



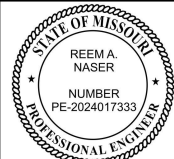
| EQUIVALENT PAVEMENT DESIGNS                                                 |                              |                                                                                                 |
|-----------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------------------|
| CATEGORY                                                                    | BASE TYPE                    | HMA DESIGN                                                                                      |
| US 67<br>MAINLINE & RAMPS<br>ALTERNATE A/B (MODOT)<br>ALTERNATE I/J (ARDOT) | MODIFIED ROCK BASE           | 11.0" HMA<br>2" SP125C W/PG 70-22<br>OVER 2" SP125C W/PG 70-22<br>OVER 7" SP250C W/PG 64-22     |
| CR278<br>ALTERNATE E/F (MODOT)<br>ALTERNATE M/N (ARDOT)                     | 12" TYPE 7<br>AGGREGATE BASE | 10.5" HMA<br>2" SP125C W/PG 70-22<br>OVER 2" SP125C W/PG 70-22<br>OVER 6-1/2" SP250C W/PG 64-22 |
| CR270 & OUTER ROADS<br>ALTERNATE G/H (MODOT)                                | 12" TYPE 7<br>AGGREGATE BASE | 7.0" HMA<br>2" BP-1 W/PG 64-22<br>OVER 5" BB W/PG 64-22                                         |

1. MATERIAL FROM THE CONTRACTOR'S BORROW SOURCE SHALL BE SUFFICIENTLY COHESIVE TO ALLOW CONSTRUCTION OF NON-ERODIBLE SLOPES
2. MODIFIED SUBGRADE SHALL BE REQUIRED IN ADDITION TO THE BASE REQUIREMENTS. ONLY GEOGRID AND GEOTEXTILE WILL BE ALLOWED. SEE SECTION 205.

ASPHALTIC APPLICATION RATES:  
ASPHALTIC CONCRETE MIXTURE PG 70-22 (SP125C MIX) = 1,927 TON/C.Y.  
ASPHALTIC CONCRETE MIXTURE PG 70-22 (SP250C MIX) = 1,946 TON/C.Y.  
ASPHALTIC CONCRETE MIXTURE PG 64-22 (SP250C MIX) = 1,946 TON/C.Y.  
BITUMINOUS PAVEMENT MIXTURE PG 64-22 (BP-1) = 1,948 TON/C.Y.  
BITUMINOUS PAVEMENT MIXTURE PG 64-22 (BASE) = 1,943 TON/C.Y.

TACK COAT  
NEW ASPHALT SURFACES 0.05 GAL/SY  
EXISTING SURFACES 0.08 GAL/SY  
COLDMILLED SURFACES 0.10 GAL/SY

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MO PE - 2024017333

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8/12/2026

ROUTE 67 STATE MO  
DISTRICT SE SHEET NO. 2

COUNTY BUTLER  
JOB NO. JST0062  
CONTRACT ID.

PROJECT NO.  
BRIDGE NO.

