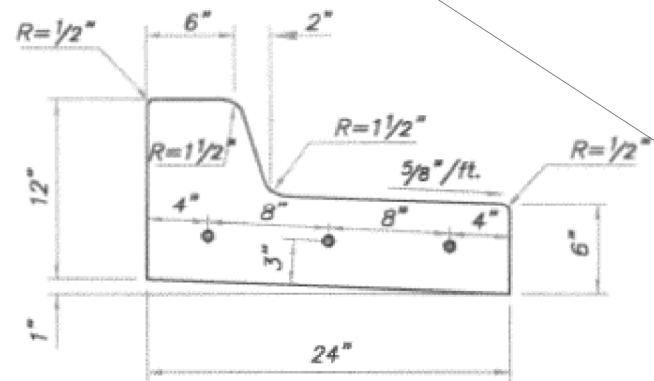
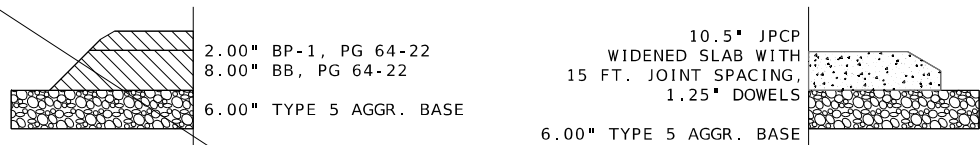
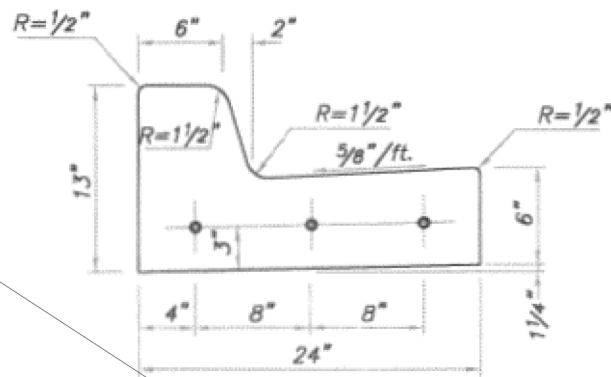


SOUTH OUTER ROAD OPTIONAL PAVEMENT DESIGN



APWA STRAIGHT BACK DRY CURB & GUTTER (TYPE CG-1 DRY)

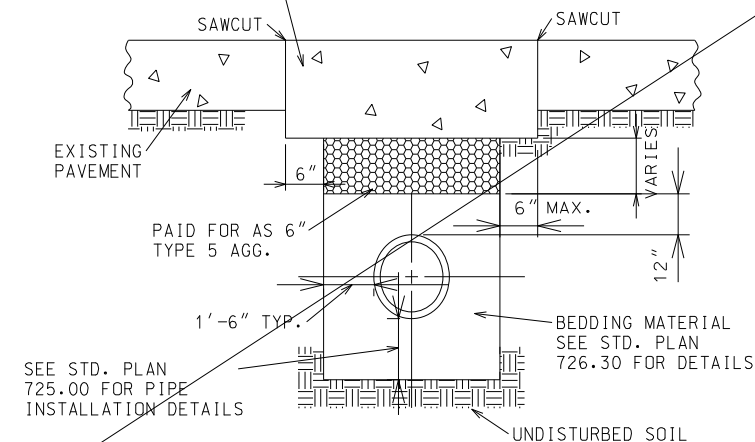


APWA STRAIGHT BACK CURB & GUTTER (TYPE CG-1)

| ASPHALT FACTORS | |
|-----------------|---------|
| MATERIAL | TONS/CY |
| BP-1, PG 64-22 | 1.948 |

| TACK COAT APPLICATION RATE | |
|----------------------------|--|
| 0.10 GAL/YD (UNDILUTED) | |

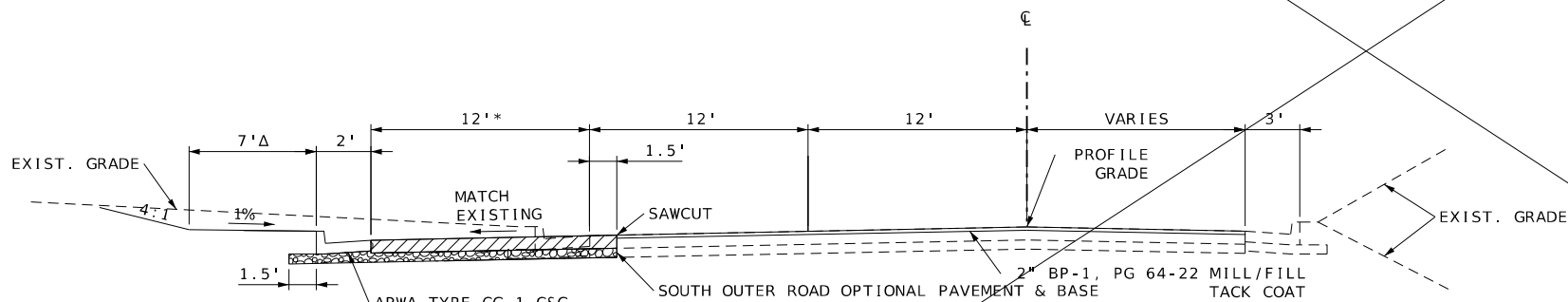
ROUTE 7 OPTIONAL PAVEMENT



PAVEMENT REPAIR DETAIL FOR PIPE INSTALLATIONS

STA. 0+72.90 TO STA. 0+98.95
 @ I-70_RAMP_D
 STA. 21+39.93 TO STA. 21+54.18
 @ I-70_RAMP_C

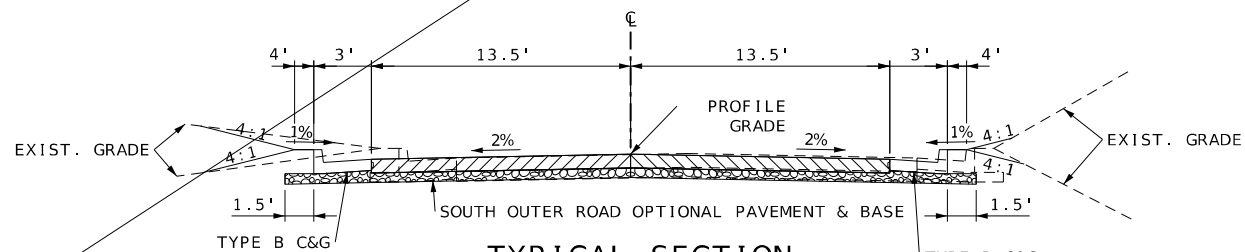
SEE CULVERT SECTION SHEETS FOR DETAILS.



TYPICAL SECTION

SOUTH OUTER ROAD
 STA. 0+37.50 TO STA. 3+20.00 RT. (OPTIONAL PVM'T)
 STA. 0+37.47 TO STA. 3+84.00 (MILL/FILL)

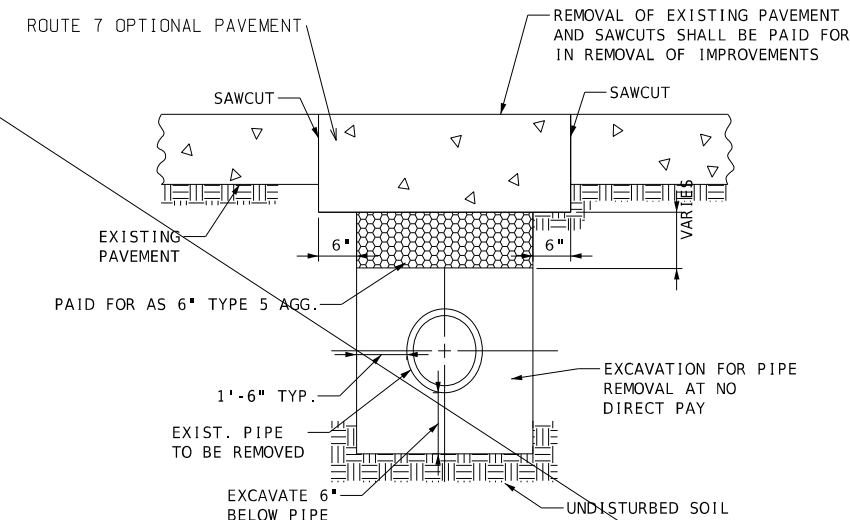
* TRANSITION 12.00' TO 0.00' FROM STA. 1+99.64 TO STA. 3+10.83 RT.
 Δ TRANSITION BERM WIDTH FROM 7' TO 4' STA. 1+80.00 TO STA. 2+00.00
 BERM WIDTH 4' FROM STA. 2+00.00 TO STA. 2+46.00
 TRANSITION BERM WIDTH FROM 4' TO 1' STA. 2+46.00 TO STA. 2+66.00
 BERM WIDTH 1' FROM STA. 2+66.00 TO STA. 3+84.00



TYPICAL SECTION

MOCK AVENUE
 STA. 0+03.29 TO STA. 0+99.43 (OPTIONAL PVM'T)
 STA. 0+99.43 TO STA. 1+12.39 (PAVED APPROACH)

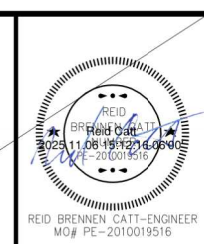
ROUTE 7 OPTIONAL PAVEMENT



PAVEMENT REPAIR DETAIL FOR EXISTING PIPE REMOVAL

STA. 21+65.48 TO STA. 21+70.14
 @ I-70_RAMP_C

NOTE:
 FOR EXISTING PAVEMENT ONLY. PAVEMENT REPAIR NOT ALLOWED ON NEW PAVEMENT.



| | |
|---------------|------------|
| DATE PREPARED | 10/28/2025 |
| ROUTE | 7 |
| STATE | MO |
| DISTRICT | KC |
| SHEET NO. | 2 |
| COUNTY | JACKSON |
| JOB NO. | JKU0010 |
| CONTRACT ID. | |
| PROJECT NO. | |
| BRIDGE NO. | |

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

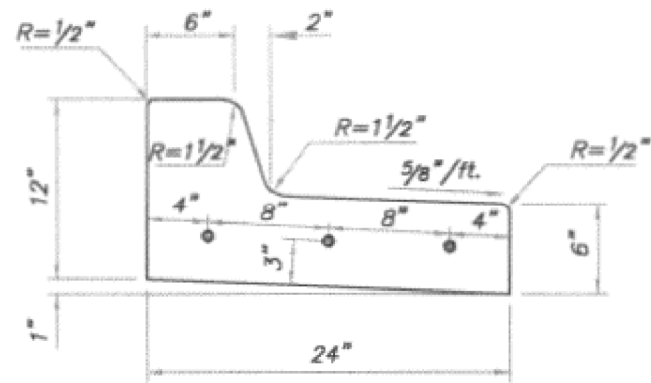
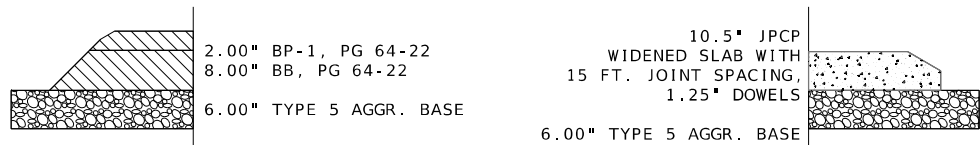
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)

olsson
 1301 BURLINGTON STREET, SUITE 100
 NORTH KANSAS CITY, MO 64116
 PH. (816) 361-1177
 CERTIFICATE OF AUTHORITY NO. 001592

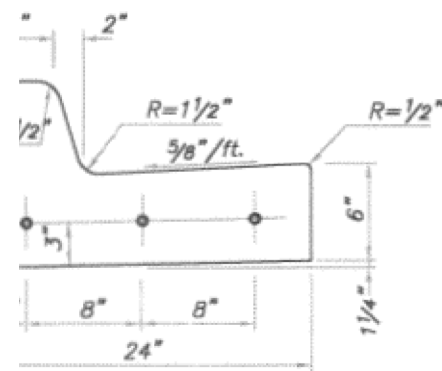
1 SHEET DELETED

TYPICAL SHEET
 4 OF 12

SOUTH OUTER ROAD OPTIONAL PAVEMENT DESIGN



APWA STRAIGHT BACK DRY CURB & GUTTER (TYPE CG-1 DRY)

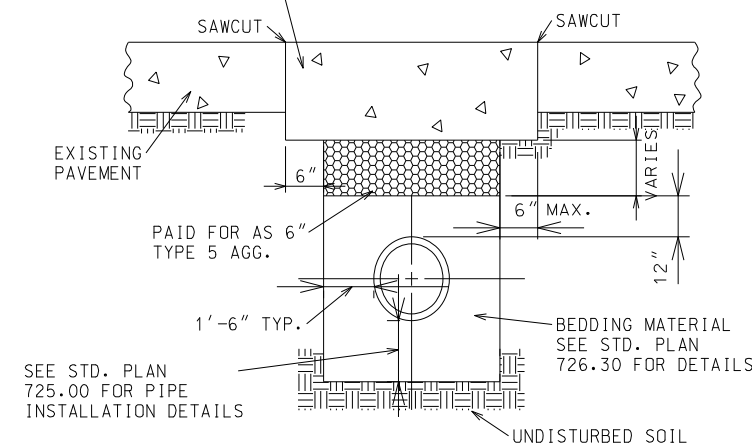


APWA STRAIGHT BACK CURB & GUTTER (TYPE CG-1)

| ASPHALT FACTORS | |
|-----------------|---------|
| MATERIAL | TONS/CY |
| BP-1, PG 64-22 | 1.948 |

| TACK COAT APPLICATION RATE | |
|----------------------------|--|
| 0.10 GAL/YD (UNDILUTED) | |

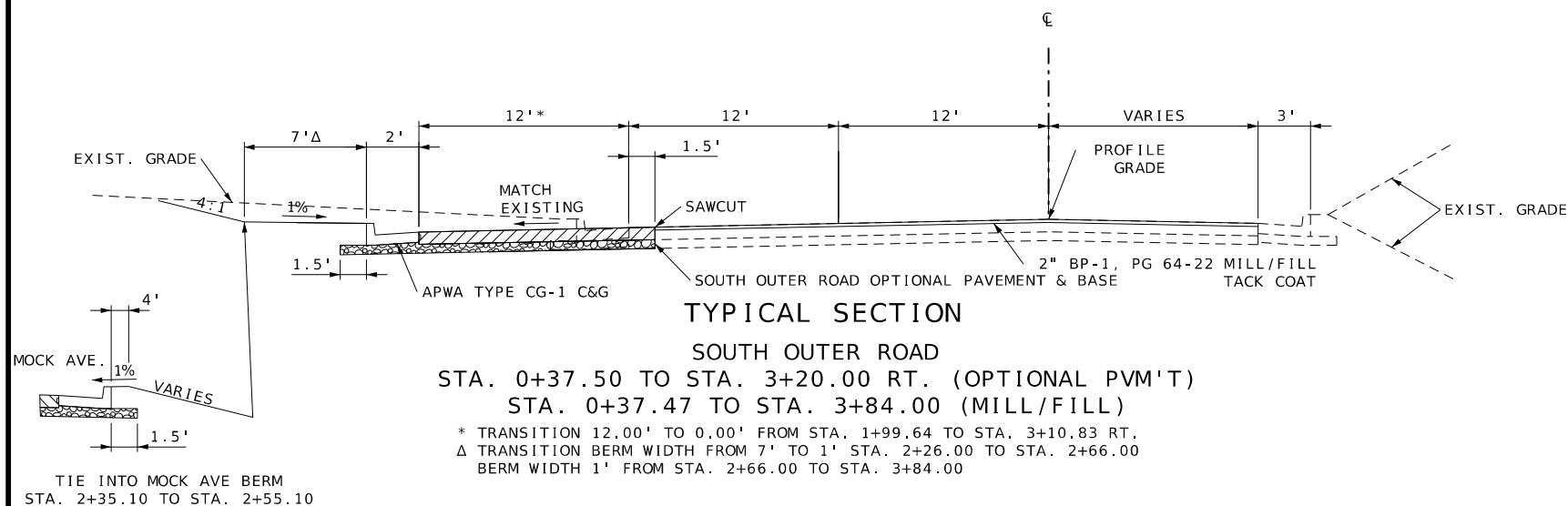
ROUTE 7 OPTIONAL PAVEMENT



PAVEMENT REPAIR DETAIL FOR PIPE INSTALLATIONS

STA. 0+72.90 TO STA. 0+98.95
 @ I-70_RAMP_D
 STA. 21+39.93 TO STA. 21+54.18
 @ I-70_RAMP_C

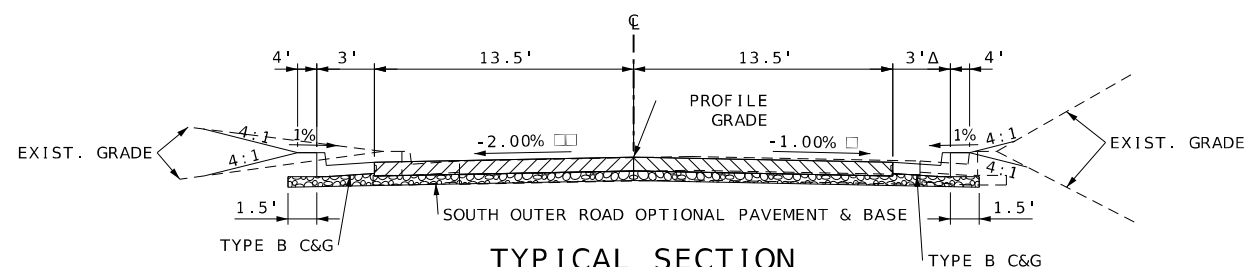
SEE CULVERT SECTION SHEETS FOR DETAILS.



TYPICAL SECTION

SOUTH OUTER ROAD
 STA. 0+37.50 TO STA. 3+20.00 RT. (OPTIONAL PVM'T)
 STA. 0+37.47 TO STA. 3+84.00 (MILL/FILL)

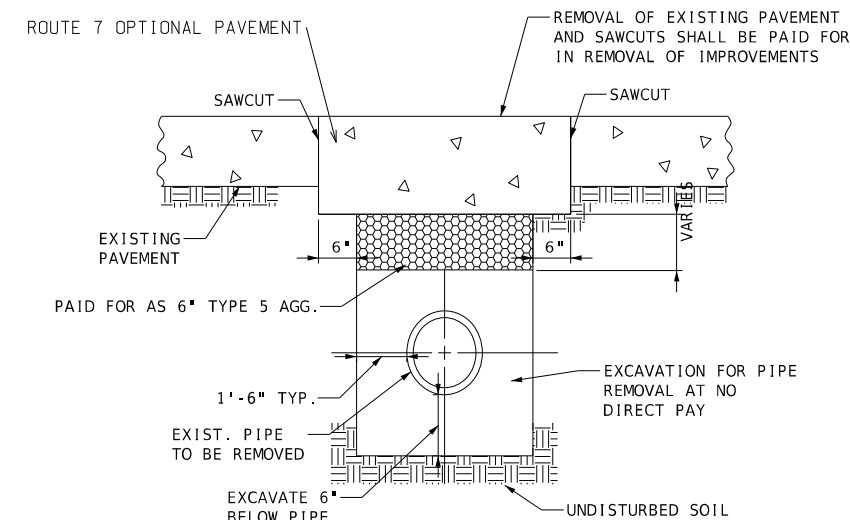
* TRANSITION 12.00' TO 0.00' FROM STA. 1+99.64 TO STA. 3+10.83 RT.
 Δ TRANSITION BERM WIDTH FROM 7' TO 1' STA. 2+26.00 TO STA. 2+66.00
 BERM WIDTH 1' FROM STA. 2+66.00 TO STA. 3+84.00



TYPICAL SECTION

MOCK AVENUE
 STA. 0+03.29 TO STA. 0+99.43 (OPTIONAL PVM'T)
 STA. 0+99.43 TO STA. 1+12.39 (PAVED APPROACH)

Δ TYPE CG-1 CURB AND GUTTER STA. 1+21.32 TO STA. 1+38.65
 □ GRADE TRANSITION -1.49% TO -1.00% FROM STA. 0+03.29 TO STA. 0+28.29
 □ GRADE TRANSITION -2.36% TO -2.00% FROM STA. 0+03.29 TO STA. 0+28.29
 GRADE TRANSITION -2.00% TO +1.42% FROM STA. 0+81.32 TO STA. 1+21.32
 GRADE TRANSITION +1.42% TO -0.05% FROM STA. 1+21.32 TO STA. 1+38.63



PAVEMENT REPAIR DETAIL FOR EXISTING PIPE REMOVAL

STA. 21+65.48 TO STA. 21+70.14
 @ I-70_RAMP_C

NOTE:
 FOR EXISTING PAVEMENT ONLY. PAVEMENT REPAIR NOT ALLOWED ON NEW PAVEMENT.



DATE PREPARED
 11/10/2025

ROUTE 7 STATE MO
 DISTRICT KC SHEET NO. 2

COUNTY JACKSON
 JOB NO. JKU0010
 CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
|----------|-------------------------------------|
| 10/28/25 | REVISION 1 - TYPICAL SHEET REVISION |

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

olsson
 1301 BURLINGTON STREET, SUITE 100
 NORTH KANSAS CITY, MO 64116
 PH. (816) 361-1177
 CERTIFICATE OF AUTHORITY NO. 001592

