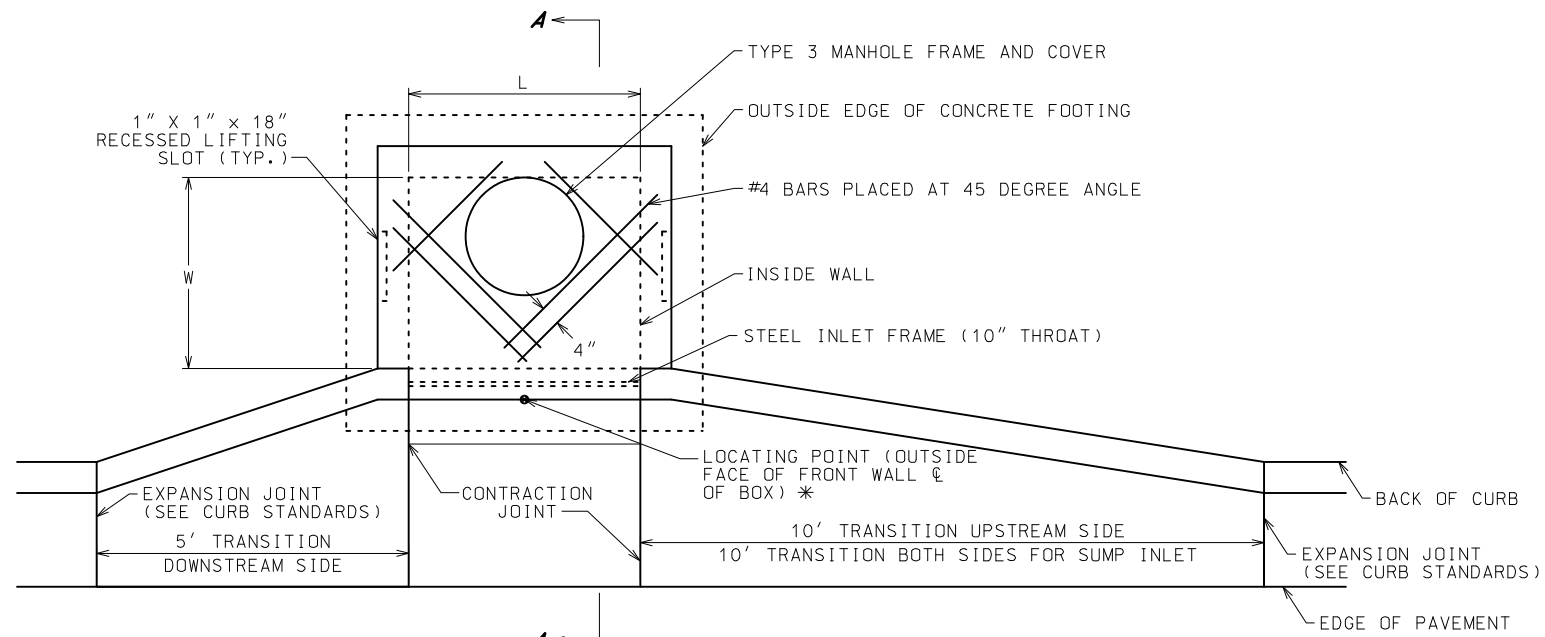
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

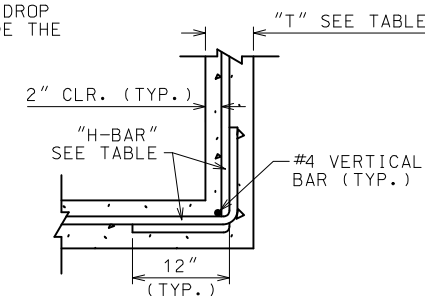


PLAN

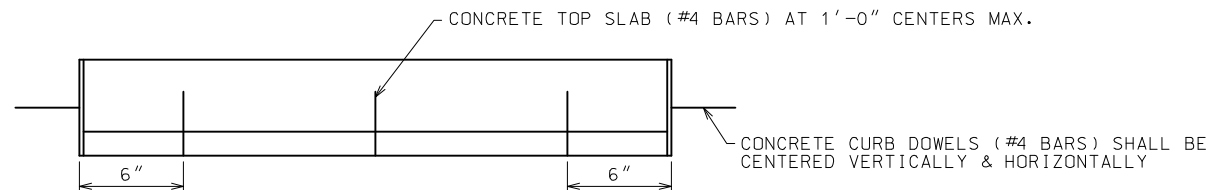
* LOCATING POINT FOR DROP INLETS & MANHOLES AT CENTER OF STRUCTURE

- GENERAL NOTES:**
1. THE FIRST DIMENSION LISTED IN THE CONSTRUCTION NOTES IS THE "L" DIMENSION. THE SECOND DIMENSIONAL IS THE "W" DIMENSION. "E" S LISTED ON THE PROJECT PLANS ARE LISTED AT THE INSIDE FACE OF THE WALL.
 2. THE LENGTH, WIDTH, AND DEPTH OF THE INLET SHALL BE AS SHOWN ON THE PLANS.
 3. FLOOR OF THE INLET SHALL BE SHAPED WITH INVERT TO PROVIDE SMOOTH FLOW (SEE STANDARD PLAN 731.10S FOR MORE INFORMATION).
 4. LOCATE MANHOLE FRAME AND COVER OVER OUTLET (SEE STANDARD PLAN 614.30E).
 5. BEVEL ALL EXPOSED EDGES WITH $\frac{3}{4}$ " CHAMFER OR $\frac{1}{2}$ " TOOLED EDGE.
 6. SEE STANDARD PLAN 731.10S FOR STEP DETAILS.
 7. ON-GRADE INLETS SHALL CONFORM TO THE STREET GRADE AND SUMP INLETS SHALL BE LEVEL.
 8. FORMED OR CUT-OUT OPENINGS SHALL BE PROVIDED WHERE PIPE INLETS AND OUTLETS ARE SHOWN ON THE PLANS.
 9. THE CONTRACTOR WILL BE PERMITTED TO PRECAST THE DROP INLETS CALLED FOR IN THE PLANS, TO THE DIMENSIONS REQUIRED FOR CAST IN PLACE DROP INLETS.
 10. NO DIRECT PAYMENT WILL BE MADE FOR REINFORCING STEEL.
 11. NO DIRECT PAYMENT WILL BE MADE FOR CUTTING PIPE NOR FOR CUTTING OR BENDING REINFORCED STEEL.
 12. THE REINFORCEMENT SHOWN IS THE MINIMUM REQUIRED. AT THE CONTRACTOR'S OPTION, ADDITIONAL REINFORCEMENT MAY BE USED.
 13. REINFORCING STEEL EDGE DISTANCE WILL BE $1\frac{1}{2}$ " UNLESS OTHERWISE SPECIFIED.
 14. NOT MORE THAN TWO LIFT HOLES OR LIFTING INSERTS MAY BE PROVIDED.
 15. CLASS 3 EXCAVATION WILL BE PAID WITHIN VERTICAL PLANES 18" OUTSIDE OF THE OUTER WALLS OF THE BASE SECTION OF THE DROP INLETS, CLASS 3 EXCAVATION WILL NOT BE PAID FOR OUTSIDE THE FOOTING LIMITS.

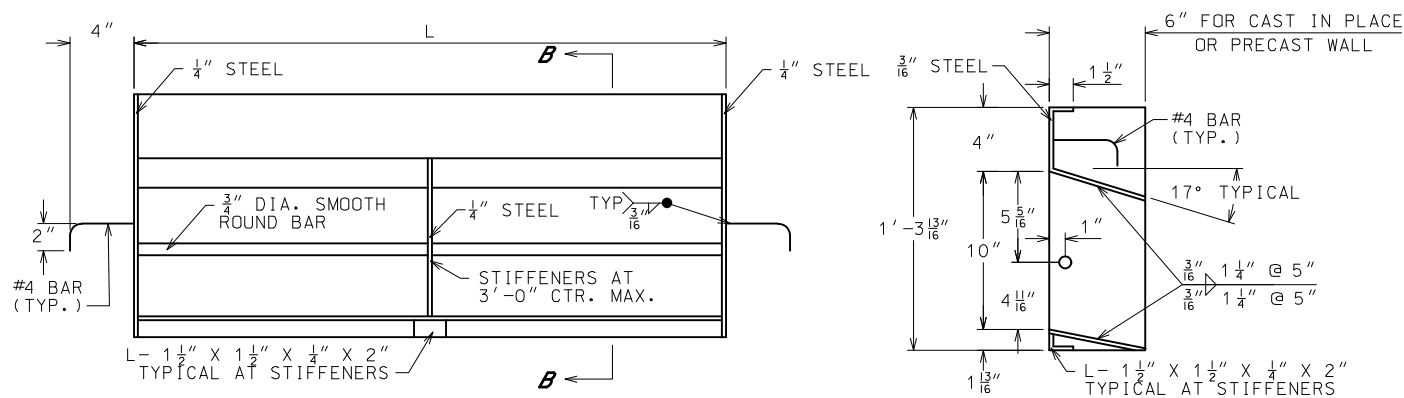
| SUMMARY TABLE | | | | |
|---------------|--------------------|------------------------|--------------------|------------------------|
| | 5' X 3' OR 5' X 4' | | 8' X 4' | |
| DEPTH | "T" WALL THICKNESS | "H" WALL HORIZ. REINF. | "T" WALL THICKNESS | "H" WALL HORIZ. REINF. |
| D ≤ 10' | 6" | #4 @ 12" | 6" | #5 @ 8" |
| 10' < D ≤ 15' | 6" | #5 @ 12" | -- | -- |
| 15' < D ≤ 20' | 6" | #5 @ 9" | -- | -- |



WALL CORNER DETAIL

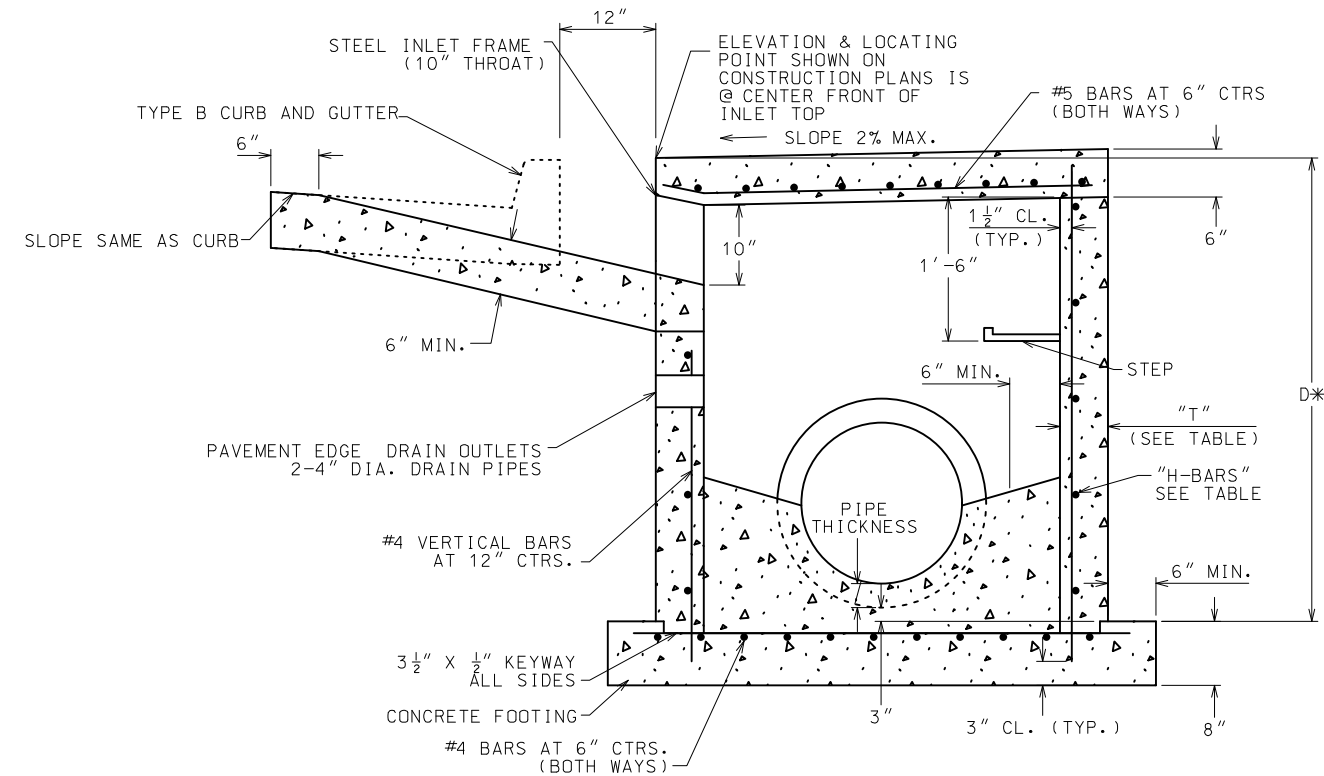


TOP VIEW



FRONT VIEW

SECTION B-B



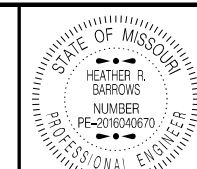
SECTION A-A

STEEL INLET FRAME NOTES:

1. ALL WELDS SHALL BE PERFORMED IN ACCORDANCE WITH APPROPRIATE AWS SPECIFICATIONS & PROCEDURES.
2. ALL WELDS ON EXPOSED SURFACES SHALL BE DRESSED SO AS TO PROVIDE A PLEASING FINISHING APPEARANCE.
3. THE ENTIRE FRAME SHALL BE GALVANIZED PER ASTM A-123.

* D = TOP ELEVATION - FLOWLINE ELEVATION + PIPE THICKNESS + 3"

SPECIAL SHEET
SPECIAL CURB INLET
SHEET 2 OF 5



HEATHER R. BARROWS
PROFESSIONAL ENGINEER
12/27/2024 3:28:31 PM
HEATHER R. BARROWS - CIVIL
MO-PE-2016040670

DATE PREPARED
12/27/2024

ROUTE **273** STATE **MO**

DISTRICT **KC** SHEET NO. **12**

COUNTY
PLATTE

JOB NO.
JKU0009

CONTRACT ID.

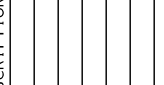
PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



HEATHER R. BARROWS
 PE-2016040670
 PROFESSIONAL ENGINEER

DATE PREPARED
 12/27/2024

ROUTE 273 STATE MO

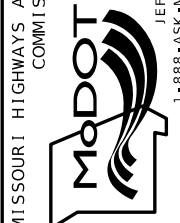
DISTRICT KC SHEET NO. 13

COUNTY PLATTE
 JOB NO. JKU0009
 CONTRACT ID.

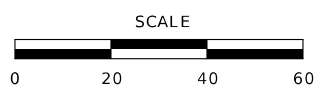
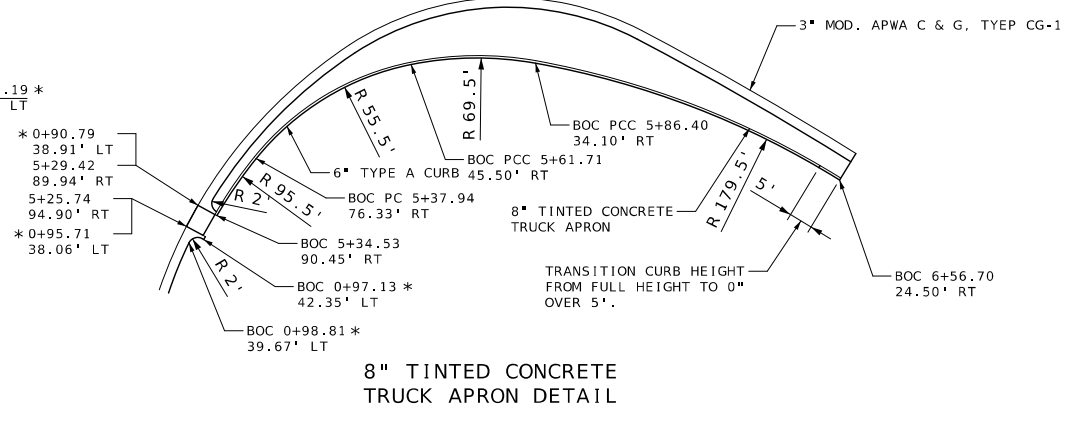
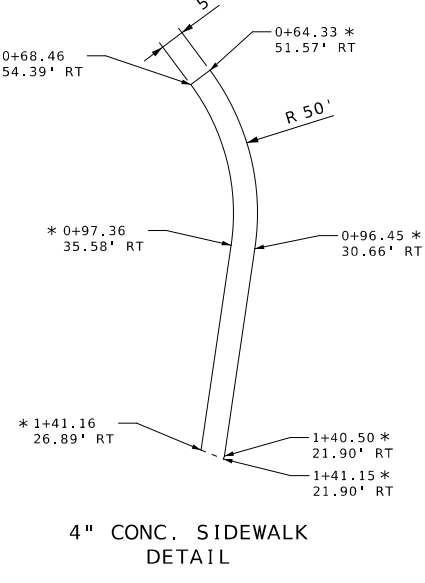
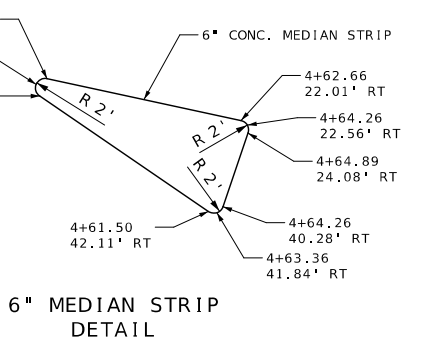
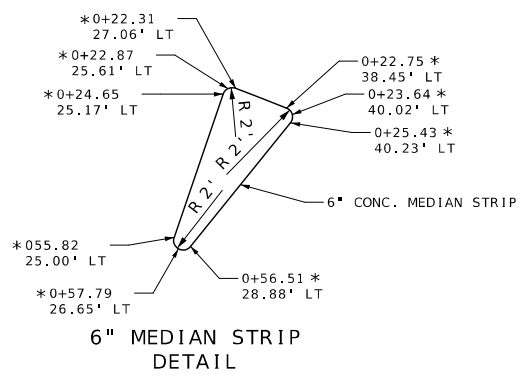
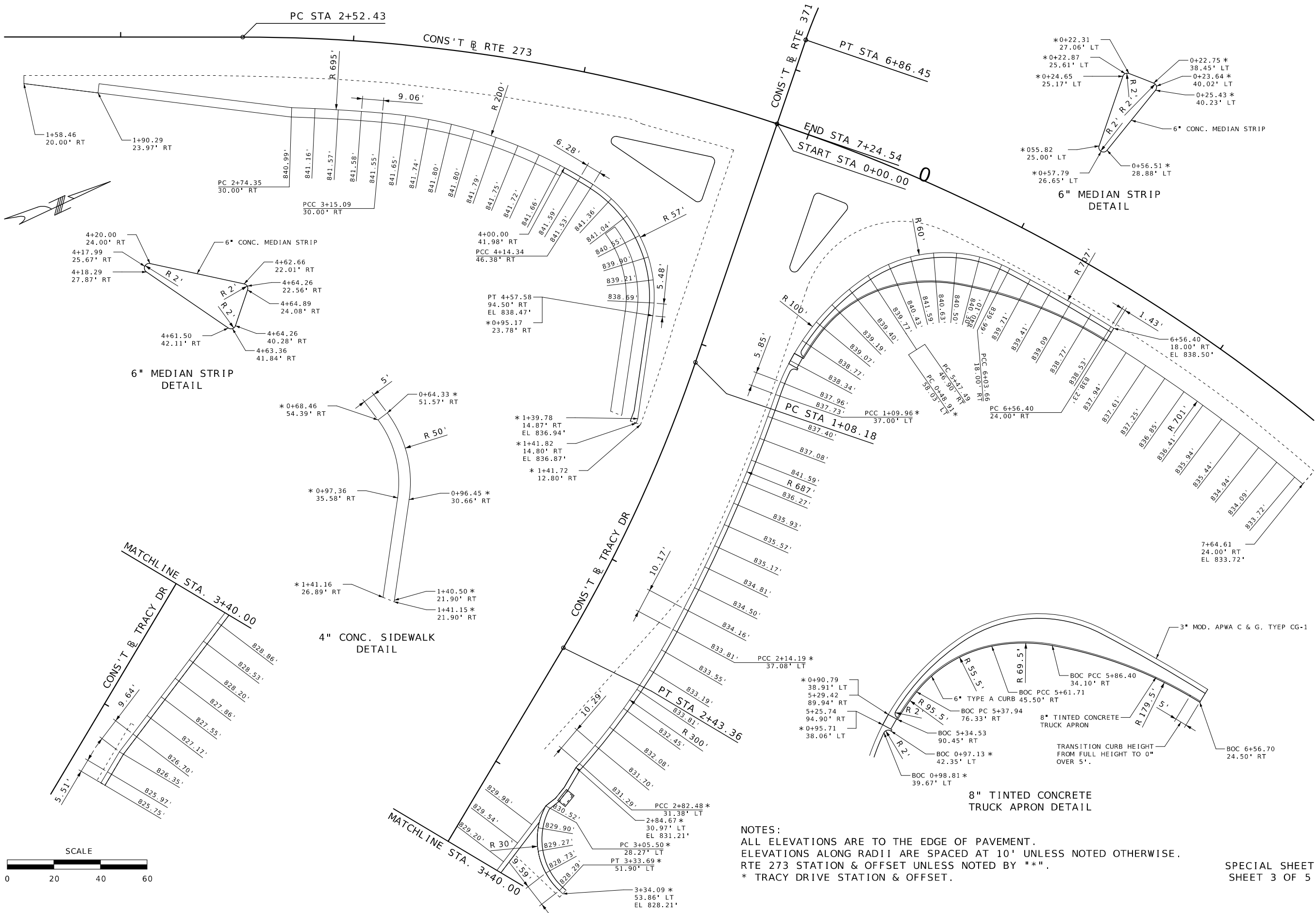
PROJECT NO.
 BRIDGE NO.