DESCRIPTION

DATE

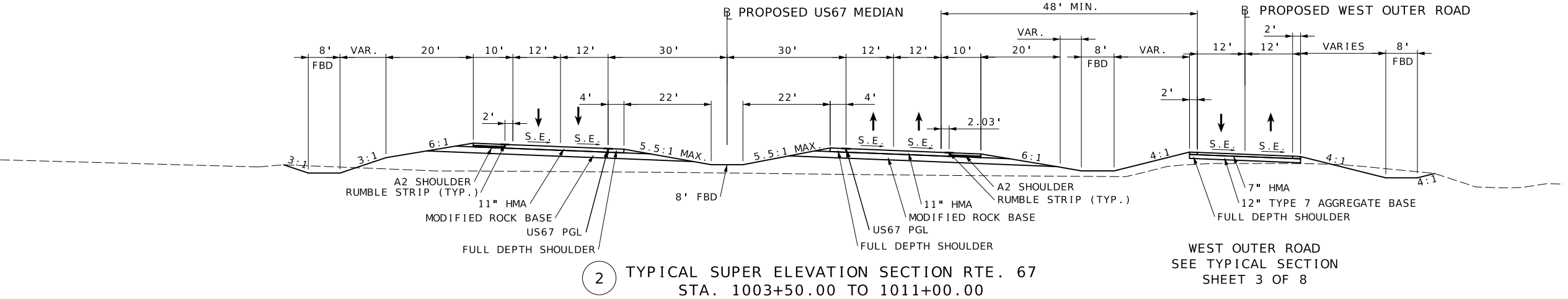
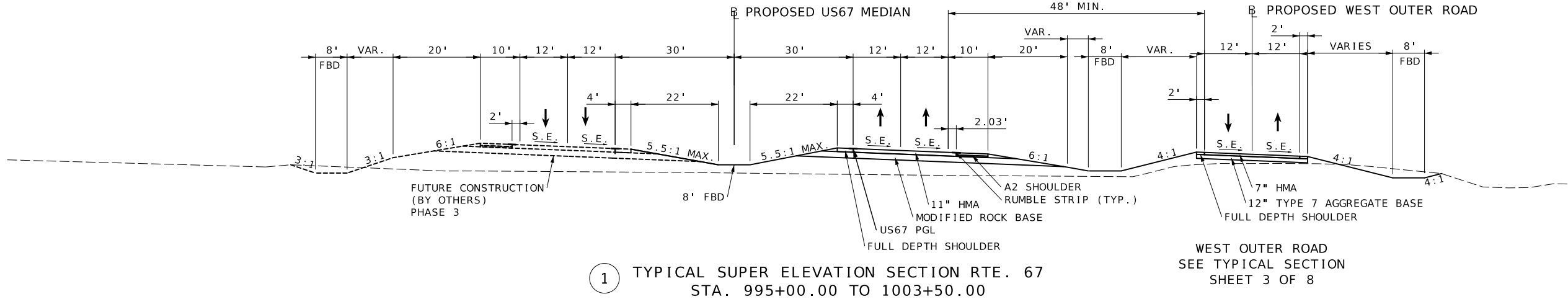
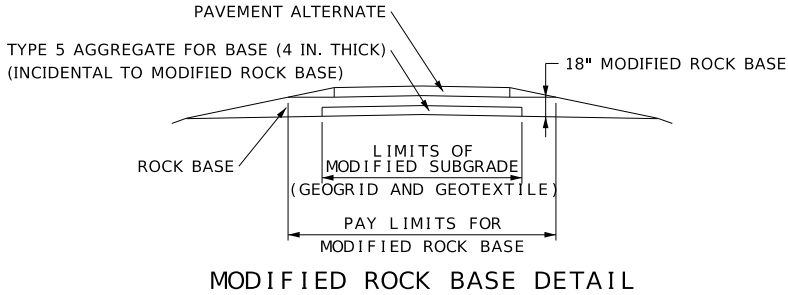
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MoDOT

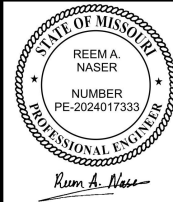
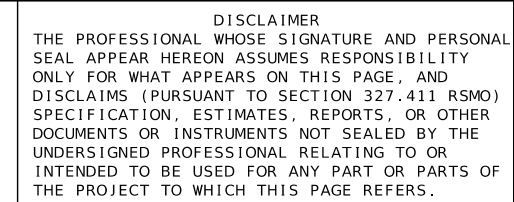
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ENGINEERING CORPORATION - 000631



ASPHALT ALTERNATIVE  
TYPICAL SECTIONS  
SHEET 1 OF 8





DATE PREPARED  
8/12/2026

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| DISTRICT | SHEET NO |
| SE       | 2        |

JOB NO.  
JST0062

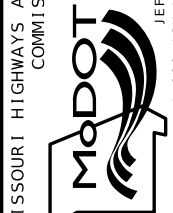
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COMMISSION

105 WEST CAPITOL  
JEFFERSON CITY, MO 65102



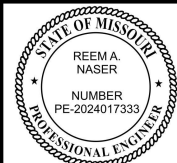
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ASPHALT ALTERNATIVE  
TYPICAL SECTIONS  
SHEET 2 OF 8