1 SHEET ADDED

TYPICAL SHEET
 4A OF 12

MOBILIZATION
1 LUMP SUM

CONTRACTOR FURNISHED SURVEYING AND STAKING
1 LUMP SUM

ADDITIONAL MOBILIZATION FOR SEEDING
4 EACH

| REMOVAL OF IMPROVEMENTS | | | | | REMOVAL OF IMPROVEMENTS | | | | | REMOVAL OF IMPROVEMENTS | | | | |
|-------------------------|----------|----------|------------|---------------------------------|-------------------------|----------|----------|------------|-----------------------------------|-------------------------|----------|----------|------------|----------------------------------|
| SHEET | STA. | STA. | LOCATION | DESCRIPTION | SHEET | STA. | STA. | LOCATION | DESCRIPTION | SHEET | STA. | STA. | LOCATION | DESCRIPTION |
| 4 | 00+23.34 | 00+29.34 | ROUTE 7 LT | 6' CURB REMOVAL & SAWCUT | 8 | 19+52.02 | | ROUTE 7 RT | 1 SIGN, 1 POST REMOVE & REPLACE | 9 | 28+04.54 | 28+65.36 | ROUTE 7 RT | 62' SAWCUT |
| 4 | 00+28.36 | 00+32.61 | ROUTE 7 LT | 6' CURB REMOVAL & SAWCUT | 8 | 19+92.31 | | ROUTE 7 RT | PULL BOX REMOVE & REPLACE | 9 | 28+04.54 | 28+14.68 | ROUTE 7 RT | 15' CURB & GUTTER |
| 4 | 00+22.50 | 00+28.50 | ROUTE 7 RT | 6' CURB REMOVAL & SAWCUT | 8 | 20+88.60 | 21+65.29 | ROUTE 7 RT | 77' SAWCUT | 9 | 28+04.54 | 28+65.36 | ROUTE 7 RT | 47 SY ENTRANCE PAVEMENT |
| 4 | 00+27.34 | 00+31.56 | ROUTE 7 RT | 6' CURB REMOVAL & SAWCUT | 8 | 20+88.60 | 21+03.57 | ROUTE 7 RT | 25' CURB & GUTTER | 9 | 28+08.83 | | ROUTE 7 RT | SHRUB |
| 4 | 00+42.48 | 00+50.06 | ROUTE 7 LT | 9' CURB REMOVAL, 12' SAWCUT | 8 | 20+96.60 | 21+57.29 | ROUTE 7 RT | 49 SY ENTRANCE PAVEMENT | 9 | 28+13.85 | 28+55.41 | ROUTE 7 RT | 42' SAWCUT |
| 4 | 00+61.36 | 00+65.66 | ROUTE 7 LT | 5' SAWCUT | 8 | 21+03.57 | 21+50.04 | ROUTE 7 RT | 47' SAWCUT | 9 | 28+55.34 | 28+65.36 | ROUTE 7 RT | 15' CURB & GUTTER |
| 4 | 00+61.36 | 00+75.38 | ROUTE 7 LT | 9 SY SIDEWALK | 8 | 21+46.65 | 21+65.29 | ROUTE 7 RT | 25' CURB & GUTTER | 9 | 28+64.35 | | ROUTE 7 RT | SHRUB |
| 4 | 00+72.98 | 00+75.38 | ROUTE 7 LT | 5' SAWCUT | 8 | 22+28.80 | | ROUTE 7 RT | 1 SIGN, 1 POST REMOVE & REPLACE | 9 | 28+71.03 | | ROUTE 7 RT | SHRUB |
| 4 | 00+43.23 | 00+55.45 | ROUTE 7 RT | 17' CURB REMOVAL, 20' SAWCUT | 8 | 22+75.12 | | ROUTE 7 RT | 1 SIGN, 1 POST REMOVE & REPLACE | 9 | 28+77.15 | | ROUTE 7 RT | SHRUB |
| 4 | 00+63.55 | | ROUTE 7 RT | 1 SIGN, 1 POST REMOVE & REPLACE | 8 | 22+92.47 | | ROUTE 7 RT | PULL BOX REMOVE & REPLACE | 9 | 28+89.87 | | ROUTE 7 RT | 1 SIGN, 1 POST REMOVE & REPLACE |
| 4 | 00+80.71 | 02+01.86 | ROUTE 7 RT | 154' CURB & GUTTER | 8 | 23+11.73 | 23+75.69 | ROUTE 7 RT | 64' SAWCUT | 9 | 28+90.10 | | ROUTE 7 RT | SHRUB |
| 4 | 00+80.71 | 02+01.86 | ROUTE 7 RT | 110 SY PAVEMENT | 8 | 23+11.73 | 23+20.79 | ROUTE 7 RT | 11' CURB & GUTTER | 9 | 29+07.08 | | ROUTE 7 RT | SHRUB |
| 4 | 00+80.71 | 02+01.86 | ROUTE 7 RT | 130' SAWCUT | 8 | 23+11.73 | 23+75.69 | ROUTE 7 RT | 66 SY ENTRANCE PAVEMENT | 9 | 29+14.20 | | ROUTE 7 RT | SHRUB |
| 4 | 00+90.49 | 01+12.70 | ROUTE 7 RT | PARTIAL RETAINING WALL | 8 | 23+21.73 | 23+22.37 | ROUTE 7 RT | 7' CURB & GUTTER | 9 | 29+26.72 | | ROUTE 7 RT | 2 SIGNS, 1 POST REMOVE & REPLACE |
| 4 | 01+24.18 | 02+08.85 | ROUTE 7 RT | RETAINING WALL | 8 | 23+21.82 | 23+63.00 | ROUTE 7 RT | 41' SAWCUT | 9 | 29+26.95 | | ROUTE 7 RT | SHRUB |
| 4 | 01+38.43 | | ROUTE 7 RT | 1 SIGN, 1 POST REMOVE & REPLACE | 8 | 23+63.00 | 23+75.69 | ROUTE 7 RT | 22' CURB & GUTTER | 9 | 29+28.85 | 30+08.43 | ROUTE 7 RT | 81' SAWCUT |
| 4 | 02+08.81 | 02+13.81 | ROUTE 7 RT | 3 SY SIDEWALK | 8 | 23+72.86 | | ROUTE 7 RT | TREE | 9 | 29+28.85 | 29+38.47 | ROUTE 7 RT | 15' CURB & GUTTER |
| 4 | 02+13.81 | | ROUTE 7 RT | 7' SAWCUT | 8 | 23+93.76 | 24+46.41 | ROUTE 7 RT | 53' SAWCUT | 9 | 29+28.85 | 29+38.47 | ROUTE 7 RT | 74 SY ENTRANCE PAVEMENT |
| 6 | 09+28.98 | 09+54.93 | ROUTE 7 RT | PARTIAL RETAINING WALL | 8 | 23+93.76 | 24+04.14 | ROUTE 7 RT | 20' CURB & GUTTER | 9 | 29+38.47 | 29+98.42 | ROUTE 7 RT | 60' SAWCUT |
| 6 | 09+54.93 | | ROUTE 7 RT | 1' SAWCUT | 8 | 23+93.76 | 24+46.41 | ROUTE 7 RT | 52 SY ENTRANCE PAVEMENT | 9 | 29+98.42 | 30+08.43 | ROUTE 7 RT | 16' CURB & GUTTER |
| 6 | 10+70.98 | | ROUTE 7 RT | 5' SAWCUT | 8 | 23+99.36 | | ROUTE 7 RT | 1 SIGN, 1 POST REMOVE & REPLACE | 10 | 30+29.02 | 30+75.50 | ROUTE 7 RT | 48' SAWCUT |
| 6 | 10+70.98 | 10+99.15 | ROUTE 7 RT | 16 SY SIDEWALK | 8 | 24+04.14 | 24+37.84 | ROUTE 7 RT | 34' SAWCUT | 10 | 30+29.02 | 30+39.55 | ROUTE 7 RT | 15' CURB & GUTTER |
| 6 | 10+80.98 | 10+88.98 | ROUTE 7 RT | 8' CURB & GUTTER | 8 | 24+37.84 | 24+46.41 | ROUTE 7 RT | 21' CURB & GUTTER | 10 | 30+29.02 | 30+75.50 | ROUTE 7 RT | 26 SY ENTRANCE PAVEMENT |
| 6 | 10+80.98 | 11+47.37 | ROUTE 7 RT | 66' SAWCUT | 9 | 24+46.41 | 25+10.56 | ROUTE 7 RT | 64' SAWCUT | 10 | 30+38.96 | 30+58.85 | ROUTE 7 RT | 20' SAWCUT |
| 6 | 10+88.98 | 11+39.37 | ROUTE 7 RT | 63 SY ENTRANCE PAVEMENT | 9 | 24+46.41 | 24+55.92 | ROUTE 7 RT | 18' CURB & GUTTER | 10 | 30+58.85 | 30+75.50 | ROUTE 7 RT | 21' CURB & GUTTER |
| 6 | 10+99.53 | 11+28.94 | ROUTE 7 RT | 29' SAWCUT | 9 | 24+46.41 | 25+10.56 | ROUTE 7 RT | 57 SY ENTRANCE PAVEMENT | 10 | 31+05.80 | | ROUTE 7 RT | 1 SIGN, 1 POST REMOVE & REPLACE |
| 6 | 11+29.20 | 11+57.36 | ROUTE 7 RT | 17 SY SIDEWALK | 9 | 24+55.92 | 25+01.50 | ROUTE 7 RT | 51' SAWCUT | 10 | 31+01.02 | 31+81.60 | ROUTE 7 RT | 81' SAWCUT |
| 6 | 11+39.37 | 11+47.37 | ROUTE 7 RT | 8' CURB & GUTTER | 9 | 24+99.36 | 25+14.88 | ROUTE 7 RT | 31' CURB & GUTTER | 10 | 31+01.02 | 31+28.38 | ROUTE 7 RT | 43' CURB & GUTTER |
| 6 | 11+57.36 | | ROUTE 7 RT | 6' SAWCUT | 9 | 25+63.55 | | ROUTE 7 RT | 1 SIGN, 1 POST REMOVE & REPLACE | 10 | 31+16.57 | 31+71.10 | ROUTE 7 RT | 73 SY ENTRANCE PAVEMENT |
| 6 | 12+53.00 | | ROUTE 7 RT | 6' SAWCUT | 9 | 25+88.53 | | ROUTE 7 RT | SIGNAL PULL BOX | 10 | 31+18.83 | | ROUTE 7 RT | BUSH |
| 6 | 12+53.00 | 12+58.00 | ROUTE 7 RT | 3 SY SIDEWALK | 9 | 26+08.46 | | ROUTE 7 RT | SIGNAL POLE BASE | 10 | 31+23.51 | | ROUTE 7 RT | BUSH |
| 6 | 12+58.00 | | ROUTE 7 RT | 6' SAWCUT | 9 | 26+11.26 | 26+28.28 | ROUTE 7 RT | 20' CURB & GUTTER | 10 | 31+28.38 | 31+58.59 | ROUTE 7 RT | 30' SAWCUT |
| 7 | 15+69.59 | | ROUTE 7 RT | 5' SAWCUT | 9 | 26+14.18 | | ROUTE 7 RT | SIGNAL PULL BOX | 10 | 31+58.59 | 31+81.60 | ROUTE 7 RT | 35' CURB & GUTTER |
| 7 | 15+69.59 | 16+03.50 | ROUTE 7 RT | 19 SY SIDEWALK | 9 | 26+19.62 | 26+28.61 | ROUTE 7 LT | 9' CURB & GUTTER, 13' SAWCUT | 10 | 31+72.82 | | ROUTE 7 RT | BUSH |
| 7 | 15+79.60 | 16+01.50 | ROUTE 7 RT | 24' CURB & GUTTER | 9 | 26+19.13 | 26+23.49 | ROUTE 7 LT | 64' SAWCUT | 10 | 32+16.08 | | ROUTE 7 LT | SIGNAL POLE |
| 7 | 15+79.60 | 16+69.03 | ROUTE 7 RT | 89' SAWCUT | 9 | 26+19.13 | 26+39.88 | ROUTE 7 LT | 97 SY ENTRANCE PAVEMENT | 10 | 32+27.96 | | ROUTE 7 RT | SIGNAL PULL BOX |
| 7 | 15+96.06 | 16+49.06 | ROUTE 7 RT | 65 SY ENTRANCE PAVEMENT | 9 | 26+20.34 | 26+36.74 | ROUTE 7 LT | 42' CURB & GUTTER | 10 | 32+36.63 | 33+02.35 | ROUTE 7 RT | 67' SAWCUT |
| 7 | 16+03.43 | 16+03.52 | ROUTE 7 RT | 4' CURB & GUTTER | 9 | 26+23.49 | 26+33.96 | ROUTE 7 LT | 11' CURB & GUTTER | 10 | 32+36.63 | 32+48.57 | ROUTE 7 RT | 20' CURB & GUTTER |
| 7 | 16+03.52 | 16+33.98 | ROUTE 7 RT | 31' SAWCUT | 9 | 26+27.14 | | ROUTE 7 LT | SIGNAL POLE BASE | 10 | 32+36.63 | 32+94.85 | ROUTE 7 RT | 56 SY ENTRANCE PAVEMENT |
| 7 | 16+33.98 | 16+69.03 | ROUTE 7 RT | 41' CURB & GUTTER | 9 | 26+38.08 | | ROUTE 7 LT | 14' CURB & GUTTER | 10 | 32+37.10 | | ROUTE 7 RT | SIGNAL POLE |
| 7 | 16+83.87 | | ROUTE 7 RT | PULL BOX REMOVE & REPLACE | 9 | 26+33.96 | 26+38.22 | ROUTE 7 LT | 9 SY SIDEWALK | 10 | 32+48.57 | 32+84.93 | ROUTE 7 RT | 36' SAWCUT |
| 7 | 17+06.45 | | ROUTE 7 RT | 1 SIGN, 1 POST REMOVE & REPLACE | 9 | 26+34.67 | 26+38.47 | ROUTE 7 LT | 4' SAWCUT | 10 | 32+66.05 | 32+69.35 | ROUTE 7 RT | 3 SY MEDIAN |
| 7 | 17+60.47 | | ROUTE 7 RT | 1 SIGN, 1 POST REMOVE & REPLACE | 9 | 26+36.74 | 26+39.88 | ROUTE 7 LT | 73' SAWCUT | 10 | 32+84.93 | 33+02.35 | ROUTE 7 RT | 26' CURB & GUTTER |
| 7 | 18+42.84 | 19+10.59 | ROUTE 7 RT | 68' SAWCUT | 9 | 26+69.64 | 26+78.00 | ROUTE 7 RT | 10' CURB & GUTTER | 10 | 32+93.66 | | ROUTE 7 RT | LIGHTING POLE |
| 7 | 18+42.84 | 18+47.77 | ROUTE 7 RT | 5' CURB & GUTTER | 9 | 26+72.94 | | ROUTE 7 RT | SIGNAL CONTROLLER CABINET R&R | 10 | 32+97.74 | | ROUTE 7 RT | SIGNAL PULL BOX |
| 7 | 18+47.77 | 19+01.21 | ROUTE 7 RT | 43 SY ENTRANCE PAVEMENT | 9 | 26+81.66 | 27+10.46 | ROUTE 7 RT | 44' CURB & GUTTER | 10 | 32+86.93 | 33+16.54 | ROUTE 7 LT | 3 SY PAVEMENT |
| 7 | 18+55.09 | 18+60.88 | ROUTE 7 RT | 12' CURB & GUTTER | 9 | 26+81.25 | 27+51.24 | ROUTE 7 RT | 70' SAWCUT | 10 | 32+86.93 | 33+16.54 | ROUTE 7 LT | 49' SAWCUT |
| 7 | 18+60.88 | 18+91.06 | ROUTE 7 RT | 30' SAWCUT | 9 | 26+81.68 | 27+61.97 | ROUTE 7 RT | 51 SY ENTRANCE PAVEMENT | 10 | 32+88.04 | 32+95.56 | ROUTE 7 LT | 11 SY SIDEWALK |
| 7 | 18+90.49 | 19+10.59 | ROUTE 7 RT | 26' CURB & GUTTER | 9 | 26+85.16 | | ROUTE 7 RT | SIGNAL POLE | 10 | 32+88.42 | 32+88.46 | ROUTE 7 LT | 2' CURB & GUTTER |
| 1 LUMP SUM | | | | | 9 | 26+91.75 | | ROUTE 7 RT | SIGNAL EQUIPMENT REMOVE & REPLACE | 10 | 32+92.08 | 33+16.54 | ROUTE 7 LT | 33' CURB & GUTTER |
| | | | | | 9 | 26+98.92 | 27+61.97 | ROUTE 7 RT | 64' SAWCUT | 10 | 32+91.63 | 32+95.73 | ROUTE 7 LT | 4' SAWCUT |
| | | | | | 9 | 27+51.22 | 27+61.98 | ROUTE 7 RT | 16' CURB & GUTTER | 10 | 32+97.95 | | ROUTE 7 LT | SIGNAL POLE |
| | | | | | 9 | 27+61.21 | | ROUTE 7 RT | 1 SIGN, 1 POST REMOVE & REPLACE | 10 | 33+00.35 | | ROUTE 7 RT | SIGNAL POLE |
| | | | | | 9 | 27+81.85 | | ROUTE 7 RT | 1 SIGN, 1 POST REMOVE & REPLACE | 10 | 33+03.87 | | ROUTE 7 LT | SIGNAL POLE |
| | | | | | 9 | 27+94.74 | | ROUTE 7 RT | SHRUB | 1 LUMP SUM | | | | |
| 1 LUMP SUM | | | | | 1 LUMP SUM | | | | | 1 LUMP SUM | | | | |

| EARTHWORK | | | | | | |
|----------------|----------|----------|------------|------------------------------|----------------------------|-------------------------|
| SHEET | STA. | STA. | LOCATION | UNCLASSIFIED EXCAVATION (CY) | COMPACTING EMBANKMENT (CY) | COMPACTING IN CUT (STA) |
| XS-7 TO XS-10 | 75+04.46 | 77+68.25 | RTE 7 RT | 186 | 149 | 2.6 |
| XS-11 | 00+00.00 | 1+80.03 | RAMP C RT | 82 | 66 | 1.8 |
| XS-15 TO XS-19 | 00+04.33 | 03+65.78 | S OUTER RD | 500 | 400 | 3.6 |
| XS-20 | 00+03.29 | 01+12.39 | MOCK AVE | 206 | 165 | 1.1 |
| TOTAL | | | | 974 | 780 | 9.1 |

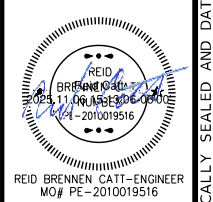
| CLASS 1 EXCAVATION | | | |
|--------------------|----------|-------------|------|
| STA. | STA. | LOCATION | (CY) |
| 75+24.49 | 77+31.28 | ROUTE 7 RT. | 495 |
| TOTAL | | | 495 |

SEE BRIDGE SHEETS FOR SOIL NAIL WALL DETAILS (A9505)

| | |
|------|-----|
| 510 | 408 |
| 337 | 270 |
| 1115 | 893 |

1 REVISED

SUMMARY OF QUANTITIES
SHEET 1 OF 15



DATE PREPARED
10/28/2025
ROUTE 7 STATE MO
DISTRICT KC SHEET NO. 3
COUNTY JACKSON
JOB NO. JKU0010
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

| DATE | DESCRIPTION |
|----------|--------------------------------------|
| 10/28/25 | REVISION 1 - QUANTITY SHEET REVISION |

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

olsson
1301 BURLINGTON STREET, SUITE 100
NORTH KANSAS CITY, MO 64116
PH. (816) 361-1177
CERTIFICATE OF AUTHORITY NO. 001592

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

| REMOVAL OF IMPROVEMENTS | | | | |
|-------------------------|----------|----------|-----------------|----------------------------------|
| SHEET | STA. | STA. | LOCATION | DESCRIPTION |
| 20 | 00+33.77 | 03+25.00 | S OUTER ROAD LT | 384' SAWCUT |
| 20 | 00+33.77 | 03+25.00 | S OUTER ROAD LT | 121 SY PAVEMENT |
| 20 | 00+51.35 | 01+91.94 | S OUTER ROAD LT | 244 SY PAVEMENT |
| 20 | 00+51.35 | 01+63.77 | S OUTER ROAD LT | 159' SAWCUT |
| 20 | 66+52.94 | 66+91.92 | ROUTE 7 LT | 39' CURB & GUTTER |
| 20 | 00+41.91 | 03+25.00 | S OUTER ROAD LT | 320' CURB & GUTTER |
| 20 | 00+92.81 | | S OUTER ROAD LT | CURB INLET |
| 20 | 01+56.33 | | S OUTER ROAD LT | 1 SIGN, 1 POST REMOVE & REPLACE |
| 20 | 02+06.60 | | S OUTER ROAD LT | CURB INLET |
| 20 | 01+94.62 | 02+06.66 | S OUTER ROAD LT | 16' X 12" RCP |
| 20 | 02+09.65 | 03+22.39 | S OUTER ROAD LT | 121' X 18" CMP |
| 20 | 02+23.77 | | S OUTER ROAD LT | 1 SIGN, 1 POST REMOVE & REPLACE |
| 20 | 02+48.97 | | S OUTER ROAD LT | 2 SIGNS, 1 POST REMOVE & REPLACE |
| 20 | 00+03.29 | 00+69.58 | MOCK AVE RT | 69' CURB & GUTTER |
| 20 | 00+03.29 | 00+35.59 | MOCK AVE LT | 42' CURB & GUTTER |
| 20 | 00+03.29 | 00+85.90 | MOCK AVE | 401 SY PAVEMENT |
| 20 | 00+59.62 | 00+78.76 | MOCK AVE | 81' CURB & GUTTER |
| 20 | 00+76.40 | | MOCK AVE LT | 3' X 2' GRATE INLET |
| 20 | 00+76.40 | 00+87.14 | MOCK AVE | 29' X 12" RCP |
| 20 | 00+87.14 | | MOCK AVE RT | 3' X 2' GRATE INLET |
| 1 LUMP SUM | | | | |

| OPTIONAL PAVEMENT | | | | | | |
|-------------------|----------|----------|---------------|---|---|---|
| SHEET | STA. | STA. | LOCATION | ROUTE 7 OPTIONAL PAVEMENT (SY) | S. OUTER ROAD OPTIONAL PAVEMENT (SY) | TYPE 5 AGGREGATE BASE (6 IN.) (SY) |
| 18 | 0+72.90 | 0+98.95 | 1-70 RAMP D | 45.3 | | 45.3 |
| 18 | 72+85.88 | 74+94.83 | ROUTE 7 | 281.7 | | 281.7 |
| 18 | 75+01.15 | 77+71.52 | ROUTE 7 | 274.0 | | 274.0 |
| 18 | 77+25.34 | 77+65.95 | ROUTE 7 | 21.3 | | 21.3 |
| 18 | 00+00.00 | 01+33.28 | 1-70 RAMP C | 187.0 | | 187.0 |
| 18 | 21+41.28 | 21+56.60 | 1-70 RAMP C | 18.5 | | 18.5 |
| 18 | 21+64.32 | 21+65.48 | 1-70 RAMP C | 22.2 | | 22.2 |
| 20 | 0+37.47 | 3+25.00 | S. OUTER ROAD | | 475.3 | 475.3 |
| 20 | 0+03.29 | 0+99.43 | MOCK AVE CL | | 288.4 | 288.4 |
| TOTAL | | | | 850.0 | 763.7 | 1613.7 |
| PAY TOTAL | | | | 850 | 764 | 1614 |

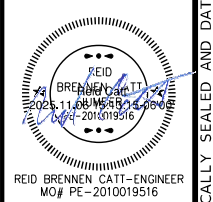
| MEDIAN | | | | | |
|--------|----------|----------|------------|--|--|
| SHEET | STA. | STA. | LOCATION | 8 IN. CONCRETE MEDIAN STRIP (SY) | 3 IN. CONCRETE MEDIAN STRIP (SY) |
| 4 | 2+71.67 | 2+82.30 | ROUTE 7 LT | | 10.4 |
| 9 | 26+16.44 | 26+21.53 | ROUTE 7 RT | 0.6 | |
| 11 | 40+59.36 | 40+62.17 | ROUTE 7 RT | 0.2 | |
| 14 | 53+17.71 | 53+21.09 | ROUTE 7 RT | 0.3 | |
| 15 | 60+87.22 | 65+11.02 | ROUTE 7 LT | 177.4 | |
| 17 | 67+68.12 | 67+78.87 | ROUTE 7 LT | 10.4 | |
| 17 | 67+68.38 | 67+81.67 | ROUTE 7 LT | 14.5 | |
| 17 | 67+83.88 | 67+89.72 | ROUTE 7 LT | 6.3 | |
| 17 | 67+74.72 | 67+80.01 | ROUTE 7 RT | 3.6 | |
| 17 | 67+76.23 | 67+84.48 | ROUTE 7 RT | 3.5 | |
| 18 | 72+85.88 | 74+91.10 | ROUTE 7 LT | 118.3 | |
| 18 | 77+25.26 | 77+27.77 | ROUTE 7 LT | 1.1 | |
| 18 | 77+99.38 | 78+32.55 | ROUTE 7 | 57.4 | |
| 18 | 77+62.62 | 77+68.26 | ROUTE 7 RT | 0.4 | |
| 18 | 21+65.23 | 21+73.55 | RAMP C | 4.3 | |
| 18 | 21+77.43 | 21+88.35 | RAMP C | 11.6 | |
| 19 | 82+45.03 | 82+53.56 | RTE 7 LT | 3.1 | |
| 19 | 82+59.56 | 82+68.49 | RTE 7 LT | 2.6 | |
| 19 | 82+51.30 | 82+54.06 | ROUTE 7 RT | 0.4 | |
| TOTAL | | | | 416.0 | 10.4 |

| | |
|-------|--------|
| 374.2 | 374.2 |
| 849.5 | 1699.5 |
| 850 | 1700 |

1 REVISED

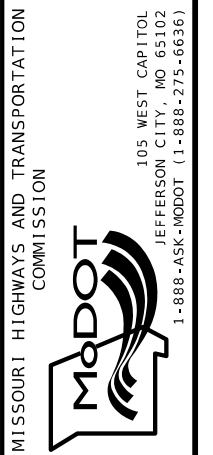
| PAVEMENT | | | | | | | | |
|-----------|----------|----------|------------|------------------------------|-----------------------|--|---|-------------------------------------|
| SHEET | STA. | STA. | LOCATION | 2" BP-1 PG 64-22 (TON) | TACK COAT (GAL) | CONCRETE PAVEMENT (10 IN. NON-REINF.) (SY) | COLDMILLING BIT. PAVEMENT (3' OR LESS) (SY) | TYPE 5 AGG. BASE (6 IN.) (SY) |
| 4 | 00+42.48 | 00+49.57 | RTE 7 LT | | | 1.3 | | 1.3 |
| 4 | 00+43.23 | 00+55.45 | RTE 7 RT | | | 2.6 | | 2.6 |
| 9 | 26+10.35 | 26+30.07 | RTE 7 RT | | | 2.5 | | 2.5 |
| 9 | 26+19.77 | 26+28.61 | RTE 7 LT | | | 1.0 | | 1.0 |
| 9 | 26+67.89 | 26+78.21 | RTE 7 RT | | | 1.4 | | 1.4 |
| 9 | 26+81.68 | 27+08.52 | RTE 7 RT | | | 3.0 | | 3.0 |
| 10 | 30+68.63 | 31+14.72 | RTE 7 RT | | | 5.0 | | 5.0 |
| 10 | 31+75.74 | 32+36.62 | RTE 7 RT | | | 6.8 | | 6.8 |
| 10 | 32+86.92 | 33+16.54 | RTE 7 LT | | | 5.0 | | 5.0 |
| 10 | 32+99.85 | 34+45.94 | RTE 7 RT | | | 21.1 | | 21.1 |
| 10 | 34+45.21 | 35+23.03 | RTE 7 RT | | | 123.4 | | 123.4 |
| 11 | 36+84.91 | 37+64.41 | RTE 7 LT | | | 109.3 | | 109.3 |
| 11 | 40+50.65 | 40+83.47 | RTE 7 LT | | | 4.9 | | 4.9 |
| 11 | 40+46.99 | 40+78.14 | RTE 7 RT | | | 4.3 | | 4.3 |
| 12 | 41+11.98 | 41+73.50 | RTE 7 RT | | | 36.9 | | 36.9 |
| 12 | 43+07.81 | 43+28.94 | RTE 7 RT | | | 2.3 | | 2.3 |
| 14 | 52+24.30 | 52+62.38 | RTE 7 RT | | | 83.6 | | 83.6 |
| 14 | 52+98.97 | 53+00.84 | RTE 7 LT | | | 12.0 | | 12.0 |
| 14 | 53+08.55 | 53+31.28 | RTE 7 RT | | | 2.9 | | 2.9 |
| 14 | 53+09.14 | 53+26.59 | RTE 7 LT | | | 2.1 | | 2.1 |
| 15 | 58+92.16 | 59+08.83 | RTE 7 RT | | | 2.2 | | 2.2 |
| 15 | 59+46.92 | 59+64.92 | RTE 7 RT | | | 2.3 | | 2.3 |
| 16 | 65+19.22 | 65+34.30 | RTE 7 RT | | | 8.8 | | 8.8 |
| 16 | 67+09.82 | 67+24.83 | RTE 7 RT | | | 2.4 | | 2.4 |
| 17 | 67+73.26 | 68+02.38 | RTE 7 RT | | | 4.3 | | 4.3 |
| 18 | 73+91.53 | 74+71.64 | RTE 7 RT | | | 10.9 | | 10.9 |
| 19 | 81+78.22 | 82+71.85 | RTE 7 RT | | | 148.3 | | 148.3 |
| 19 | 82+41.06 | 82+69.41 | RTE 7 LT | | | 31.1 | | 31.1 |
| 20 | 00+37.47 | 03+84.00 | S OUTER RD | 198.2 | 183.1 | | 1831.3 | |
| TOTAL | | | | 198.2 | 183 | 641.7 | 1831.3 | 641.7 |
| PAY TOTAL | | | | 198.2 | 183 | 641.7 | 1831 | 642 |

SUMMARY OF QUANTITIES
SHEET 4 OF 15



DATE PREPARED
10/28/2025
ROUTE 7 STATE MO
DISTRICT KC SHEET NO. 3
COUNTY JACKSON
JOB NO. JKU0010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

| DATE | DESCRIPTION |
|----------|--------------------------------------|
| 10/28/25 | REVISION 1 - QUANTITY SHEET REVISION |