| DATE | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION
 COMMISSION

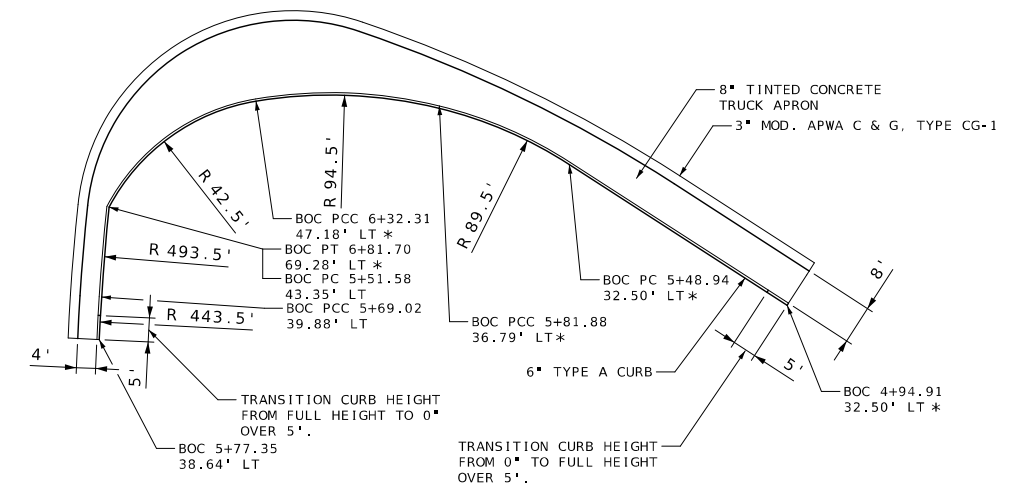
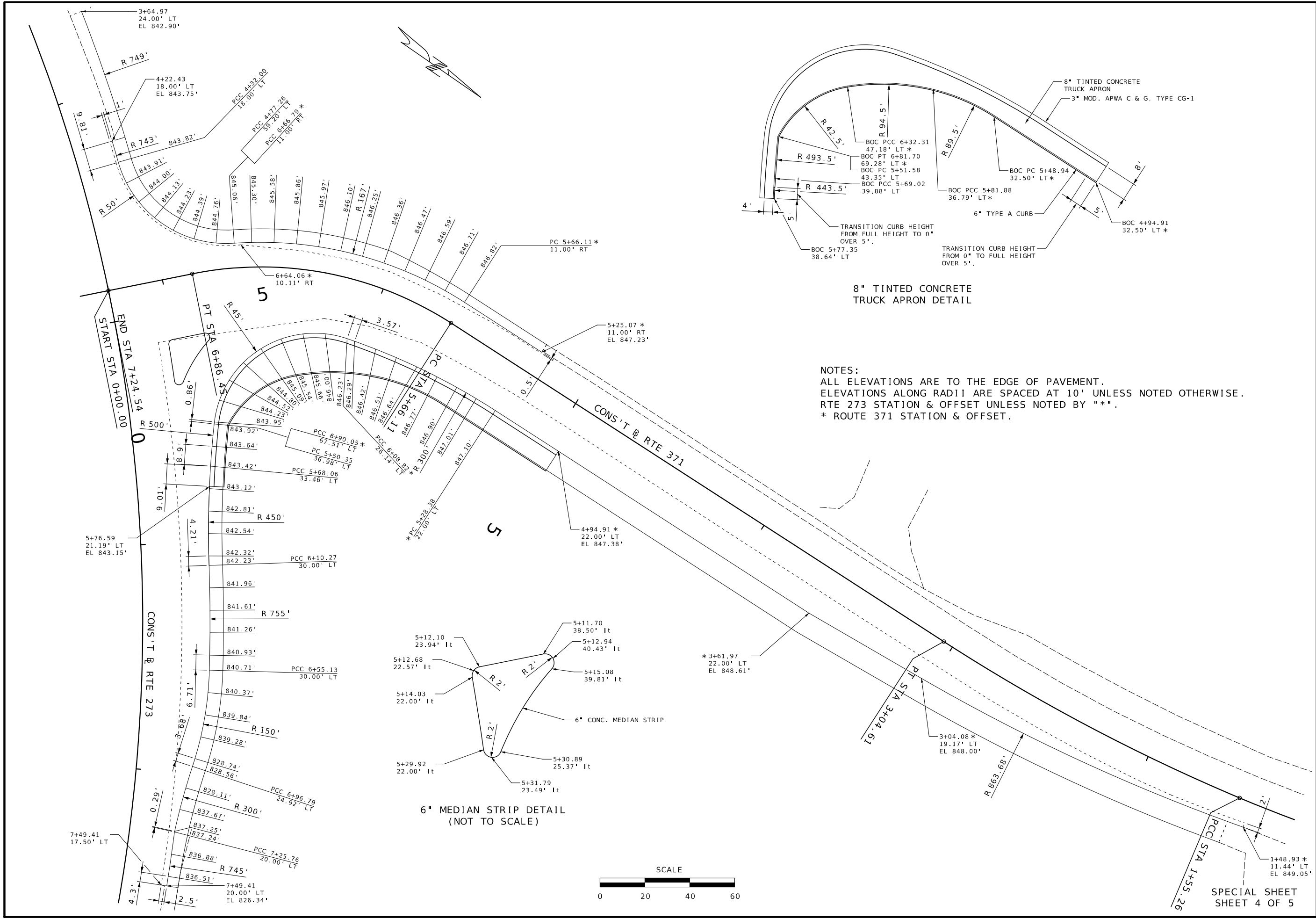


105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)



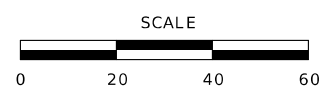
NOTES:
 ALL ELEVATIONS ARE TO THE EDGE OF PAVEMENT.
 ELEVATIONS ALONG RADII ARE SPACED AT 10' UNLESS NOTED OTHERWISE.
 RTE 273 STATION & OFFSET UNLESS NOTED BY "*",
 * TRACY DRIVE STATION & OFFSET.

SPECIAL SHEET
 SHEET 3 OF 5



NOTES:
 ALL ELEVATIONS ARE TO THE EDGE OF PAVEMENT.
 ELEVATIONS ALONG RADIUS ARE SPACED AT 10' UNLESS NOTED OTHERWISE.
 RTE 273 STATION & OFFSET UNLESS NOTED BY "**".
 * ROUTE 371 STATION & OFFSET.

**6" MEDIAN STRIP DETAIL
 (NOT TO SCALE)**



HEATHER R. BARRONS
 PE-2016040670
 12/27/2024 3:29:28 PM
 HEATHER R. BARRONS - CIVIL
 MO-PE-2016040670

DATE PREPARED
 12/27/2024

ROUTE 273 STATE MO
 DISTRICT KC SHEET NO. 14

COUNTY PLATTE
 JOB NO. JKU0009
 CONTRACT ID.

PROJECT NO.
 BRIDGE NO.

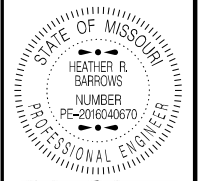
| DATE | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |
| | |
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION
 COMMISSION

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

SPECIAL SHEET
 SHEET 4 OF 5

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



Heather R. Barrows
12/27/2024 3:30:02 PM
HEATHER R. BARROWS - CIVIL
MO-PE-2016040670

DATE PREPARED
12/27/2024

ROUTE STATE
273 MO

DISTRICT SHEET NO.
KC 15

COUNTY
PLATTE

JOB NO.
JKU0009

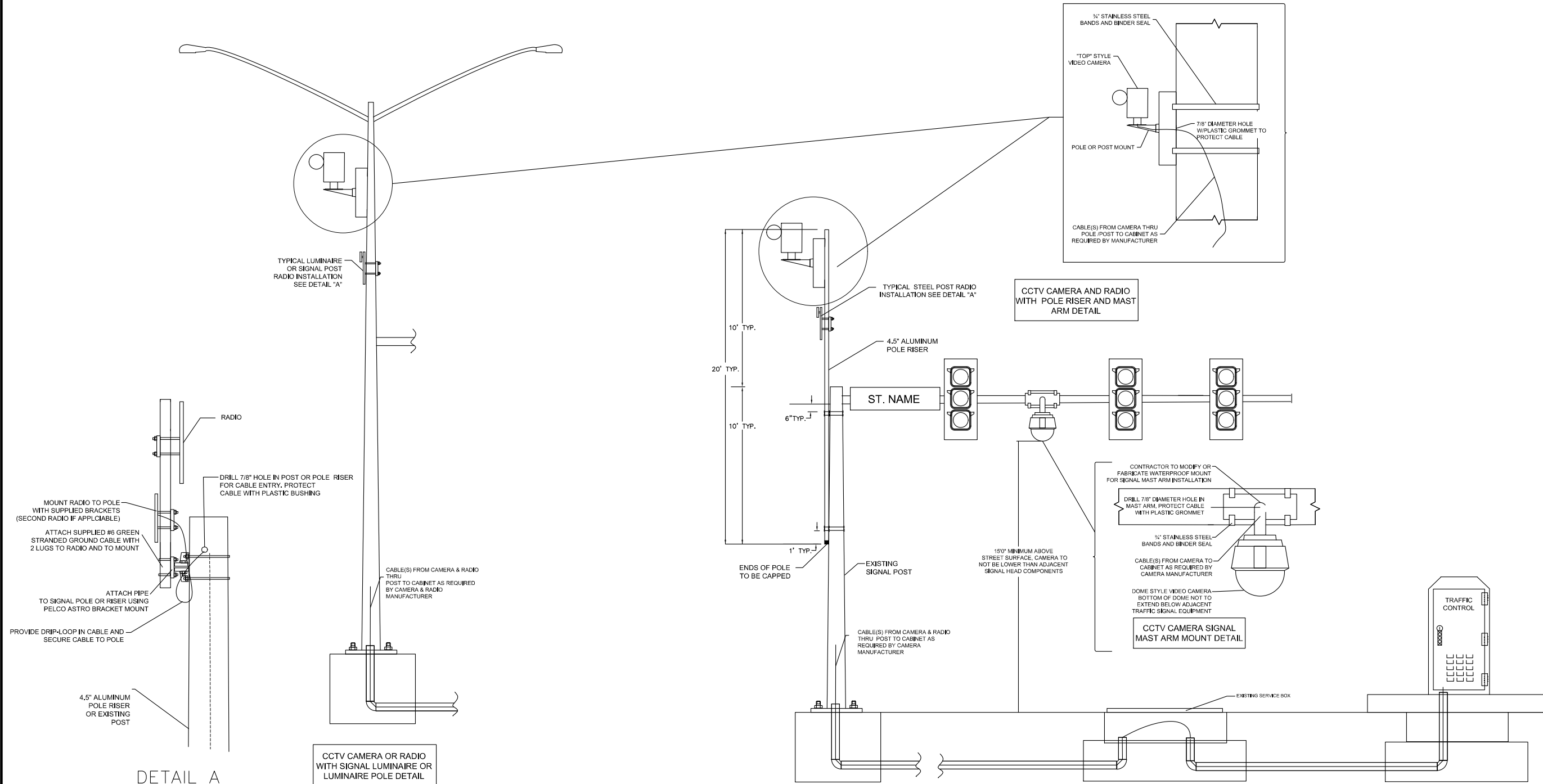
CONTRACT ID.

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)



DETAIL A

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

Sign Spacing, Device Spacing and Channelizing Taper Lengths

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

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

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

TAPER LENGTH (L):
 $L = WS$ FOR 40 MPH OR MORE
 $L = \frac{WS^2}{60}$ FOR 35 MPH OR LESS
 FOR SHOULDER TAPER USE L/3

WHERE:
 L = TAPER LENGTH IN FEET
 W = LATERAL SHIFT IN FEET
 S = POSTED SPEED IN MPH

NOTES:

DIMENSIONS IN FEET UNLESS OTHERWISE NOTED.









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

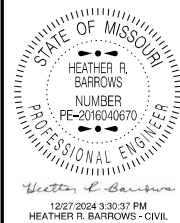
TRAFFIC CONTROL DEVICES

GENERAL NOTES:

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

TRAFFIC CONTROL LEGEND

-  SIGN (SINGLE SIDED)
-  SIGN (DOUBLE SIDED)
-  FLAGGER
-  DIRECTIONAL INDICATOR BARRICADE
-  CHANNELIZER
-  BARRICADE
-  CHANGEABLE MESSAGE BOARD
-  TRUCK MOUNTED ATTENUATOR W/ FLASHING ARROW



DATE PREPARED
12/27/2024

ROUTE 273 STATE MO

DISTRICT KC SHEET NO. 16

COUNTY PLATTE

JOB NO. JKU0009


CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



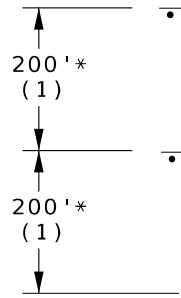
105 WEST CAPITOL JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

**Intersection Improvements
WINTER 2025**

CONST-5-96 (2)

**WORK ZONE
NO PHONE
ZONE**

SPECIAL (3)



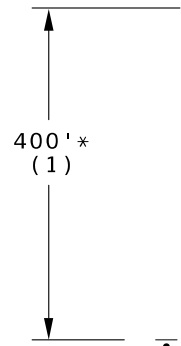
**END
ROAD WORK**

GO20-2
(26)

END OF PROJECT LIMITS;
END OF WORK ZONE
TERMINATION AREA, IF
LOCATED BEYOND END
OF PROJECT; OR LAST
WORK ZONE SIGN, IF
LOCATED OUTSIDE
PROJECT LIMITS.



BEGINNING OF PROJECT LIMITS;
OR INITIAL WORK ZONE SIGN, IF
LOCATED OUTSIDE PROJECT LIMITS.



**END
ROAD WORK**

GO20-2
(26)

**WORK ZONE
NO PHONE
ZONE**

SPECIAL (3)

**Intersection Improvements
WINTER 2025**

CONST-5-96 (2)

TWO-LANE UNDIVIDED

NOTES:

SIGN G020-1 IS REQUIRED PER EPG 616.6.56.

SIGN G020-2 IS USED ON ALL PROJECTS WHERE SIGN G020-1 IS USED.

OTHER SIGNS SUCH AS DETOUR OR ALTERNATE ROUTE SIGNING MAY BE USED OUTSIDE THE PROJECT LIMITS.

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

* SIGN SPACING FOR ROUTE 273 AND TRACY DRIVE. USE 500' AND 1000' SIGN SPACING FOR ROUTE 371.

(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-5-96 OR CONST-5-48 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 THE "NO PHONE ZONE" SIGN.

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



DATE PREPARED
12/27/2024

| | |
|----------------|-----------------|
| ROUTE 273 | STATE MO |
| DISTRICT KC | SHEET NO. 17 |

COUNTY
PLATTE

JOB NO.
JKU0009

CONTRACT ID.

PROJECT NO.

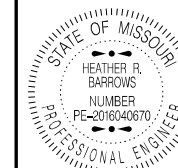
BRIDGE NO.

| DATE | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

NOT TO SCALE



HEATHER R. BARROWS
NUMBER
PE-2016040670
PROFESSIONAL ENGINEER

DATE PREPARED
12/27/2024 3:31:53 PM
HEATHER R. BARROWS - CIVIL
MO-PE-2016040670

12/27/2024

ROUTE 273 STATE MO

DISTRICT KC SHEET NO. 18

COUNTY PLATTE

JOB NO. JKU0009

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-273-6636)

MoDOT

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo

MoDOT logo



WO21-5
(21)



WO20-1
(2)

BRIDGE
OR
RAMP



GO20-5aP
(54)



WO5-1
(43)

BRIDGE
OR
RAMP

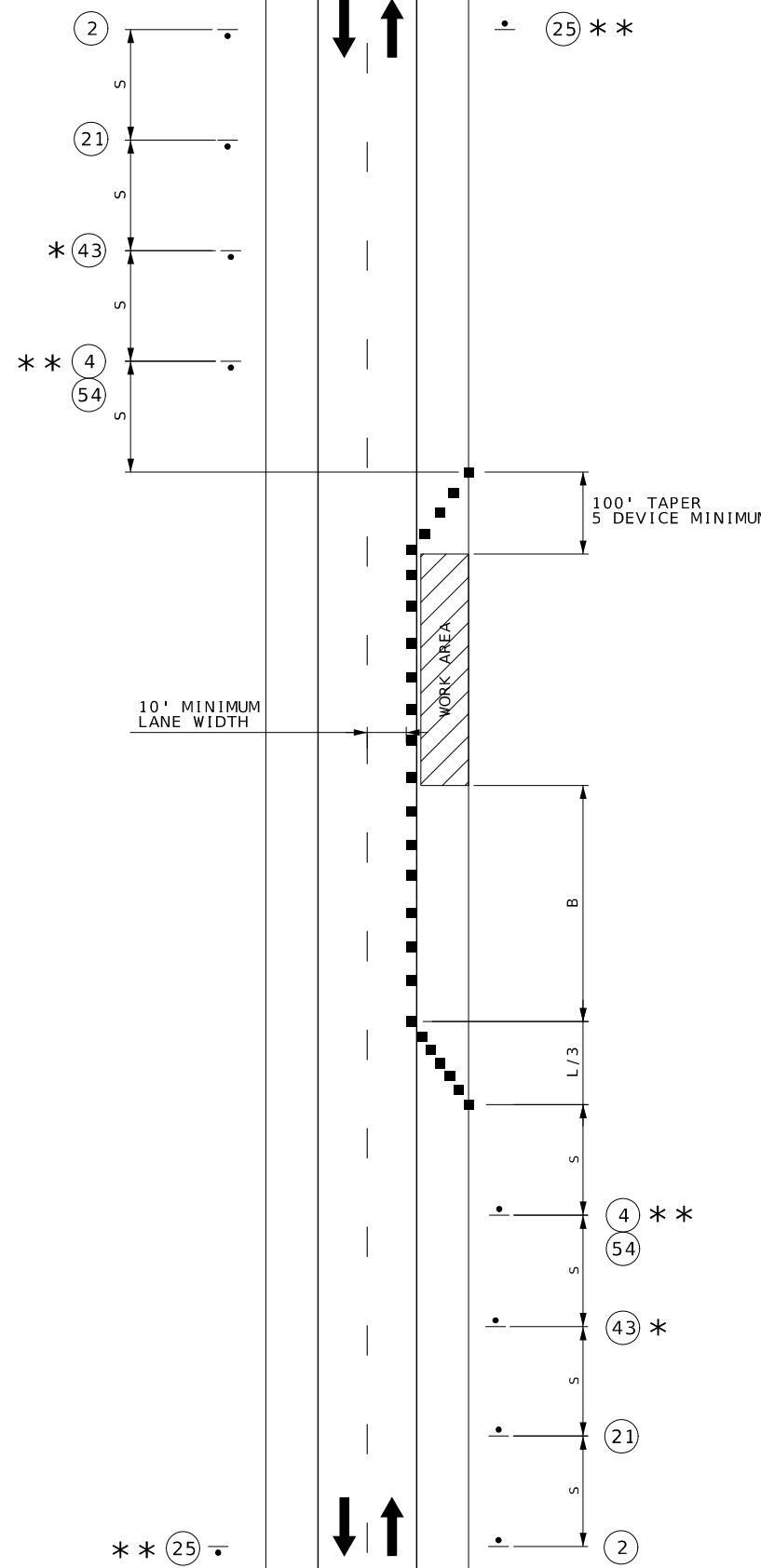


R2-1
(4)



R2-1
NORMAL SPEED
(25)

** SIGNS #4 AND #25 APPLICABLE TO ROUTE 371 ONLY.
NO WORK ZONE SPEED REDUCTION ON ROUTE 273 OR TRACY DRIVE.



WO21-5
(21)

S OR SA
(21)

WORK BEYOND THE SHOULDER
(UNDIVIDED OR DIVIDED HIGHWAY)

SHOULDER WORK
(UNDIVIDED HIGHWAY)

NOTES:
WARNING SIGNS SHALL BE ERECTED AT EACH INTERSECTION WITH ANOTHER STATE HIGHWAY WITHIN THE WORK ZONE.

ADDITIONAL WARNING SIGNS SHALL BE ERECTED AT OTHER INTERSECTIONS WITHIN THE WORK ZONE, AS DIRECTED BY THE ENGINEER.

**PILOT CAR
IN USE
WAIT & FOLLOW**

6020-4a
(58)

SHALL BE USED ON ALL INTERSECTIONS.

* THE SMALLER 18" X 12" SIGN 58 IS USED ON ALL OTHER NON-STATE ROUTES (CITY STREETS, COUNTY ROADS, ETC.).

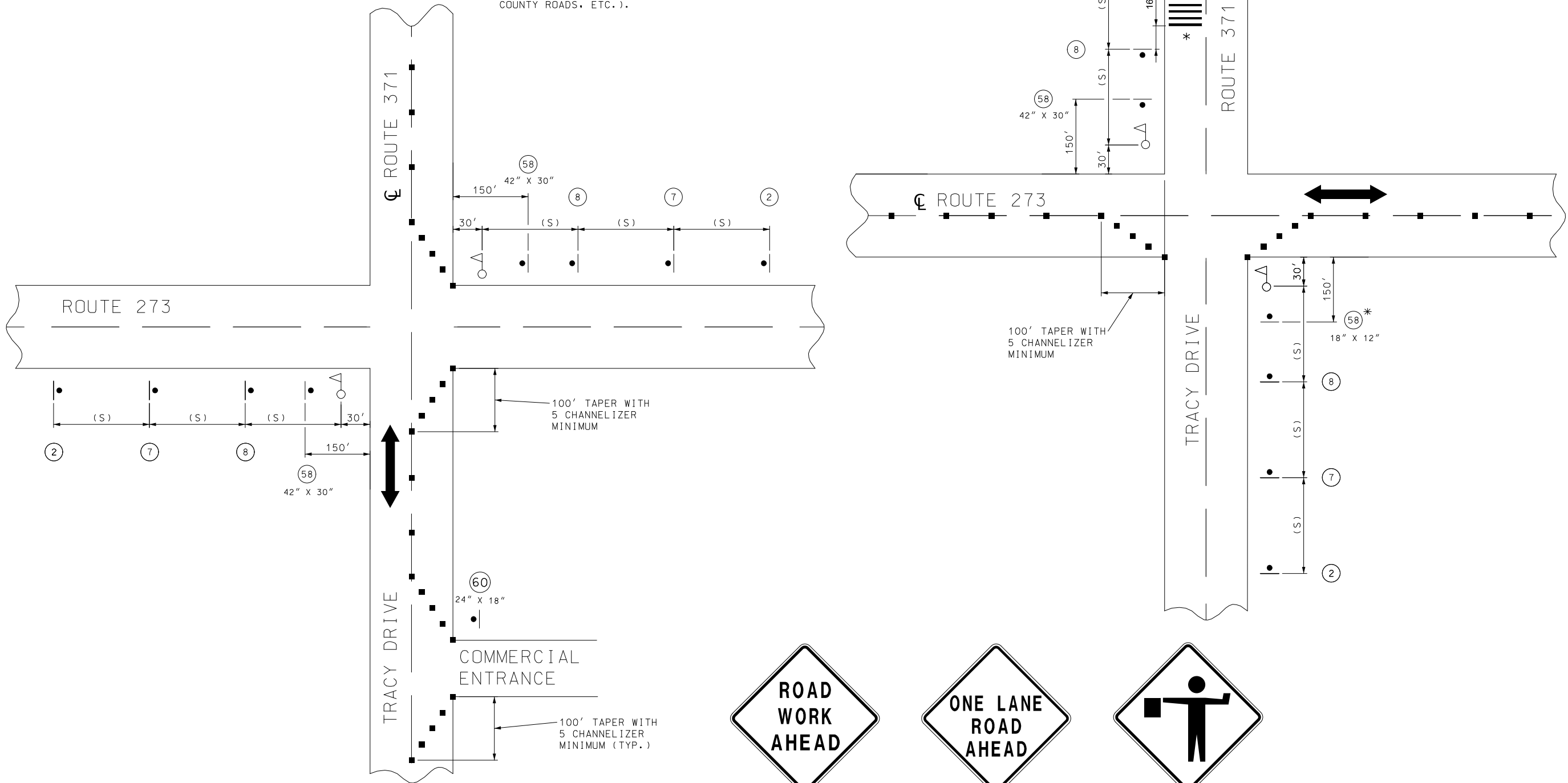
**PILOT CAR
IN USE
WAIT & FOLLOW**

24" X 18"
(60)

SHALL ONLY BE USED AT PRIVATE AND COMMERCIAL ENTRANCES. SEE STD PLAN 616.10 FOR SIGN DETAILS.