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DATE PREPARED  
8/12/2026

ROUTE  
67

STATE  
MO

DISTRICT  
SE

SHEET NO.  
2

COUNTY  
BUTLER

JOB NO.  
JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

MoDOT

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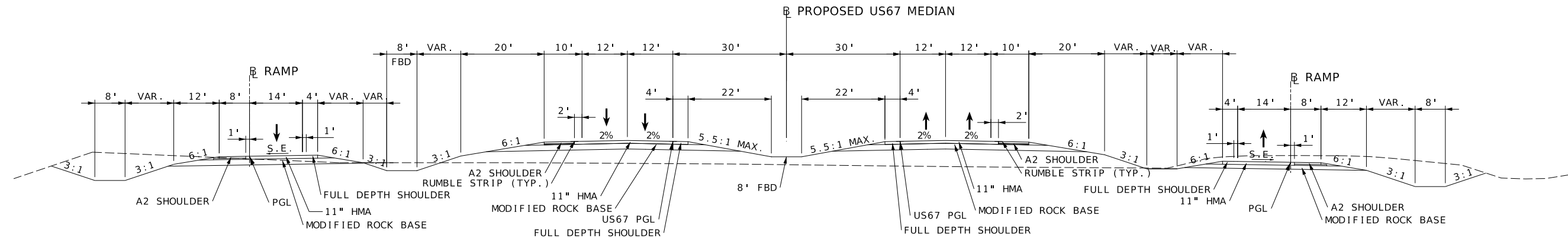
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ASPHALT ALTERNATIVE

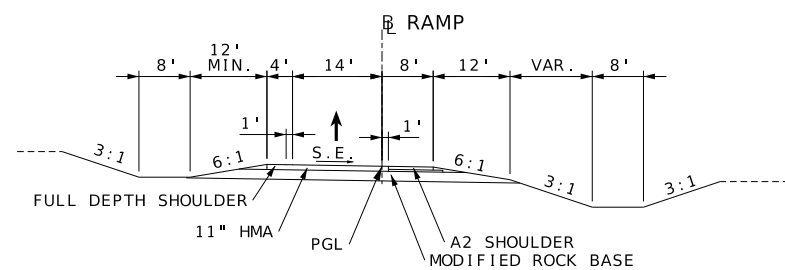
TYPICAL SECTIONS

SHEET 3 OF 8

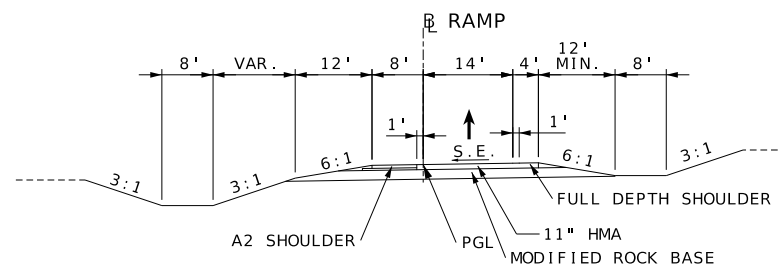
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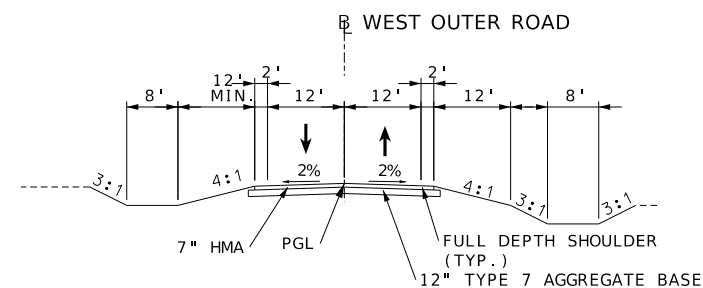
6 TYPICAL SECTION RTE. 67  
STA. 1147+31.11 TO 1162+93.08  
STA. 1162+93.08 TO 1164+50.00



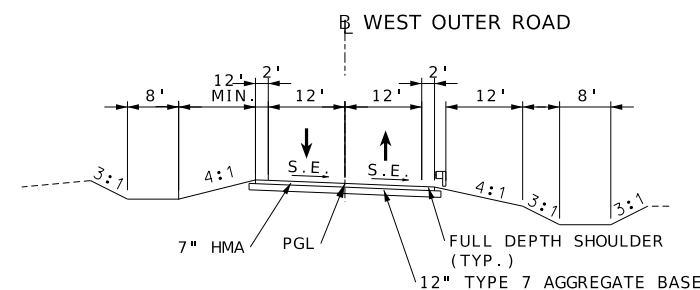
7 TYPICAL CR-278 RAMP SECTION  
RAMP 1 STA. 0+00.00 TO 16+53.69