Olsson
1301 BURLINGTON STREET, SUITE 100
NORTH KANSAS CITY, MO 64116
PH. (816) 361-1177
CERTIFICATE OF AUTHORITY NO. 001592

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

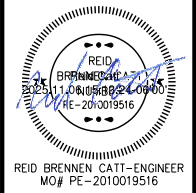
| SIDEWALK | | | | | | | | |
|------------|----------|----------|------------|-------------------------|----------------------|----------------------------|------------------------------|-------------------------|
| SHEET | STA. | STA. | LOCATION | CONCRETE CURB RAMP (SY) | TRUNCATED DOMES (SF) | CONCRETE SIDEWALK, 4" (SY) | TYPE 1 AGG BASE (4 IN.) (SY) | ADA LINEAR GRADING (LF) |
| 4 | 00+22.39 | 00+31.56 | ROUTE 7 RT | | 20.0 | 9.1 | 9.1 | 9 |
| 4 | 00+23.34 | 00+32.61 | ROUTE 7 LT | | 20.0 | 9.2 | 9.2 | 9 |
| 4 | 00+44.22 | 00+52.70 | ROUTE 7 LT | 3.9 | 10.0 | | 3.9 | 8 |
| 4 | 00+45.03 | 00+60.44 | ROUTE 7 RT | 12.4 | 10.0 | | 12.4 | 15 |
| 4 | 00+48.33 | 00+67.48 | ROUTE 7 LT | | | 12.3 | 12.3 | 19 |
| 4 | 00+56.33 | 02+13.81 | ROUTE 7 RT | | | 105.5 | 105.5 | 157 |
| 6 | 10+78.98 | 10+84.03 | ROUTE 7 RT | | | 3.5 | 3.5 | 5 |
| 6 | 10+83.98 | 10+98.35 | ROUTE 7 RT | 8.6 | | | 8.6 | 14 |
| 6 | 11+29.81 | 11+45.38 | ROUTE 7 RT | 10.4 | | | 10.4 | 16 |
| 6 | 11+45.37 | 11+50.36 | ROUTE 7 RT | | | 3.3 | 3.3 | 5 |
| 6 | 12+53.00 | 12+58.00 | ROUTE 7 RT | | | 3.3 | 3.3 | 5 |
| 7 | 15+69.59 | 15+87.65 | ROUTE 7 RT | | | 12.5 | 12.5 | 18 |
| 7 | 15+87.67 | 16+00.73 | ROUTE 7 RT | 7.1 | | | 7.1 | 13 |
| 7 | 16+40.41 | 16+77.03 | ROUTE 7 RT | 25.3 | | | 25.3 | 37 |
| 7 | 16+77.01 | 18+45.84 | ROUTE 7 RT | | | 113.8 | 113.8 | 169 |
| 7 | 18+45.82 | 18+60.40 | ROUTE 7 RT | 9.6 | | | 9.6 | 15 |
| 8 | 18+91.55 | 19+09.09 | ROUTE 7 RT | 12.0 | | | 12.0 | 18 |
| 8 | 19+09.07 | 20+91.59 | ROUTE 7 RT | | | 123.0 | 123.0 | 183 |
| 8 | 20+91.61 | 21+05.55 | ROUTE 7 RT | 7.9 | | | 7.9 | 14 |
| 8 | 21+47.93 | 21+65.29 | ROUTE 7 RT | 12.3 | | | 12.3 | 17 |
| 8 | 21+65.28 | 23+11.73 | ROUTE 7 RT | | | 95.3 | 95.3 | 146 |
| 8 | 23+11.71 | 23+21.74 | ROUTE 7 RT | 6.8 | | | 6.8 | 10 |
| 8 | 23+63.24 | 24+03.94 | ROUTE 7 RT | | | 20.8 | 20.8 | 41 |
| 8 | 24+35.09 | 24+57.82 | ROUTE 7 RT | | | 9.5 | 9.5 | 23 |
| 9 | 24+99.05 | 25+11.92 | ROUTE 7 RT | 9.5 | | | 9.5 | 13 |
| 9 | 25+11.88 | 26+10.90 | ROUTE 7 RT | | | 56.7 | 56.7 | 99 |
| 9 | 26+10.41 | 26+29.33 | ROUTE 7 RT | 13.5 | 26.9 | | 13.5 | 19 |
| 9 | 26+20.04 | 26+37.80 | ROUTE 7 LT | 26.2 | 10.0 | | 26.2 | 18 |
| 9 | 26+31.27 | 26+38.83 | ROUTE 7 LT | 7.8 | | | 7.8 | 8 |
| 9 | 26+32.51 | 26+38.47 | ROUTE 7 LT | | | 5.9 | 5.9 | 6 |
| 9 | 26+69.48 | 27+09.83 | ROUTE 7 RT | 21.7 | 18.6 | | 21.7 | 40 |
| 9 | 27+51.25 | 27+68.52 | ROUTE 7 RT | 12.7 | | | 12.7 | 17 |
| 9 | 27+68.52 | 27+99.59 | ROUTE 7 RT | | | 18.9 | 18.9 | 31 |
| 9 | 27+99.59 | 28+14.17 | ROUTE 7 RT | 9.6 | | | 9.6 | 15 |
| 9 | 28+55.83 | 28+71.37 | ROUTE 7 RT | 10.4 | | | 10.4 | 16 |
| 9 | 28+71.37 | 29+21.85 | ROUTE 7 RT | | | 33.9 | 33.9 | 50 |
| 9 | 29+21.85 | 29+37.98 | ROUTE 7 RT | 10.9 | | | 10.9 | 16 |
| 9 | 29+98.90 | 30+13.39 | ROUTE 7 RT | 9.4 | | | 9.4 | 14 |
| 9 | 30+13.39 | 30+21.98 | ROUTE 7 RT | | | 5.5 | 5.5 | 9 |
| 10 | 30+21.98 | 30+38.45 | ROUTE 7 RT | 10.8 | | | 10.8 | 16 |
| 10 | 30+59.39 | 30+75.94 | ROUTE 7 RT | 10.8 | | | 10.8 | 17 |
| 10 | 30+75.94 | 30+98.65 | ROUTE 7 RT | | | 15.0 | 15.0 | 23 |
| 10 | 30+98.65 | 31+27.15 | ROUTE 7 RT | 20.0 | | | 20.0 | 29 |
| 10 | 31+62.70 | 31+85.01 | ROUTE 7 RT | 14.7 | | | 14.7 | 22 |
| 10 | 31+85.01 | 32+20.62 | ROUTE 7 RT | | | 23.8 | 23.8 | 36 |
| 10 | 32+20.62 | 32+47.53 | ROUTE 7 RT | 19.4 | 21.9 | | 19.4 | 27 |
| 10 | 32+86.02 | 33+06.29 | ROUTE 7 RT | 13.4 | 27.7 | | 13.4 | 20 |
| 10 | 32+90.42 | 33+00.85 | ROUTE 7 LT | 16.0 | 14.3 | | 16.0 | 10 |
| 10 | 32+91.42 | 32+96.35 | ROUTE 7 LT | | | 5.3 | 5.3 | 5 |
| 10 | 33+06.29 | 34+29.21 | ROUTE 7 RT | | | 81.9 | 81.9 | 123 |
| 10 | 34+29.21 | 34+63.46 | ROUTE 7 RT | 19.0 | 34.9 | | 19.0 | 34 |
| 10 | 35+05.42 | 35+31.28 | ROUTE 7 RT | 16.7 | 29.3 | | 16.7 | 26 |
| 10 | 35+31.28 | 36+32.49 | ROUTE 7 RT | | | 67.6 | 67.6 | 101 |
| 11 | 36+32.48 | 36+57.02 | ROUTE 7 RT | 18.4 | | | 18.4 | 25 |
| 11 | 36+96.21 | 37+09.85 | ROUTE 7 RT | 9.1 | | | 9.1 | 14 |
| 11 | 37+01.81 | 37+10.86 | ROUTE 7 LT | 11.1 | 10.0 | | 11.1 | 9 |
| 11 | 37+02.81 | 37+06.90 | ROUTE 7 LT | | | 4.5 | 4.5 | 4 |
| 11 | 37+09.85 | 37+57.90 | ROUTE 7 RT | | | 32.4 | 32.4 | 48 |
| 11 | 37+38.75 | 37+54.97 | ROUTE 7 LT | 15.1 | 10.0 | | 15.1 | 16 |
| 11 | 37+51.70 | 38+02.06 | ROUTE 7 LT | | | 27.3 | 27.3 | 50 |
| 11 | 37+57.90 | 37+75.35 | ROUTE 7 RT | 12.1 | | | 12.1 | 17 |
| 11 | 38+02.06 | 38+17.73 | ROUTE 7 LT | 11.2 | | | 11.2 | 16 |
| 11 | 38+11.22 | 38+25.73 | ROUTE 7 RT | 9.6 | | | 9.6 | 15 |
| 11 | 38+25.73 | 38+97.29 | ROUTE 7 RT | | | 52.5 | 52.5 | 72 |
| 11 | 38+58.02 | 38+73.84 | ROUTE 7 LT | 11.3 | | | 11.3 | 16 |
| 11 | 38+73.84 | 38+83.84 | ROUTE 7 LT | | | 5.6 | 5.6 | 10 |
| 11 | 38+97.29 | 39+13.24 | ROUTE 7 RT | 8.4 | | | 8.4 | 16 |
| 11 | 39+50.36 | 39+66.39 | ROUTE 7 RT | 8.5 | | | 8.5 | 16 |
| 11 | 39+66.39 | 40+49.36 | ROUTE 7 RT | | | 45.3 | 45.3 | 83 |
| SUBTOTAL 1 | | | | 503.6 | 263.6 | 1003.2 | 1506.8 | 2253 |

| ENTRANCES | | | | | | |
|-----------|----------|----------|-------------|----------------|-------------------------------|-------------------------|
| SHEET | STA. | STA. | LOCATION | PAVED APPROACH | TYPE 1 AGG. BASE (4 IN.) (SY) | ADA LINEAR GRADING (LF) |
| 6 | 10+88.98 | 11+39.37 | ROUTE 7 RT | 8 IN. (SY) | 64.7 | 50.4 |
| 7 | 15+87.67 | 16+58.03 | ROUTE 7 RT | | 77.3 | 70.4 |
| 7 | 18+50.84 | 19+01.09 | ROUTE 7 RT | | 44.8 | 50.3 |
| 8 | 20+96.60 | 21+57.29 | ROUTE 7 RT | | 51.6 | 60.7 |
| 8 | 23+11.73 | 23+75.69 | ROUTE 7 RT | | 68.7 | 64.0 |
| 8 | 23+93.76 | 24+46.41 | ROUTE 7 RT | | 52.3 | 52.6 |
| 9 | 24+46.41 | 25+10.56 | ROUTE 7 RT | | 59.1 | 64.2 |
| 9 | 26+98.92 | 27+61.97 | ROUTE 7 RT | | 50.9 | 63.0 |
| 9 | 28+04.54 | 28+65.36 | ROUTE 7 RT | | 49.2 | 60.8 |
| 9 | 29+28.85 | 30+08.43 | ROUTE 7 RT | | 76.6 | 79.6 |
| 10 | 30+29.02 | 30+68.63 | ROUTE 7 RT | | 28.2 | 39.6 |
| 10 | 31+14.72 | 31+75.74 | ROUTE 7 RT | | 92.3 | 61.0 |
| 10 | 32+36.62 | 32+99.85 | ROUTE 7 RT | | 86.8 | 63.2 |
| 11 | 36+48.49 | 37+04.85 | ROUTE 7 RT | | 46.2 | 56.4 |
| 11 | 37+65.90 | 38+20.73 | ROUTE 7 RT | | 42.1 | 54.8 |
| 11 | 38+07.91 | 38+69.94 | ROUTE 7 LT | | 62.5 | 62.0 |
| 11 | 39+05.29 | 39+58.39 | ROUTE 7 RT | | 41.6 | 53.1 |
| 12 | 41+73.50 | 42+31.25 | ROUTE 7 RT | | 44.5 | 57.8 |
| 12 | 42+65.45 | 43+07.81 | ROUTE 7 RT | | 28.6 | 42.4 |
| 12 | 43+28.94 | 43+71.62 | ROUTE 7 RT | | 28.8 | 42.7 |
| 12 | 44+89.82 | 45+39.65 | ROUTE 7 RT | | 36.0 | 49.8 |
| 13 | 46+46.92 | 47+06.94 | ROUTE 7 RT | | 46.2 | 60.0 |
| 13 | 48+84.47 | 49+44.68 | ROUTE 7 RT | | 46.2 | 60.2 |
| 13 | 50+65.59 | 51+20.23 | ROUTE 7 RT | | 75.2 | 54.6 |
| 13 | 51+20.23 | 51+72.92 | ROUTE 7 RT | | 66.0 | 52.7 |
| 14 | 54+73.14 | 55+35.42 | ROUTE 7 RT | | 43.4 | 62.3 |
| 14 | 55+66.78 | 56+56.04 | ROUTE 7 RT | | 72.2 | 89.3 |
| 15 | 59+88.09 | 60+39.43 | ROUTE 7 RT | | 36.9 | 51.3 |
| 15 | 61+12.16 | 61+67.48 | ROUTE 7 RT | | 41.3 | 55.3 |
| 16 | 62+79.98 | 63+38.44 | ROUTE 7 RT | | 45.5 | 58.5 |
| 16 | 64+10.92 | 64+72.93 | ROUTE 7 LT | | 79.3 | 62.0 |
| 16 | 65+64.67 | 66+15.25 | ROUTE 7 LT | | 46.2 | 50.6 |
| 20 | 00+65.98 | 00+91.24 | MOCK AVE CL | | 21.5 | 25.3 |
| 20 | 00+99.43 | 01+12.39 | MOCK AVE CL | | 53.0 | 13.0 |
| 17 | 68+60.10 | 69+17.42 | ROUTE 7 RT | | 59.9 | 57.3 |
| 17 | 69+29.41 | 69+95.50 | ROUTE 7 RT | | 70.2 | 66.1 |
| 17 | 69+95.50 | 70+50.86 | ROUTE 7 RT | | 66.1 | 55.4 |
| 17 | 71+67.98 | 72+47.19 | ROUTE 7 RT | | 45.7 | 79.2 |
| TOTAL | | | | | 2047.6 | 2151.9 |
| PAY TOTAL | | | | | 2047.6 | 2152 |

| | | |
|--------|--------|--------|
| 31.7 | 31.7 | 28.6 |
| 59.9 | 59.9 | 57.3 |
| 70.2 | 70.2 | 66.1 |
| 66.1 | 66.1 | 55.4 |
| 45.7 | 45.7 | 79.2 |
| 2004.8 | 2004.8 | 2142.2 |
| 2004.8 | 2005 | 2142 |

1 REVISED

SUMMARY OF QUANTITIES
SHEET 5 OF 15



DATE PREPARED
11/3/2025
ROUTE 7 STATE MO
DISTRICT KC SHEET NO. 3

COUNTY JACKSON
JOB NO. JKU0010
CONTRACT ID.

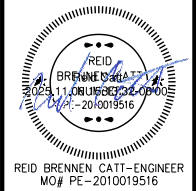
PROJECT NO.
BRIDGE NO.

| DATE | DESCRIPTION |
|----------|--------------------------------------|
| 10/28/25 | REVISION 1 - QUANTITY SHEET REVISION |

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

Olsson
1301 BURLINGTON STREET, SUITE 100
NORTH KANSAS CITY, MO 64116
PH. (816) 361-1177
CERTIFICATE NO. 001592
AUTHORITY NO. 001592

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
11/6/2025

ROUTE 7 STATE MO
DISTRICT KC SHEET NO. 3

COUNTY
JACKSON

JOB NO.
JKU0010

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
|----------|--------------------------------------|
| 10/28/25 | REVISION 1 - QUANTITY SHEET REVISION |

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

olsson

1301 BURLINGTON STREET, SUITE 100
NORTH KANSAS CITY, MO 64116
PH. (816) 361-1177
CERTIFICATE OF
AUTHORITY NO. 001592

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

CURB AND GUTTER

| SHEET | STA. | STA. | LOCATION | 6" TYPE A INTEG. CURB (LF) | MOD. CONCRETE GUTTER TYPE A (LF) | MOD. CONCRETE GUTTER TYPE B (LF) | TYPE A GUTTER (LF) | CURB AND GUTTER TYPE B (LF) | TYPE S CURB (6 IN AND UNDER) (LF) | MOD. S CURB (OVER 6 IN) (LF) | APWA 2 FT C&G (LF) | STEEL PLATE (SF) | TYPE 5 AGG BASE (6 IN.) (SY) |
|-------|----------|----------|---------------|----------------------------------|--|--|--------------------------|-----------------------------------|---|------------------------------------|--------------------------|------------------------|------------------------------------|
| 16 | 65+32.28 | 65+32.32 | RTE 7 RT | 3 | | | | | | | | | 0.7 |
| 16 | 67+09.13 | 67+16.81 | RTE 7 RT | 10 | | | | | | | | | 2.2 |
| 16 | 67+21.03 | 67+23.47 | RTE 7 RT | 5 | | | | | | | | | 1.1 |
| 17 | 67+74.76 | 67+74.88 | RTE 7 RT | 2 | | | | | | | | | 0.4 |
| 17 | 67+76.23 | 67+84.21 | RTE 7 RT | 12 | | | | | | | | | 2.7 |
| 17 | 67+89.10 | 68+02.38 | RTE 7 RT | 13 | | | | | | | | | 2.9 |
| 18 | 73+91.42 | 74+44.50 | RTE 7 RT | 58 | | | | | | | | | 12.9 |
| 18 | 74+56.00 | 74+70.35 | RTE 7 RT | 24 | | | | | | | | | 5.3 |
| 18 | 75+04.51 | 75+24.49 | RTE 7 RT | | | | | | 24 | | | | |
| 18 | 75+24.50 | 77+31.28 | RTE 7 RT | | | 207 | | | | | | | 72.8 |
| 18 | 77+31.28 | 77+66.53 | RTE 7 RT | | | | | | 37 | | | | |
| 18 | 78+05.18 | 78+06.85 | RTE 7 RT | 3 | | | | | | | | | 0.7 |
| 18 | 78+11.08 | 78+13.26 | RTE 7 RT | 3 | | | | | | | | | 0.7 |
| 19 | 78+21.08 | 78+42.71 | RTE 7 RT | | | | 20 | | | | | | 13.3 |
| 19 | 78+23.01 | 79+06.49 | RTE 7 RT | 87 | | | | | | | | | 19.3 |
| 19 | 81+78.24 | 81+97.58 | RTE 7 RT | 22 | | | | | | | | | 4.9 |
| 19 | 82+00.92 | 82+03.54 | RTE 7 RT | 12 | | | | | | | | | 2.7 |
| 19 | 82+45.12 | 82+47.90 | RTE 7 RT | 12 | | | | | | | | | 2.7 |
| 19 | 82+51.30 | 82+54.06 | RTE 7 RT | 4 | | | | | | | | | 0.9 |
| 19 | 82+59.06 | 82+71.86 | RTE 7 RT | 13 | | | | | | | | | 2.9 |
| 19 | 82+44.15 | 82+54.06 | RTE 7 LT | 24 | | | | | | | | | 5.3 |
| 19 | 82+59.06 | 82+69.49 | RTE 7 LT | 11 | | | | | | | | | 2.4 |
| 20 | 00+40.97 | 03+25.00 | S OUTER RD LT | | | | | | | | 361 | | 140.4 |
| 20 | 00+03.29 | 01+12.39 | MOCK AVE LT | | | | | 109 | | | | | 54.5 |
| 20 | 00+03.29 | 00+65.98 | MOCK AVE RT | | | | | 63 | | | | | 31.5 |
| 20 | 00+91.24 | 01+09.40 | MOCK AVE RT | | | | | 23 | | | | | 11.5 |
| | | | SUBTOTAL 1 | 504 | 5 | 0 | 0 | 0 | 216 | 1078 | 0 | 12.5 | 111.6 |
| | | | SUBTOTAL 2 | 318 | 0 | 207 | 20 | 195 | 61 | 0 | 361 | 0.0 | 384.7 |
| | | | TOTAL | 822 | 5 | 207 | 20 | 195 | 277 | 1078 | 361 | 13 | 496.3 |
| | | | PAY TOTAL | 822 | 5 | 207 | 20 | 195 | 277 | 1078 | 361 | 13 | 496.3 |

1 REVISED

| | | | | | | | | | | | | | |
|----|----------|----------|-------------|--|--|--|--|-----|--|-----|--|--|-------|
| 20 | 00+03.29 | 01+21.33 | MOCK AVE LT | | | | | 118 | | | | | 59 |
| 20 | 00+03.29 | 00+76.30 | MOCK AVE RT | | | | | 74 | | | | | 37 |
| 20 | 00+90.49 | 01+08.86 | MOCK AVE RT | | | | | 26 | | | | | 13 |
| 20 | 01+21.33 | 01+38.65 | MOCK AVE RT | | | | | | | 17 | | | 6.6 |
| | | | | | | | | 0 | | 0 | | | 111.6 |
| | | | | | | | | 218 | | 378 | | | 402.8 |
| | | | | | | | | 218 | | 378 | | | 514.4 |
| | | | | | | | | 218 | | 378 | | | 514 |

| FENCE | | | | | |
|-------|----------|----------|----------|--------------------------------------|---|
| SHEET | STA. | STA. | LOCATION | CHAIN-LINK FENCE (60 IN.) (LF) | CHAIN-LINK FENCE (RETAINING WALLS) (60 IN.) (LF) |
| 4 | 0+91.14 | 2+08.86 | RTE 7 RT | | |
| 17 | 67+80.79 | 68+01.22 | RTE 7 RT | | |
| 18 | 75+24.5 | 75+79.2 | RTE 7 RT | | 55 |
| 18 | 76+99.15 | 77+31.28 | RTE 7 RT | | 32 |
| 18 | 78+19.72 | 78+31.64 | RTE 7 RT | 26 | |
| 19 | 78+36.48 | 78+51.83 | RTE 7 RT | 30 | |
| | | | TOTAL | 56 | 87 |

REBUILD EXISTING MCDONALDS SMALL BLOCK WALL
105 SF

| UTILITY ADJUSTMENT | |
|--------------------|----|
| WATER VALVES | 27 |
| SAN. MANHOLES | 3 |
| TOTAL | 30 |

SUMMARY OF QUANTITIES
SHEET 8 OF 15

| PIPE CULVERTS | | | | | | | | | | | | | | | | |
|----------------|----------|----------------|--------------|----------|---------------|-----------|-------------------------|--------------|-------------|-------------|----------------|-------------|-------------|---------------------------------|-----------------|-----------------|
| FROM STRUCTURE | STA. | LOCATION | TO STRUCTURE | STA. | LOCATION | SHEET NO. | PIPE COLLAR TYPE A (EA) | GROUP A PIPE | | | GROUP A F.E.S. | | | 8FT X 4FT RCB W/ WINGWALLS (LF) | CL. 3 EXC. (CY) | CL. 4 EXC. (CY) |
| | | | | | | | | 15 IN. (LF) | 18 IN. (LF) | 24 IN. (LF) | 15 IN. (EA) | 18 IN. (EA) | 24 IN. (EA) | | | |
| EXIST. PIPE | 75+16.83 | RTE 7 RT | 75S1 | 75+14.81 | RTE 7 RT | 149 | 1 | | 10 | 72 | | | | 11 | | |
| 75S1 | 75+14.81 | RTE 7 RT | 74F1 | 1+07.37 | RAMP D RT | 150 | | | | | | | | 155 | | |
| 77S1 | 77+42.81 | RTE 7 RT | 78F1 | 78+20.17 | RTE 7 RT | 151 | | 82 | | | 1 | | | 87 | | |
| RCB | 00+42.25 | SDWLK TRAIL BL | | | | 151 | | | | | | 14 | | | 25 | |
| 78T2 | 78+94.67 | RTE 7 RT | 78T1 | 78+83.68 | RTE 7 RT | 152 | | 6 | | | | | | 1 | | |
| 78T1 | 78+83.68 | RTE 7 RT | 78F1 | 78+72.41 | RTE 7 RT | 152 | | 15 | | | 1 | | | 9 | | |
| OT4 | 00+89.36 | S OUTER RD LT | OM1 | 00+38.37 | S OUTER RD LT | 153 | | 52 | | | | | | 26 | | |
| OT1 | 00+97.96 | MOCK AVE RT | OT2 | 00+97.96 | MOCK AVE LT | 153 | | 33 | | | | | | 15 | | |
| 3T1 | 03+13.70 | S OUTER RD LT | 2T1 | 02+12.38 | S OUTER RD LT | 154 | | | 108 | | | | | 48 | | |
| EXIST. PIPE | 3+22.15 | S OUTER RD LT | 3T1 | 3+13.70 | S OUTER RD LT | 154 | 1 | | 6 | | | | | 3 | | |
| OT3 | 0+50.47 | MOCK AVE LT | 2T1 | 2+12.38 | S OUTER RD LT | 155 | | 20 | | | | | | 12 | | |
| 2T1 | 2+12.38 | S OUTER RD LT | EXIST. PIPE | 2+03.50 | S OUTER RD LT | 155 | 1 | | 14 | | | | | 6 | | |
| OT2 | 0+97.96 | MOCK AVE LT | OT3 | 0+50.47 | MOCK AVE LT | 155 | | 45 | | | | | | 21 | | |
| TOTAL | | | | | | | 3 | 171 | 220 | 72 | 1 | 1 | 1 | 14 | 394 | 25 |