NOT TO SCALE

- * TEMPORARY LONG-TERM RUMBLE STRIPS
- (1) TEMPORARY RUMBLE STRIPS SHALL BE ORANGE IN COLOR.
 - (2) RUMBLE SET DISTANCE FROM FLAGGER SIGN WILL BE 160'
 - (3) A SET OF TEMPORARY LONG-TERM RUMBLE STRIPS CONSIST OF 5 STRIPS SEPARATED AT 10-12 FT. ON CENTER.



WO20-1
(2)

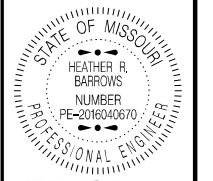


WO20-4
(7)



WO20-7a
(8)

SIDE ROADS ENTERING WORK ZONES



HEATHER R. BARROWS
12/27/2024 3:32:23 PM
HEATHER R. BARROWS - CIVIL
MO-PE-2016040670

DATE PREPARED
12/27/2024

ROUTE 273 STATE MO
DISTRICT KC SHEET NO. 19

COUNTY PLATTE

JOB NO. JKU0009

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

NOT TO SCALE



HEATHER R. BARROWS
 NUMBER PE-2016040670
 PROFESSIONAL ENGINEER

DATE PREPARED

12/27/2024

ROUTE 273 STATE MO

DISTRICT KC SHEET NO. 20

COUNTY PLATTE

JOB NO. JKU0009

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

NOTES:

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

PROTECTIVE TRUCKS 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.

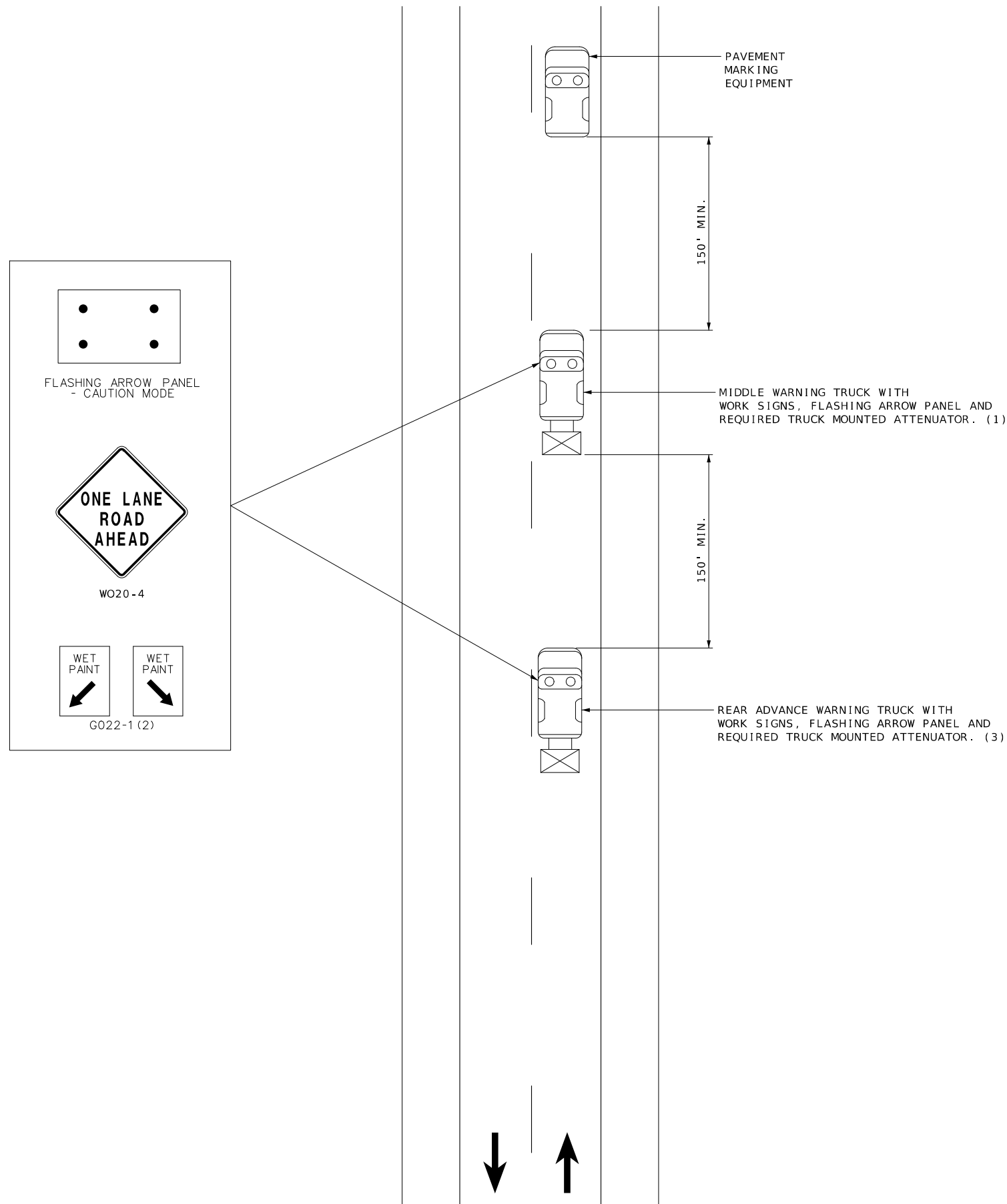
VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

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

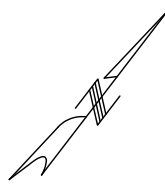
(1) TRUCK IS OPTIONAL ON TWO-LANE UNDIVIDED HIGHWAYS IF SIGNING AND ARROW BOARD ARE MOUNTED ON THE PAVEMENT MARKING EQUIPMENT.

(2) 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.

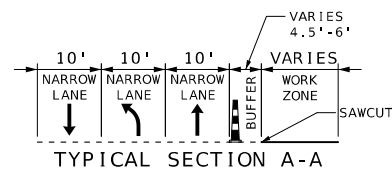
(3) REAR WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL, OR VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE, OR SPACING SHOWN, WHICHEVER IS GREATER.



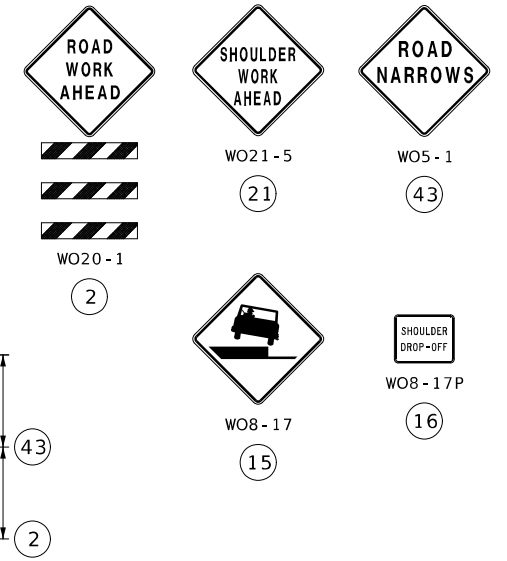
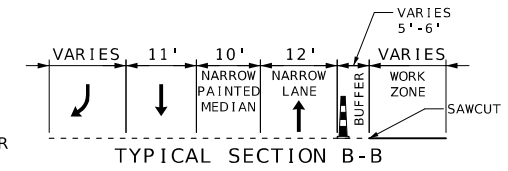
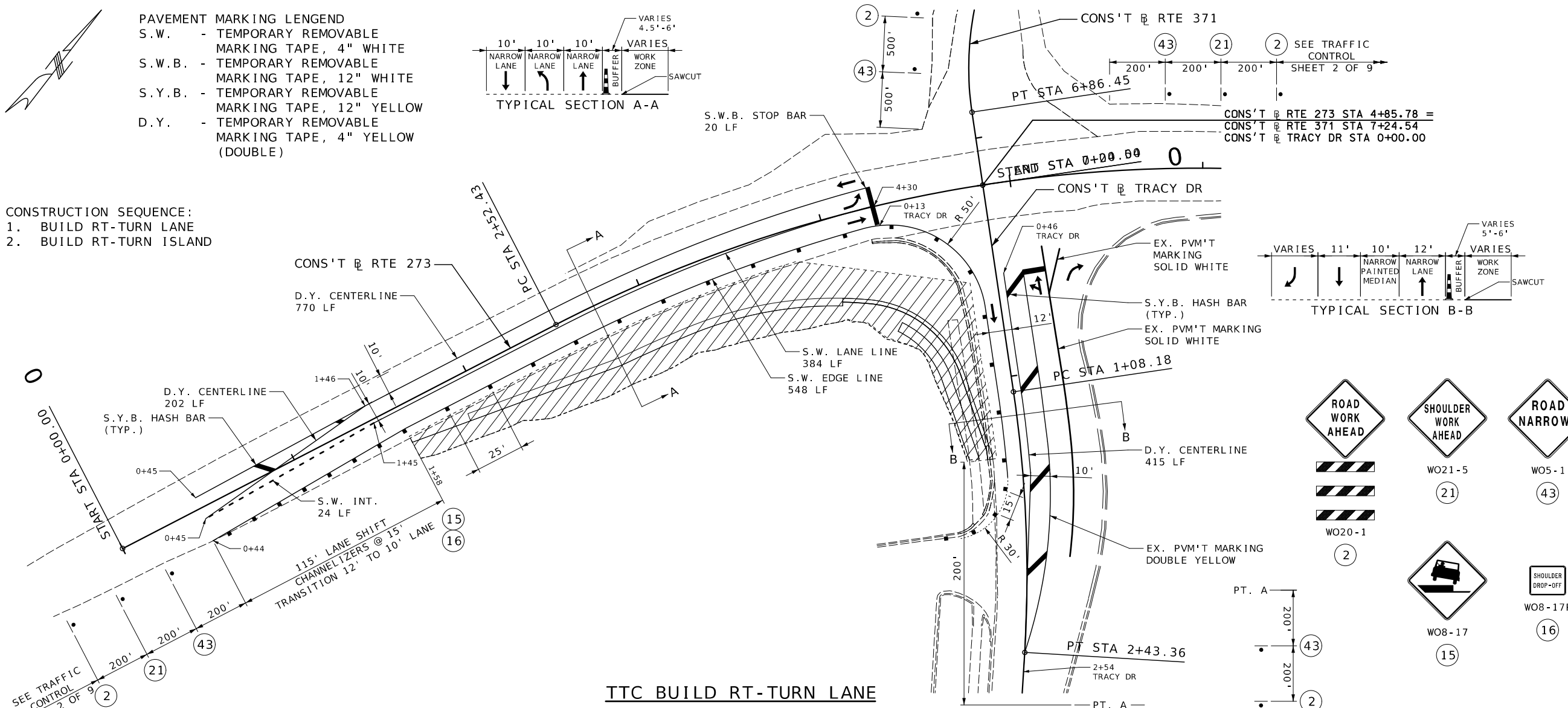
STRIPING ON TWO-LANE HIGHWAY



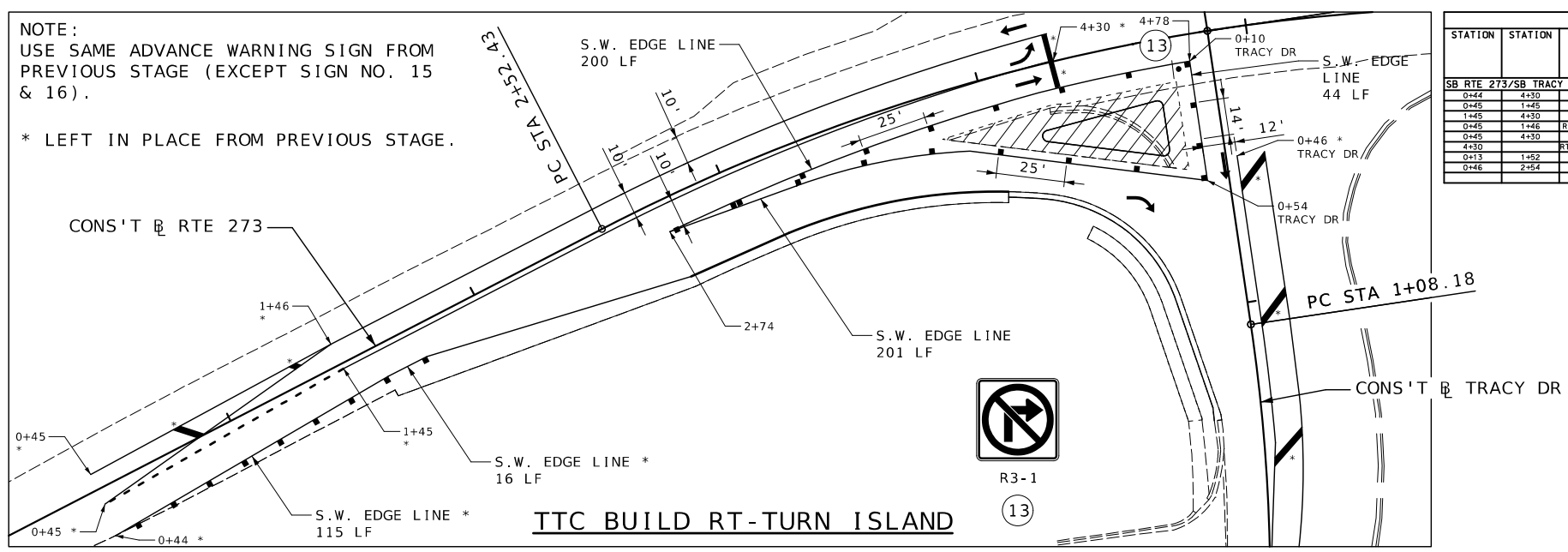
- PAVEMENT MARKING LENDG**
- S.W. - TEMPORARY REMOVABLE MARKING TAPE, 4" WHITE
 - S.W.B. - TEMPORARY REMOVABLE MARKING TAPE, 12" WHITE
 - S.Y.B. - TEMPORARY REMOVABLE MARKING TAPE, 12" YELLOW
 - D.Y. - TEMPORARY REMOVABLE MARKING TAPE, 4" YELLOW (DOUBLE)



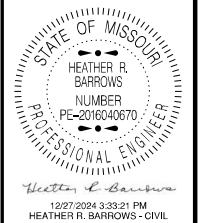
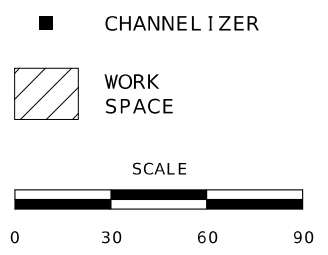
- CONSTRUCTION SEQUENCE:**
1. BUILD RT-TURN LANE
 2. BUILD RT-TURN ISLAND



NOTE:
 USE SAME ADVANCE WARNING SIGN FROM PREVIOUS STAGE (EXCEPT SIGN NO. 15 & 16).
 * LEFT IN PLACE FROM PREVIOUS STAGE.



| STATION | STATION | SIDE | LOCATION | TEMPORARY PAVEMENT MARKING | | | | REMARK |
|--|---------|---------|-------------------|----------------------------|-----------|-------------|--------------------|---------------------|
| | | | | WHITE LF | YELLOW LF | STOP BAR LF | YELLOW HASH BAR LF | |
| SB RTE 273/SB TRACY DR - SOUTH QUADRANT | | | | | | | | |
| 0+44 | 4+30 | RT | CONS'T B RTE 273 | 383 | | | | WHITE EDGE LINE |
| 0+45 | 1+45 | RT | CONS'T B RTE 273 | 24 | | | | WHITE INTERMITTENT |
| 1+45 | 4+30 | RT | CONS'T B RTE 273 | 283 | | | | RT-TURN LANE LINE |
| 0+45 | 1+46 | RT & LT | CONS'T B RTE 273 | 202 | | | 13 | DOUBLE YELLOW TAPER |
| 0+45 | 4+30 | LT | CONS'T B RTE 273 | 770 | | | | DOUBLE YELLOW |
| 4+30 | 1+46 | RT & LT | CONS'T B RTE 273 | | | 20 | | DOUBLE YELLOW |
| 0+13 | 1+52 | LT | CONS'T B TRACY DR | 165 | | | | WHITE EDGE LINE |
| 0+46 | 2+54 | LT | CONS'T B TRACY DR | 415 | | | 58 | DOUBLE YELLOW |
| SUBTOTAL | | | | 855 | 1387 | 20 | 71 | |
| PAY TOTAL | | | | INFORMATION PURPOSE ONLY | | | | |

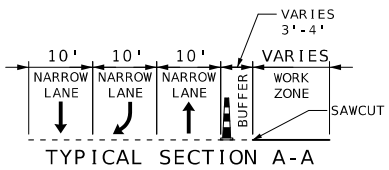
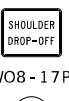
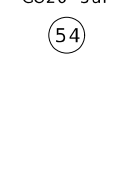
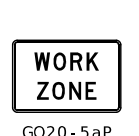
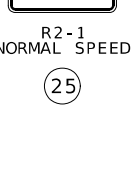
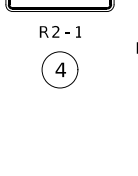
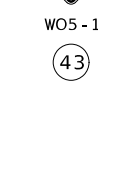
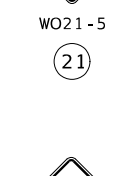
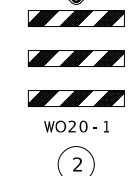


DATE PREPARED: 12/27/2024
 ROUTE: 273 STATE: MO
 DISTRICT: KC SHEET NO.: 21
 COUNTY: PLATTE
 JOB NO.: JKU0009
 CONTRACT ID.:
 PROJECT NO.:
 BRIDGE NO.:

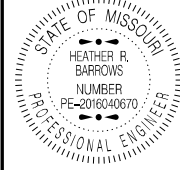
| DESCRIPTION | DATE |
|-------------|------|
| | |
| | |
| | |
| | |
| | |

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

PAVEMENT MARKING LENDG
 S.W. - TEMPORARY REMOVABLE MARKING TAPE, 4" WHITE
 S.W.B. - TEMPORARY REMOVABLE MARKING TAPE, 12" WHITE
 D.Y. - TEMPORARY REMOVABLE MARKING TAPE, 4" YELLOW (DOUBLE)



| STATION | STATION | SIDE | LOCATION | TEMPORARY MARKING | | | REMARK |
|---|---------|---------|------------------|--------------------------|-----------|-------------|-------------------|
| | | | | WHITE LF | YELLOW LF | STOP BAR LF | |
| SB RTE 371 / NB RTE 273 - WEST QUADRANT | | | | | | | |
| 4+15 | 4+30 | RT | CONS'T B RTE 273 | 16 | | 10 | EDGE LINE |
| 2+52 | 4+30 | RT | CONS'T B RTE 273 | 176 | | 10 | LT-TURN LANE LINE |
| 2+93 | 4+30 | LT | CONS'T B RTE 273 | | 276 | | DOUBLE YELLOW |
| 2+73 | 4+63 | LT | CONS'T B RTE 273 | 197 | | | EDGE LINE |
| -1+16 | 7+00 | RT | CONS'T B RTE 371 | 746 | | | EDGE LINE |
| 6+85 | 6+85 | RT & LT | CONS'T B RTE 371 | | | 14 | STOP BAR |
| -0+56 | 6+85 | CENTER | CONS'T B RTE 371 | | 1473 | | DOUBLE YELLOW |
| 3+18 | 5+73 | LT | CONS'T B RTE 371 | 255 | | | EDGE LINE |
| SUBTOTAL | | | | 1389 | 1749 | 34 | |
| PAY TOTAL | | | | INFORMATION PURPOSE ONLY | | | |



HEATHER R. BARROWS
 NUMBER PE-2016040670
 PROFESSIONAL ENGINEER

DATE PREPARED
 12/27/2024

ROUTE 273 STATE MO

DISTRICT KC SHEET NO. 22

COUNTY PLATTE

JOB NO. JKU0009

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

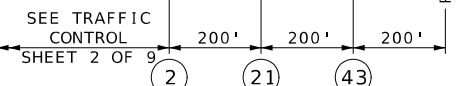
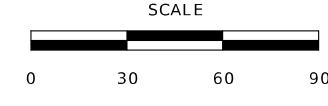
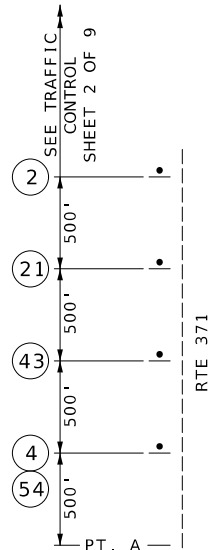
DATE

DESCRIPTION

DATE

DESCRIPTION

DATE



TTC BUILD WEST QUADRANT

TRAFFIC CONTROL SHEET
 WEST QUADRANT
 SHEET 7 OF 10

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



HEATHER R. BARROWS
 NUMBER
 PE-2016040670
 PROFESSIONAL ENGINEER

DATE PREPARED
 12/27/2024
 ROUTE
 273
 STATE
 MO

DISTRICT
 KC
 SHEET NO.
 23
 COUNTY
 PLATTE
 JOB NO.
 JKU0009
 CONTRACT ID.

PROJECT NO.
 BRIDGE NO.