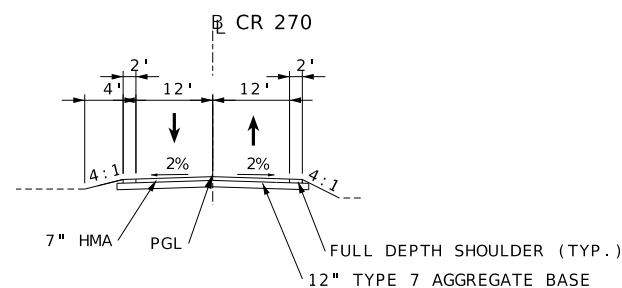
8 TYPICAL CR-278 RAMP SECTION  
RAMP 4 STA. 0 TO 16+40.31



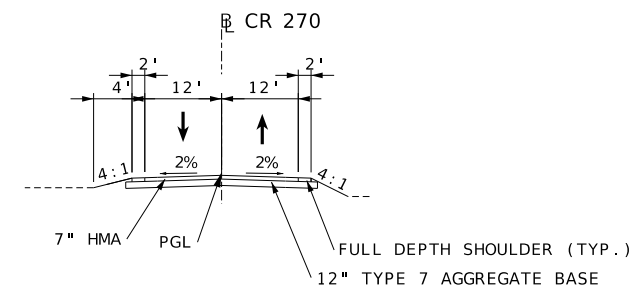
9 WEST OUTER ROAD  
TYPICAL SECTION  
WOR S STA. 10+00.00 TO 22+00.00  
WOR STA. 975+56.22 TO 987+19.24  
(WOR STA. 987+19.24 END WOR CONSTRUCTION,  
CONTINUES AS EX. US67)



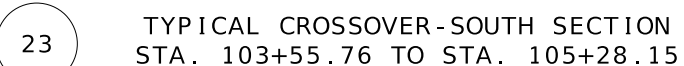
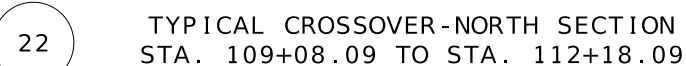
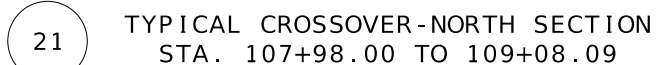
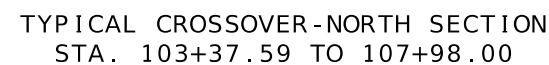
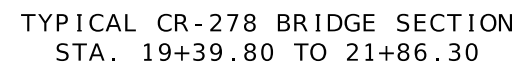
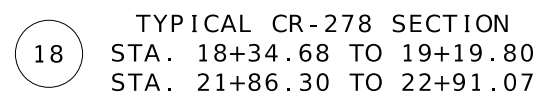
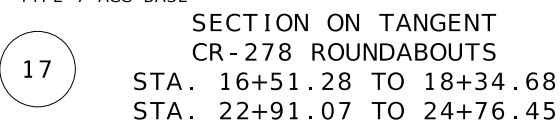
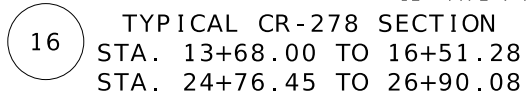
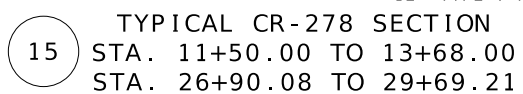
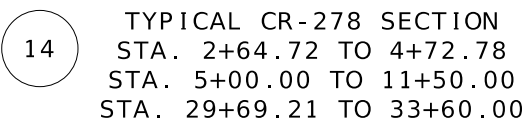
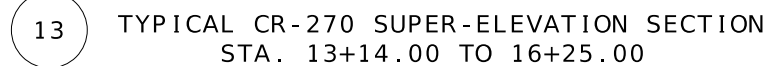
10 WEST OUTER ROAD  
SUPER ELEVATION TYPICAL SECTION  
WOR S STA. 22+00.00 TO WOR STA. 975+56.22  
WOR S STA. 27+71.78 TO 30+75.63 (GUARDRAIL)