1 REVISED

| | | | | | | | | | | | | | | | | |
|-------------|----------|---------------|-------------|----------|---------------|-----|---|-----|-----|----|---|---|---|----|-----|----|
| OT4 | 00+89.36 | S OUTER RD LT | OM1 | 00+38.37 | S OUTER RD LT | 153 | | | 52 | | | | | | 27 | |
| OT2 | 00+97.96 | MOCK AVE LT | OT1 | 00+98.99 | MOCK AVE RT | 153 | | 33 | | | | | | | 10 | |
| 3T1 | 03+13.70 | S OUTER RD LT | 2T1 | 02+12.38 | S OUTER RD LT | 154 | | | 108 | | | | | | 54 | |
| EXIST. PIPE | 03+22.15 | S OUTER RD LT | 3T1 | 03+13.70 | S OUTER RD LT | 154 | 1 | | 6 | | | | | | 4 | |
| 2T1 | 02+12.38 | S OUTER RD LT | EXIST. PIPE | 02+03.50 | S OUTER RD LT | 155 | 1 | | 14 | | | | | | 6 | |
| OT3 | 00+50.47 | MOCK AVE LT | 2T1 | 02+12.38 | S OUTER RD LT | 155 | | 20 | | | | | | | 14 | |
| OT3 | 00+50.47 | MOCK AVE LT | OT2 | 00+97.96 | MOCK AVE LT | 155 | | 45 | | | | | | | 34 | |
| TOTAL | | | | | | | 3 | 119 | 272 | 72 | 1 | 1 | 1 | 14 | 412 | 25 |

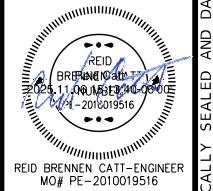
| DRAINAGE STRUCTURES | | | | | | | | | | | | | | |
|---------------------|-----------|---------------|----------|--------|-----------------------|-------------------------|-----------------------|-------------------------|------------------|------------------------------------|-----------------------------------|--|--|-----------------|
| STRUCTURE NO. | SHEET NO. | LOCATION | STA. | OFFSET | PRECAST DROP INLET | | | | 48" MANHOLE (LF) | TYPE 1B MANHOLE FRAME & COVER (EA) | TYPE 3 MANHOLE FRAME & COVER (EA) | CURVED VANE GRATE AND FRAME 4FT X 2FT (EA) | GRATE & BEARING PLATE 5FT-11IN. X 3FT-11IN. (EA) | CL. 3 EXC. (CY) |
| | | | | | TYPE A 4FT X 2FT (LF) | TYPE T 2.5FT X 3FT (LF) | TYPE T 5FT X 3FT (LF) | TYPE S-3 5FT X 3FT (LF) | | | | | | |
| 34A1 | 148 | RTE 7 RT | 34+42.34 | 37.00 | 3.30 | | | | | | | 1 | | 9 |
| 41T1 | 148 | RTE 7 RT | 41+59.98 | 40.00 | 2.75 | | | | | | | 1 | | 11 |
| 75S1 | 149 | RTE 7 RT | 75+14.81 | 80.00 | | | | 5.71 | | | | | 1 | 16 |
| 77S1 | 151 | RTE 7 RT | 77+42.81 | 70.00 | | | | 3.51 | | | | | 1 | 14 |
| 78T1 | 152 | RTE 7 RT | 78+83.68 | 56.00 | | | 5.50 | | | 1 | | | | 16 |
| 78T2 | 152 | RTE 7 RT | 78+94.67 | 55.27 | | | 5.40 | | | 1 | | | | 17 |
| OT4 | 153 | S OUTER RD LT | 00+89.36 | 34.07 | | | 4.50 | | | 1 | | | | 15 |
| OM1 | 153 | S OUTER RD LT | 00+38.37 | 38.02 | | | | 4.25 | 1 | | | | | 14 |
| OT1 | 153 | MOCK AVE RT | 00+97.96 | 14.00 | | 4.12 | | | | 1 | | | | 9 |
| OT2 | 153 | MOCK AVE LT | 00+97.96 | 14.00 | | 4.32 | | | | 1 | | | | 9 |
| 2T1 | 154 | S OUTER RD LT | 02+12.38 | 35.20 | | | 3.95 | | | 1 | | | | 12 |
| 3T1 | 154 | S OUTER RD LT | 03+13.70 | 22.09 | | | 4.09 | | | 1 | | | | 12 |
| OT3 | 155 | MOCK AVE LT | 0+50.47 | 16.50 | | 5.12 | | | | 1 | | | | 11 |
| TOTAL | | | | | 6.05 | 13.56 | 23.44 | 9.22 | 4.25 | 1 | 8 | 2 | 2 | 165 |
| PAY TOTAL | | | | | 6 | 14 | 33 | 4 | 4 | 1 | 8 | 2 | 2 | 165 |

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| | | | | | | | | | | | | | | |
|-----------|-----|---------------|----------|-------|------|-------|-------|------|------|---|---|---|---|-----|
| OT4 | 153 | S OUTER RD LT | 00+89.36 | 34.07 | | | 4.58 | | | 1 | | | | 16 |
| OM1 | 153 | S OUTER RD LT | 00+38.37 | 38.02 | | | | 4.29 | 1 | | | | | 12 |
| OT1 | 153 | MOCK AVE RT | 00+98.99 | 16.50 | | 3.60 | | | | 1 | | | | 7 |
| 2T1 | 154 | S OUTER RD LT | 02+12.38 | 35.20 | | | 4.37 | | | 1 | | | | 16 |
| 3T1 | 154 | S OUTER RD LT | 03+13.70 | 22.09 | | | 4.59 | | | 1 | | | | 13 |
| OT3 | 155 | MOCK AVE LT | 00+50.47 | 16.50 | | 5.35 | | | | 1 | | | | 10 |
| OT2 | 155 | MOCK AVE LT | 0+97.96 | 16.50 | | 3.89 | | | | 1 | | | | 7 |
| TOTAL | | | | | 6.05 | 12.84 | 24.44 | 9.22 | 4.29 | 1 | 8 | 2 | 2 | 164 |
| PAY TOTAL | | | | | 6 | 13 | 34 | 4 | 4 | 1 | 8 | 2 | 2 | 164 |

| UTILITY ADJUSTMENT | | | |
|--------------------|----------|------------|---------------------------------|
| SHEET | STA. | LOCATION | ADJUSTING JUNCTION BOX TOP (EA) |
| 4 | 53+04.86 | ROUTE 7 LT | 1 |
| TOTAL | | | 1 |

SUMMARY OF QUANTITIES
SHEET 9 OF 15



REID BRENNEN CATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/28/2025

ROUTE 7 STATE MO
DISTRICT KC SHEET NO. 3

COUNTY JACKSON
JOB NO. JKU0010
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

| DATE | DESCRIPTION |
|----------|--------------------------------------|
| 10/28/25 | REVISION 1 - QUANTITY SHEET REVISION |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

Olsson

1301 BURLINGTON STREET, SUITE 100
NORTH KANSAS CITY, MO 64116
PH. (816) 361-1177
CERTIFICATE OF AUTHORITY NO. 001592

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

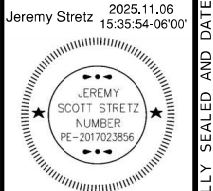
| PAVEMENT MARKING | | | | | | | | | | | | | | | | | |
|------------------|-------|------------|-----------------------------|------------------------|----------------------------------|---------------------------|----------------------------|-----------------------|------------------------|-------------------------|--------------------|------------------------|---------------------|-----------------------|---------|---------------------|---|
| STA. | STA. | LOCATION | CLASS 1 PAINT, TYPE P BEADS | | | | | CLASS 2, TYPE L BEADS | | PREFORMED THERMOPLASTIC | | | | | REMARKS | | |
| | | | 4" SOLID WHITE (L.F.) | 4" SOLID YELLOW (L.F.) | 8" DOTTED EXTENSION WHITE (L.F.) | 12" DIAGONAL WHITE (L.F.) | 24" DIAGONAL YELLOW (L.F.) | 6" SOLID WHITE (L.F.) | 6" SOLID YELLOW (L.F.) | 24" WHITE | | LEFT/RIGHT ARROW (EA.) | THROUGH ARROW (EA.) | BIKE LANE ARROW (EA.) | | SHARROW ARROW (EA.) | |
| | | | | | | | | | | (STOP BAR) (L.F.) | (MIDBLOCKS) (L.F.) | | | | | | |
| 0+00 | 7+75 | Route 7 | 203 | | 247 | | | | | | 45 | 120 | 2 | 1 | | | |
| 7+75 | 15+50 | Route 7 | | | | | | | | | | | | | | | |
| 15+50 | 23+25 | Route 7 | | | | | | | | | | | | | | | |
| 23+25 | 31+00 | Route 7 | | | | | | | | | 51 | 132 | | | | | |
| 31+00 | 38+75 | Route 7 | | 476 | | | | | | | 46 | 126 | 2 | 1 | | | |
| 38+75 | 46+50 | Route 7 | | | | | | | | | | 126 | | | | | |
| 46+50 | 54+25 | Route 7 | | | | | | | | | 41 | 144 | | | | | |
| 54+25 | 62+00 | Route 7 | | 110 | | | | | | | | | 1 | | | | |
| 62+00 | 69+75 | Route 7 | | 387 | | | | | | | | | 3 | | | | |
| 69+75 | 77+50 | Route 7 | 93 | | | | | | | | | | 1 | | 2 | | |
| 77+50 | 85+25 | Route 7 | | | | | | | | | | | | | 1 | | |
| 0+00 | 2+50 | Outer Road | 716 | 378 | | 35 | | | | | | | 4 | 1 | | | |
| 2+50 | 5+00 | Outer Road | 130 | 260 | | | | | | | | | 1 | | | | |
| SUB TOTAL | | | 1142 | 1611 | 62 | 35 | 10 | | | 1299 | 770 | 396 | 1038 | 14 | 3 | 3 | 1 |
| TOTAL | | | 1142 | 1611 | 62 | 35 | 10 | | | 1299 | 770 | 1434 | | 14 | 3 | 3 | 1 |

| BID ITEMS - TRAFFIC SIGNAL (JKU0010) | | | | | | | | | | | | |
|--------------------------------------|---|----------|----------|----------|--------|------|--------|-----------|------|---------|--------|------|
| ITEM NO | ITEM | QUANTITY | UNIT | ROUTE 40 | WALNUT | MAIN | VESPER | R.D. MIZE | MOCK | I-70 EB | I-70WB | SHAW |
| 9020213 | SIGNAL HEAD, TYPE 3S | 6 | EACH | | | 3 | | | | 3 | | |
| 9020513 | SIGNAL HEAD, TYPE 3B | 24 | EACH | | | 6 | | | | 9 | 9 | |
| 9020514 | SIGNAL HEAD, TYPE 4B | 5 | EACH | | | 3 | | | | | | 2 |
| 9020515 | SIGNAL HEAD, TYPE 5B | 0 | EACH | | | 0 | | | | | | |
| 9020811 | SIGNAL HEAD, TYPE 1S, PEDESTRIAN | 28 | EACH | 2 | 4 | 4 | 4 | 4 | 4 | 2 | 2 | 2 |
| 9020833 | SH-FLAT SHEET-SIGNAL SIGN | 67.5 | S.F. | | | 52.5 | | | | | | 15 |
| 9020834 | SIGNAL SIGN, MOUNTING HARDWARE | 8 | EACH | | | 6 | | | | | | 2 |
| 9022651 | LUMINAIRE, LED-A | 2 | EACH | | | 2 | | | | | | |
| 9022704 | POST SIGNAL, 4' | 1 | EACH | | | | | 1 | | | | |
| 9022708 | POST SIGNAL, 8' | 14 | EACH | 1 | 3 | 2 | 3 | 2 | | 1 | 2 | |
| 9022715 | POST SIGNAL, 15' | 4 | EACH | | | 4 | | | 2 | 2 | | |
| 9023120 | POST, TYPE CL, 20' | 0 | EACH | | | | | | | | | |
| 9023130 | POST, TYPE CL, 30' | 1 | EACH | | | 1 | | | | | | |
| 9023155 | POST, TYPE CL, 55' | 1 | EACH | | | 1 | | | | | | |
| 9023225 | POST, TYPE C, 25' | 0 | EACH | | | | | | | | | |
| 9023230 | POST, TYPE C, 30' | 1 | EACH | | | | | | | 1 | | |
| 9023255 | POST, TYPE C, 55' | 1 | EACH | | | | | | | 1 | | |
| 9029902 | POST, TYPE C, 70' | 1 | EACH | | | | | | | 1 | | |
| 9023340 | POST, TYPE B, LONGEST ARM 40' | 1 | EACH | | | | | | | | 1 | |
| 9023355 | POST, TYPE B, LONGEST ARM 55' | 1 | EACH | | | | | | | | 1 | |
| 9023455 | POST, TYPE B, LONGEST ARM 55' | 1 | EACH | | 1 | | | | | | | |
| 9024283 | CONTROLLER ASSEMBLY HOUSING, NEMATS2 CONTROLLER | 3 | EACH | | 1 | 1 | | | | 1 | 1 | |
| 9024921 | ACCESSIBLE PEDESTRIAN SIGNAL | 28 | EACH | 2 | 4 | 4 | 4 | 4 | 4 | 2 | 2 | 2 |
| 9024975 | VIDEO DETECTION SYSTEM | 4 | EACH | | 1 | 1 | | | | 1 | 1 | |
| 9025200 | CONDUIT, 2 IN., TRENCH WITH TRACER WIRE | 699 | L.F. | | | 18 | | | | 162 | 519 | |
| 9025300 | CONDUIT, 3 IN., TRENCH WITH TRACER WIRE | 519 | L.F. | 12 | 61 | 106 | 54 | 73 | 41 | 84 | 74 | 14 |
| 9027300 | CONDUIT, 3 IN., PUSHED WITH TRACER WIRE | 1031 | L.F. | | | 250 | 159 | | | 352 | 270 | |
| 9028204 | CABLE, 4AWG 1C | 671 | L.F. | | | 17 | | | | 154 | 500 | |
| 9028219 | CABLE, 10AWG 1C | 70 | L.F. | | | 70 | | | | | 40 | |
| 9028302 | CABLE, 12 AWG 2C | 430 | L.F. | | | 430 | | | | | 180 | |
| 9028308 | CABLE, 16AWG 2C | 4420 | L.F. | 310 | 470 | 500 | 920 | 730 | 650 | 250 | 140 | 450 |
| 9028310 | CABLE, 16AWG 5C | 4260 | L.F. | 310 | 470 | 510 | 930 | 800 | 650 | 260 | 140 | 190 |
| 9028311 | CABLE, 16AWG 7C | 7090 | L.F. | | | 1790 | 1890 | | | 1700 | 1350 | 360 |
| 9028811 | PULL BOX, PREFORMED CLASS 2 | 12 | EACH | | | 3 | 2 | 1 | | 4 | 3 | 1 |
| 9028812 | PULL BOX, PREFORMED CLASS 3 | 3 | EACH | | | 1 | | | | 1 | 1 | |
| 9029100 | BASE, CONCRETE | 39.48 | C.Y. | 0.44 | 1.32 | 9.44 | 1.32 | 0.88 | 1.76 | 13.73 | 10.15 | 0.44 |
| 9029902 | MISC UPS | 2 | EACH | | | | | | | | | |
| 9029902 | MISC APS PUSH BUTTON | 28 | EACH | 2 | 4 | 4 | 4 | 4 | 4 | 2 | 2 | 2 |
| 9029902 | CCTV CAMERA ASSEMBLY | 1 | EACH | | | | | | | 1 | | |
| 9029903 | MISC EVP CABLE | 1890 | L.F. | | 340 | 300 | | | | 590 | 660 | |
| 9029901 | OG SIGNAL COORDINATION | 1 | LUMP SUM | | | | | 1 | | | | |

| PAVEMENT MARKING REMOVALS | | |
|---------------------------|-------------------------|-------------------------------|
| | PAVEMENT MARKING (L.F.) | PAVEMENT MARKING SYMBOL (EA.) |
| | 2310 | 3 |
| TOTAL | 2310 | 3 |

1 REVISED

SUMMARY OF QUANTITIES
SHEET 13 OF 15



DATE PREPARED
11/6/2025

ROUTE 7 STATE MO
DISTRICT KC SHEET NO. 3

COUNTY JACKSON
JOB NO. JKU0010
CONTRACT ID.

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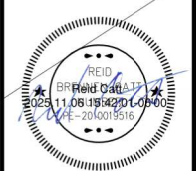
| DATE | DESCRIPTION |
|----------|---|
| 10/28/25 | MODOT REQUEST TO REMOVE NEW CONTROLLERS |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

1301 BURLINGTON STREET, SUITE 100
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PH: (816) 361-1177
CERTIFICATE OF AUTHORITY NO. 001592

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



REID BRENNEN GATT-ENGINEER
MO# PE-2010019516

DATE PREPARED
10/28/2025

ROUTE 7 STATE MO

DISTRICT KC SHEET NO. 16

COUNTY JACKSON

JOB NO. JKU0010

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

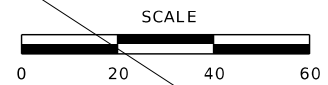
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1-888-ASK-MODOT (1-888-275-6636)

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

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

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



CLARK JAMES & CHRISTINE

41 SOSA JUAN BERNAL & BERNAL CARMINA

42 D&M INVESTMENTS 1 LLC

43 SWOPE CLAY M DONNA J-TRUSTEES

39 LAKSHMI-KAMETARO LLC

40 MOJACK LLC

PRB HOLDINGS LLC

SE1/4, SW1/4 30-49N-30W

NE1/4 SW1/4 SECTION 30 30-49N-30W

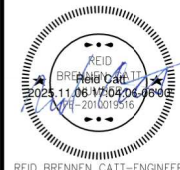
NOTE:
SIDEWALKS, INTEGRAL CURB, AND 10" CONC. PVM'T ARE STA./OFF. FROM ROUTE 7 CHAIN.
SEE SPECIAL SHEETS FOR MEDIAN DETAILS
SEE SHEETS 21- 37 FOR RIGHT OF WAY DETAILS
SEE SHEETS 41 - 54 FOR DRIVEWAY DETAILS

1 SHEET DELETED

PLAN SHEET SHEET 13 OF 17

olsson
1301 BURLINGTON STREET, SUITE 100
NORTH KANSAS CITY, MO 64116
PH. (816) 361-1177
CERTIFICATE OF AUTHORITY NO. 001592

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



| | |
|---------------|-----------|
| DATE PREPARED | |
| 11/6/2025 | |
| ROUTE | STATE |
| 7 | MO |
| DISTRICT | SHEET NO. |
| KC | 16A |
| COUNTY | |
| JACKSON | |
| JOB NO. | |
| JKU0010 | |
| CONTRACT ID. | |
| PROJECT NO. | |
| BRIDGE NO. | |

| DATE | DESCRIPTION |
|----------|----------------------------------|
| 10/28/25 | REVISION 1 - PLAN SHEET REVISION |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

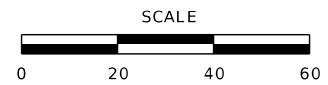
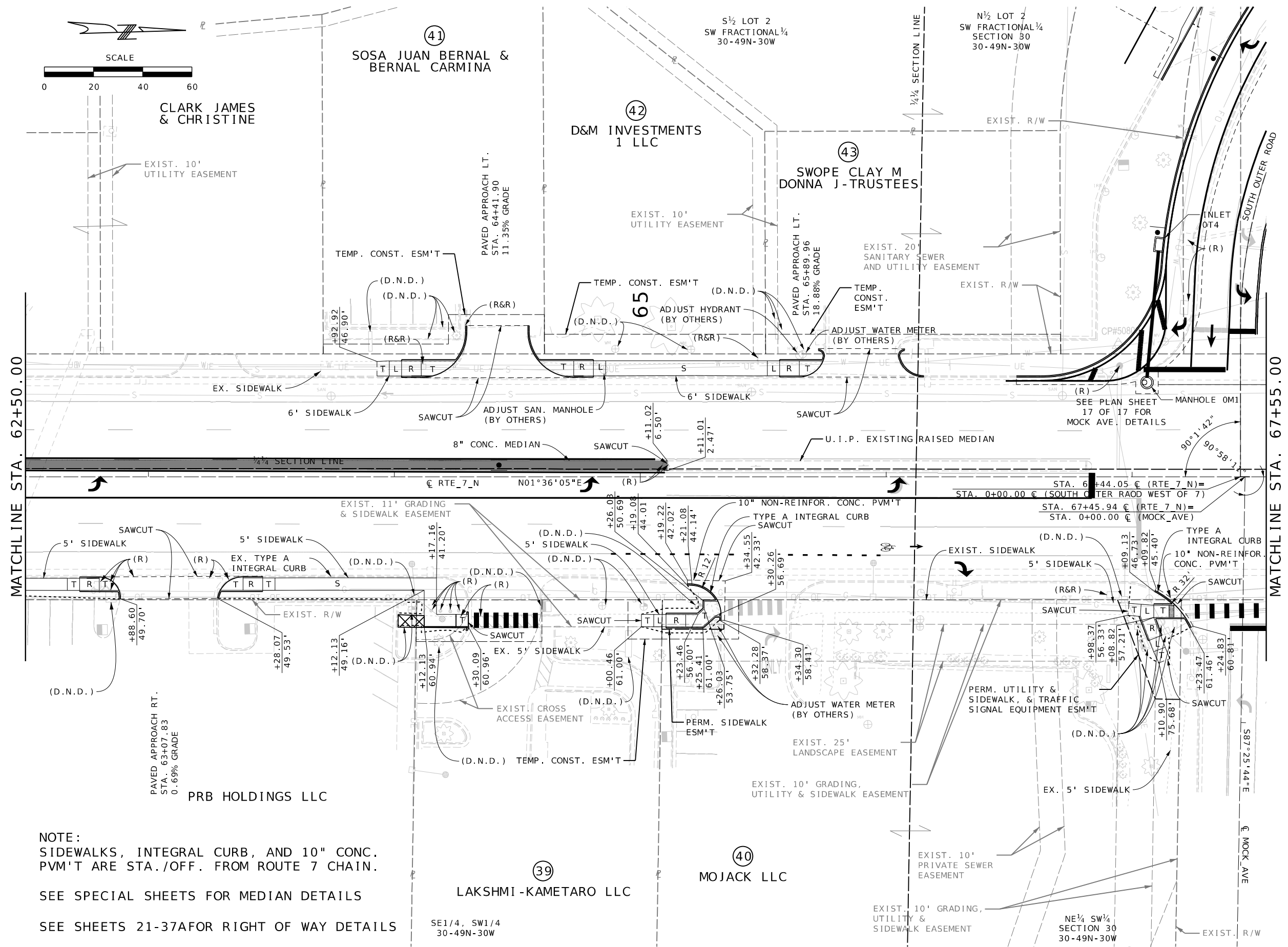
MoDOT

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

Olsson

1301 BURLINGTON STREET, SUITE 100
NORTH KANSAS CITY, MO 64116
PH. (816) 361-1177
CERTIFICATE OF AUTHORITY NO. 001592

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



CLARK JAMES & CHRISTINE

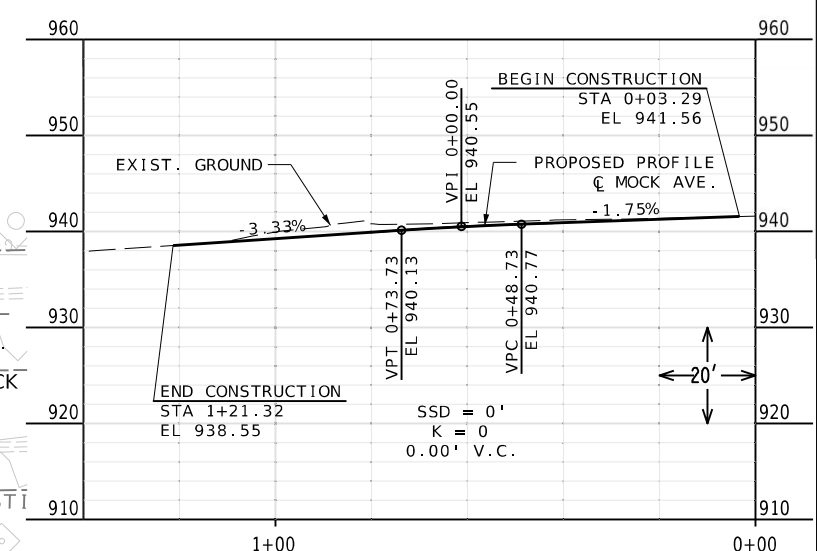
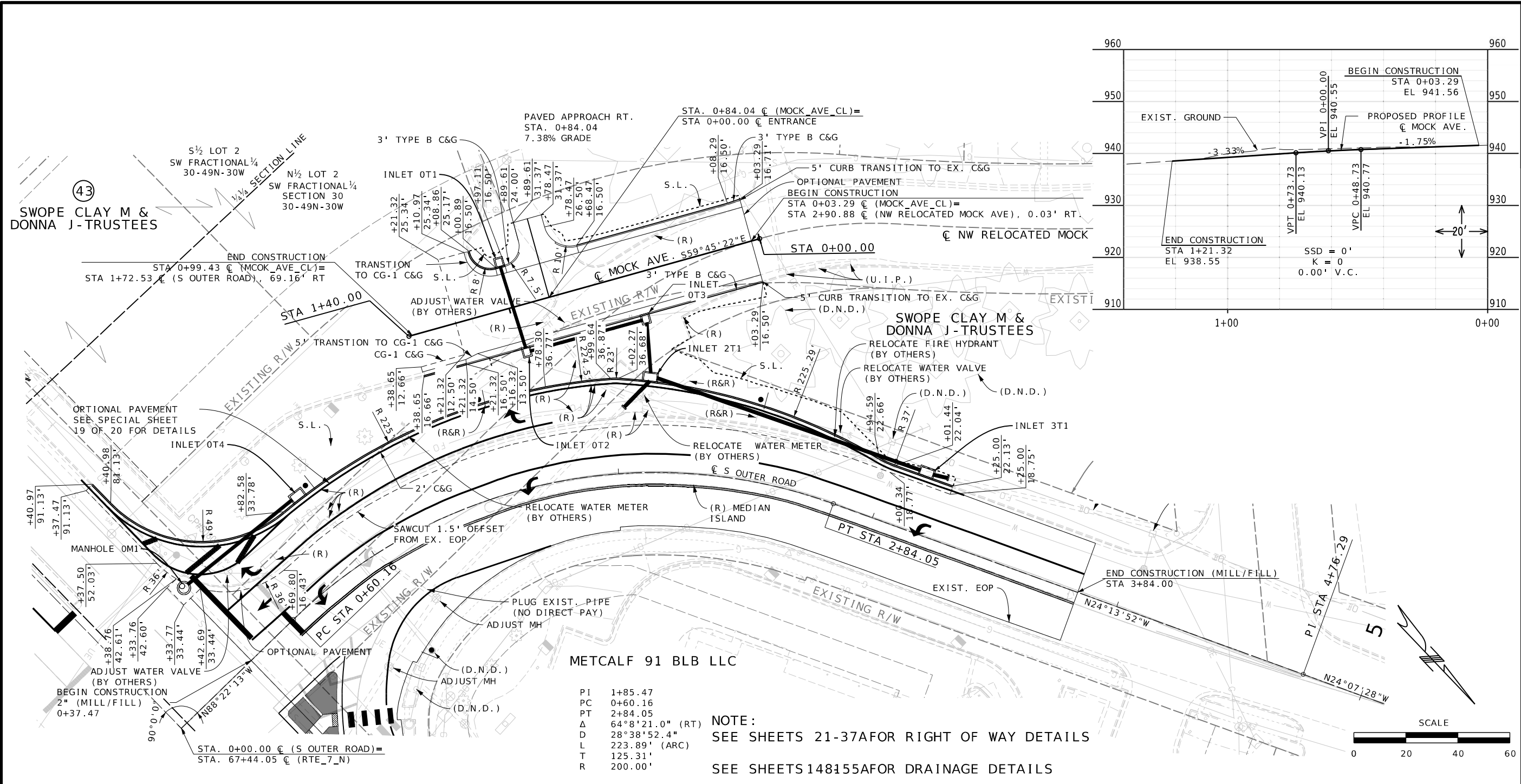
MATCHLINE STA. 62+50.00