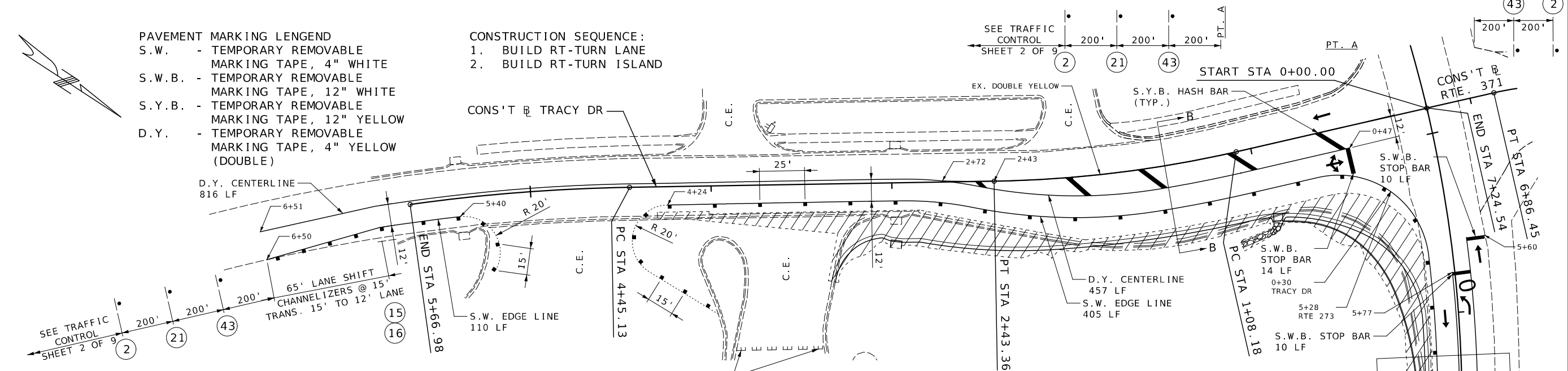
| DATE | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

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

TRAFFIC CONTROL SHEET
 EAST QUADRANT
 SHEET 8 OF 10

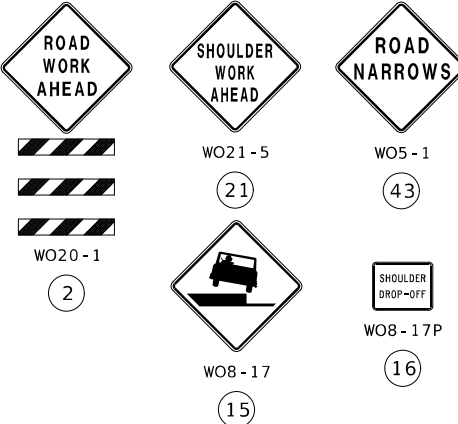
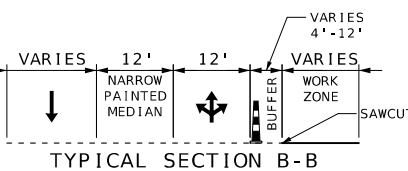
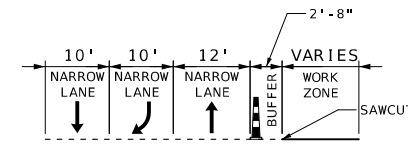
PAVEMENT MARKING LENDG
 S.W. - TEMPORARY REMOVABLE MARKING TAPE, 4" WHITE
 S.W.B. - TEMPORARY REMOVABLE MARKING TAPE, 12" WHITE
 S.Y.B. - TEMPORARY REMOVABLE MARKING TAPE, 12" YELLOW
 D.Y. - TEMPORARY REMOVABLE MARKING TAPE, 4" YELLOW (DOUBLE)

CONSTRUCTION SEQUENCE:
 1. BUILD RT-TURN LANE
 2. BUILD RT-TURN ISLAND



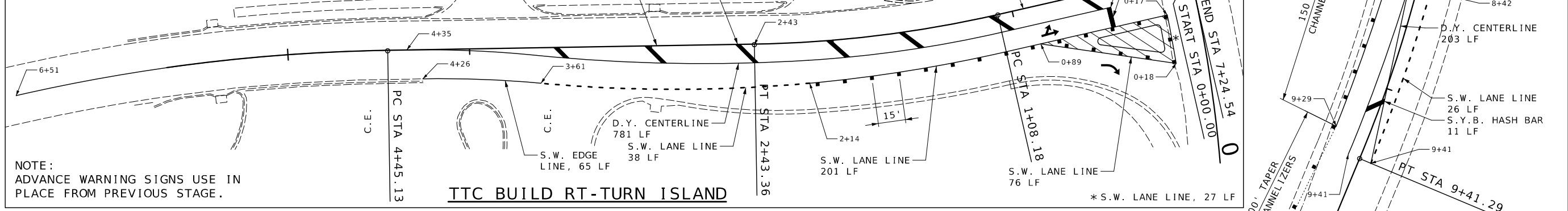
TTC BUILD RT-TURN LANE

- TYPE III MOVABLE BARRICADE
- CHANNELIZER
- WORK SPACE



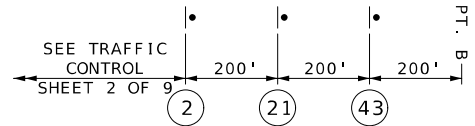
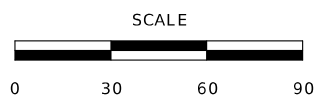
| TEMPORARY PAVEMENT MARKING | | | | | | |
|---|---------|---------|-------------------|--------------------------|-----------|-----------------------------|
| STATION | STATION | SIDE | LOCATION | WHITE LF | YELLOW LF | REMARK |
| NB TRACY DR / SB RTE 273 - EAST QUADRANT RT-TURN LANE | | | | | | |
| 5+28 | 9+29 | RT | CONS'T & RTE 273 | 398 | | WHITE EDGE LINE |
| 5+77 | 9+41 | RT | CONS'T & RTE 273 | 725 | 10 | DOUBLE YELLOW |
| 8+40 | 9+41 | RT & LT | CONS'T & RTE 273 | 203 | | DOUBLE YELLOW TAPER |
| 5+60 | 8+42 | LT | CONS'T & RTE 273 | 286 | 10 | WHITE LANE LINE |
| 8+42 | 9+41 | LT | CONS'T & RTE 273 | 25 | | INTERMITTENT WHITE |
| 2+43 | 6+51 | RT | CONS'T & TRACY DR | 816 | | DOUBLE YELLOW |
| 0+47 | 2+72 | LT | CONS'T & TRACY DR | 457 | 14 | DOUBLE YELLOW MEDIAN BUBBLE |
| 0+30 | 4+24 | LT | CONS'T & TRACY DR | 405 | | WHITE EDGE LINE |
| 5+40 | 6+50 | LT | CONS'T & TRACY DR | 110 | | WHITE EDGE LINE |
| SUBTOTAL | | | | 1224 | 2201 | 34 |
| PAY TOTAL | | | | INFORMATION PURPOSE ONLY | | |

| TEMPORARY PAVEMENT MARKING | | | | | | |
|---|---------|--------|-------------------|--------------------------|-----------|-----------------------------|
| STATION | STATION | SIDE | LOCATION | WHITE LF | YELLOW LF | REMARK |
| NB TRACY DR / SB RTE 273 - EAST QUADRANT RT-TURN ISLAND | | | | | | |
| 2+43 | 6+51 | CENTER | CONS'T & TRACY DR | 434 | | DOUBLE YELLOW |
| 0+47 | 4+35 | LT | CONS'T & TRACY DR | 781 | 11 | DOUBLE YELLOW MEDIAN BUBBLE |
| 0+17 | 2+14 | LT | CONS'T & TRACY DR | 201 | | WHITE LANE LINE |
| 2+14 | 3+61 | LT | CONS'T & TRACY DR | 38 | | INTERMITTENT WHITE |
| 3+61 | 4+26 | LT | CONS'T & TRACY DR | 65 | | WHITE EDGE LINE |
| 0+17 | 0+18 | LT | CONS'T & TRACY DR | 27 | | WHITE LANE LINE |
| 0+18 | 0+89 | LT | CONS'T & TRACY DR | 76 | | WHITE LANE LINE |
| SUBTOTAL | | | | 407 | 1215 | 11 |
| PAY TOTAL | | | | INFORMATION PURPOSE ONLY | | |



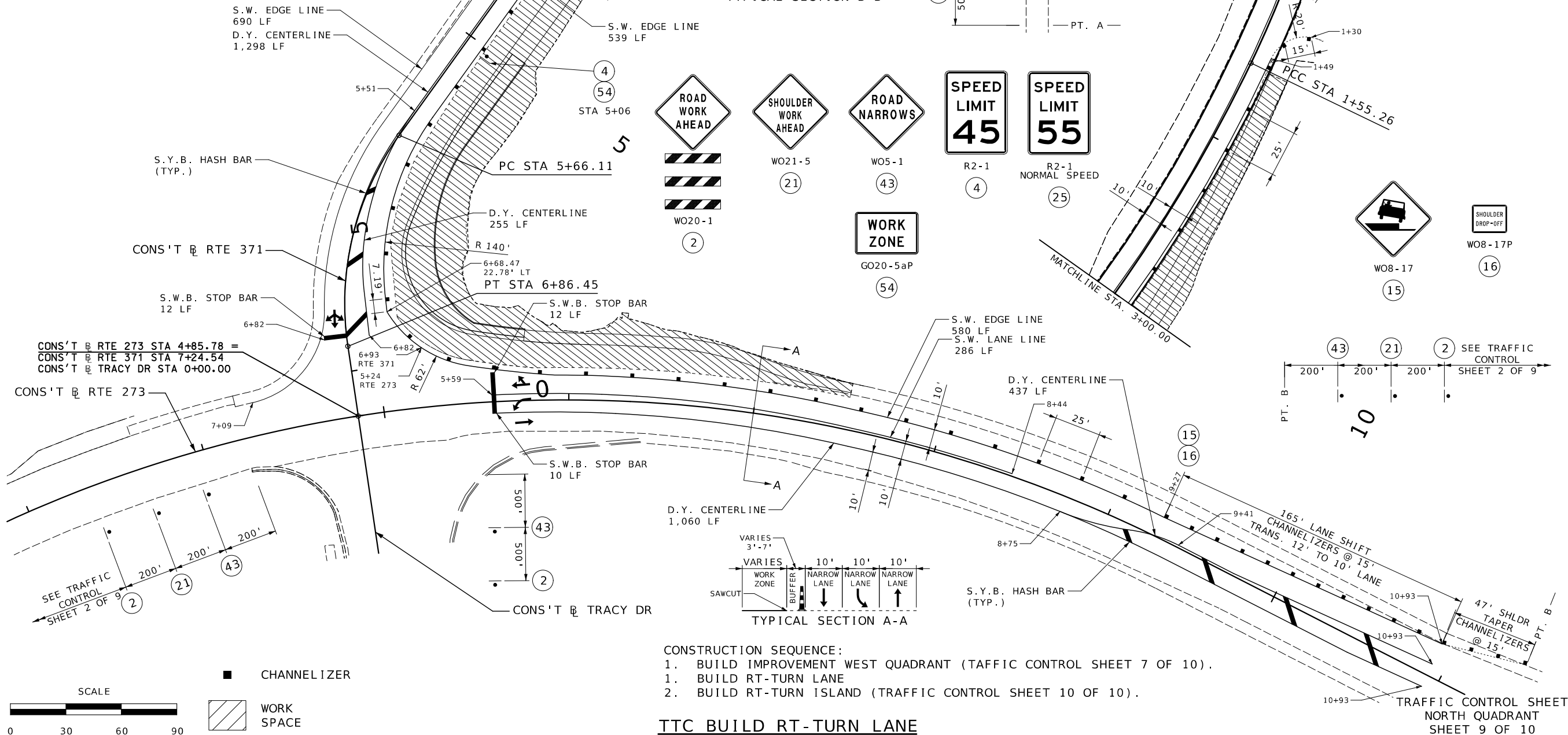
TTC BUILD RT-TURN ISLAND

NOTE:
 ADVANCE WARNING SIGNS USE IN PLACE FROM PREVIOUS STAGE.



| TEMPORARY PAVEMENT MARKING | | | | | | | | |
|---|---------|---------|------------------|--------------------------|-----------|----------|-----------------|-----------------------------|
| STATION | STATION | SIDE | LOCATION | TEMPORARY | TEMPORARY | STOP BAR | YELLOW HASH BAR | REMARK |
| | | | | WHITE LF | YELLOW LF | LF | LF | |
| NB RTE 273/ NB RTE 371 - NORTH QUADRANT | | | | | | | | |
| 5+59 | 10+93 | RT | CONS'T B RTE 273 | 1060 | | 10 | 56 | DOUBLE YELLOW |
| 5+75 | 10+93 | RT & LT | CONS'T B RTE 273 | 437 | | 12 | | DOUBLE YELLOW MEDIAN BUBBLE |
| 5+59 | 8+44 | LT | CONS'T B RTE 273 | 286 | | | | LT-TURN LANE LINE |
| 5+24 | 10+93 | LT | CONS'T B RTE 273 | 580 | | | | WHITE EDGE LINE |
| 0+49 | 7+09 | RT | CONS'T B RTE 371 | 690 | | | | INTERMITTENT WHITE |
| 0+33 | 6+82 | RT | CONS'T B RTE 371 | 1298 | | 12 | 32 | DOUBLE YELLOW |
| 5+51 | 6+82 | RT & LT | CONS'T B RTE 371 | 255 | | | | DOUBLE YELLOW MEDIAN BUBBLE |
| 1+49 | 6+93 | LT | CONS'T B RTE 371 | | | | | WHITE EDGE LINE |
| SUBTOTAL | | | | 1556 | 3050 | 34 | 88 | |
| PAY TOTAL | | | | INFORMATION PURPOSE ONLY | | | | |

- PAVEMENT MARKING LENDG
S.W. - TEMPORARY REMOVABLE MARKING TAPE, 4" WHITE
S.W.B. - TEMPORARY REMOVABLE MARKING TAPE, 12" WHITE
S.Y.B. - TEMPORARY REMOVABLE MARKING TAPE, 12" YELLOW
D.Y. - TEMPORARY REMOVABLE MARKING TAPE, 4" YELLOW (DOUBLE)



- CONSTRUCTION SEQUENCE:
1. BUILD IMPROVEMENT WEST QUADRANT (TAFFIC CONTROL SHEET 7 OF 10).
1. BUILD RT-TURN LANE
2. BUILD RT-TURN ISLAND (TRAFFIC CONTROL SHEET 10 OF 10).

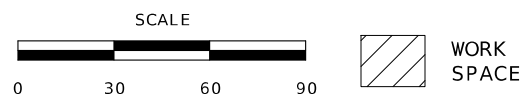
TTC BUILD RT-TURN LANE



DATE PREPARED
12/27/2024
ROUTE 273 STATE MO
DISTRICT KC SHEET NO. 24
COUNTY PLATTE
JOB NO. JKU0009
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

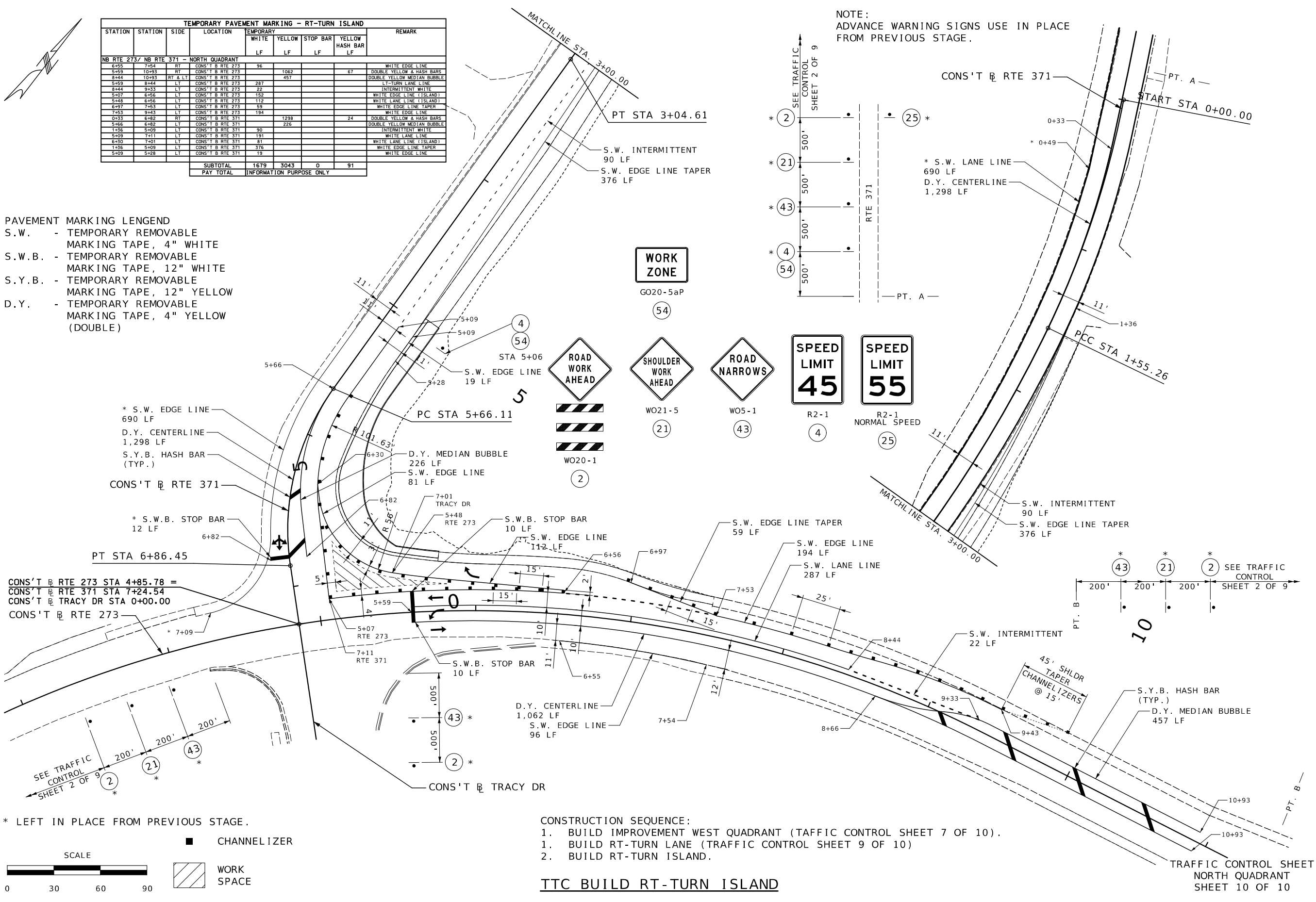
| DESCRIPTION | DATE |
|-------------|------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

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

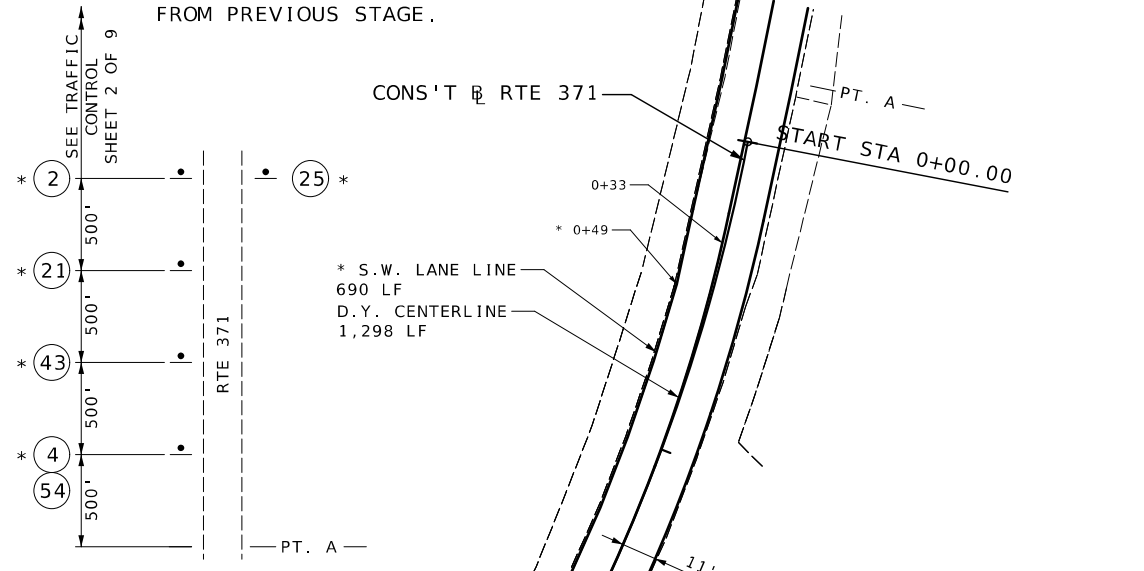


| TEMPORARY PAVEMENT MARKING - RT-TURN ISLAND | | | | | | | | | |
|---|---------|---------|------------------|--------------------------|-----------|-------------|--------------------|-----------------------------|--|
| STATION | STATION | SIDE | LOCATION | TEMPORARY | | | | REMARK | |
| | | | | WHITE LF | YELLOW LF | STOP BAR LF | YELLOW HASH BAR LF | | |
| NB RTE 273/ NB RTE 371 - NORTH QUADRANT | | | | | | | | | |
| 6+55 | 7+54 | RT | CONS'T B RTE 273 | 96 | | | | WHITE EDGE LINE | |
| 5+59 | 10+93 | RT | CONS'T B RTE 273 | 1062 | | | | DOUBLE YELLOW & HASH BARS | |
| 8+44 | 10+93 | RT & LT | CONS'T B RTE 273 | 457 | | | | DOUBLE YELLOW MEDIAN BUBBLE | |
| 5+59 | 8+44 | LT | CONS'T B RTE 273 | 287 | | | | LT-TURN LANE LINE | |
| 8+44 | 9+53 | LT | CONS'T B RTE 273 | 22 | | | | INTERMITTENT WHITE | |
| 5+07 | 6+56 | LT | CONS'T B RTE 273 | 152 | | | | WHITE EDGE LINE (ISLAND) | |
| 5+48 | 6+56 | LT | CONS'T B RTE 273 | 112 | | | | WHITE LANE LINE (ISLAND) | |
| 6+97 | 7+53 | LT | CONS'T B RTE 273 | 59 | | | | WHITE EDGE LINE TAPER | |
| 7+53 | 9+43 | LT | CONS'T B RTE 273 | 194 | | | | WHITE EDGE LINE | |
| 0+33 | 6+82 | RT | CONS'T B RTE 371 | 1298 | | 24 | | DOUBLE YELLOW & HASH BARS | |
| 3+86 | 6+82 | LT | CONS'T B RTE 371 | 90 | 226 | | | DOUBLE YELLOW MEDIAN BUBBLE | |
| 1+56 | 5+09 | LT | CONS'T B RTE 371 | 90 | | | | INTERMITTENT WHITE | |
| 5+09 | 7+11 | LT | CONS'T B RTE 371 | 191 | | | | WHITE LANE LINE | |
| 6+30 | 7+01 | LT | CONS'T B RTE 371 | 81 | | | | WHITE LANE LINE (ISLAND) | |
| 1+56 | 5+09 | LT | CONS'T B RTE 371 | 376 | | | | WHITE EDGE LINE TAPER | |
| 5+09 | 5+28 | LT | CONS'T B RTE 371 | 19 | | | | WHITE EDGE LINE | |
| SUBTOTAL | | | | 1679 | 3043 | 0 | 91 | | |
| PAY TOTAL | | | | INFORMATION PURPOSE ONLY | | | | | |

PAVEMENT MARKING LENGEND
 S.W. - TEMPORARY REMOVABLE MARKING TAPE, 4" WHITE
 S.W.B. - TEMPORARY REMOVABLE MARKING TAPE, 12" WHITE
 S.Y.B. - TEMPORARY REMOVABLE MARKING TAPE, 12" YELLOW
 D.Y. - TEMPORARY REMOVABLE MARKING TAPE, 4" YELLOW (DOUBLE)



NOTE:
 ADVANCE WARNING SIGNS USE IN PLACE FROM PREVIOUS STAGE.