11 TYPICAL CR-270 SECTION  
STA. 2+15.74 TO 13+14.00  
STA. 16+25.00 TO 17+69.26



12 TYPICAL CR-270 SECTION  
STA. 11+55.62 TO 13+14.00



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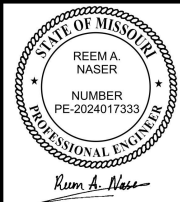
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REV.

| EQUIVALENT PAVEMENT DESIGNS                                                 |                              |                                                                         |
|-----------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------|
| CATEGORY                                                                    | BASE TYPE                    | PCCP DESIGN                                                             |
| US 67<br>MAINLINE & RAMPS<br>ALTERNATE A/B (MODOT)<br>ALTERNATE I/J (ARDOT) | MODIFIED ROCK BASE           | 9.0" PCCP<br>15 FT. JOINTS AND<br>1-1/4" DOWELS                         |
| CR278<br>ALTERNATE E/F (MODOT)<br>SLTERNATE M/N (ARDOT)                     | 12" TYPE 7<br>AGGREGATE BASE | 8.5" PCCP<br>15 FT. JOINTS AND<br>1-1/4" DOWELS                         |
| CR270 & OUTER ROADS<br>ALTERNATE G/H                                        | 12" TYPE 7<br>AGGREGATE BASE | 7.0" PCCP<br>JOINT SPACING SHOULD<br>MATCH LANE WIDTH;<br>1-1/4" DOWELS |

1. MATERIAL FROM THE CONTRACTOR'S BORROW SOURCE SHALL BE SUFFICIENTLY COHESIVE TO ALLOW CONSTRUCTION OF NON-ERODIBLE SLOPES
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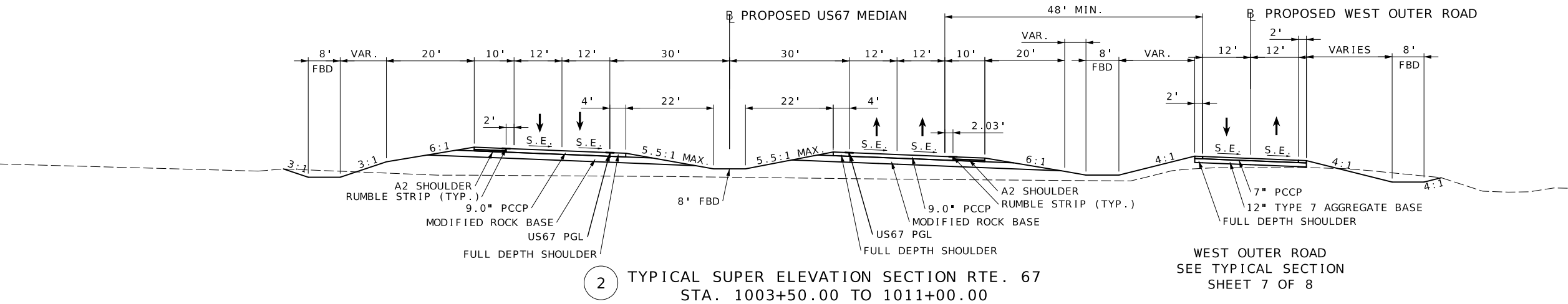
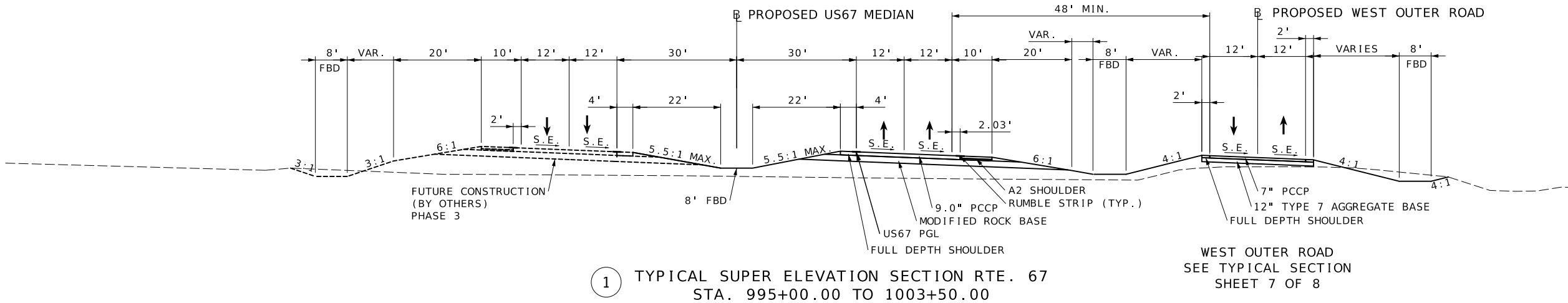
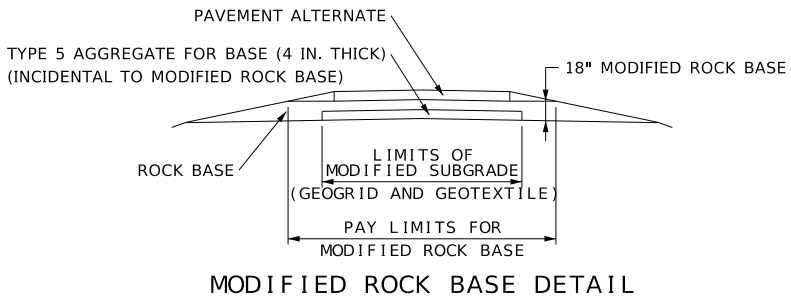
COUNTY BUTLER