MATCHLINE STA. 67+55.00

NOTE:
SIDEWALKS, INTEGRAL CURB, AND 10" CONC. PVM'T ARE STA./OFF. FROM ROUTE 7 CHAIN.
SEE SPECIAL SHEETS FOR MEDIAN DETAILS
SEE SHEETS 21-37A FOR RIGHT OF WAY DETAILS
SEE SHEETS 41-54 FOR DRIVEWAY DETAILS

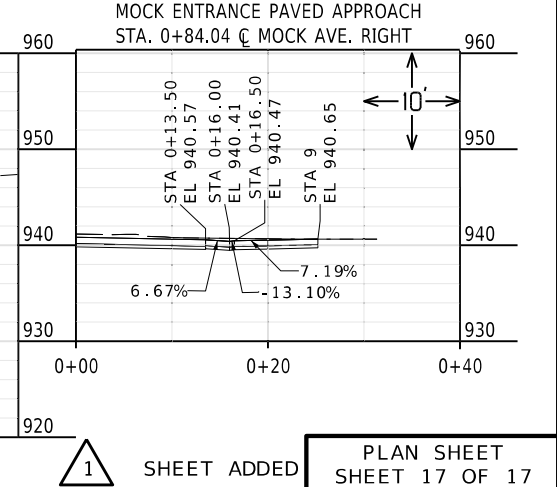
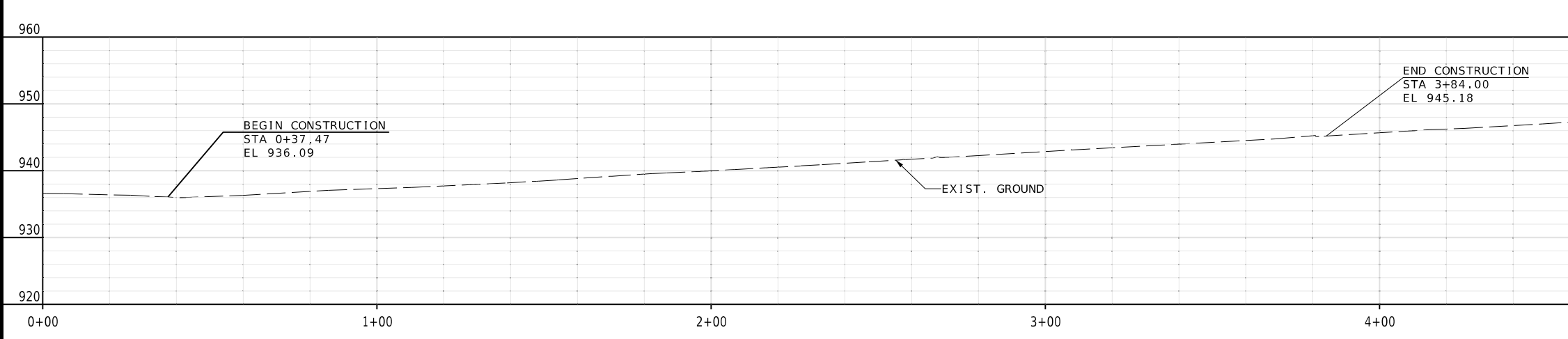
1 SHEET ADDED

PLAN SHEET
SHEET 13 OF 17

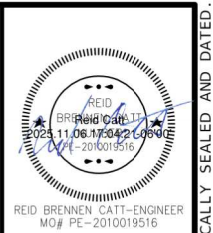


| | |
|----|-----------------|
| PI | 1+85.47 |
| PC | 0+60.16 |
| PT | 2+84.05 |
| Δ | 64°8'21.0" (RT) |
| D | 28°38'52.4" |
| L | 223.89' (ARC) |
| T | 125.31' |
| R | 200.00' |

NOTE:
SEE SHEETS 21-37A FOR RIGHT OF WAY DETAILS
SEE SHEETS 148155A FOR DRAINAGE DETAILS



1 SHEET ADDED
PLAN SHEET SHEET 17 OF 17



| | |
|---------------|-----------|
| DATE PREPARED | 11/6/2025 |
| ROUTE | 7 |
| STATE | MO |
| DISTRICT | KC |
| SHEET NO. | 20A |
| COUNTY | JACKSON |
| JOB NO. | JKU0010 |
| CONTRACT ID. | |
| PROJECT NO. | |
| BRIDGE NO. | |

| DATE | DESCRIPTION |
|----------|----------------------------------|
| 10/28/25 | REVISION 1 - PLAN SHEET REVISION |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

1301 BURLINGTON STREET, SUITE 100
NORTH KANSAS CITY, MO 64116
PH. (816) 361-1177
CERTIFICATE OF AUTHORITY NO. 001592

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 | STATE PLANE, MISSOURI WEST |
| HORIZONTAL DATUM | NAD 1983 |
| VERTICAL DATUM | NAVD 1988 |
| GEOID MODEL | JACKSON COUNTY |
| ELEVATIONS DETERMINED BY | GPS OBSERVATIONS |

PROJECT PROJECTION FACTOR 1.00009161

REFERENCE CONTROL INFORMATION

| | |
|-------------------|-----------------|
| COORDINATE SYSTEM | NAD 1983 |
| CONTROL STATION | JA140 |
| DESIGNATION | JA140 |
| CORS_ID | |
| PID | 95140 |
| LATITUDE | 39°01'38.76519" |
| LONGITUDE | 94°14'41.81026" |
| NORTHING (M) | 317525.857 |
| EASTING (M) | 872084.48 |
| ZONE | WEST |

PROJECT AVERAGE GRID FACTOR 0.99990840

EXAMPLE OF PROJECT COORDINATE TO S.P.C.

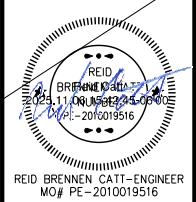
PROJECT NORTHING X AVERAGE GRID FACTOR = STATE PLANE NORTHING
 PROJECT EASTING X AVERAGE GRID FACTOR = STATE PLANE EASTING

EXAMPLE: CONTROL POINT #5005
 N 1035387.37 X 0.99990840 = N 1035292.53
 E 2854734.11 X 0.99990840 = E 2854472.62

LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

| COORDINATE POINT LISTING | | | | | | | | |
|------------------------------|----------|----------|---------------|-------------------------------|------------------------|--------------------------|---------------------------------------|--------------|
| SHEET NO | STATION | LOCATION | OFFSET (USFT) | MODIFIED STATE PLANE (GROUND) | | | DESCRIPTION | GPK POINT ID |
| | | | | NORTHING (US SURVEY FT) | EASTING (US SURVEY FT) | ELEVATION (US SURVEY FT) | | |
| ALIGNMENTS | | | | | | | | |
| I-70_RAMP_C | | | | | | | | |
| | 11+10.62 | ℄ | | 1,042,733.5990 | 2,854,906.4563 | | BEGIN ALIGNMENT I-70_RAMP_C | |
| | 12+17.90 | RT | 2.51 | 1,042,749.6436 | 2,854,800.3846 | | PI POINT Δ = 5°21'40" RT | |
| | | | | 1,044,999.1834 | 2,855,249.1520 | | CC POINT | |
| | 13+25.02 | ℄ | | 1,042,775.5285 | 2,854,696.2760 | | PT POINT | |
| | 22+43.70 | ℄ | | 1,042,997.1842 | 2,853,804.7394 | | END ALIGNMENT I-70_RAMP_C | |
| I-70_RAMP_D | | | | | | | | |
| | 0+00.00 | ℄ | | 1,042,684.3167 | 2,853,795.9924 | | BEGIN ALIGNMENT I-70_RAMP_D | |
| | 8+83.43 | ℄ | | 1,042,644.2195 | 2,854,678.5101 | | PC POINT | |
| | 9+83.52 | RT | 2.621 | 1,042,639.6766 | 2,854,778.4984 | | PI POINT Δ = 6°0'0" RT | |
| | | | | 1,040,736.3285 | 2,854,591.8252 | | CC POINT | |
| | 10+83.43 | ℄ | | 1,042,624.7069 | 2,854,877.4641 | | END ALIGNMENT I-70_RAMP_D | |
| MOCK_AVE_CL | | | | | | | | |
| | 0+00.00 | ℄ | | 1,041,969.9404 | 2,853,485.0783 | | BEGIN ALIGNMENT MOCK_AVE_CL | |
| | 1+23.32 | ℄ | | 1,041,907.8240 | 2,853,591.6169 | | END ALIGNMENT MOCK_AVE_CL | |
| SDWK_TRAIL_BL | | | | | | | | |
| | 0+00.00 | ℄ | | 1,042,994.9271 | 2,853,884.6272 | | BEGIN ALIGNMENT SDWK_TRAIL_BL | |
| | 0+8.46 | ℄ | | 1,043,001.4470 | 2,853,890.0134 | | PI POINT | |
| | 0+65.30 | ℄ | | 1,043,045.2707 | 2,853,926.2164 | | PC POINT | |
| | 0+79.21 | RT | 4.360 | 1,043,055.9932 | 2,853,935.0743 | | PI POINT Δ = 69°37'46.93" LT | |
| | | | | 1,043,058.0085 | 2,853,910.7973 | | CC POINT | |
| | 0+89.61 | ℄ | | 1,043,068.0295 | 2,853,928.1057 | | PT POINT | |
| | 1+08.62 | ℄ | | 1,043,084.4854 | 2,853,918.5782 | | PC POINT | |
| | 1+17.82 | LT | 1.044 | 1,043,092.4478 | 2,853,913.9683 | | PI POINT Δ = 25°54'25.36" RT | |
| | | | | 1,043,104.5274 | 2,853,953.1950 | | CC POINT | |
| | 1+26.71 | ℄ | | 1,043,101.6241 | 2,853,913.3005 | | PT POINT | |
| | 2+42.17 | ℄ | | 1,043,216.7819 | 2,853,904.9198 | | PC POINT | |
| | 2+44.18 | LT | 0.051 | 1,043,218.7903 | 2,853,904.7737 | | PI POINT Δ = 5°45'49.77" RT | |
| | | | | 1,043,219.6853 | 2,853,944.8143 | | CC POINT | |
| | 2+46.19 | ℄ | | 1,043,220.8031 | 2,853,904.8299 | | PT POINT | |
| | 3+76.68 | ℄ | | 1,043,351.2430 | 2,853,908.4767 | | PC POINT | |
| | 3+96.69 | LT | 8.290 | 1,043,371.2428 | 2,853,909.0359 | | PI POINT Δ = 90°1'17.82" LT | |
| | | | | 1,043,351.8019 | 2,853,888.4844 | | CC POINT | |
| | 4+08.11 | ℄ | | 1,043,371.7944 | 2,853,889.0358 | | PT POINT | |
| | 4+42.60 | ℄ | | 1,043,372.7454 | 2,853,854.5552 | | END ALIGNMENT SDWK_TRAIL_BL | |
| NW RELOCATED MOCK AVE | | | | | | | | |
| | 0+60.16 | | | 1,041,943.5491 | 2,853,715.0978 | | BEGIN ALIGNMENT NW RELOCATED MOCK AVE | |
| | 2+13.05 | | | 1,041,947.8976 | 2,853,562.2715 | | PC POINT | |
| | 2+84.92 | | | 1,041,949.9418 | 2,853,490.4277 | | PI POINT Δ = 47°44'14.83" RT | |
| | | | | 1,042,110.2616 | 2,853,566.8914 | | CC POINT | |
| | 3+48.38 | | | 1,042,004.4861 | 2,853,443.6235 | | PRC POINT | |
| | 4+40.56 | | | 1,042,074.4410 | 2,853,383.5956 | | PI POINT Δ = 11°2'24.40" LT | |
| | | | | 1,041,383.3514 | 2,852,719.7699 | | CC POINT | |
| | 5+32.17 | | | 1,042,131.6062 | 2,853,311.2825 | | PT POINT | |
| | 6+00.00 | | | 1,042,173.6733 | 2,853,258.0682 | | END ALIGNMENT NW RELOCATED MOCK AVE | |



| | | |
|---------------|------------|--------------|
| DATE PREPARED | 10/28/2025 | |
| ROUTE | 7 | STATE MO |
| DISTRICT | KC | SHEET NO. 39 |
| COUNTY | JACKSON | |
| JOB NO. | JKU0010 | |
| CONTRACT ID. | | |
| PROJECT NO. | | |
| BRIDGE NO. | | |

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

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

1301 BURLINGTON STREET, SUITE 100
 NORTH KANSAS CITY, MO 64116
 PH. (816) 361-1177
 CERTIFICATE OF AUTHORITY NO. 001592

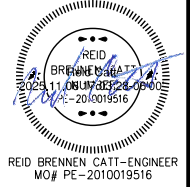
1 SHEET DELETED
 COORDINATE POINT SHEET
 SHEET 2 OF 3

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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 | STATE PLANE, MISSOURI WEST |
| HORIZONTAL DATUM | NAD 1983 |
| VERTICAL DATUM | NAVD 1988 |
| GEOID MODEL | JACKSON COUNTY |
| ELEVATIONS DETERMINED BY | GPS OBSERVATIONS |
| PROJECT PROJECTION FACTOR | 1.00009161 |
| REFERENCE CONTROL INFORMATION | |
| COORDINATE SYSTEM | NAD 1983 |
| CONTROL STATION | JA140 |
| DESIGNATION | JA140 |
| CORS_ID | |
| PID | 95140 |
| LATITUDE | 39°01'38.76519" |
| LONGITUDE | 94°14'41.81026" |
| NORTHING (M) | 317525.857 |
| EASTING (M) | 872084.48 |
| ZONE | WEST |
| PROJECT AVERAGE GRID FACTOR | 0.99990840 |
| 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 #5005 | |
| N 1035387.37 X 0.99990840 = N 1035292.53 | |
| E 2854734.11 X 0.99990840 = E 2854472.62 | |
| LINEAR UNIT CONVERSION | |
| 1 METER = 3.280833333 US SURVEY FEET (USFT) | |

| COORDINATE POINT LISTING | | | | | | | | |
|------------------------------|----------|----------|---------------|-------------------------------|------------------------|--------------------------|---------------------------------------|--------------|
| SHEET NO | STATION | LOCATION | OFFSET (USFT) | MODIFIED STATE PLANE (GROUND) | | | DESCRIPTION | GPK POINT ID |
| | | | | NORTHING (US SURVEY FT) | EASTING (US SURVEY FT) | ELEVATION (US SURVEY FT) | | |
| ALIGNMENTS | | | | | | | | |
| I-70_RAMP_C | | | | | | | | |
| | 11+10.62 | ℄ | | 1,042,733.5990 | 2,854,906.4563 | | BEGIN ALIGNMENT I-70_RAMP_C | |
| | 12+17.90 | RT | 2.51 | 1,042,749.6436 | 2,854,800.3846 | | PI POINT Δ = 5°21'40" RT | |
| | | | | 1,044,999.1834 | 2,855,249.1520 | | CC POINT | |
| | 13+25.02 | ℄ | | 1,042,775.5285 | 2,854,696.2760 | | PT POINT | |
| | 22+43.70 | ℄ | | 1,042,997.1842 | 2,853,804.7394 | | END ALIGNMENT I-70_RAMP_C | |
| I-70_RAMP_D | | | | | | | | |
| | 0+00.00 | ℄ | | 1,042,684.3167 | 2,853,795.9924 | | BEGIN ALIGNMENT I-70_RAMP_D | |
| | 8+83.43 | ℄ | | 1,042,644.2195 | 2,854,678.5101 | | PC POINT | |
| | 9+83.52 | RT | 2.621 | 1,042,639.6766 | 2,854,778.4984 | | PI POINT Δ = 6°0'0" RT | |
| | | | | 1,040,736.3285 | 2,854,591.8252 | | CC POINT | |
| | 10+83.43 | ℄ | | 1,042,624.7069 | 2,854,877.4641 | | END ALIGNMENT I-70_RAMP_D | |
| MOCK_AVE_CL | | | | | | | | |
| | 0+00.00 | ℄ | | 1,041,969.9404 | 2,853,485.0783 | | BEGIN ALIGNMENT MOCK_AVE_CL | |
| | 1+40.00 | ℄ | | 1,041,899.4248 | 2,853,606.0228 | | END ALIGNMENT MOCK_AVE_CL | |
| SDWK_TRAIL_BL | | | | | | | | |
| | 0+00.00 | ℄ | | 1,042,994.9271 | 2,853,884.6272 | | BEGIN ALIGNMENT SDWK_TRAIL_BL | |
| | 0+8.46 | ℄ | | 1,043,001.4470 | 2,853,890.0134 | | PI POINT | |
| | 0+65.30 | ℄ | | 1,043,045.2707 | 2,853,926.2164 | | PC POINT | |
| | 0+79.21 | RT | 4.360 | 1,043,055.9932 | 2,853,935.0743 | | PI POINT Δ = 69°37'46.93" LT | |
| | | | | 1,043,058.0085 | 2,853,910.7973 | | CC POINT | |
| | 0+89.61 | ℄ | | 1,043,068.0295 | 2,853,928.1057 | | PT POINT | |
| | 1+08.62 | ℄ | | 1,043,084.4854 | 2,853,918.5782 | | PC POINT | |
| | 1+17.82 | LT | 1.044 | 1,043,092.4478 | 2,853,913.9683 | | PI POINT Δ = 25°54'25.36" RT | |
| | | | | 1,043,104.5274 | 2,853,953.1950 | | CC POINT | |
| | 1+26.71 | ℄ | | 1,043,101.6241 | 2,853,913.3005 | | PT POINT | |
| | 2+42.17 | ℄ | | 1,043,216.7819 | 2,853,904.9198 | | PC POINT | |
| | 2+44.18 | LT | 0.051 | 1,043,218.7903 | 2,853,904.7737 | | PI POINT Δ = 5°45'49.77" RT | |
| | | | | 1,043,219.6853 | 2,853,944.8143 | | CC POINT | |
| | 2+46.19 | ℄ | | 1,043,220.8031 | 2,853,904.8299 | | PT POINT | |
| | 3+76.68 | ℄ | | 1,043,351.2430 | 2,853,908.4767 | | PC POINT | |
| | 3+96.69 | LT | 8.290 | 1,043,371.2428 | 2,853,909.0359 | | PI POINT Δ = 90°1'17.82" LT | |
| | | | | 1,043,351.8019 | 2,853,888.4844 | | CC POINT | |
| | 4+08.11 | ℄ | | 1,043,371.7944 | 2,853,889.0358 | | PT POINT | |
| | 4+42.60 | ℄ | | 1,043,372.7454 | 2,853,854.5552 | | END ALIGNMENT SDWK_TRAIL_BL | |
| NW RELOCATED MOCK AVE | | | | | | | | |
| | 0+60.16 | | | 1,041,943.5491 | 2,853,715.0978 | | BEGIN ALIGNMENT NW RELOCATED MOCK AVE | |
| | 2+13.05 | | | 1,041,947.8976 | 2,853,562.2715 | | PC POINT | |
| | 2+84.92 | | | 1,041,949.9418 | 2,853,490.4277 | | PI POINT Δ = 47°44'14.83" RT | |
| | | | | 1,042,110.2616 | 2,853,566.8914 | | CC POINT | |
| | 3+48.38 | | | 1,042,004.4861 | 2,853,443.6235 | | PRC POINT | |
| | 4+40.56 | | | 1,042,074.4410 | 2,853,383.5956 | | PI POINT Δ = 11°2'24.40" LT | |
| | | | | 1,041,383.3514 | 2,852,719.7699 | | CC POINT | |
| | 5+32.17 | | | 1,042,131.6062 | 2,853,311.2825 | | PT POINT | |
| | 6+00.00 | | | 1,042,173.6733 | 2,853,258.0682 | | END ALIGNMENT NW RELOCATED MOCK AVE | |



DATE PREPARED
11/6/2025

| | |
|--------------|-----------|
| ROUTE | STATE |
| 7 | MO |
| DISTRICT | SHEET NO. |
| KC | 39A |
| COUNTY | |
| JACKSON | |
| JOB NO. | |
| JKU0010 | |
| CONTRACT ID. | |
| PROJECT NO. | |
| BRIDGE NO. | |

| DATE | DESCRIPTION |
|----------|-----------------------|
| 10/28/25 | REVISION 1 - CP SHEET |
| | REVISION 1 - CP SHEET |
| | REVISION 1 - CP SHEET |
| | REVISION 1 - CP SHEET |
| | REVISION 1 - CP SHEET |
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| | REVISION 1 - CP SHEET |
| | REVISION 1 - CP SHEET |
| | REVISION 1 - CP SHEET |

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

olsson

1301 BURLINGTON STREET, SUITE 100
NORTH KANSAS CITY, MO 64116
PH. (816) 361-1177
CERTIFICATE OF AUTHORITY NO. 001592

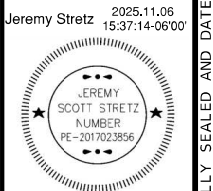
△ SHEET ADDED

COORDINATE POINT SHEET
SHEET 2 OF 3

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

| 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 | | 120 VOLT CONTROL CABINET | | CONTRACT FURNISH | UTILITY COMPANY |
| | | | | | AUXILIARY BREAKER | CONT & SIGNAL LAMPS | MAIN BREAKER | SIGNALS | LIGHTING | MAIN BREAKER | | |
| | | | Type 2 | | 15 Amps | 40 Amps | Amps | Amps | SEE LIGHTING PLANS | SEE LIGHTING PLANS | Cl. | Ft. |
| | | | Type | | 15 Amps | 40 Amps | Amps | Amps | | | Cl. | Ft. |

EFFECTIVE 04-01-2018



Jeremy Stretz 2025.11.06
15:37:14-0600

| CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------|----------|-----------------------------|-----|----------|-----|----------------|----|--------------------------|--------------|-----------|-------------|---------------------|-------|--------------------|---|----------------|--------|------------------------------|------|--------|--------|-----------|--|
| LOCATION | | | SYSTEM MASTER (CLOSED LOOP) | | ACTUATED | | ON-OFF* SWITCH | | COORDINATION INTERFACE * | | | | NEMA CABINET TYPE * | | 170 CABINET TYPE * | | 170 SOFTWARE * | | UNINTERRUPTIBLE POWER SUPPLY | | | | | |
| APPROACH | STATION | OFFSET | NEMA | 170 | NEMA | 170 | TYPE | | 12C/7C | HARDWARE (1) | TIME BASE | CLOSED LOOP | | FIBER | TIME CLOCK | E | EV | DOUBLE | 332 | 336S | BITRAN | WAPITI | 902-99.02 | |
| EXISTING | EXISTING | EXISTING | | | | | I | II | MASTER | LOCAL | | NEMA | 170 | | | | | | | | | | | |

| NEMA DETECTOR ASSIGNMENT | | | | | | | | |
|--------------------------|---|---|---|---|---|---|---|---|
| CARD POSITION | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| CHANNEL 1 | | | | | | | | |
| CHANNEL 2 | | | | | | | | |

VIDEO

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

| DETECTOR SCHEDULE | | | | | | |
|-------------------|----------|-----------------|----------|----------------|-------------|-------|
| DETECTOR NUMBER | APPROACH | PUSH BUTTON (1) | TYPE | | | VIDEO |
| | | | STANDARD | DELAY/EXTEND * | CALL UNIT * | |
| 64 | 64 | 1 | | | | |
| 65 | 65 | 1 | | | | |
| 84 | 84 | 1 | | | | |
| 85 | 85 | 1 | | | | |
| TOTAL | | 4 | | | | |

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE
 (1) ALL PUSH BUTTONS SHALL BE APS AND UTILIZE A 4-WIRE CONTROL SYSTEM WITH CONTROL UNIT IN THE CABINET.
 (2) CONTROL UNIT SHALL OPERATE IN MODE G. COMPACT MODE FOR FLASHING YELLOW ARROW.

| MISCELLANEOUS BID ITEMS | | |
|-------------------------|------|----------|
| BID ITEM | UNIT | QUANTITY |
| CCTV CAMERA ASSEMBLY | EACH | 1 |

(1) ALL PUSH BUTTONS SHALL BE APS AND UTILIZE A 4-WIRE CONTROL SYSTEM WITH CONTROL UNIT IN THE CABINET. EACH INDIVIDUAL HEAD WITH WIRING BETWEEN PUSH BUTTON AND PEDESTRIAN SIGNAL HEAD, CONTROL UNIT, MOUNTING BRACKETS, SIGN AND ASSOCIATED WIRING BETWEEN PUSH BUTTON AND PEDESTRIAN SIGNAL HEAD SHALL BE SUBSIDIARY TO OTHER BID ITEMS.