WORK ZONE
 GO20-5aP
 (54)

ROAD WORK AHEAD
 W020-1
 (2)

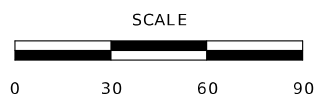
SHOULDER WORK AHEAD
 W021-5
 (21)

ROAD NARROWS
 W05-1
 (43)

SPEED LIMIT 45
 R2-1
 (4)

SPEED LIMIT 55
 R2-1 NORMAL SPEED
 (25)

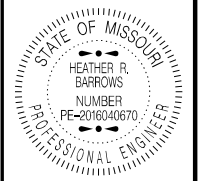
* LEFT IN PLACE FROM PREVIOUS STAGE.



■ CHANNELIZER
 ▨ WORK SPACE

- CONSTRUCTION SEQUENCE:
 1. BUILD IMPROVEMENT WEST QUADRANT (TAFFIC CONTROL SHEET 7 OF 10).
 1. BUILD RT-TURN LANE (TRAFFIC CONTROL SHEET 9 OF 10)
 2. BUILD RT-TURN ISLAND.

TTC BUILD RT-TURN ISLAND



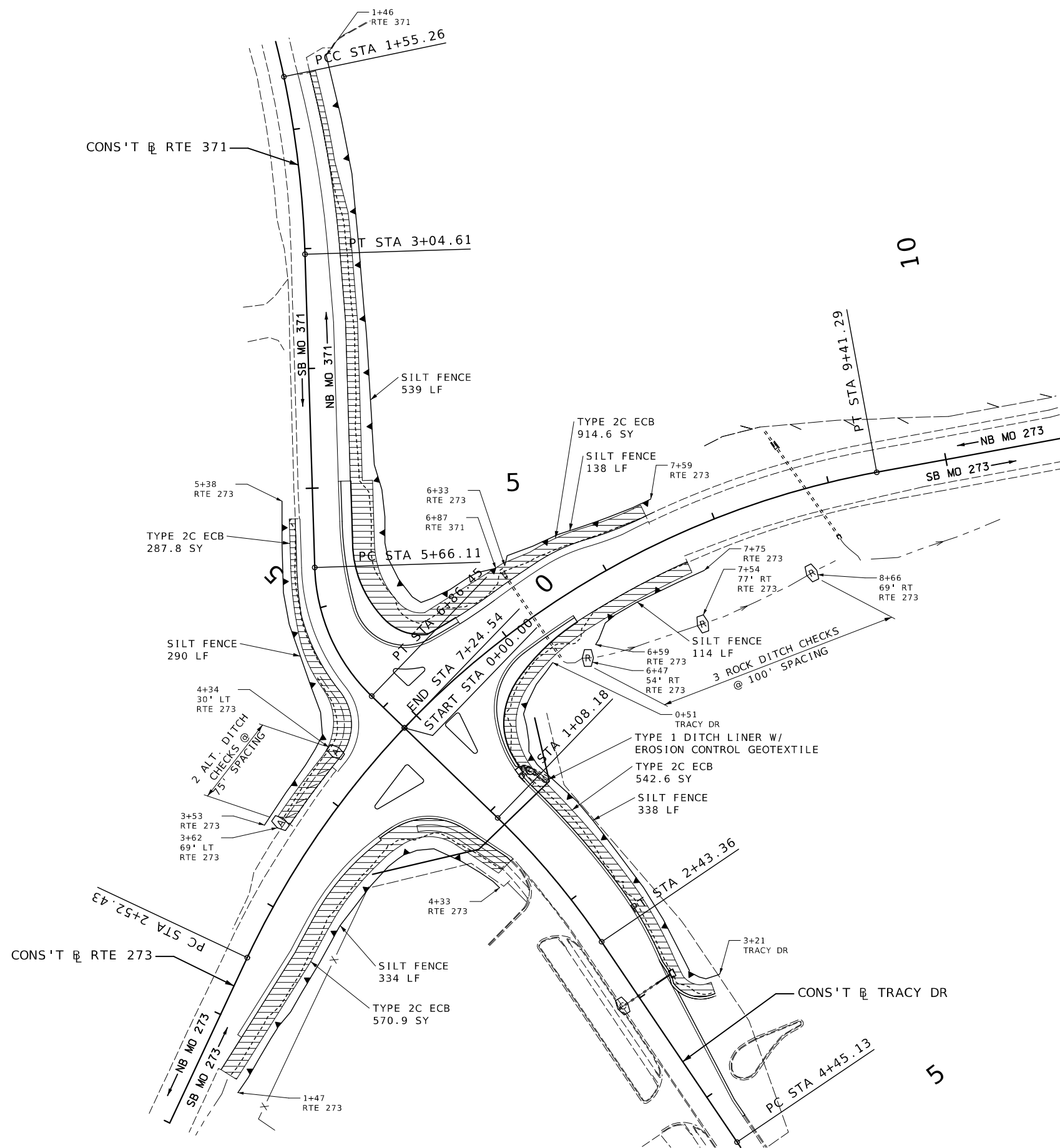
DATE PREPARED
 12/27/2024
 ROUTE 273 STATE MO
 DISTRICT KC SHEET NO. 25
 COUNTY PLATTE
 JOB NO. JKU0009
 CONTRACT ID.
 PROJECT NO.
 BRIDGE NO.

| DATE | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

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

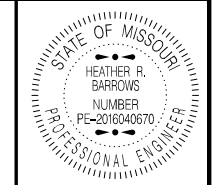
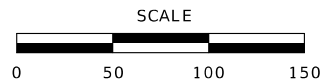


TRAFFIC CONTROL SHEET
 NORTH QUADRANT
 SHEET 10 OF 10



TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- ▼ SILT FENCE
- ▨ TYPE 2 EROSION CONTROL BLANKET



HEATHER R. BARROWS
12/27/2024 4:38:58 PM
HEATHER R. BARROWS - CIVIL
MO-PE-2016040670

DATE PREPARED
12/27/2024

ROUTE 273 STATE MO

DISTRICT KC SHEET NO. 26

COUNTY PLATTE

JOB NO. JKU0009

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|-------------|------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

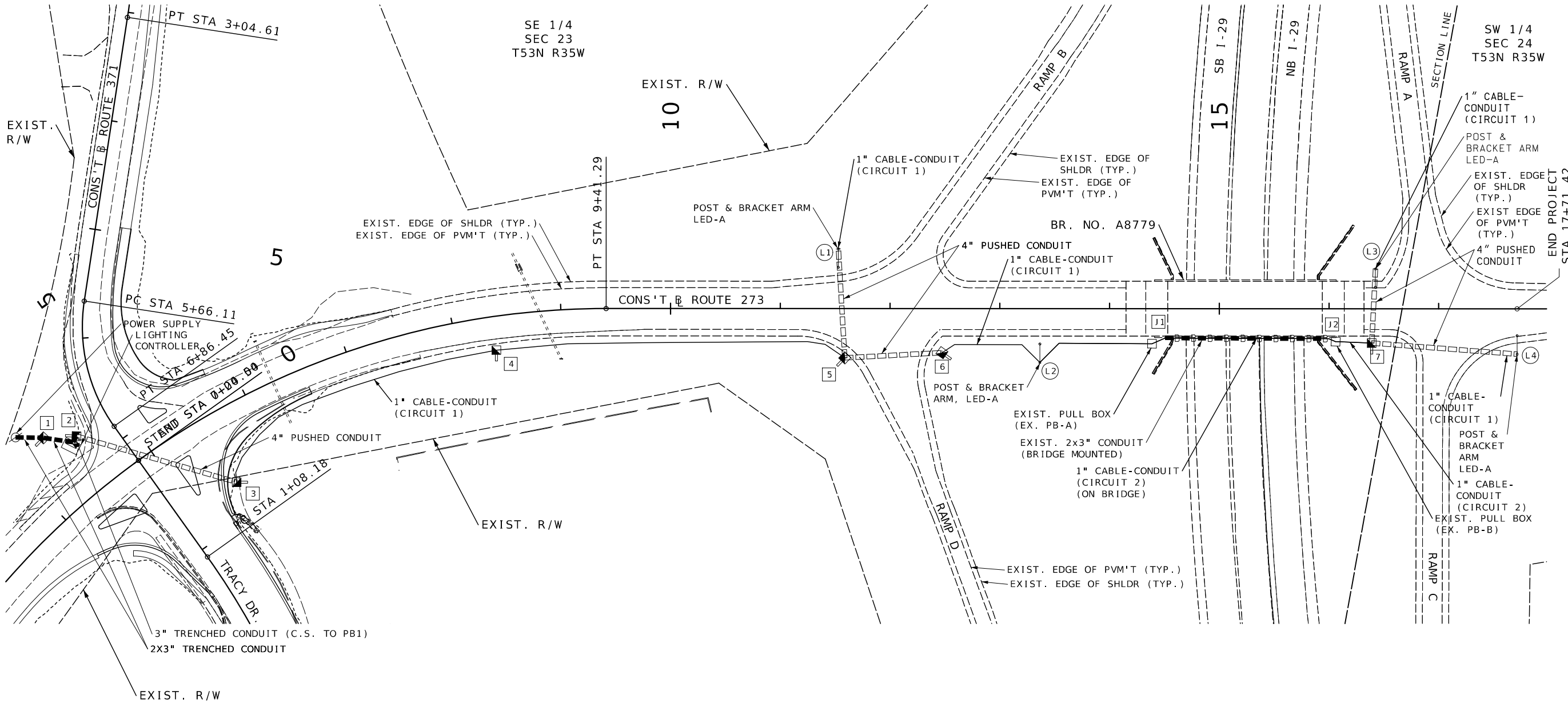
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

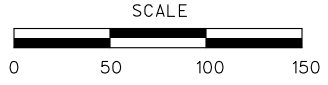
NOTE:
SEE SIGNAL SHEET 1 OF 5 FOR INTERSECTION LIGHTING.



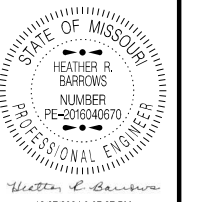
| LIGHTING LEGEND | | | |
|-----------------|---------------------------|--|-------------------------|
| | CONTROLLER, LIGHTING | | CONDUIT, RIGID (TRENCH) |
| | POWER SUPPLY | | CONDUIT, RIGID (PUSHED) |
| | JUNCTION BOX | | CONDUIT, RIGID (BRIDGE) |
| | PULL BOX PREFORMED TYPE 2 | | CABLE-CONDUIT |
| | LED-A LUMINAIRE | | |



NOTES:
SPlice TO LUMINAIRE #1 IN PULL BOX #5.
SPlice TO LUMINAIRE #3 IN PULL BOX #8.



LIGHTING SHEET
SHEET 1 OF 1



DATE PREPARED
12/27/2024

ROUTE
273

DISTRICT
KC

STATE
MO

SHEET NO.
27

COUNTY
PLATTE

JOB NO.
JKU0009

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC SIGNALS LEGEND

- ☐ CONTROLLER
- ⊕ POWER SUPPLY
- ⊕ SIGNAL HEAD (OPT LIM CONV)
- ⊕ SIGNAL HEAD (OPT LIM)
- ⊕ SIGNAL HEAD (PEDESTRIAN)
- ⊕ SIGNAL HEAD (STANDARD)
- ☐ VIDEO DETECTOR
- ▣ PREFORMED PULL BOX TYPE 1
- ▣ PREFORMED PULL BOX TYPE 2
- CONDUIT PUSHED
- ▬ CONDUIT BRIDGE
- ▬ CONDUIT TRENCHED
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE F BASE
- LED-A LUMINAIRE

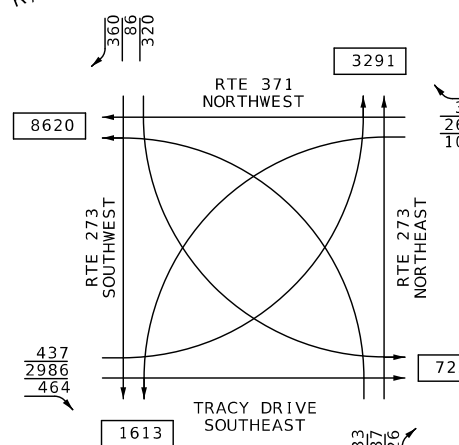
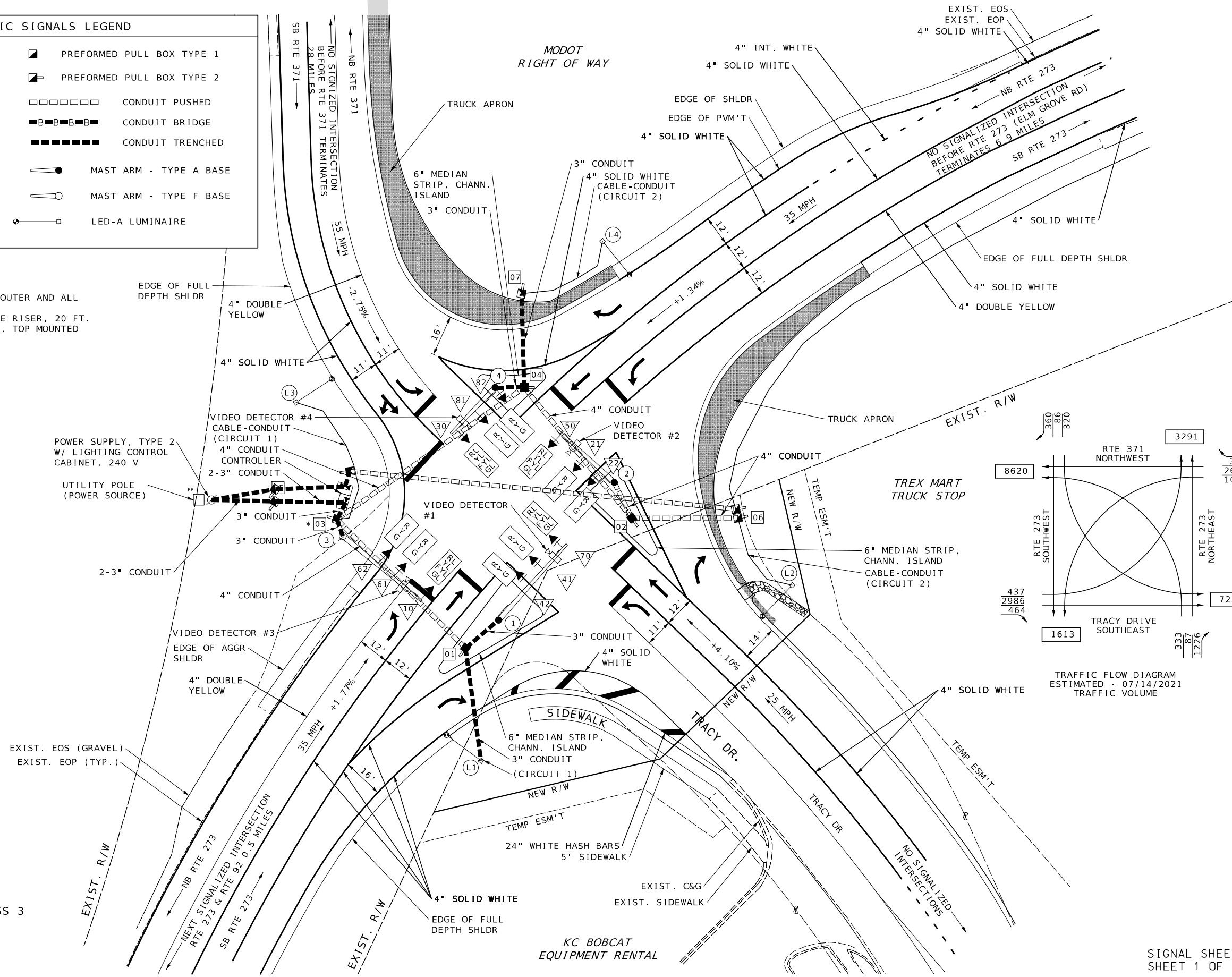
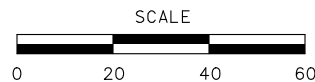
SIGNAL POLE NO. 3
 INSTALL CELL PHONE NETWORK ROUTER AND ALL ASSOCIATED EQUIPMENT.
 INSTALL CAMERA AND RADIO POLE RISER, 20 FT.
 INSTALL CCTV CAMERA ASSEMBLY, TOP MOUNTED WITH CABLE.

POWER SUPPLY, TYPE 2
 W/ LIGHTING CONTROL
 CABINET, 240 V

UTILITY POLE
 (POWER SOURCE)

AGRICULTURAL
 CULTIVATED

NOTE:
 * PULL BOX, PREFORMED CLASS 3



HEATHER R. BARROWS
 PROFESSIONAL ENGINEER
 NUMBER PE-2016040670
 DATE PREPARED 12/27/2024
 ROUTE 273 STATE MO
 DISTRICT KC SHEET NO. 28

COUNTY PLATTE
 JOB NO. JKU0009
 CONTRACT ID.
 PROJECT NO.
 BRIDGE NO.

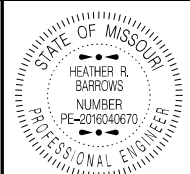
| DATE | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |
| | |

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

SIGNAL SHEET
 SHEET 1 OF 5

| POWER SUPPLY | | | | | | | | | | | | | | |
|--------------|---------|---------|-----------------------|---------|------------------------------|---------------------|-------------------------|---------|--------------------------------------|--------------------------|------------------|-----|-----------------|------|
| LOCATION | | | POWER SUPPLY ASSEMBLY | | CIRCUIT BREAKER TRIP RATING* | | | | LIGHTING CONTROL * (ON POWER SUPPLY) | | SERVICE POLE | | | |
| APPROACH | STATION | OFFSET | DRAWING 902.15 | DRAWING | CONTROLLER | | POWER SUPPLY DISCONNECT | | | | CONTRACT FURNISH | | UTILITY COMPANY | |
| | | | | | AUXILIARY BREAKER | CONT & SIGNAL LAMPS | MAIN BREAKER | SIGNALS | LIGHTING | 120 VOLT CONTROL CABINET | MAIN BREAKER | Ct. | Ft. | |
| MO 273 | 4+15.65 | 86.5'LT | Type 2 | | 15 Amps | 15 Amps | 40 Amps | 40 Amps | | 1 | 15 Amps | Ct. | Ft. | KCPL |
| | | | Type | | 15 Amps | Amps | Amps | Amps | | | Amps | Ct. | Ft. | |

THE TRAFFIC SIGNAL CONTROLLER WILL BE PROVIDED AND CONFIGURED BY MODOT FOR THE CONTRACTOR TO INSTALL. SEE JSP 902-99.02 TS2/EV CABINET ASSEMBLY (WITHOUT CONTROLLER). CONTRACTOR SHALL FURNISH AND INSTALL AN UNINTERRUPTIBLE POWER SUPPLY (ALPHA TECHNOLOGIES FXM 1100) WITH THE CONTROLLER CABINET. ALL NEW CABINETS SHALL COME WITH MMU2.



Heather R. Barrows
12/27/2024 3:38:50 PM
HEATHER R. BARROWS - CIVIL
MO-PE-2016040670

DATE PREPARED
12/27/2024

ROUTE **273** STATE **MO**

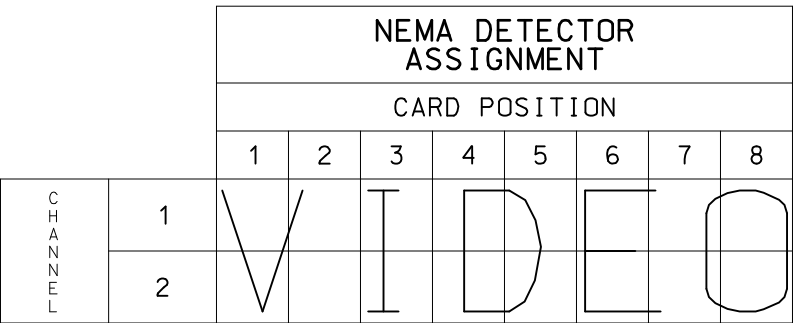
DISTRICT **KC** SHEET NO. **31**

COUNTY **PLATTE**

JOB NO. **JKU0009**

CONTRACT ID.

| CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | |
|---|---------|---------|-----------------------------|-----|----------|-----|----------------|----|--------------------------|--------------|-----------|-------------|-----|--------------|---|---------------------|--------|-----|--------------------|--------|----------------|--|
| LOCATION | | | SYSTEM MASTER (CLOSED LOOP) | | ACTUATED | | ON-OFF* SWITCH | | COORDINATION INTERFACE * | | | | | TIME * CLOCK | | NEMA CABINET TYPE * | | | 170 CABINET TYPE * | | 170 SOFTWARE * | |
| APPROACH | STATION | OFFSET | NEMA | 170 | NEMA | 170 | TYPE | | 12C/7C | HARDWARE (1) | TIME BASE | CLOSED LOOP | | FIBER | E | EV | DOUBLE | 332 | 336S | BITRAN | WAPITI | |
| MO 291 HWY | 4+45.41 | 45.1'LT | | | ## | | I | II | MASTER | LOCAL | | NEMA | 170 | | | 1## | | | | | | |



TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

| DETECTOR NUMBER | APPROACH | TYPE | | | | |
|-----------------|----------|------------------------|--------------------|----------------|-------------|----------|
| | | (4) PUSH BUTTON (EACH) | INDUCTION LOOP (2) | | | VIDEO |
| | | | STANDARD | DELAY/EXTEND * | CALL UNIT * | |
| 10 | WB 273 | | | | | 1 |
| 61, 62 | WB 273 | | | | | 1 |
| 50 | EB 273 | | | | | 1 |
| 21, 22 | EB 273 | | | | | 1 |
| 70 | SB 371 | | | | | 1 |
| 41, 42 | SB 371 | | | | | 1 |
| 50 | NB 371 | | | | | 1 |
| 81, 82 | NB 371 | | | | | 1 |
| TOTAL | | | | | | 1 SYSTEM |

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.
*** USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.

- (1) MODOT "D" PLUG SHALL BE WIRED INTO ALL NEMA CONTROLLERS WITH 7C HARDWARE INTERCONNECT.
- (2) PAYMENT IS MADE FOR THE NUMBER OF 2-CHANNEL DETECTOR CARDS AS SHOWN BELOW THE ASSIGNMENT CHART.