JOB NO. JST0062

CONTRACT ID.

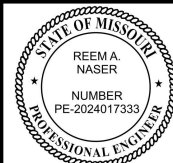
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CONCRETE ALTERNATIVE  
TYPICAL SECTIONS  
SHEET 5 OF 8

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ROUTE 67 STATE MO

DISTRICT SE SHEET NO. 2

COUNTY BUTLER

JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MoDOT

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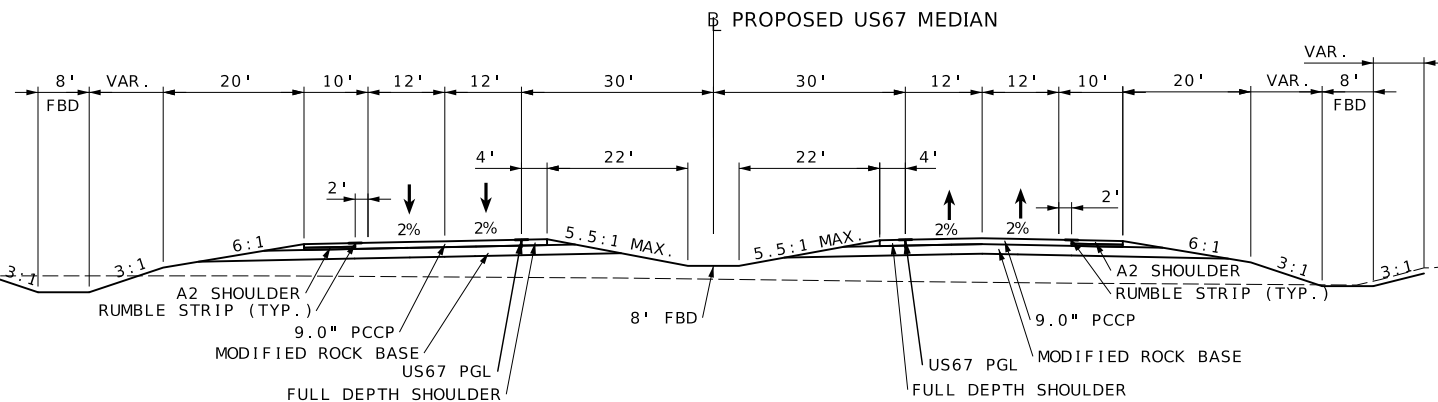
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CONCRETE ALTERNATIVE