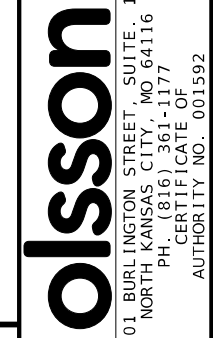
1 REVISED

| NEMA LOAD SWITCH ASSIGNMENTS | | | | | | | | | | | | | | | |
|------------------------------|------|------|------|------|------|------|------|--------|--------|--------|--------|--------|----|--------|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| Ø1 R | Ø2 R | Ø3 R | Ø4 R | Ø5 R | Ø6 R | Ø7 R | Ø8 R | - | - | Ø6P DW | Ø8P DW | Ø2 - | | Ø6 - | |
| Ø1 Y | Ø2 Y | Ø3 Y | Ø4 Y | Ø5 Y | Ø6 Y | Ø7 Y | Ø8 Y | Ø1 FYA | Ø3 FYA | Ø5 FYA | Ø7 FYA | Ø2 YRt | | Ø6 YRt | |
| Ø1 G | Ø2 G | Ø3 G | Ø4 G | Ø5 G | Ø6 G | Ø7 G | Ø8 G | - | - | Ø6P W | Ø8P W | Ø2 GRt | | Ø6 GRt | |

| SIGNS | | | | | |
|----------|-------------------|----------|--------|--------------------------|-------------------------------|
| QUANTITY | MUTCD SIGN NUMBER | SIZE | AREA | SIGN TOTAL AREA | SIGNAL SIGN MOUNTING HARDWARE |
| | | INCHES | SQ.FT. | SQ.FT. | ITEM NO. 9C208.33 |
| | R10-10L | 24 X 30 | 5.0 | 0.0 | |
| | R10-10R | 24 X 30 | 5.0 | 0.0 | |
| | R3-5L | 30 X 36 | 7.5 | 0.0 | |
| | R3-5R | 30 X 36 | 7.5 | 0.0 | |
| | R3-5A | 30 X 36 | 7.5 | 0.0 | |
| | R3-6L | 30 X 36 | 7.5 | 0.0 | |
| | R3-6R | 30 X 36 | 7.5 | 0.0 | |
| | R3-2 | 24 X 24 | 4.0 | 0.0 | |
| | R3-1 | 24 X 24 | 4.0 | 0.0 | |
| | R3-3 | 24 X 24 | 4.0 | 0.0 | |
| | R3-4 | 36 X 36 | 9.0 | 0.0 | |
| | R10-5 | 24 X 30 | 5.0 | 0.0 | |
| | R10-12 | 24 X 30 | 5.0 | 0.0 | |
| | R10-12A | 25 X 30 | 5.0 | 0.0 | |
| | D3-1 (ROUTE 7)*** | ? X 18 | 7.5 | 0.0 | |
| | D3-1 (RD MIZE)*** | ? X 18 | 11.3 | 0.0 | |
| | R10-3E(L) | 9 X 15 | 0.95 | (INTEGRATED WITH BUTTON) | |
| | R10-3E(R) | 9 X 15 | 0.95 | (INTEGRATED WITH BUTTON) | |
| | R10-3E | 9 X 15 | 0.9 | 0.0 | |
| | R10-11A | 24 X 30 | 7.5 | 0.0 | |
| | R10-13 | 36 X 24 | 6.0 | 0.0 | |
| 2 | R10-27A | 30 X 36 | 7.5 | 15.0 | 2 |
| | R10-15R | 30 X 36 | 7.5 | 0.0 | |
| | R10-10a | 30 X 36 | 7.5 | 0.0 | |
| | | SUBTOTAL | | 15.0 | 2 |
| | | TOTAL | | 15.0 | 2 |

NOTE - QUANTITIES SHOWN FOR INFORMATION ONLY
 REFER TO SUMMARY OF QUANTITIES SHEET 11 OF 13
 FOR BID ITEMS ASSOCIATED WITH SIGNALS

1 REMOVED



D-37C
 SIGNAL PLAN
 SHEET 28 OF 54

ROUTE 7 & R.D. MIZE ROAD
 INTERSECTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

| 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 | | 120 VOLT CONTROL CABINET | | CONTRACT FURNISH | UTILITY COMPANY |
| EXISTING | | | Type 2 | | AUXILIARY BREAKER | CONT. & SIGNAL LAMPS | MAIN BREAKER | SIGNALS | LIGHTING | SEE LIGHTING PLANS | MAIN BREAKER | EVERGY |
| | | | Type | | 15 Amps | 40 Amps | Amps | Amps | Amps | SEE LIGHTING PLANS | Amps | CI. Ft. |
| | | | Type | | 15 Amps | 40 Amps | Amps | Amps | Amps | SEE LIGHTING PLANS | Amps | CI. Ft. |

| CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------|-----------|-----------------------------|-----|----------|-----|----------------|----|--------------------------|--------------|-----------|-------------|--------|-------|---------------------|----|--------|--------------------|------|----------------|--------|------------------------------|--|
| LOCATION | | | SYSTEM MASTER (CLOSED LOOP) | | ACTUATED | | ON-OFF* SWITCH | | COORDINATION INTERFACE * | | | | TIME * | | NEMA CABINET TYPE * | | | 170 CABINET TYPE * | | 170 SOFTWARE * | | UNINTERRUPTIBLE POWER SUPPLY | |
| APPROACH | STATION | OFFSET | NEMA | 170 | NEMA | 170 | TYPE | | 12C/7C | HARDWARE (1) | TIME BASE | CLOSED LOOP | | FIBER | E | EV | DOUBLE | 332 | 336S | BITRAN | WAPITI | 902-99.02 | |
| ROUTE 7 | 74+18.80 | 73.5' RT. | | | | | I | II | MASTER | LOCAL | | NEMA | 170 | 1 | | | | | | | | | |

| NEMA DETECTOR ASSIGNMENT | | | | | | | | |
|--------------------------|---|---|---|---|---|---|---|---|
| CARD POSITION | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| CHANNEL 1 | | | | | | | | |
| CHANNEL 2 | | | | | | | | |

VIDEO

TOTAL NUMBER OF DETECTOR CARDS (2-CHANNEL) =

| DETECTOR SCHEDULE | | | | | | |
|-------------------|----------|-----------------|----------|----------------|-------------|-------|
| DETECTOR NUMBER | APPROACH | PUSH BUTTON (1) | TYPE | | | VIDEO |
| | | | STANDARD | DELAY/EXTEND * | CALL UNIT * | |
| 23,24 | RAMP C | 2 | | | | |
| 61 | ROUTE 7 | | | | | 1 |
| 62,63 | ROUTE 7 | | | | | |
| 51,52 | ROUTE 7 | | | | | 1 |
| 21,22 | ROUTE 7 | | | | | |
| 41 | RAMP C | | | | | 1 |
| TOTAL | | 2 | | | | |

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

(1) ALL PUSH BUTTONS SHALL BE APS AND UTILIZE A 2-WIRE CONTROL SYSTEM WITH CONTROL UNIT IN THE CABINET.

| MISCELLANEOUS BID ITEMS | | |
|-------------------------|------|----------|
| BID ITEM | UNIT | QUANTITY |
| VIDEO DETECTION SYSTEM | EACH | 1 |

(1) ALL PUSH BUTTONS SHALL BE APS AND UTILIZE A 4-WIRE CONTROL SYSTEM WITH CONTROL UNIT IN THE CABINET. EACH INDIVIDUAL HEAD WITH WIRING BETWEEN PUSH BUTTON AND PEDESTRIAN SIGNAL HEAD. CONTROL UNIT, MOUNTING BRACKETS, SIGN AND ASSOCIATED WIRING BETWEEN PUSH BUTTON AND PEDESTRIAN SIGNAL HEAD SHALL BE SUBSIDIARY TO OTHER BID ITEMS.

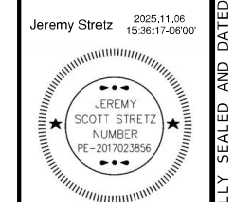
1 REVISED

| NEMA LOAD SWITCH ASSIGNMENTS | | | | | | | | | | | | | | | |
|------------------------------|------|------|------|------|------|------|------|--------|--------|--------|--------|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 01 R | 02 R | 03 R | 04 R | 05 R | 06 R | 07 R | 08 R | 02P W | 04P W | - | - | | | | |
| 01 Y | 02 Y | 03 Y | 04 Y | 05 Y | 06 Y | 07 Y | 08 Y | 01 FYA | 03 FYA | 05 FYA | 07 FYA | | | | |
| 01 G | 02 G | 03 G | 04 G | 05 G | 06 G | 07 G | 08 G | 02P DW | 04P DW | . | . | | | | |

| SIGNS | | | | | |
|----------|-------------------------|----------|--------|--------------------------|-------------------------------|
| QUANTITY | MUTCD SIGN NUMBER | SIZE | AREA | SIGN TOTAL AREA | SIGNAL SIGN MOUNTING HARDWARE |
| | | | | ITEM NO. 90208.33 | ITEM NO. 90208.34 |
| | | INCHES | SQ.FT. | SQ.FT. | EA. |
| | R10-10L | 24 X 30 | 5.0 | 0.0 | |
| | R10-10R | 24 X 30 | 5.0 | 0.0 | |
| | R3-5L | 30 X 36 | 7.5 | 0.0 | |
| | R3-5R | 30 X 36 | 7.5 | 0.0 | |
| | R3-5A | 30 X 36 | 7.5 | 0.0 | |
| | R3-6L | 30 X 36 | 7.5 | 0.0 | |
| | R3-6R | 30 X 36 | 7.5 | 0.0 | |
| | R3-2 | 24 X 24 | 4.0 | 0.0 | |
| | R3-1 | 24 X 24 | 4.0 | 0.0 | |
| | R3-3 | 24 X 24 | 4.0 | 0.0 | |
| | R3-4 | 36 X 36 | 9.0 | 0.0 | |
| | R10-5 | 24 X 30 | 5.0 | 0.0 | |
| | R10-12 | 24 X 30 | 5.0 | 0.0 | |
| | R10-12A | 25 X 30 | 5.0 | 0.0 | |
| | D3-1 (ROUTE 7)*** | 60 X 18 | 7.5 | 0.0 | |
| | D3-1 (1-70 WB RAMPS)*** | 90 X 18 | 11.3 | 0.0 | |
| | R10-3E (L) | 9 X 15 | 0.95 | (INTEGRATED WITH BUTTON) | |
| | R10-3E (R) | 9 X 15 | 0.95 | (INTEGRATED WITH BUTTON) | |
| | R10-3E | 9 X 15 | 0.9 | 0.0 | |
| | R10-11A | 24 X 30 | 7.5 | 0.0 | |
| | R10-13 | 36 X 24 | 6.0 | 0.0 | |
| | R10-27A | 30 X 36 | 7.5 | 0.0 | |
| | R10-15R | 30 X 36 | 7.5 | 0.0 | |
| | R10-10a | 30 X 36 | 7.5 | 0.0 | |
| | | SUBTOTAL | 0.0 | 0 | |
| | | TOTAL | 0.0 | 0 | |

NOTE - QUANTITIES SHOWN FOR INFORMATION ONLY
REFER TO SUMMARY OF QUANTITIES SHEET 11 OF 13 FOR BID ITEMS ASSOCIATED WITH SIGNALS

1 REMOVED



DATE PREPARED
11/6/2025
ROUTE 7 STATE MO
DISTRICT KC SHEET NO. 124
COUNTY JACKSON
JOB NO. JKU0010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

| DATE | DESCRIPTION |
|----------|---|
| 10/28/25 | MODOT REQUEST TO REMOVE NEW CONTROLLERS |

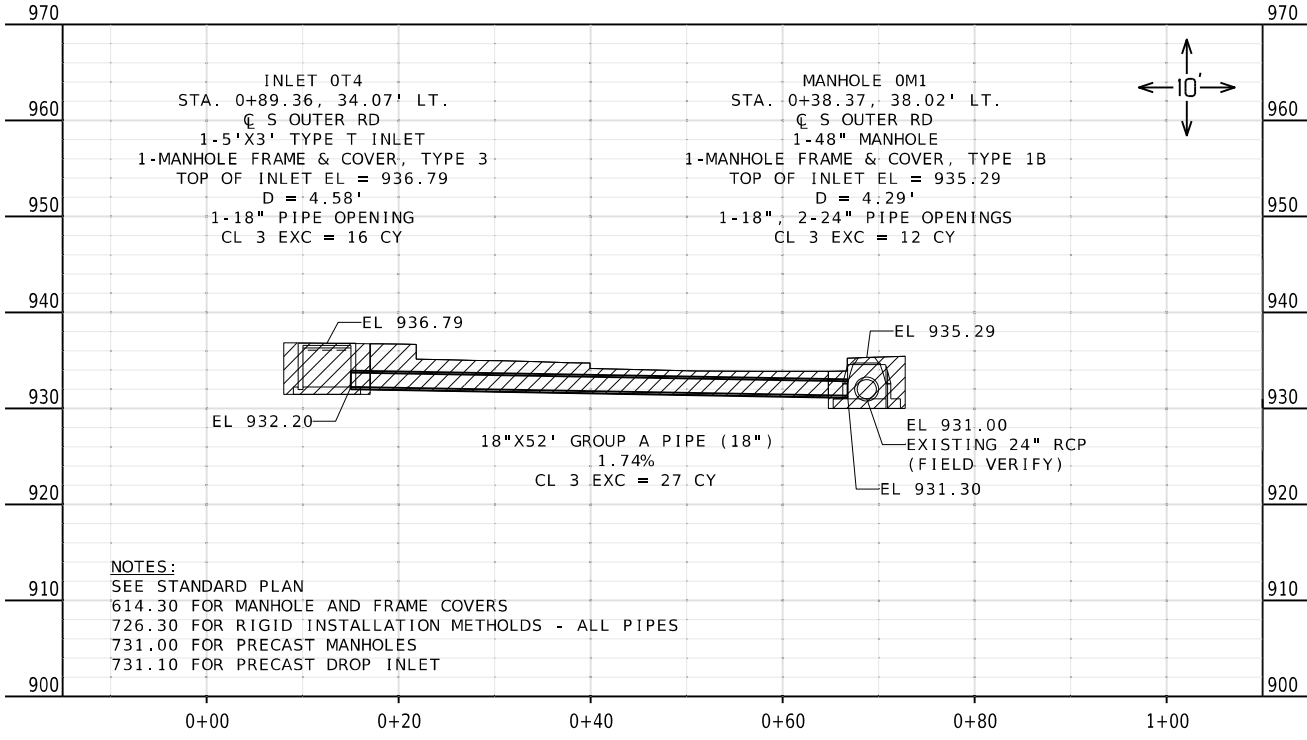
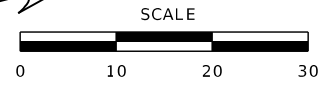
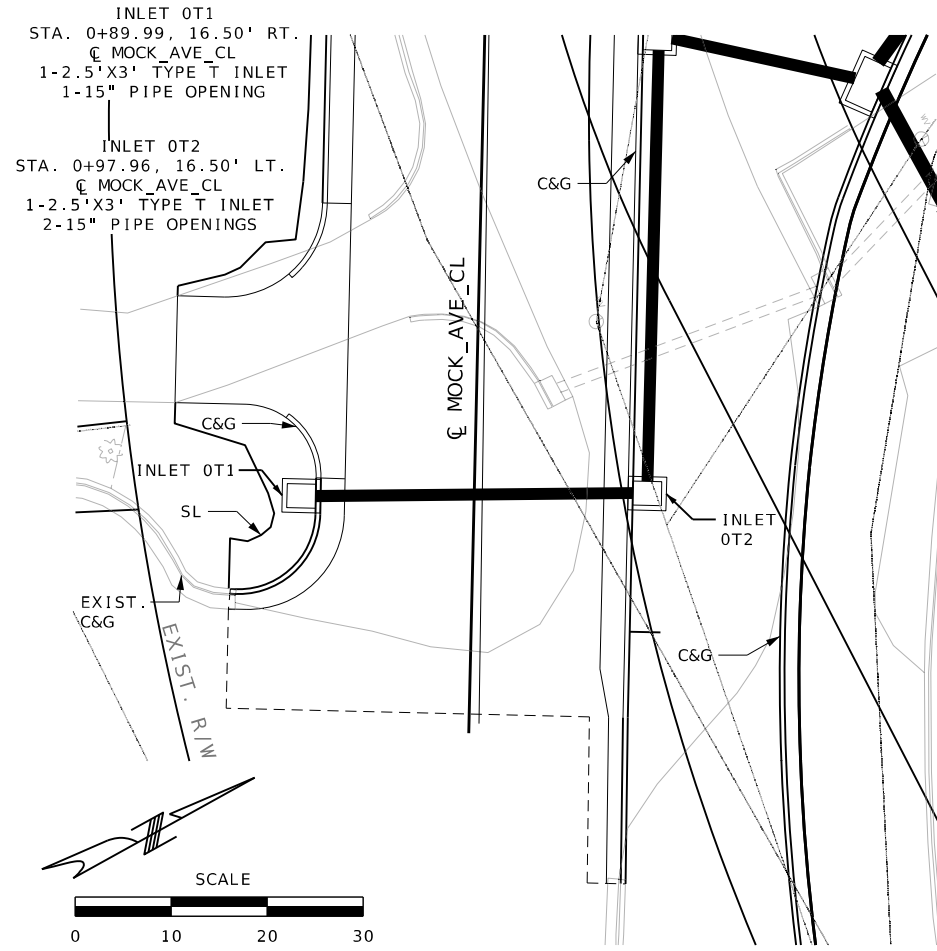
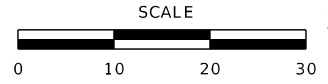
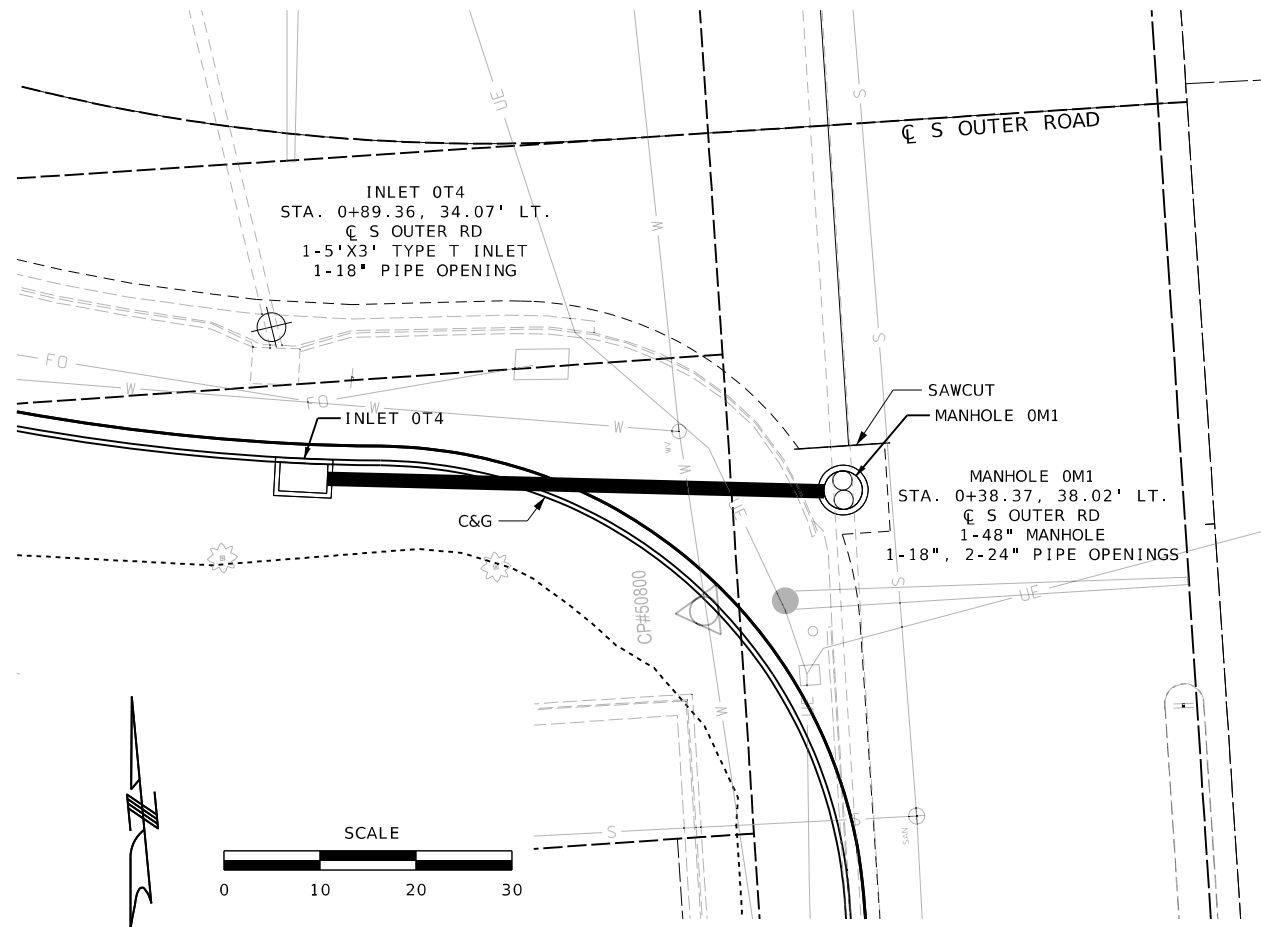
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

olsson
1301 BURLINGTON STREET, SUITE 100
NORTH KANSAS CITY, MO 64116
PH. (816) 361-1177
CERTIFICATE OF AUTHORITY NO. 001592

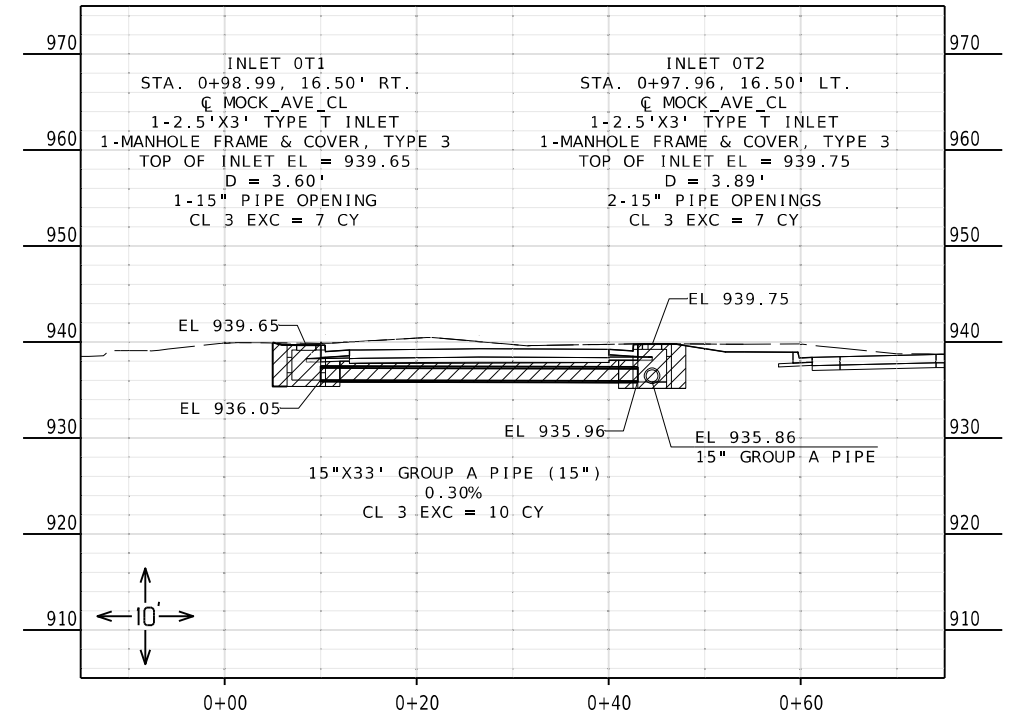
D-37C
SIGNAL PLAN
SHEET 46 OF 54

ROUTE 7 & A/C RAMPS
INTERSECTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

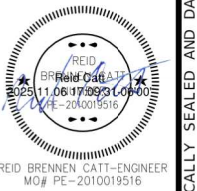


NOTES:
 SEE STANDARD PLAN
 614.30 FOR MANHOLE AND FRAME COVERS
 726.30 FOR RIGID INSTALLATION METHODS - ALL PIPES
 731.00 FOR PRECAST MANHOLES
 731.10 FOR PRECAST DROP INLET



1 SHEET ADDED

CULVERT SECTION
 SHEET 6 OF 8



| | |
|----------------------------|-------------------|
| DATE PREPARED 11/6/2025 | |
| ROUTE 7 | STATE MO |
| DISTRICT KC | SHEET NO. 153A |
| COUNTY JACKSON | |
| JOB NO. JKU0010 | |
| CONTRACT ID. | |
| PROJECT NO. | |
| BRIDGE NO. | |