NEMA LOAD SWITCH ASSIGNMENTS

| | | | | | | | | | | | |
|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | PEDØ2 | PEDØ4 | PEDØ6 | PEDØ8 |
| PH 1 WBL | PH 2 EBT | PH 3 NBL | PH 4 SBT | PH 5 EBL | PH 6 WBT | PH 7 SBL | PH 8 NBT | OLA FYA 1 | OLB FYA 3 | OLC FYA 5 | OLD FYA 7 |

NOTE: INSTALL A 16-LOAD SWITCH ASSIGNMENT CABINET

| SIGNAL SIGNS | | | | | |
|--------------|-------------------|---------------|----------------|-------------------------------|-----------------------------|
| QUANTITY | MUTCD SIGN NUMBER | SIZE (INCHES) | AREA (SQ. FT.) | TOTAL SH-FLAT SHEET (SQ. FT.) | SIGNAL SIGN HARDWARE (EACH) |
| 4 | R10-27A | 30 X 36 | 7.5 | 30 | 4 |
| 2 | D3-1 *** | 72 X 18 | 9 | 18 | 2 |
| 2 | D3-1B *** | 54 X 18 | 6.75 | 13.5 | 2 |
| TOTAL: | | | | 62 | 8 |

| 170 INPUT FILE ASSIGNMENTS | | | | | | | | | | | | | | |
|----------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|
| CHANNEL | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| "I" | U | | | | | | | | | | | | | |
| | L | | | | | | | | | | | | | |
| "J" | U | | | | | | | | | | | | | |
| | L | | | | | | | | | | | | | |

TOTAL NUMBER OF DETECTOR CARDS(2-CHANNEL) = (2)

| 170 OUTPUT FILE ASSIGNMENTS | | | | | | | | | |
|-----------------------------|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| FR1 | | | | | | | | | |
| FR2 | | | | | | | | | |
| FR3 | | | | | | | | | |
| FR4 | | | | | | | | | |

MONITOR

| 170 AUXILIARY OUTPUT FILE | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| FR5 | | | | | | | | | |
| FR6 | | | | | | | | | |

MO 273 AT MO 371 INTERSECTION

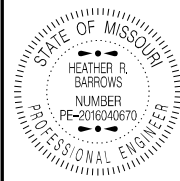
D-37C

| DESCRIPTION | DATE |
|-------------|------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

WIRING DIAGRAM



Heather R. Barrows
12/27/2024 3:38:42 PM
HEATHER R. BARROWS - CIVIL
MO-PE-2016040670

DATE PREPARED
12/27/2024

ROUTE 273 STATE MO

DISTRICT KC SHEET NO. 32

COUNTY PLATTE

JOB NO. JKU0009

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

| DATE | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |
| | |
| | |

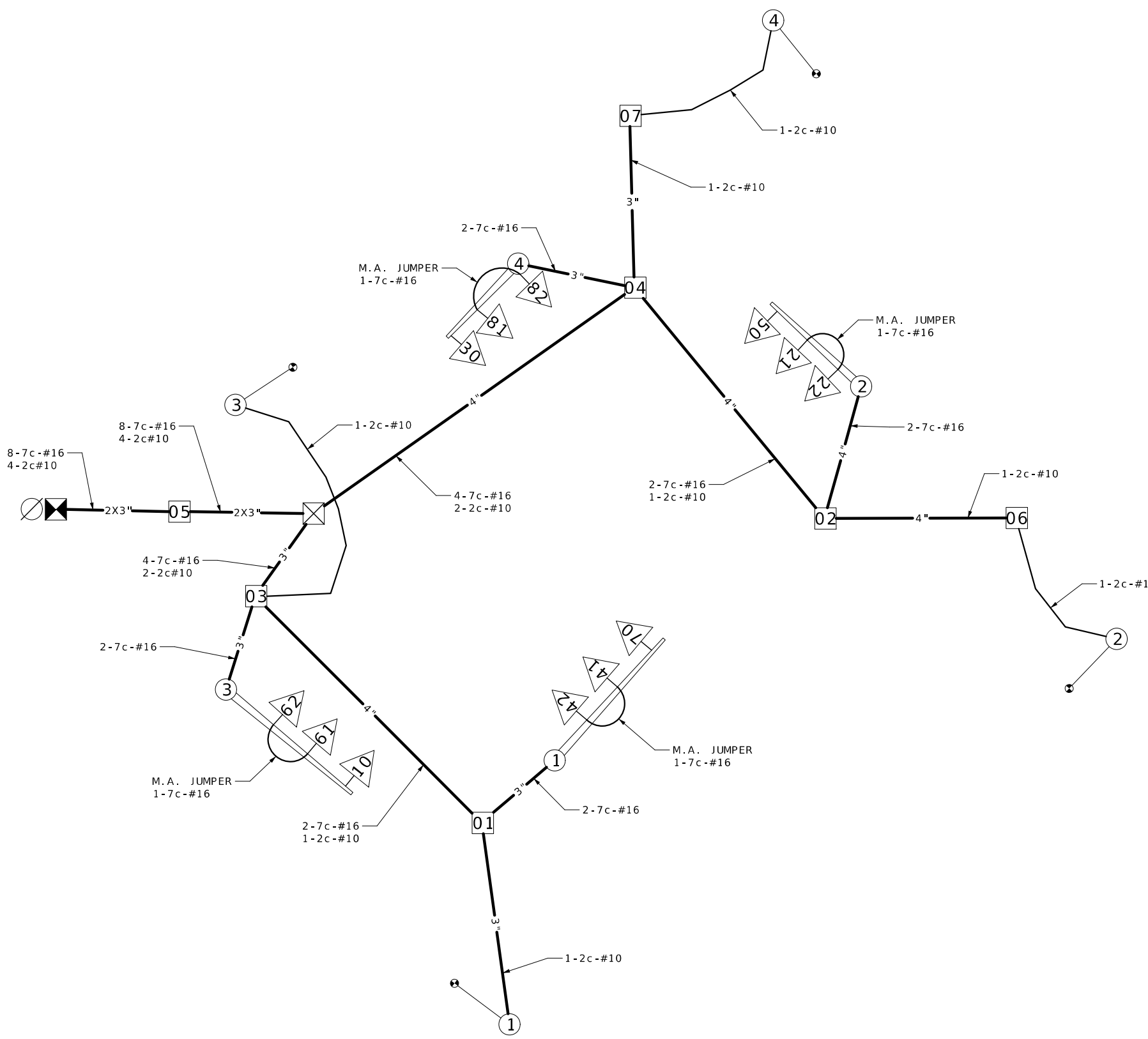
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

LEGEND

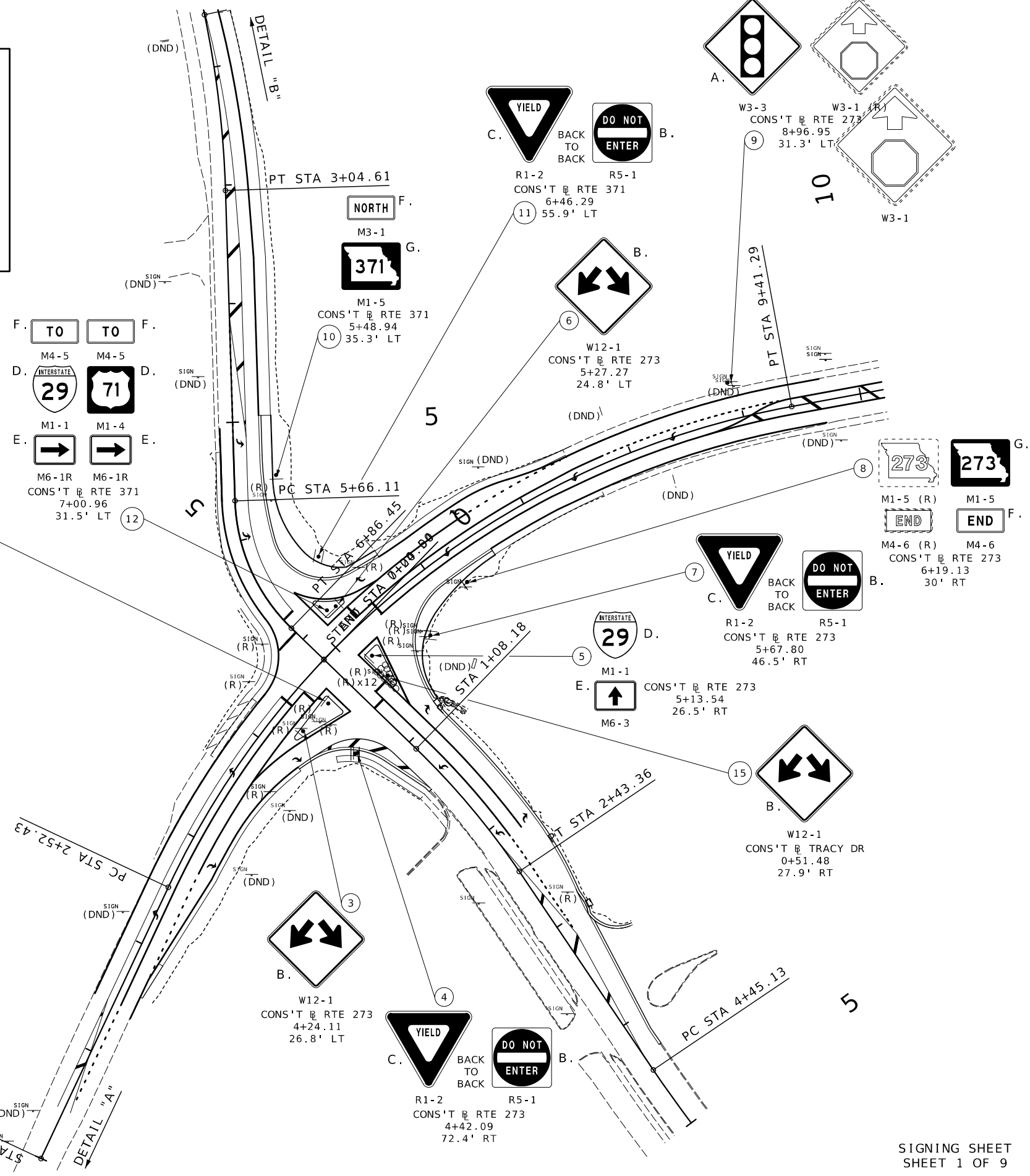
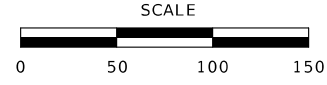
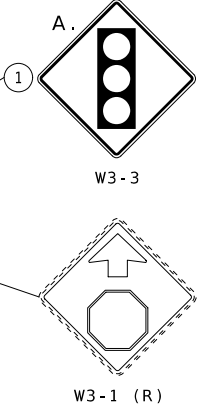
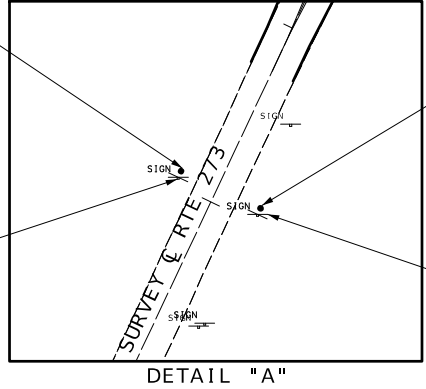
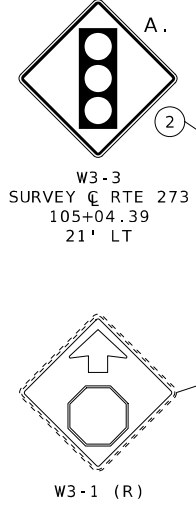
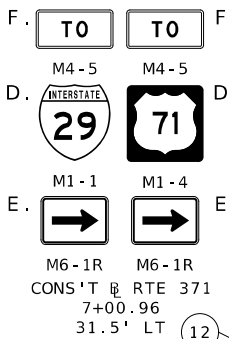
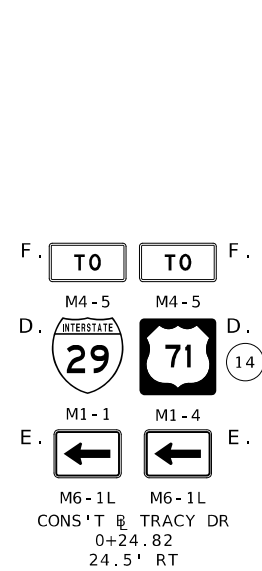
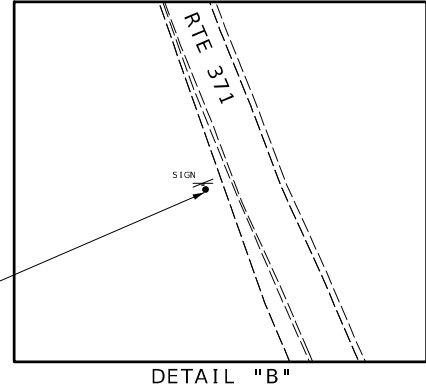
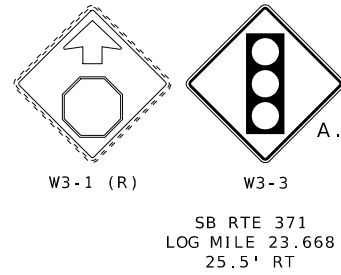
- 3" CONDUIT CONTAINING CABLE WITH SIZE
- CABLE
- MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
- #14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
- PULL BOX WITH NUMBER
- POST WITH NUMBER
- POST WITH MAST ARM
- POST WITH MAST ARM AND LUMINAIRE
- DETECTOR WITH NUMBER
- SIGNAL HEAD WITH NUMBER
- SIGNAL CONTROLLER
- POWER SUPPLY
- LIGHTING CONTROLLER
- LUMINAIRE WITH MAST ARM



MO 273 AT MO 371/TRACY DRIVE

INTERSECTION

- A. 36" X 36"
- B. 30" X 30"
- C. 48" X 48"
- D. 24" X 24"
- E. 21" X 15"
- F. 24" X 12"
- G. 30" X 24"



Heather R. Barrows
 12/27/2024 3:42:17 PM
 HEATHER R. BARROWS - CIVIL
 MO-PE-2016040670
 DATE PREPARED
12/27/2024
 ROUTE STATE
273 MO
 DISTRICT SHEET NO.
KC 33
 COUNTY
PLATTE
 JOB NO.
JKU0009
 CONTRACT ID.
 PROJECT NO.
 BRIDGE NO.

| DATE | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

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

| SIGNS 902 SIGNAL SIGNS TABULATED ON D-37A SHEET | | | | | CONCRETE FOOTINGS EMBEDDED | | STRUCTURAL STEEL POSTS* | | | | | PIPE POSTS* | | | | | BACKING BARS** | | | | U-CHANNEL POST | PERFORATED SQUARE STEEL TUBE | | | | | | EFFECTIVE: 07-01-2024 | REMARKS AND OTHER REQUIRED ITEMS | | | | | |
|--|-----------|---------------------|------------------------|-------------------|----------------------------|---------------------------|-------------------------|-----------|-----------|-----------|------------|----------------------------------|-----------|-----------|-----------|------------|----------------------------------|-------------------------------|------|-------|----------------|------------------------------|-----------|-----------|----------------------------------|---|--|---|----------------------------------|---|------|-----|----|-----|
| SIGN NO. | SIGN SIZE | STATION OR LOG MILE | HORIZ CLEAR IF NOT STD | LOCATION | SIGN DTL SHT NO. | ITEM NO. 9031010 CY | POST DES NO. | POST NO.1 | POST NO.2 | POST NO.3 | LBS PER FT | TOTAL ITEM NO. 9031210 LBS | PIPE SIZE | POST NO.1 | POST NO.2 | LBS PER FT | TOTAL ITEM NO. 9031220 LBS | 2" X 3/8" BARS AT 2.55 LBS/FT | | | | ITEM NO. 9031250A LF | POST NO.1 | POST NO.2 | TOTAL ITEM NO. 9031270A LF | 2-INCH POST ANCHORS | | | | BREAK-AWAY ASSEMBLY ITEM NO. 9031241 | | | | |
| | | | | | | | | | | | | | | | | | | NO. | LGTH | TOTAL | TOTAL | | | | | DRIVEN 12 GA. ITEM NO. 9031271A EACH | DRIVEN 7 GA. ITEM NO. 9031273A EACH | CONCRETE 7 GA. ITEM NO. 9031274 EACH | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | EACH | IN. | LF | LBS |
| ROUTE 273 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 36"x36" | 105+04.44 | 10.66' | SURVEY C RTE 273 | | 0.13 | | | | | | | 2.5 | 16 | | 5.79 | 93 | | | | | | | | | | | | | | | | | |
| 2 | 36"x36" | 105+04.39 | 7.76' | SURVEY C RTE 273 | | 0.13 | | | | | | | 2.5 | 17.25 | | 5.79 | 100 | | | | | | | | | | | | | | | | | |
| 3 | 30"x30" | 4+24.11 | 1.16' | CONS'T R RTE 273 | | 0.13 | | | | | | | 2.5 | 15.75 | | 5.79 | 91 | | | | | | | | | | | | | | | | | |
| 4 | 48"x48" | 4+42.09 | - | CONS'T R RTE 273 | | 0.36 | | | | | | | 4 | 15.25 | | 10.79 | 165 | | | | | | | | | | | | | | | | | |
| 5 | 30"x30" | 5+13.54 | 3.63' | CONS'T R RTE 273 | | 0.13 | | | | | | | 2.5 | 15.5 | | 5.79 | 90 | | | | | | | | | | | | | | | | | |
| 6 | 24"x24" | 5+27.27 | 1.36' | CONS'T R RTE 273 | | 0.13 | | | | | | | 2.5 | 15.75 | | | 91 | | | | | | | | | | | | | | | | | |
| 7 | 48"x48" | 5+67.80 | | CONS'T R RTE 273 | | 0.36 | | | | | | | 4 | 16 | | | 173 | | | | | | | | | | | | | | | | | |
| 8 | 30"x30" | 6+19.13 | 2.06' | CONS'T R RTE 273 | | 0.13 | | | | | | | 2.5 | 15.75 | | | 91 | | | | | | | | | | | | | | | | | |
| 9 | 36"x36" | 8+96.95 | - | CONS'T R RTE 273 | | 0.13 | | | | | | | 2.5 | 18.25 | | | 106 | | | | | | | | | | | | | | | | | |
| ROUTE 371 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 30"x24" | 5+48.94 | - | CONS'T R RTE 371 | | 0.13 | | | | | | | 2.5 | 15.75 | | | 91 | | | | | | | | | | | | | | | | | |
| 11 | 24"x12" | 6+46.29 | 3.03' | CONS'T R RTE 371 | | 0.36 | | | | | | | 4 | 16.5 | | | 178 | | | | | | | | | | | | | | | | | |
| 12 | 30"x30" | 7+00.96 | 2.11' | CONS'T R RTE 371 | | 0.36 | | | | | | | 4 | 16.5 | | | 178 | 5 | 50 | 20.8 | 53 | | | | | | | | | | | | | |
| | 24"x24" | | | | | | | | | | | | | | | | | 1 | 38 | 3.2 | 8.2 | | | | | | | | | | | | | |
| | 21"x15" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 24"x12" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 24"x24" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 21"x15" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 36"x36" | 0+00.00 | 12.44' | SB RTE 371 | | 0.13 | | | | | | | 2.5 | 17 | | | 98 | | | | | | | | | | | | | | | | | |
| TRACY DRIVE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 24"x12" | 0+24.82 | 2.13' | CONS'T R TRACY DR | | 0.36 | | | | | | | 4 | 16.5 | | | 178 | 5 | 50 | 20.8 | 53 | | | | | | | | | | | | | |
| | 24"x24" | | | | | | | | | | | | | | | | | 1 | 38 | 3.2 | 8.2 | | | | | | | | | | | | | |
| | 21"x15" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 24"x12" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 24"x24" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 21"x15" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | 30"x30" | 0+51.48 | 1.15' | CONS'T R TRACY DR | | 0.13 | | | | | | | 2.5 | 16 | | | 64 | | | | | | | | | | | | | | | | | |
| SUBTOTAL | | | | | | 3.1 | | | | | | | | | | | 1910 | | | | 122.4 | | | | | | | | | | | | | |
| TOTAL | | | | | | 3.1 | | | | | | | | | | | | 1910 | | | | ** | | | | | | | | | | | | |

*BREAKAWAY ASSEMBLY IS INCIDENTAL FOR STRUCTURAL STEEL AND PIPE POSTS.
 **BACKING BARS ARE TOTALED WITH STRUCTURAL STEEL OR PIPE POSTS.

| NOM. SIZE (IN.) | WEIGHT | | STUB LENGTH | FOOTING | | CONCRETE C.Y. |
|-----------------|--------|--------|-------------|---------|-------|---------------|
| | LBS/FT | LBS/IN | | DIA. | DEPTH | |
| 2 1/2 | 5.79 | 0.48 | 4'- 3/4" | 12" | 4'-6" | 0.13 |
| 4 | 10.79 | 0.90 | 5'- 3/4" | 18" | 5'-6" | 0.36 |

| POST DES. NO. | NOM. SIZE | POST WEIGHT | | STUB LENGTH | DIA. | FOOTING | | | | | | | | | |
|---------------|-----------|-------------|--------|-------------|------|---------|--------|-----------|------|-----------|------|------------------|------|-------|------|
| | | LBS/FT | LBS/IN | | | LEVEL | GROUND | 6:1 GRADE | | 4:1 GRADE | | 3:1 OR 2:1 GRADE | | | |
| | | | | | | DEPTH | C.Y. | DEPTH | C.Y. | DEPTH | C.Y. | DEPTH | C.Y. | DEPTH | C.Y. |
| 1 | W6 | 9.0 | 0.75 | 3'-0" | 15" | 3'-0" | 0.14 | 3'-2" | 0.15 | 3'-3" | 0.16 | 3'-6" | 0.17 | | |
| 2 | W6 | 15.0 | 1.25 | 4'-0" | 24" | 4'-0" | 0.47 | 4'-2" | 0.50 | 4'-3" | 0.51 | 4'-6" | 0.54 | | |
| 3 | W8 | 18.0 | 1.50 | 4'-6" | 28" | 4'-6" | 0.71 | 4'-8" | 0.73 | 4'-9" | 0.74 | 5'-0" | 0.78 | | |
| 4 | W10 | 22.0 | 1.83 | 5'-0" | 36" | 5'-0" | 1.31 | 5'-2" | 1.36 | 5'-3" | 1.39 | 5'-6" | 1.45 | | |
| 5 | W10 | 26.0 | 2.17 | 5'-0" | 36" | 5'-0" | 1.31 | 5'-3" | 1.37 | 5'-5" | 1.43 | 5'-9" | 1.52 | | |
| 6 | W12 | 35.0 | 2.92 | 5'-6" | 36" | 5'-6" | 1.44 | 5'-9" | 1.52 | 5'-11" | 1.56 | 6'-3" | 1.65 | | |

SIGNING SHEET SHEET 2 OF 9

HEATHER R. BARROWS
 NUMBER PE-2016040670
 PROFESSIONAL ENGINEER

12/27/2024 3:42:36 PM
 HEATHER R. BARROWS - CIVIL
 MO-PE-2016040670

DATE PREPARED
12/27/2024

ROUTE **273** STATE **MO**
 DISTRICT **KC** SHEET NO. **34**

COUNTY **PLATTE**
 JOB NO. **JKU0009**
 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)

| STANDARD SIGN ASSEMBLIES | | | | | | | | | | | | | | | | |
|--------------------------|---------------------|-------------------|--|-------|------|------|------|------|------|------|------|------|------|-------|------|-------|
| SIGN NO. | STATION OR LOG MILE | LOCATION | SIGN, TYPE, DESIGNATION, SIZE & NUMBER OF EACH | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | W3-3 | W12-1 | R1-2 | R5-1 | M1-1 | M6-3 | M1-5 | M4-6 | M1-5 | M3-1 | M4-5 | M6-1R | M1-4 | M6-1L |
| 1 | 105+04.44 | SURVEY C RTE 273 | 1 | | | | | | | | | | | | | |
| 2 | 105+04.39 | SURVEY C RTE 273 | 1 | | | | | | | | | | | | | |
| 3 | 4+24.11 | CONS'T B RTE 273 | | 1 | | | | | | | | | | | | |
| 4 | 4+42.09 | CONS'T B RTE 273 | | | 1 | 1 | | | | | | | | | | |
| 5 | 5+13.54 | CONS'T B RTE 273 | | | | | 1 | 1 | | | | | | | | |
| 6 | 5+27.27 | CONS'T B RTE 273 | | 1 | | | | | | | | | | | | |
| 7 | 5+67.80 | CONS'T B RTE 273 | | | 1 | 1 | | | | | | | | | | |
| 8 | 6+19.13 | CONS'T B RTE 273 | | | | | | | 1 | 1 | | | | | | |
| 9 | 8+96.95 | CONS'T B RTE 273 | 1 | | | | | | | | | | | | | |
| 10 | 5+48.94 | CONS'T B RTE 371 | | | | | | | | 1 | 1 | | | | | |
| 11 | 6+46.29 | CONS'T B RTE 371 | | | 1 | 1 | | | | | | | | | | |
| 12 | 7+00.96 | CONS'T B RTE 371 | | | | | 1 | | | | | 2 | 2 | 1 | | |
| 13 | 23.668 | SB RTE 371 | 1 | | | | | | | | | | | | | |
| 14 | 0+24.82 | CONS'T B TRACY DR | | | | | 1 | | | | | 2 | | 1 | 2 | |
| 15 | 0+51.48 | CONS'T B TRACY DR | | 1 | | | | | | | | | | | | |
| TOTALS | | | 4 | 3 | 3 | 3 | 3 | 1 | 1 | 1 | 1 | 1 | 4 | 2 | 2 | 2 |

| SIGN SUMMARY | | | | | | | EFFECTIVE: 10-01-2016 | |
|--------------------------------------|--------------------|----------|-----------|---------------------------------|------------------------------------|---------------------------------|---|--|
| STANDARD OR SPECIAL SIGN DESIGNATION | SIGN DTL. SHT. NO. | NO. EACH | SIGN SIZE | TYPE & SQUARE FEET | | | | |
| | | | | FLAT SHEET SH ITEM NO. 9035004A | FLUORESCENT SHF* ITEM NO. 9035069A | STRUCTURAL ST ITEM NO. 9035011A | STRUCTURAL FLUORESCENT STF* ITEM NO. 9035071A | |
| W3-3 SIGNAL AHEAD | STD | 4 | 36"X36" | | 36 | | | |
| W12-1 DOUBLE DOWN ARROWS | STD | 3 | 30"X30" | | 18.9 | | | |
| R1-2 YIELD | STD | 3 | 48"X48" | 48 | | | | |
| R5-1 DO NOT ENTER | STD | 3 | 30"X30" | 18.9 | | | | |
| M1-1 RTE 1-29 | STD | 3 | 24"X24" | 12 | | | | |
| M6-3 AHEAD ARROW | STD | 1 | 21"X15" | 2.2 | | | | |
| M1-5 RTE 273 | STD | 1 | 30"X24" | 5 | | | | |
| M4-6 END | STD | 1 | 24"X12" | 2 | | | | |
| M1-5 RTE 371 | STD | 1 | 30"X24" | 5 | | | | |
| M3-1 NORTH | STD | 1 | 24"X12" | 2 | | | | |
| M4-5 TO | STD | 4 | 24"X12" | 8 | | | | |
| M6-1R RIGHT ARROW | STD | 2 | 21"X15" | 4.4 | | | | |
| M1-4 RTE US-71 | STD | 2 | 24"X24" | 8 | | | | |
| M6-1L LEFT ARROW | STD | 2 | 21"X15" | 4.4 | | | | |
| TOTALS | | | | 120 | 55 | | | |

*ORANGE, YELLOW AND YELLOW-GREEN

SIGNING SHEET
SHEET 3 OF 9

D-30

HEATHER R. BARROWS
PROFESSIONAL ENGINEER
NUMBER PE-2016040670

DATE PREPARED
12/27/2024

ROUTE 273 STATE MO
DISTRICT KC SHEET NO. 35

COUNTY PLATTE
JOB NO. JKU0009
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

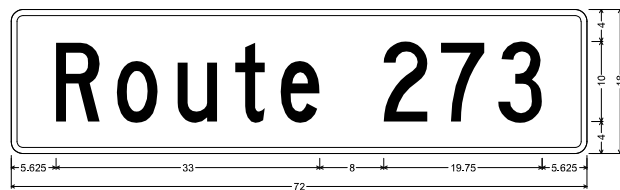
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

| | |
|----------|------------------|
| SIGN NO. | S1 |
| STATION | 4+53.51 |
| ROADWAY | CONS'T @ RTE 273 |

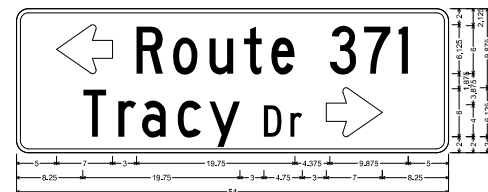


D3-1 SH-FLAT SHEET:
 1.500" Radius, 0.750" Border, White on, Green;
 "Route 273", C;

Table of letter and object lefts

| | | | | | | | |
|-------|--------|--------|--------|--------|--------|--------|--------|
| R | o | u | t | e | 2 | 7 | 3 |
| 5,625 | 13,250 | 20,875 | 28,000 | 33,750 | 46,625 | 53,750 | 60,875 |

| | |
|----------|------------------|
| SIGN NO. | S2 |
| STATION | 5+21.01 |
| ROADWAY | CONS'T @ RTE 273 |

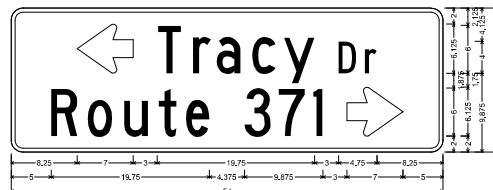


D3-1b SH-FLAT SHEET:
 1.500" Radius, 0.500" Border, White on, Green;
 Standard Arrow Custom 7.000" X 6.125" 180° "Route 371", C; "Tracy", C; "Dr", C;
 Standard Arrow Custom 7.000" X 6.125" 0°;

Table of letter and object lefts

| | | | | | | | | | |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|---|
| ← | R | o | u | t | e | 3 | 7 | 1 | ← |
| 8,250 | 15,000 | 16,625 | 24,125 | 29,500 | 31,875 | 38,125 | 43,500 | 47,750 | |
| 8,250 | 12,750 | 15,750 | 20,125 | 24,125 | 31,000 | 34,250 | 38,750 | | → |

| | |
|----------|------------------|
| SIGN NO. | S3 |
| STATION | 4+36.56 |
| ROADWAY | CONS'T @ RTE 273 |

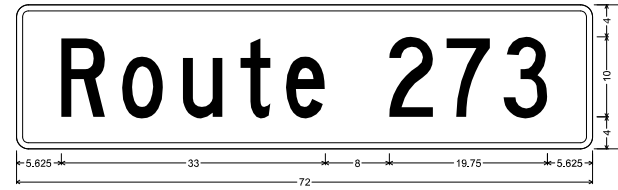


D3-1b SH-FLAT SHEET:
 1.500" Radius, 0.500" Border, White on, Green;
 Standard Arrow Custom 7.000" X 6.125" 180° "Tracy", C; "Dr", C; "Route 371", C;
 Standard Arrow Custom 7.000" X 6.125" 0°;

Table of letter and object lefts

| | | | | | | | | | | | | | | | | |
|-------|-------|--------|--------|--------|--------|--------|--------|--------|---|---|---|---|---|---|---|---|
| ← | T | r | a | c | y | D | r | R | o | u | t | e | 3 | 7 | 1 | → |
| 5,000 | 6,500 | 14,125 | 18,500 | 21,875 | 29,125 | 33,500 | 37,750 | 42,000 | | | | | | | | |

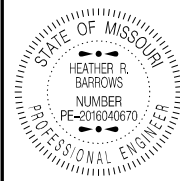
| | |
|----------|------------------|
| SIGN NO. | S4 |
| STATION | 5+10.98 |
| ROADWAY | CONS'T @ RTE 273 |



D3-1 SH-FLAT SHEET:
 1.500" Radius, 0.750" Border, White on, Green;
 "Route 273", C;

Table of letter and object lefts

| | | | | | | | |
|-------|--------|--------|--------|--------|--------|--------|--------|
| R | o | u | t | e | 2 | 7 | 3 |
| 5,625 | 13,250 | 20,875 | 28,000 | 33,750 | 46,625 | 53,750 | 60,875 |



Heather R. Barrows
 12/27/2024 3:43:17 PM
 HEATHER R. BARROWS - CHL
 MO-PE-2016040670

DATE PREPARED
 12/27/2024

| | |
|----------|-----------|
| ROUTE | STATE |
| 273 | MO |
| DISTRICT | SHEET NO. |
| KC | 36 |

COUNTY
 PLATTE
 JOB NO.
 JKU0009
 CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
|-------------|------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

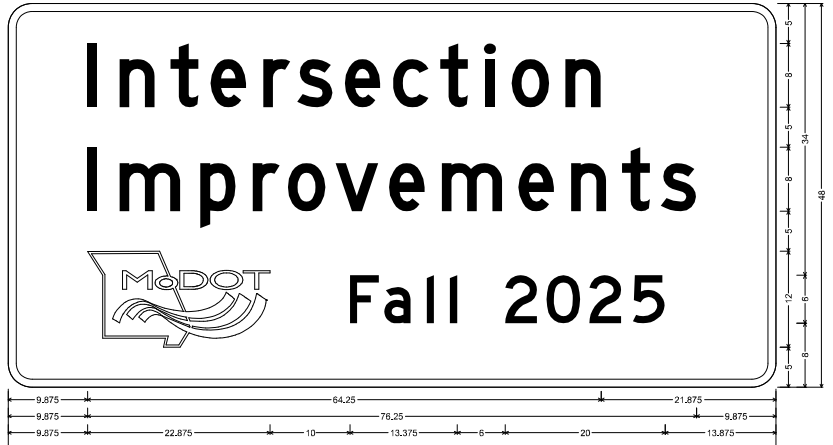
MISSOURI HIGHWAYS AND TRANSPORTATION
 COMMISSION

105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-273-6636)



| | |
|----------|---------------|
| SIGN NO. | CONST-5-96 |
| STATION | VARIOUS |
| ROADWAY | RTE 273 & 371 |

| | |
|----------|--|
| SIGN NO. | |
| STATION | |
| ROADWAY | |

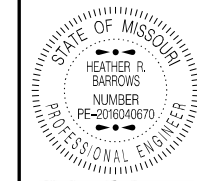


CONST-5-96 SH-PLAT SHEET:
 3.000" Radius, 1.000" Border, White on Blue;
 "Intersection", D: "Improvements", D: "Fall 2025", D:
 Table of letter and object letters

| | | | | | | | | | | | |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| l | m | t | e | r | s | e | c | t | i | a | n |
| 9.875 | 14.000 | 20.250 | 25.250 | 31.875 | 36.125 | 42.125 | 48.125 | 54.000 | 59.625 | 63.000 | 69.625 |
| l | m | p | r | o | v | e | m | e | n | s | |
| 9.875 | 14.000 | 24.000 | 30.625 | 35.000 | 41.000 | 47.625 | 54.250 | 63.750 | 70.375 | 76.750 | 81.625 |
| l | r | e | t | e | s | | | | | | |
| 9.875 | 42.750 | 47.000 | 52.375 | 56.250 | 62.125 | 67.375 | 72.625 | 78.125 | | | |

| | |
|----------|--|
| SIGN NO. | |
| STATION | |
| ROADWAY | |

| | |
|----------|--|
| SIGN NO. | |
| STATION | |
| ROADWAY | |



Heather R. Barrows
 12/27/2024 3:43:55 PM
 HEATHER R. BARROWS - CIVIL
 MO-PE-2016040670

| | |
|---------------|------------|
| DATE PREPARED | 12/27/2024 |
| ROUTE | 273 |
| STATE | MO |
| DISTRICT | KC |
| SHEET NO. | 37 |
| COUNTY | PLATTE |
| JOB NO. | JKU0009 |
| CONTRACT ID. | |
| PROJECT NO. | |
| BRIDGE NO. | |

| DESCRIPTION | DATE |
|-------------|------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-273-6636)






Heather R. Barrows
12/27/2024 4:45:02 PM
HEATHER R. BARROWS, CIVIL
MO-PE-2016040670

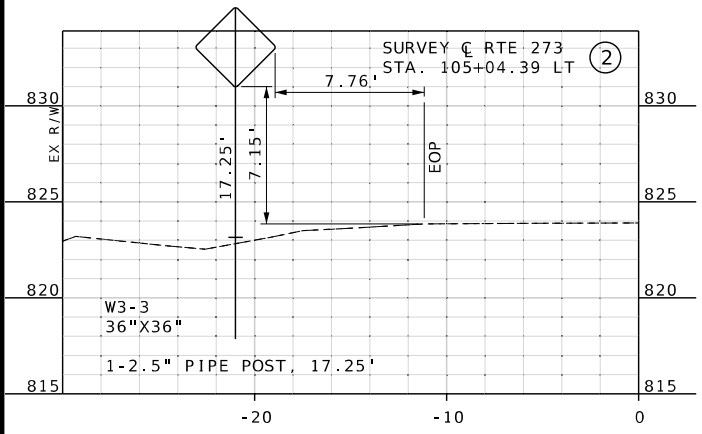
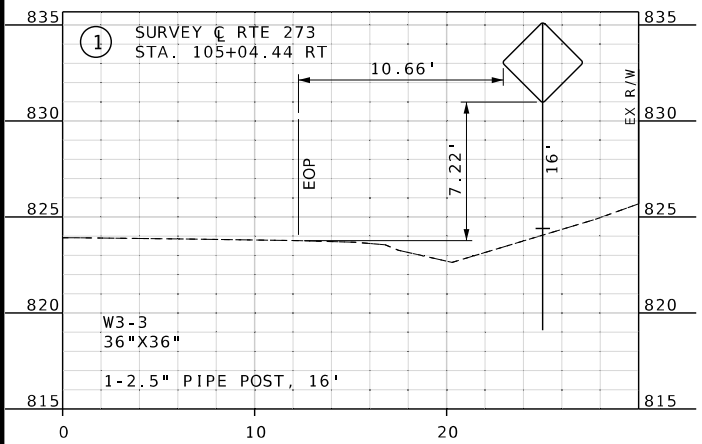
| | |
|-----------------------------|-----------------|
| DATE PREPARED 12/27/2024 | |
| ROUTE 273 | STATE MO |
| DISTRICT KC | SHEET NO. 38 |
| COUNTY PLATTE | |
| JOB NO. JKU0009 | |
| CONTRACT ID. | |
| PROJECT NO. | |
| BRIDGE NO. | |

| DATE | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

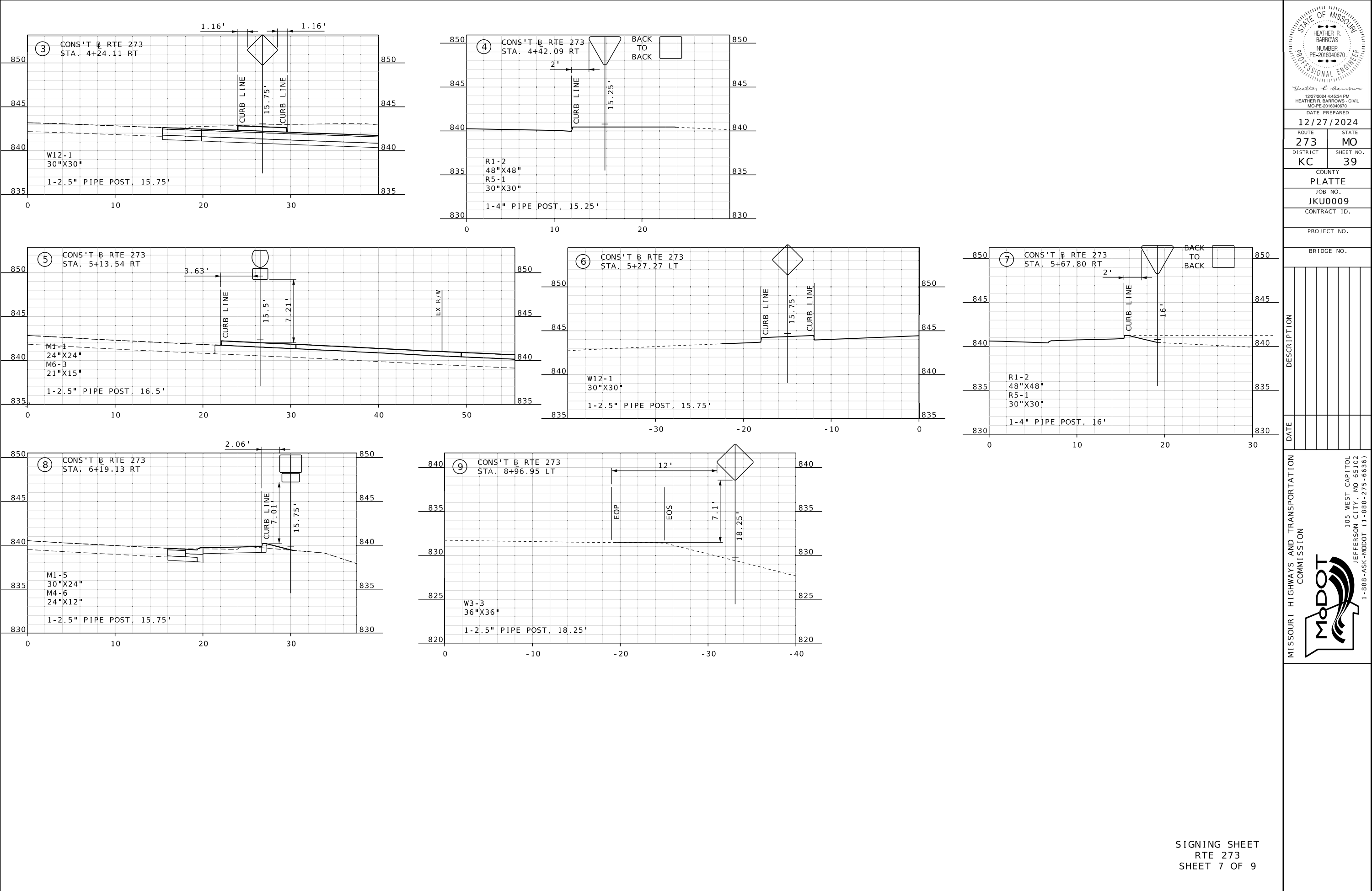
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



SIGNING SHEET
SURVEY C RTE 273
SHEET 6 OF 9



12/27/2024 4:45:34 PM
 HEATHER R. BARROWS, CIVIL
 MO-PE-2016040670

DATE PREPARED
 12/27/2024
 ROUTE STATE
 273 MO
 DISTRICT SHEET NO.
 KC 39

COUNTY
 PLATTE
 JOB NO.
 JKU0009
 CONTRACT ID.

PROJECT NO.
 BRIDGE NO.

| DATE | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |
| | |
| | |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

SIGNING SHEET
 RTE 273
 SHEET 7 OF 9



HEATHER R. BARROWS
 NUMBER PE-2016040670
 PROFESSIONAL ENGINEER

DATE PREPARED 12/27/2024

ROUTE 273 STATE MO

DISTRICT KC SHEET NO. 40

COUNTY PLATTE

JOB NO. JKU0009

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

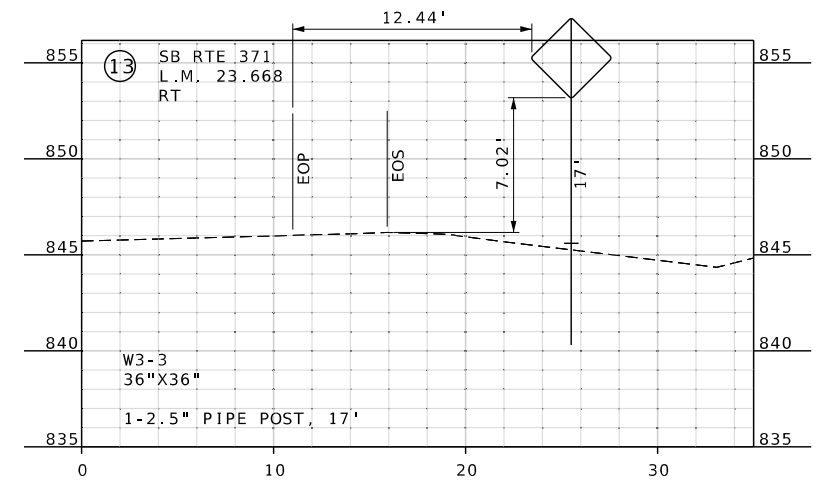
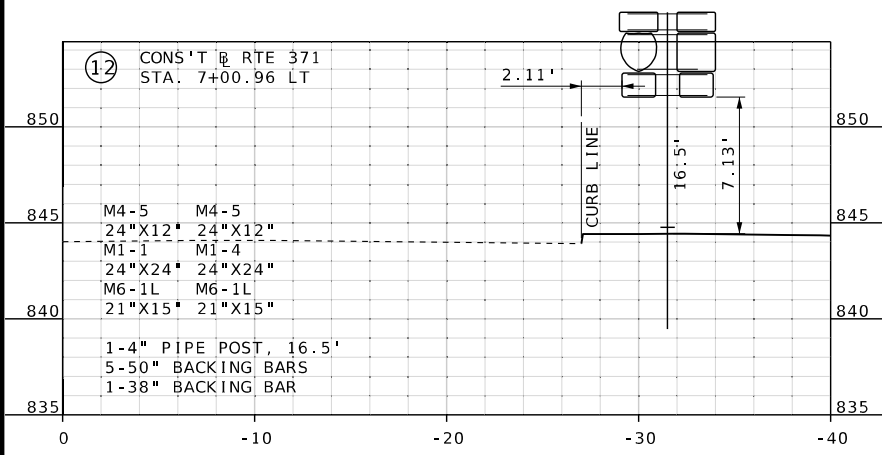
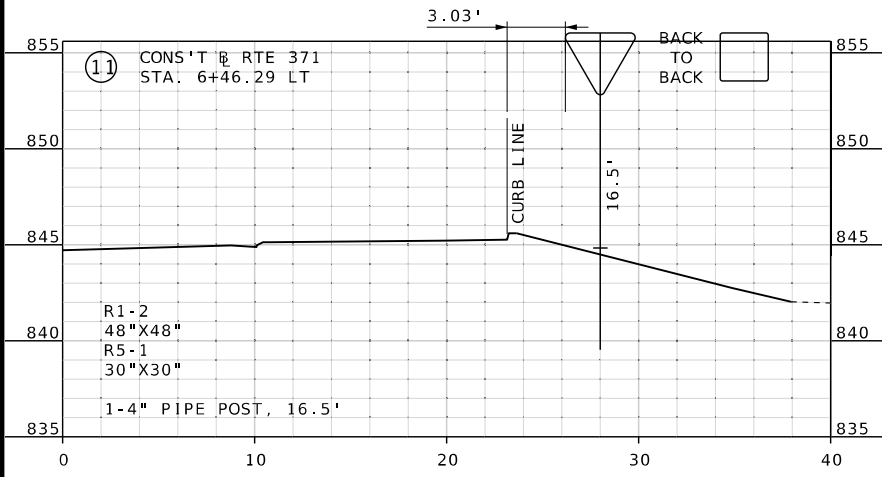
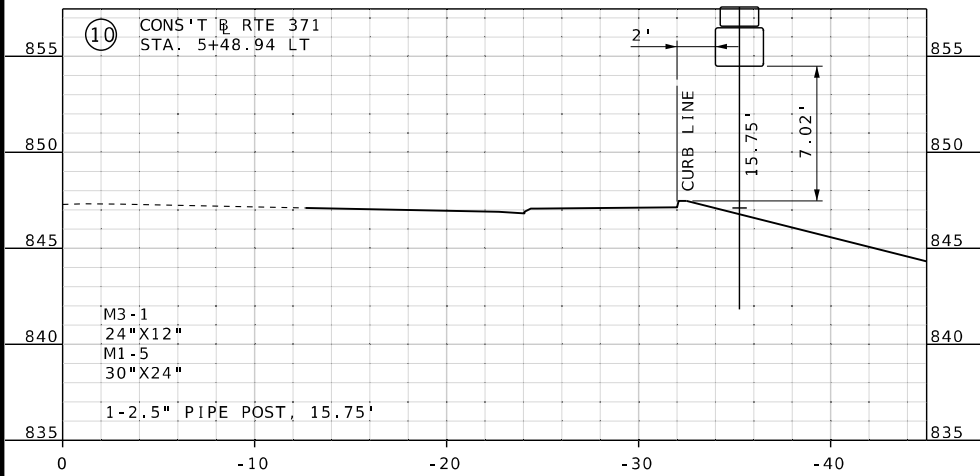
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

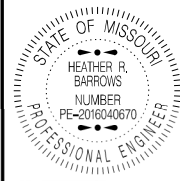
105 WEST CAPITOL JEFFERSON CITY, MO 65102

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

MoDOT



SIGNING SHEET
 RTE 371
 SHEET 8 OF 9



Heather R. Barrows
 12/27/2024 4:46:15 PM
 HEATHER R. BARROWS, CIVIL
 MO-PE-2016040670

DATE PREPARED
 12/27/2024

ROUTE STATE
 273 MO

DISTRICT SHEET NO.
 KC 41

COUNTY
 PLATTE

JOB NO.
 JKU0009

CONTRACT ID.