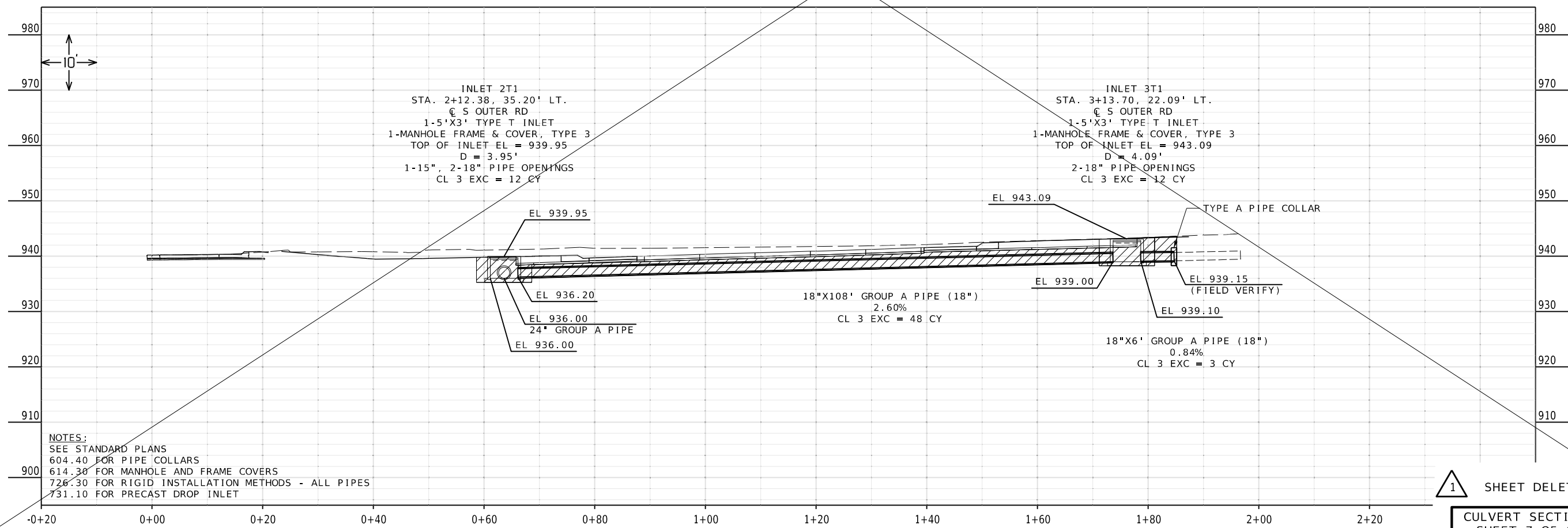
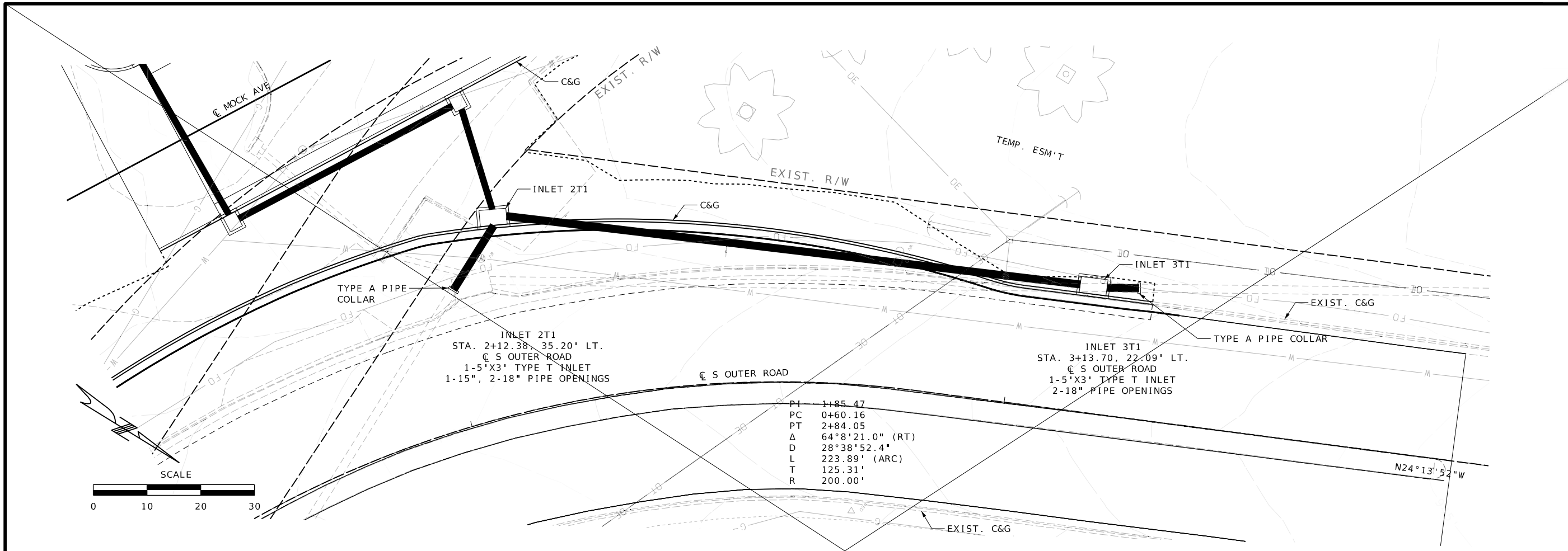
| DATE | DESCRIPTION |
|----------|-------------------------------------|
| 10/28/25 | REVISION 1 - CULVERT SHEET REVISION |

MISSOURI HIGHWAYS AND TRANSPORTATION
 COMMISSION

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

Olsson
 1301 BURLINGTON STREET, SUITE 100
 NORTH KANSAS CITY, MO 64116
 PH. (816) 361-1177
 CERTIFICATE OF
 AUTHORITY NO. 001592

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



REID BRENNEN CATT-ENGINEER
 MO# PE-2010019516

| | |
|------------------------------------|-------------------------|
| DATE PREPARED 10/29/2025 | |
| ROUTE 7 | STATE MO |
| DISTRICT KC | SHEET NO. 154 |
| COUNTY JACKSON | |
| JOB NO. JKU0010 | |
| CONTRACT ID. | |
| PROJECT NO. | |
| BRIDGE NO. | |

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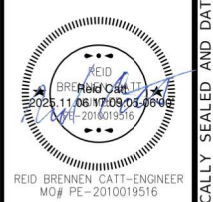
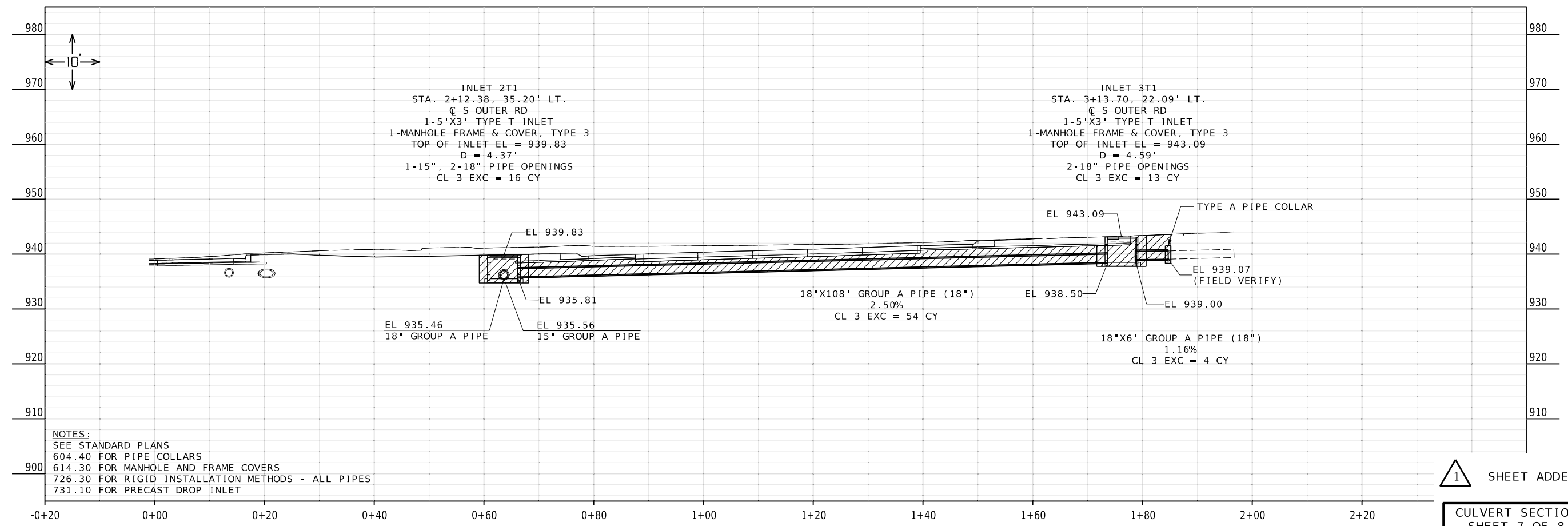
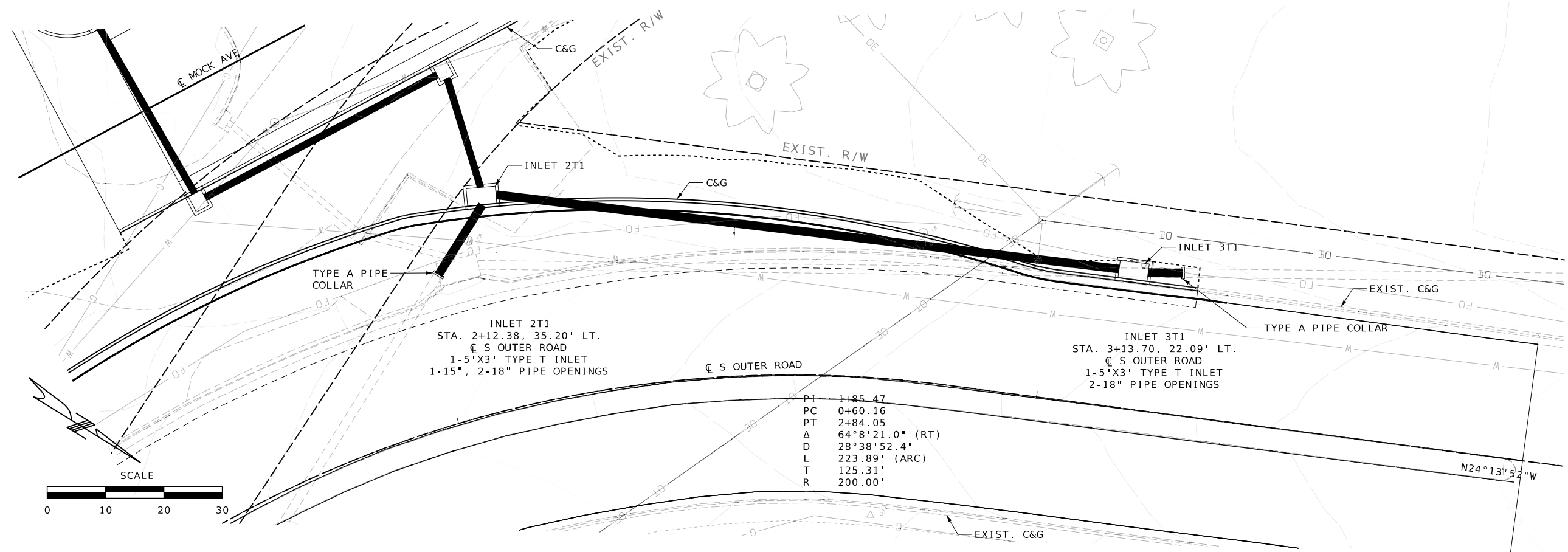
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

1301 BURLINGTON STREET, SUITE 100
 NORTH KANSAS CITY, MO 64116
 PH. (816) 361-1177
 CERTIFICATE OF AUTHORITY NO. 001592

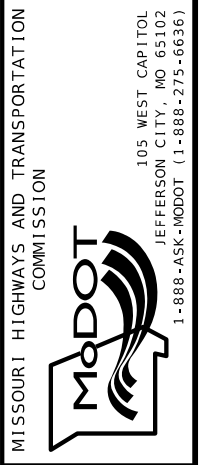
1 SHEET DELETED

CULVERT SECTION SHEET 7 OF 8

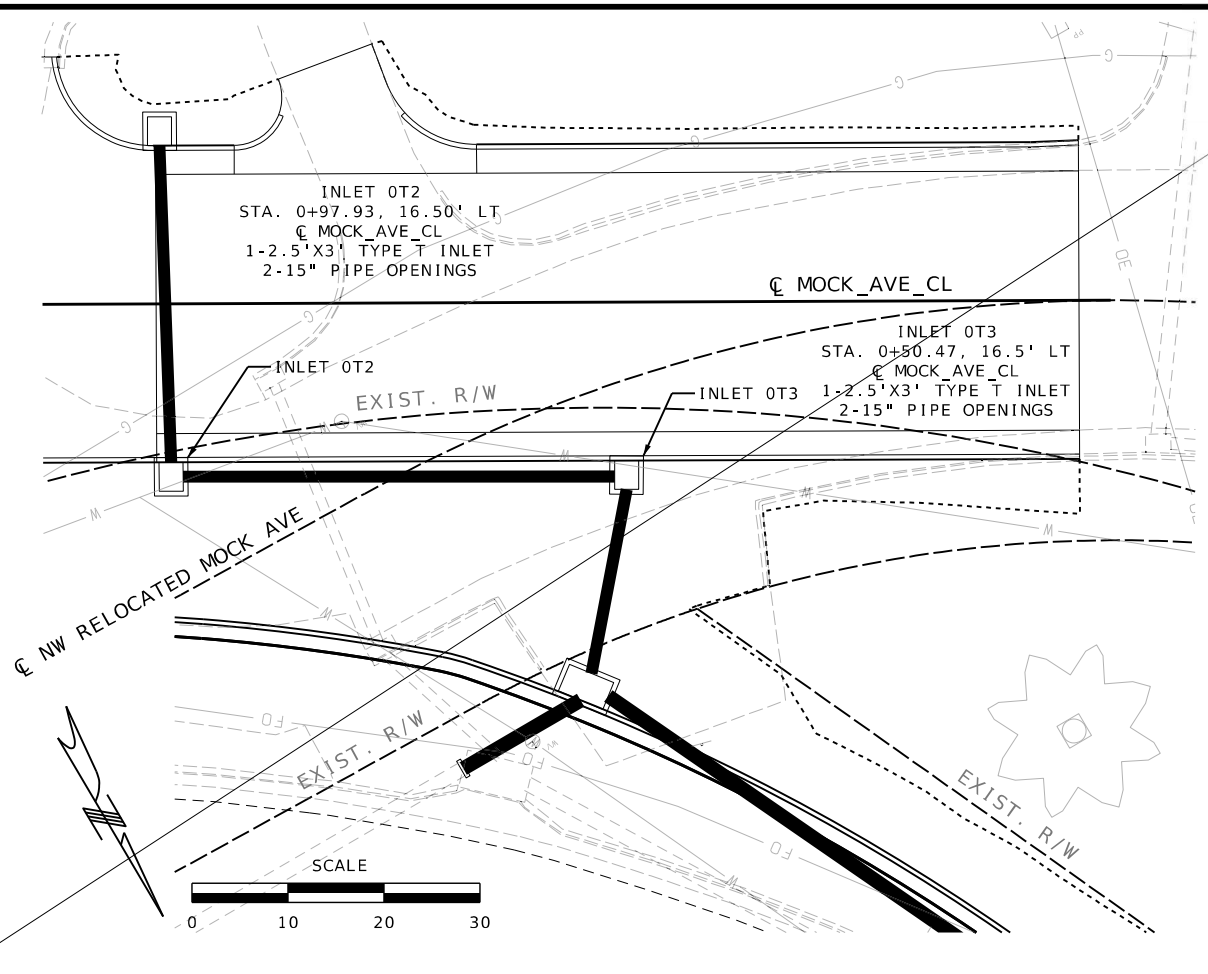
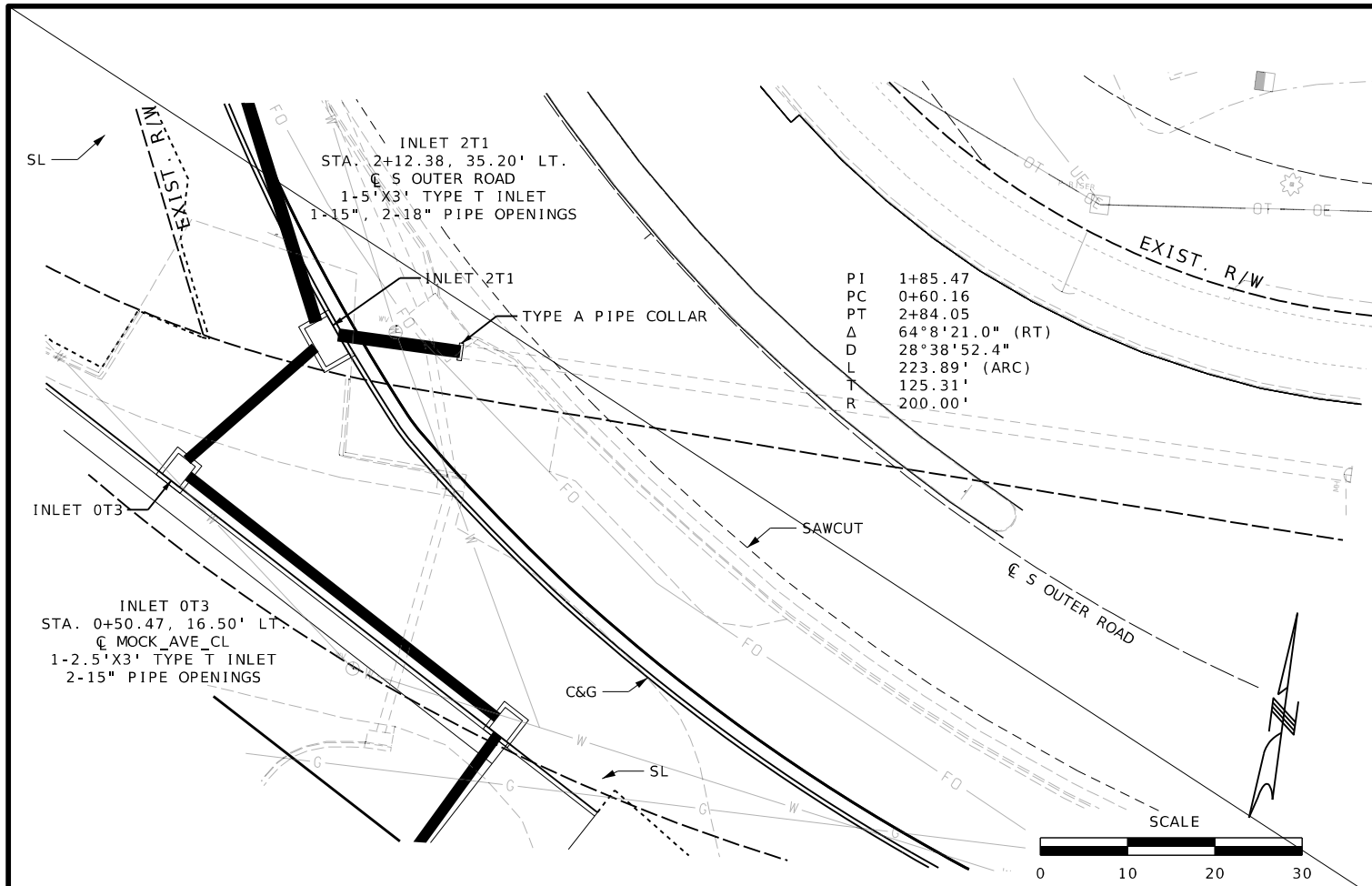


| | | | |
|---------------|-----------|-----------|------|
| DATE PREPARED | | 11/6/2025 | |
| ROUTE | STATE | 7 | MO |
| DISTRICT | SHEET NO. | KC | 154A |
| COUNTY | | | |
| JACKSON | | | |
| JOB NO. | | | |
| JKU0010 | | | |
| CONTRACT ID. | | | |
| PROJECT NO. | | | |
| BRIDGE NO. | | | |

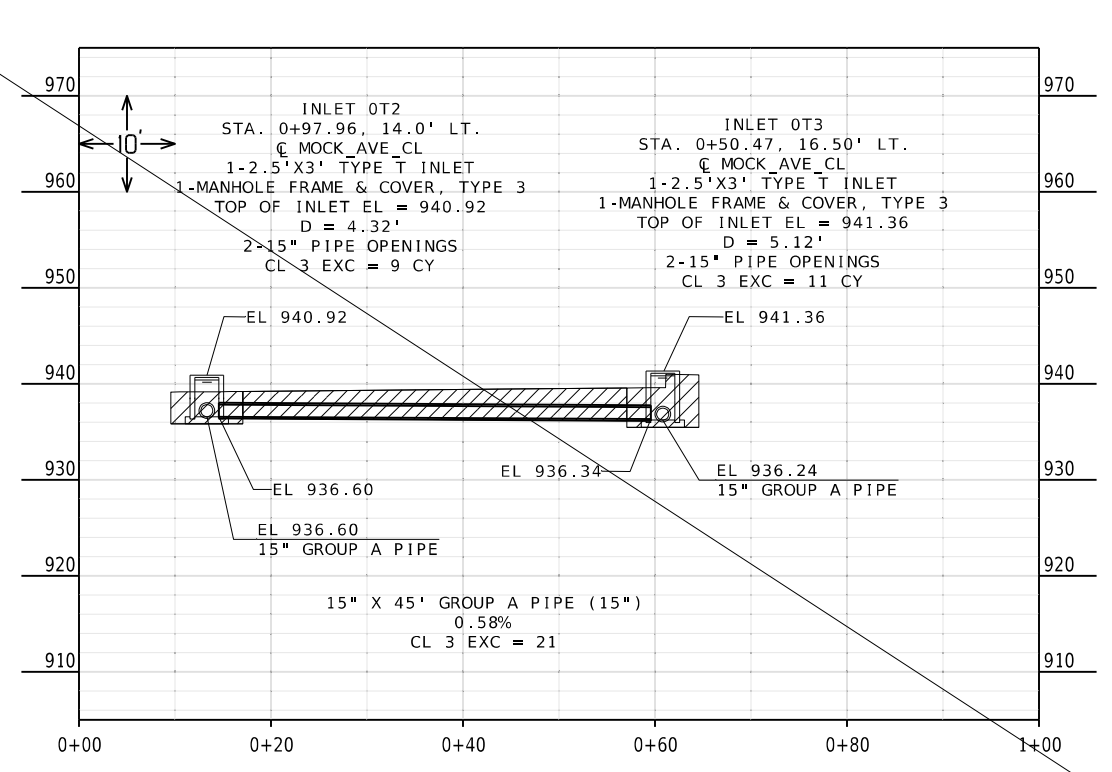
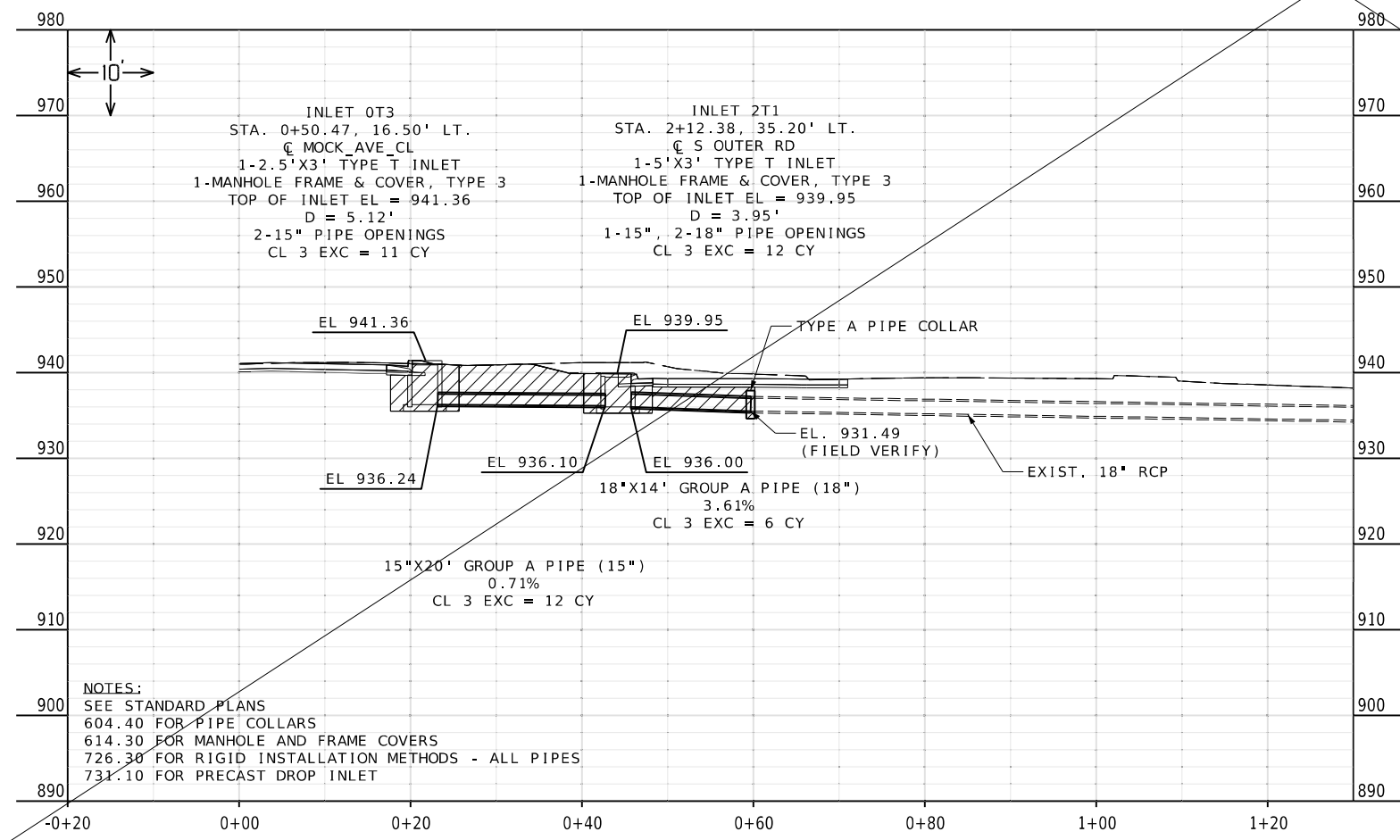
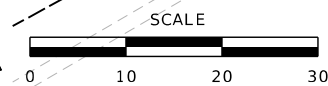
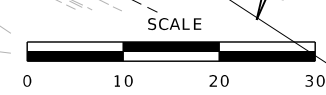
| DATE | DESCRIPTION |
|----------|-------------------------------------|
| 10/28/25 | REVISION 1 - CULVERT SHEET REVISION |



olsson
 1301 BURLINGTON STREET, SUITE 100
 NORTH KANSAS CITY, MO 64116
 PH. (816) 361-1177
 CERTIFICATE OF AUTHORITY NO. 001592



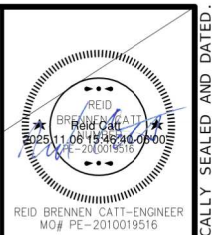
PI 1+85.47
 PC 0+60.16
 PT 2+84.05
 Δ 64°8'21.0" (RT)
 D 28°38'52.4"
 L 223.89' (ARC)
 T 125.31'
 R 200.00'



NOTES:
 SEE STANDARD PLANS
 604.40 FOR PIPE COLLARS
 614.30 FOR MANHOLE AND FRAME COVERS
 726.30 FOR RIGID INSTALLATION METHODS - ALL PIPES
 731.10 FOR PRECAST DROP INLET

1 SHEET DELETED

CULVERT SECTION
 SHEET 8 OF 8



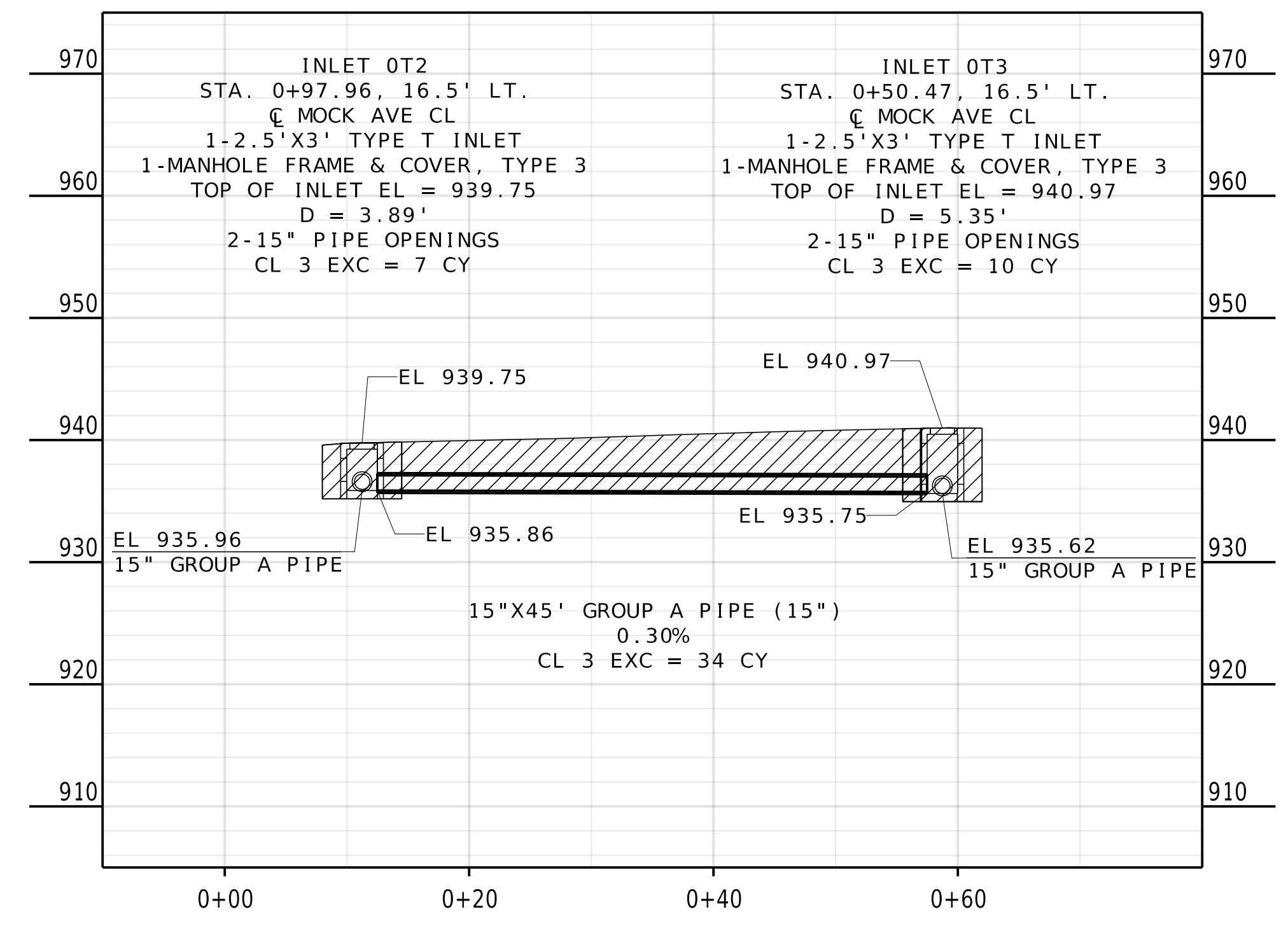
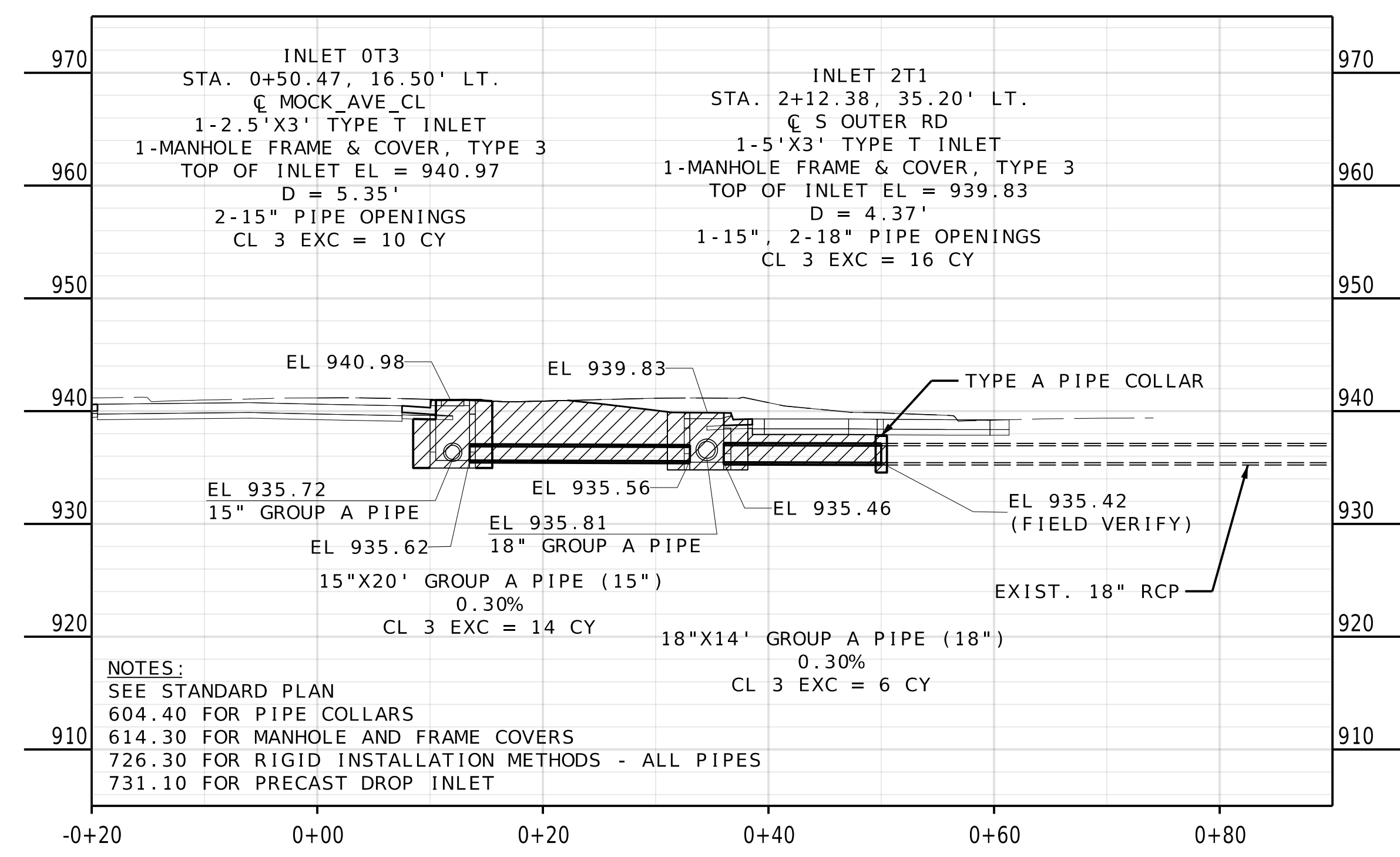
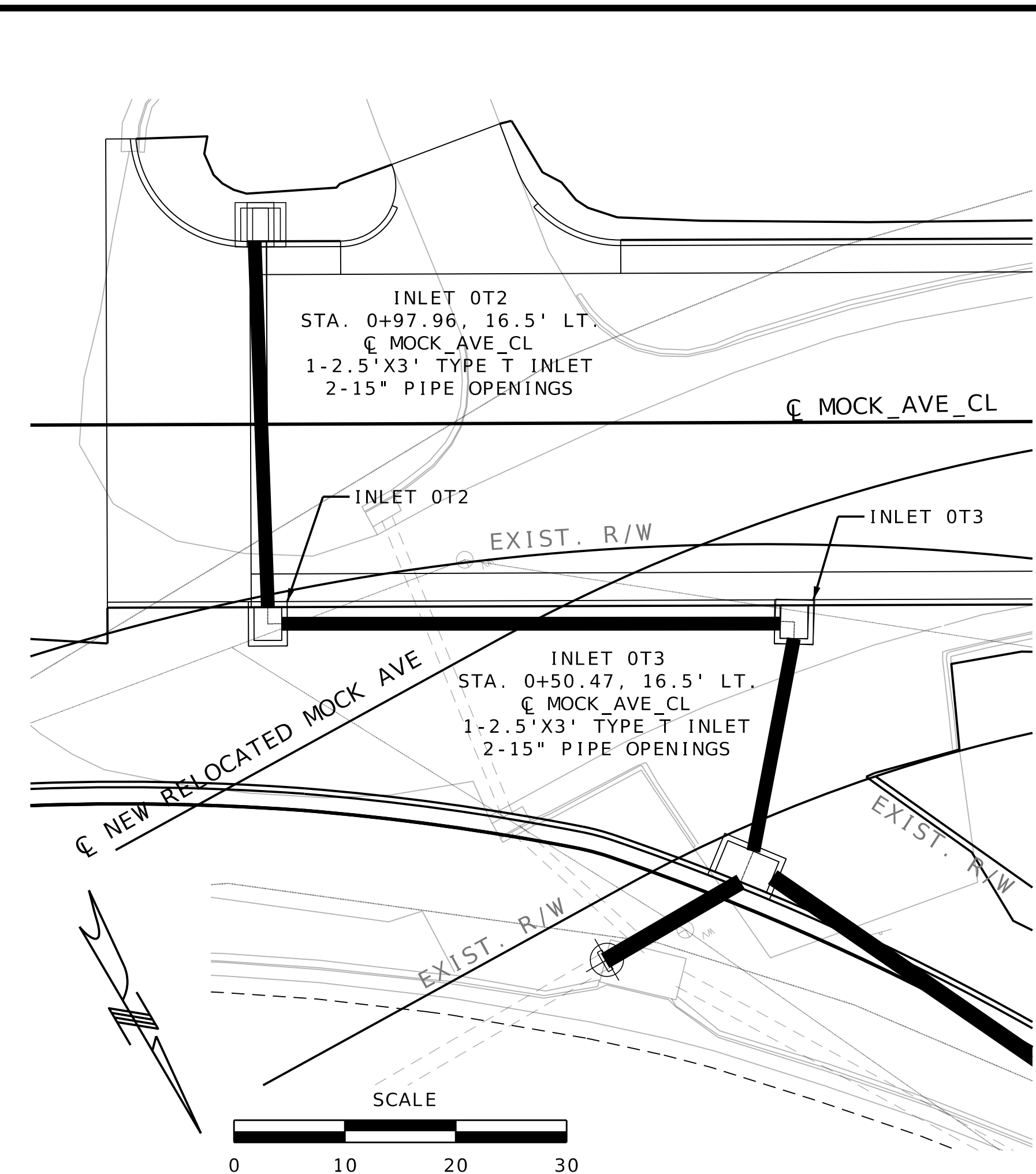
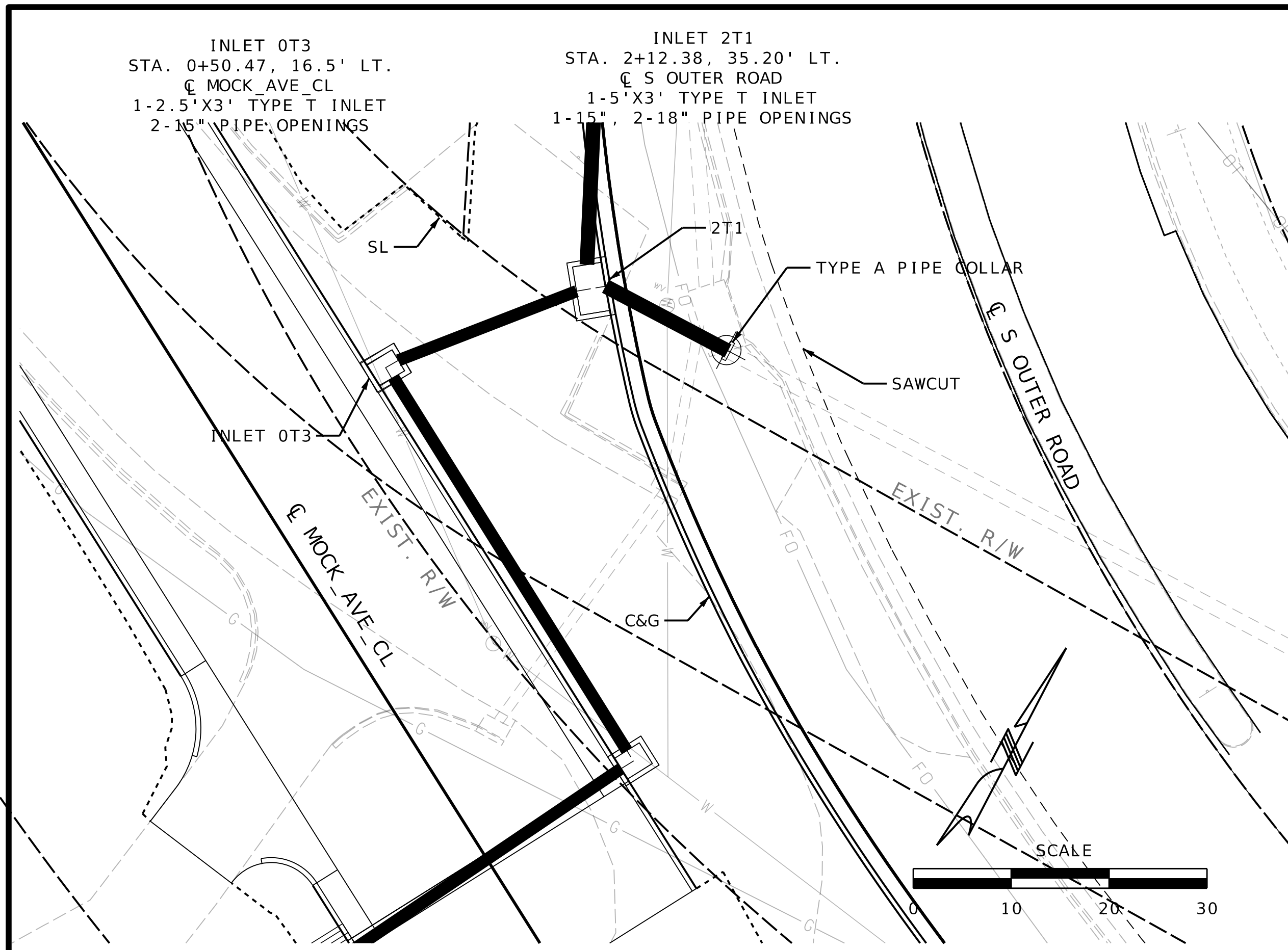
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|---------------|-------|------------|-----------|
| DATE PREPARED | | 10/29/2025 | |
| ROUTE | STATE | DISTRICT | SHEET NO. |
| 7 | MO | KC | 155 |
| COUNTY | | | |
| JACKSON | | | |
| JOB NO. | | | |
| JKU0010 | | | |
| CONTRACT ID. | | | |
| PROJECT 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)

1301 BURLINGTON STREET, SUITE 100
 NORTH KANSAS CITY, MO 64116
 PH. (816) 361-1177
 CERTIFICATE OF
 AUTHORITY NO. 001592



NOTES:
 SEE STANDARD PLAN
 604.40 FOR PIPE COLLARS
 614.30 FOR MANHOLE AND FRAME COVERS
 726.30 FOR RIGID INSTALLATION METHODS - ALL PIPES
 731.10 FOR PRECAST DROP INLET

1 SHEET ADDED
 CULVERT SECTION
 SHEET 8 OF 8

REID BRENNEN CATT-ENGINEER
 MO# PE-2010019516

| | |
|------------------------------------|--------------------------|
| DATE PREPARED 11/10/2025 | |
| ROUTE 7 | STATE MO |
| DISTRICT KC | SHEET NO. 155A |
| COUNTY JACKSON | |
| JOB NO. JKU0010 | |
| CONTRACT ID. | |
| PROJECT NO. | |
| BRIDGE NO. | |

| DATE | DESCRIPTION |
|----------|-------------------------------------|
| 10/28/25 | REVISION 1 - CULVERT SHEET REVISION |

MISSOURI HIGHWAYS AND TRANSPORTATION
 COMMISSION

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

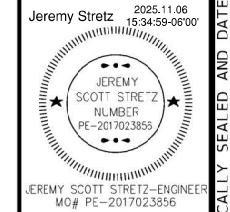
olsson
 550 ST. LOUIS STREET
 SPRINGFIELD, MO 65806
 PH. (417) 890-8802
 CERTIFICATE OF
 AUTHORITY NO. 001592

| PAVEMENT MARKING | | | | | | | | | |
|------------------|----------|----------|-----------------------------|------------------------------|------------------------|-------------------------|-------------------------|------------------------|---------|
| STA. | STA. | LOCATION | CLASS 2 PAINT, TYPE L BEADS | | | | PERFORMED THERMOPLASTIC | | REMARKS |
| | | | 6" SOLID WHITE (L.F.) | 6" INTERMITTENT WHITE (L.F.) | 6" SOLID YELLOW (L.F.) | 12" DOTTED WHITE (L.F.) | 24" SOLID WHITE (L.F.) | LEFT/RIGHT ARROW (EA.) | |
| 9+00.64 | 15+50.64 | RAMP B | 410 | 212 | | 60 | | | |
| 15+50.64 | 22+00.64 | RAMP B | 1845 | 158 | 548 | | 60 | 12 | |
| SUB TOTAL: | | | 2255 | 370 | 548 | | 60 | 12 | |
| TOTAL: | | | 2625 | | 548 | | 60 | 12 | |

| BID ITEMS - TRAFFIC SIGNAL (JKU0415) | | | | | | | | | | | | |
|--------------------------------------|--|----------|----------|----------|--------|------|--------|-----------|------|---------|--------|------|
| ITEM NO | ITEM | QUANTITY | UNIT | ROUTE 40 | WALNUT | MAIN | VESPER | R.D. MIZE | MOCK | I-70 EB | I-70WB | SHAW |
| 9020213 | SIGNAL HEAD, TYPE 3S | 5 | EACH | | 4 | | | 1 | | | | |
| 9020513 | SIGNAL HEAD, TYPE 3B | 11 | EACH | | 6 | | | | 5 | | | |
| 9020514 | SIGNAL HEAD, TYPE 4B | 6 | EACH | | 2 | | | 2 | 2 | | | |
| 9020515 | SIGNAL HEAD, TYPE 5B | 5 | EACH | | | 1 | | 2 | 2 | | | |
| 9020811 | SIGNAL HEAD, TYPE 1S, PEDESTRIAN | 0 | EACH | | | | | | | | | |
| 9020833 | SH-FLAT SHEET-SIGNAL SIGN | 86 | S.F. | | 52.5 | | | 15 | 33.8 | | | |
| 9020834 | SIGNAL SIGN, MOUNTING HARDWARE | 10 | EACH | | 6 | | | 2 | 4 | | | |
| 9022651 | LUMINAIRE, LED-A | 2 | EACH | | 2 | | | | | | | |
| 9022704 | POST SIGNAL, 4' | 0 | EACH | | | | | | | | | |
| 9022708 | POST SIGNAL, 8' | 2 | EACH | | 1 | | | | | | | 1 |
| 9022715 | POST SIGNAL, 15' | 0 | EACH | | | | | | | | | |
| 9023120 | POST, TYPE CL, 20' | 1 | EACH | | 1 | | | | | | | |
| 9023130 | POST, TYPE CL, 30' | 0 | EACH | | | | | | | | | |
| 9023155 | POST, TYPE CL, 55' | 0 | EACH | | | | | | | | | |
| 9023225 | POST, TYPE C, 25' | 1 | EACH | | | 1 | | | | | | |
| 9023230 | POST, TYPE C, 30' | 0 | EACH | | | | | | | | | |
| 9023255 | POST, TYPE C, 55' | 3 | EACH | | 1 | 1 | | | 1 | | | |
| 9029902 | POST, TYPE C, 70' | 0 | EACH | | | | | | | | | |
| 9023340 | POST, TYPE B, LONGEST ARM 40' | 0 | EACH | | | | | | | | | |
| 9023355 | POST, TYPE B, LONGEST ARM 55' | 0 | EACH | | | | | | | | | |
| 9023455 | POST, TYPE BL, LONGEST ARM 55' | 0 | EACH | | | | | | | | | |
| 9024283 | CONTROLLER ASSEMBLY HOUSING, NEMA TS2 CONTROLLER | 2 | EACH | | | | | 1 | 1 | | | |
| 9024921 | ACCESSIBLE PEDESTRIAN SIGNAL | 0 | EACH | | | | | | | | | |
| 9024975 | VIDEO DETECTION SYSTEM | 0 | EACH | | | | | | | | | |
| 9025200 | CONDUIT, 2 IN., TRENCH WITH TRACER WIRE | 119 | L.F. | | 56 | 63 | | | | | | |
| 9025300 | CONDUIT, 3 IN., TRENCH WITH TRACER WIRE | 85 | L.F. | | 71 | | | 14 | | | | |
| 9027300 | CONDUIT, 3 IN., PUSHED WITH TRACER WIRE | 900 | L.F. | | 278 | | | 196 | 426 | | | |
| 9028204 | CABLE, 4AWG 1C | 93 | L.F. | | 60 | 33 | | | | | | |
| 9028219 | CABLE, 10AWG 1C | 140 | L.F. | | 70 | 70 | | | | | | |
| 9028302 | CABLE, 12 AWG 2C | 320 | L.F. | | 320 | | | | | | | |
| 9028308 | CABLE, 16AWG 2C | 0 | L.F. | | | | | | | | | |
| 9028310 | CABLE, 16AWG 5C | 0 | L.F. | | | | | | | | | |
| 9028311 | CABLE, 16AWG 7C | 5500 | L.F. | | 1750 | | | 1380 | 2370 | | | |
| 9028811 | PULL BOX, PREFORMED CLASS 2 | 8 | EACH | | 3 | | | 3 | 3 | | | |
| 9028812 | PULL BOX, PREFORMED CLASS 3 | 1 | EACH | | 1 | | | | | | | |
| 9029100 | BASE, CONCRETE | 19.95 | C.Y. | | 11.27 | 5.41 | | | 3.27 | | | |
| 9029902 | MISC UPS | 4 | EACH | | | | | | | | | |
| 9029902 | MISC APS PUSH BUTTON | 0 | EACH | | | | | | | | | |
| 9029902 | CCTV CAMERA ASSEMBLY | 6 | EACH | | 1 | 1 | 1 | 1 | 1 | | | 1 |
| 9029903 | MISC EVP CABLE | 0 | L.F. | | | | | | | | | |
| 9029901 | OGL SIGNAL COORDINATION | 0 | LUMP SUM | | | | | 0 | | | | |

1 REVISED

SUMMARY OF QUANTITIES
SHEET 3 OF 4



DATE PREPARED
11/6/2025

ROUTE 7 STATE MO

DISTRICT KC SHEET NO 3

COUNTY JACKSON

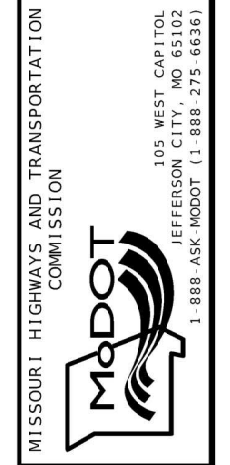
JOB NO. JKU0415

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION | QUANTITIES |
|----------|-------------|------------|
| 11/06/25 | UPDATED | |



Olsson

1301 BURLINGTON STREET, SUITE 100
NORTH KANSAS CITY, MO 64116
PH. (816) 361-1177
CERTIFICATE OF AUTHORITY NO. 001592

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.