PROJECT NO.

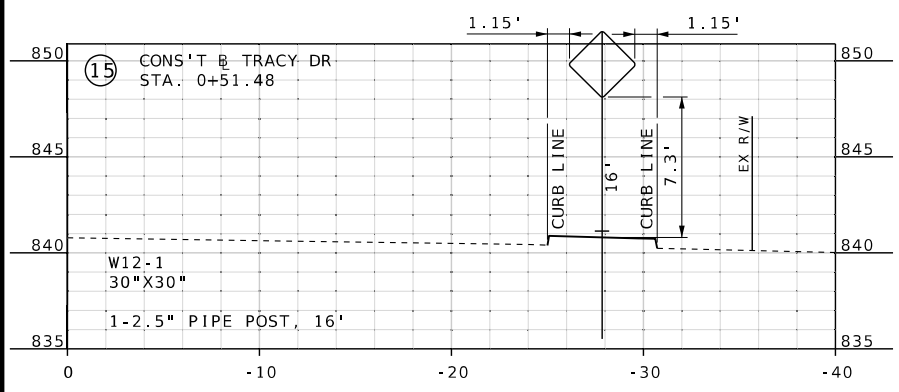
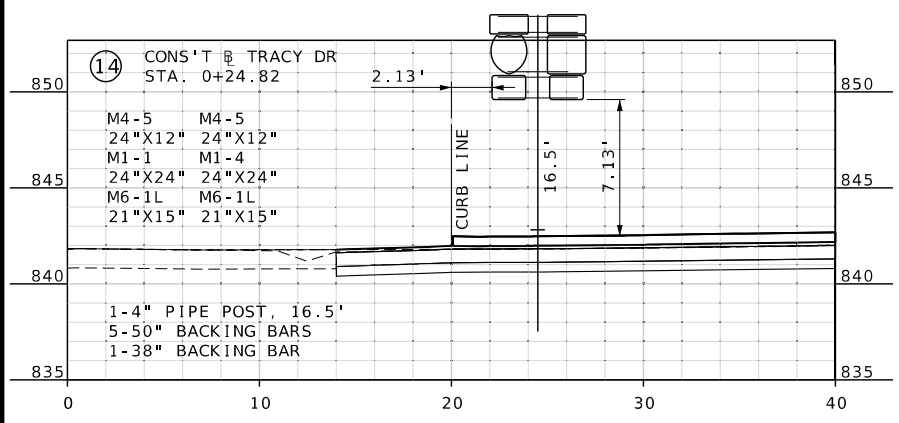
BRIDGE NO.

| DATE | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

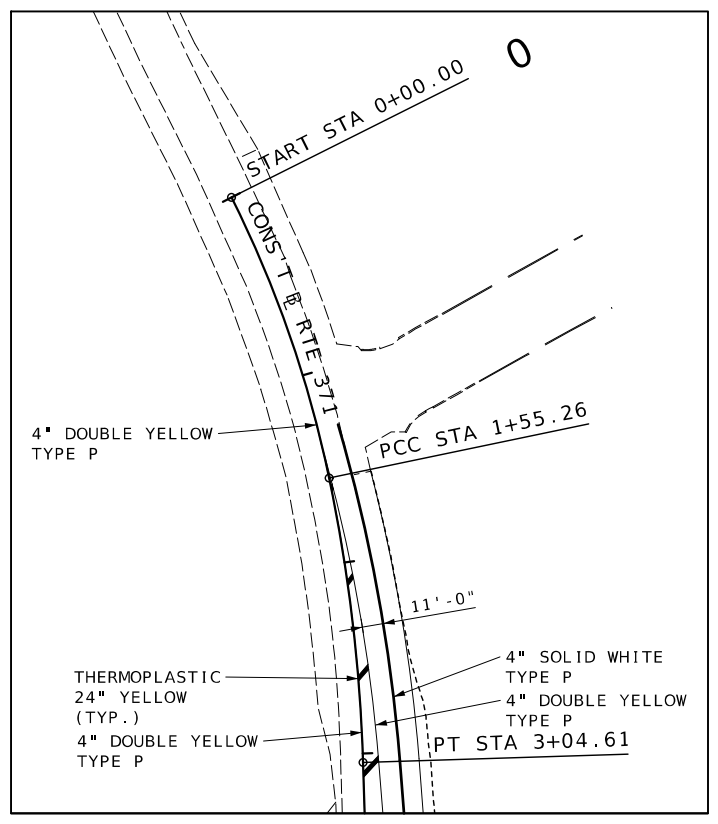
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



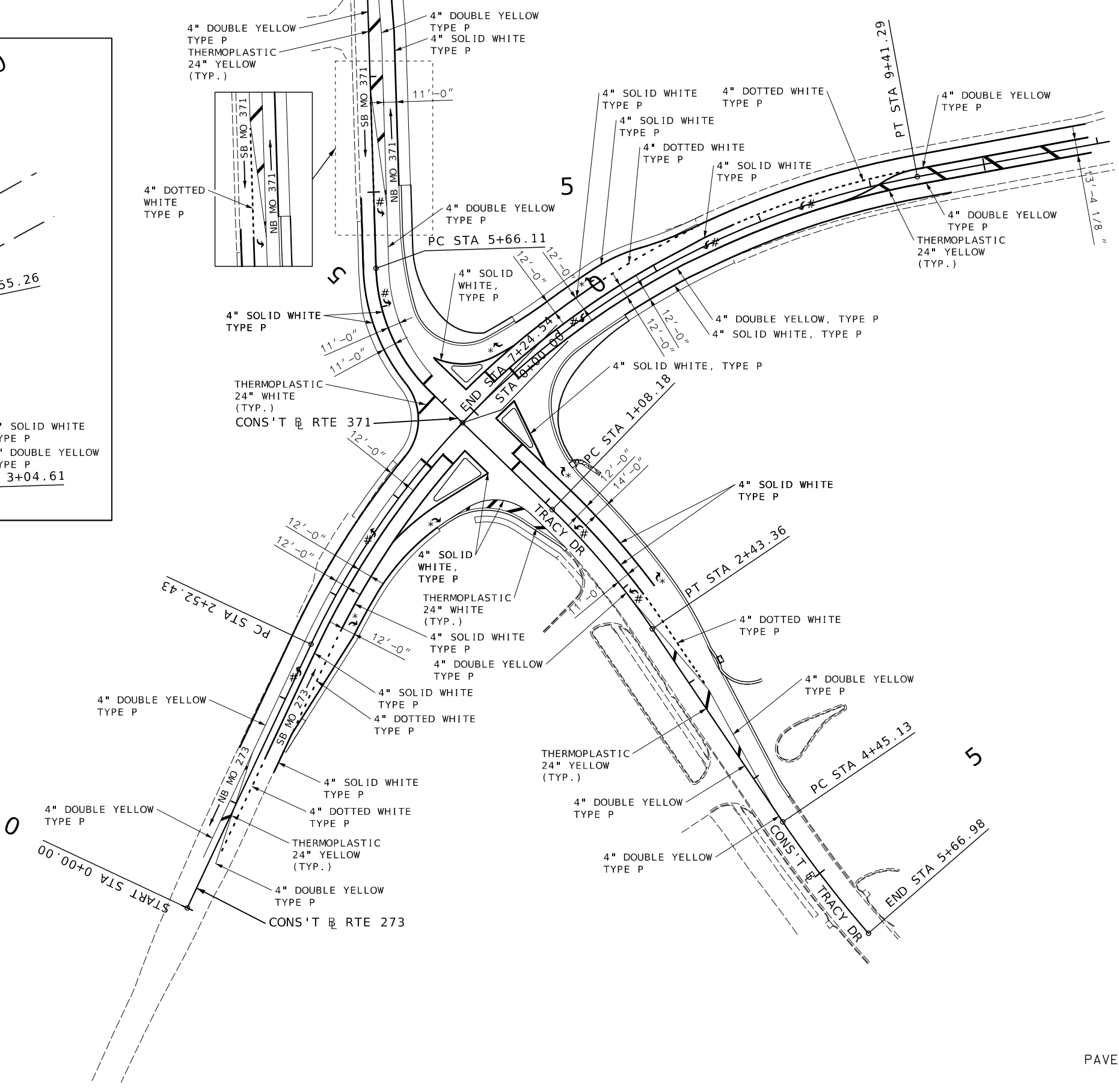
105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)



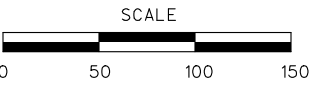
SIGNING SHEET
 TRACY DRIVE
 SHEET 9 OF 9



MATCHLINE STA. 3+31.19



* THERMOPLASTIC RT ARROW
 # THERMOPLASTIC LT ARROW



Heather R. Barrows
 12/27/2024 3:48:56 PM
 HEATHER R. BARROWS - CIVIL
 MO-PE-2016040670

DATE PREPARED
 12/27/2024

ROUTE 273 STATE MO
 DISTRICT KC SHEET NO. 42

COUNTY PLATTE
 JOB NO. JKU0009
 CONTRACT ID.

PROJECT NO.
 BRIDGE NO.

| DATE | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |
| | |
| | |



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



HEATHER R. BARROWS
 PROFESSIONAL ENGINEER
 LICENSE NUMBER PE-2016040670

DATE PREPARED
 12/27/2024

ROUTE 273
 STATE MO
 DISTRICT KC SHEET NO. 43

COUNTY PLATTE

JOB NO. JKU0009

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

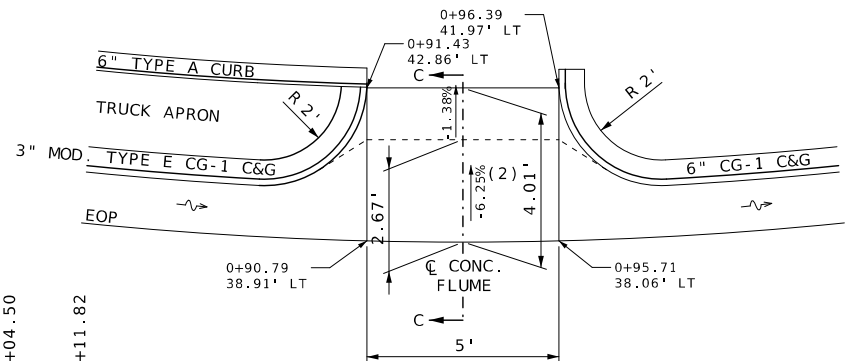
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

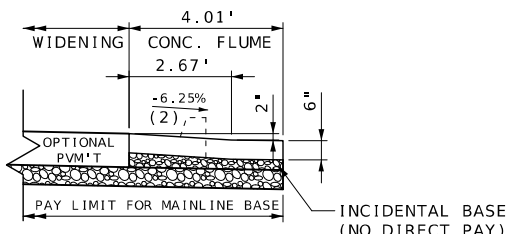
105 WEST CAPITOL JEFFERSON CITY, MO 65102

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

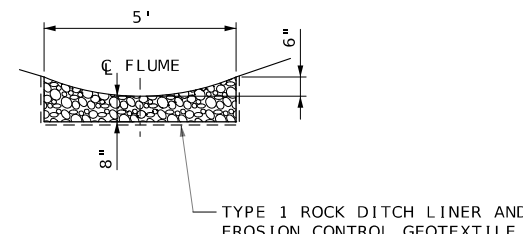
MoDOT



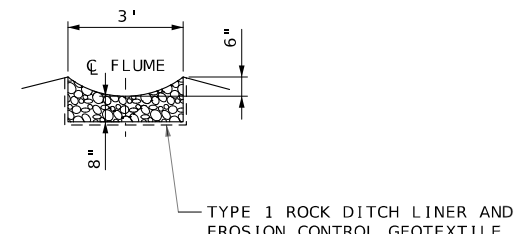
PLAN - CONC. DRAIN FLUME (3) (4)



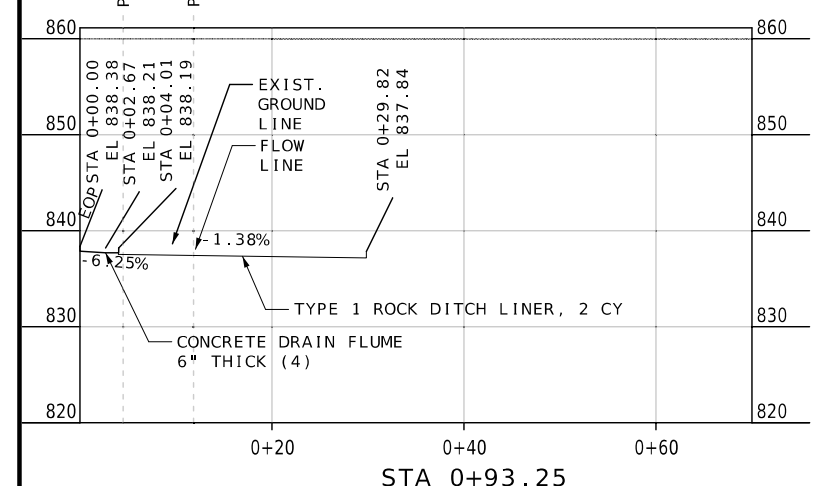
SECTION C-C (3)



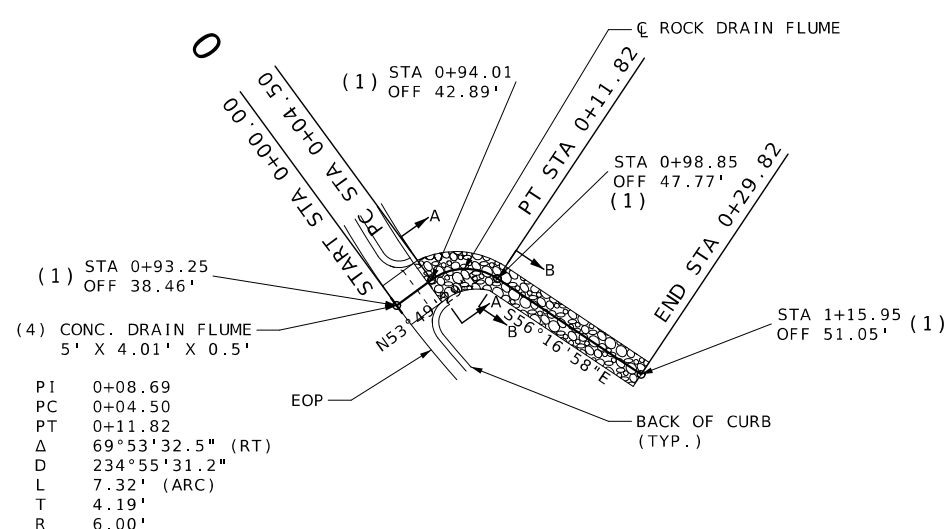
SECTION A-A (3)



SECTION B-B (3)



STA 0+93.25

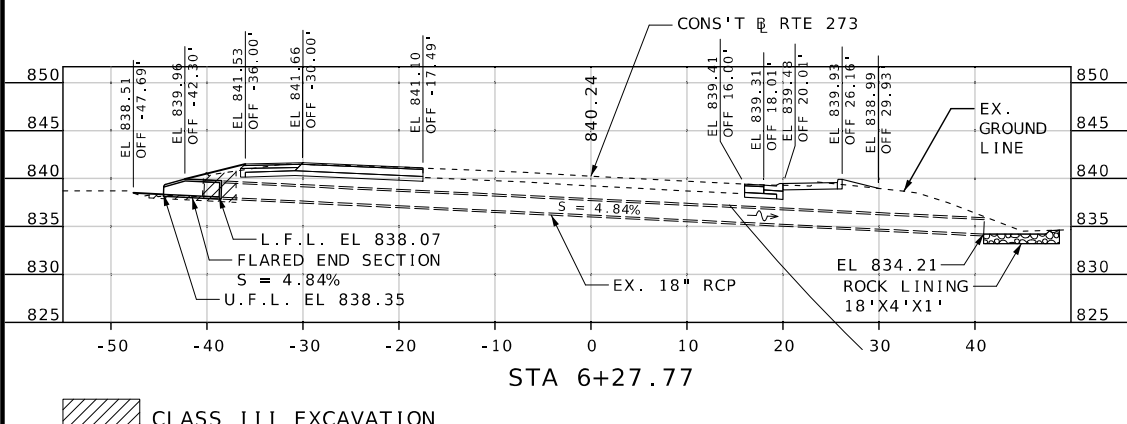


PLAN - ROCK DRAIN FLUME (3)

CONS'T @ TRACY DRIVE
 STA. 0+93.25, OFF. 38.46' LT
 BUILD CONCRETE DRAIN FLUME
 BUILD ROCK DRAIN FLUME (STANDARD PLAN 609.40)
 TYPE 1 ROCK LINING DITCH LINING = 2 C.Y.
 EROSION CONTROL GEOTEXTILE = 13 S. Y.

NOTES:
 (1) CONS'T @ TRACY DRIVE STATION & OFFSET
 (2) SLOPE SAME AS GUTTER (6.25%)
 (3) NOT TO SCALE, FOLLOW DIMENSIONS.
 (4) TO BE PAID FOR AS BID ITEM NO. 609-99.03
 CURB & GUTTER APWA TYPE CG-1.

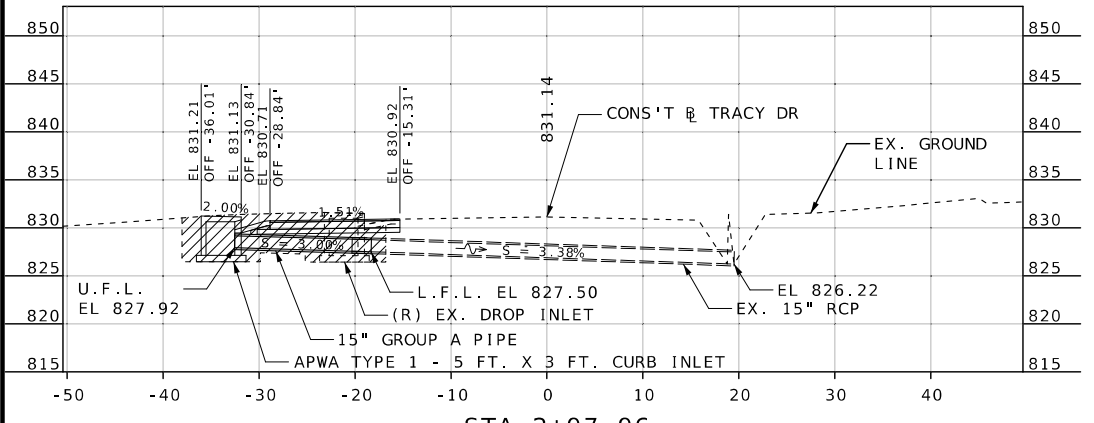
PI 0+08.69
 PC 0+04.50
 PT 0+11.82
 Δ 69°53'32.5" (RT)
 D 234°55'31.2"
 L 7.32' (ARC)
 T 4.19'
 R 6.00'



STA 6+27.77

STA. 6+27.77 CONS'T @ RTE 273
 SKEW 0°59'55" LA
 BUILD FLARED END SECTION (18") LT
 ROCK LINING AT CULVERT OUTLET = 2.7 C.Y.
 CLASS 3 EXCAVATION = 2.2 C.Y.

CLASS III EXCAVATION



STA 2+97.96

STA. 2+97.96 CONS'T @ TRACY DR
 SKEW 0°
 BUILD 1 - 15" X 14.25' GROUP A PIPE
 BUILD 1 - TYPE A PIPE COLLAR

STA. 2+97.96 CONS'T @ TRACY DR
 30.84' LT
 BUILD APWA TYPE 1 - 5 FT. X 3 FT. CURB INLET
 D = 4'
 CLASS 3 EXCAVATION = 14.3 C.Y.
 1-15" GROUP A PIPE OPENING