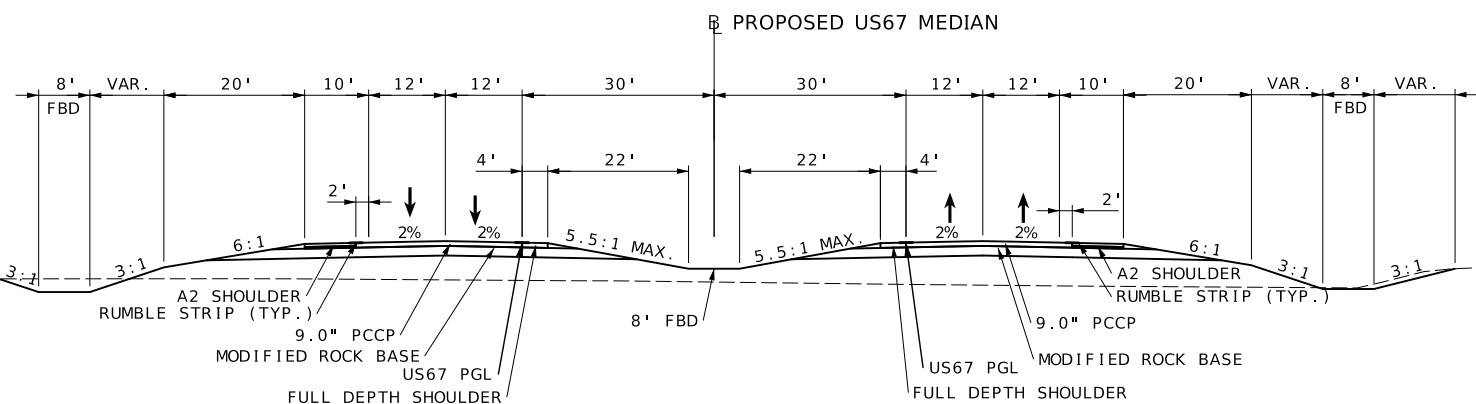
TYPICAL SECTIONS

SHEET 6 OF 8

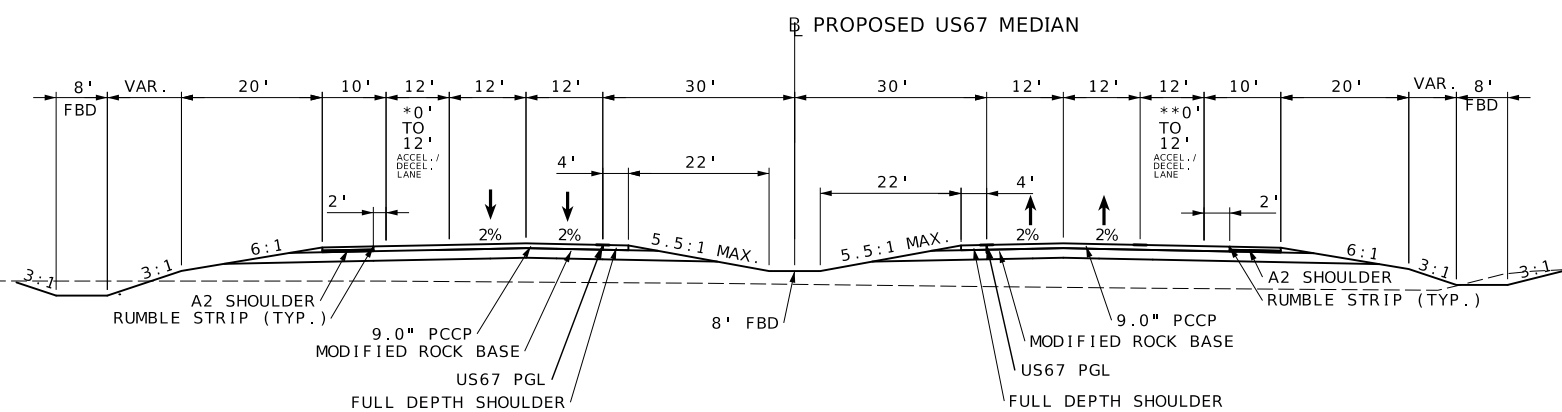
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3 TYPICAL SUPER ELEVATION SECTION RTE. 67  
STA. 1011+00.00 TO 1086+60.00



4 TYPICAL SECTION RTE. 67  
STA. 1086+60.00 TO 1137+71.54



5 TYPICAL SECTION RTE. 67  
STA. 1137+71.54 TO 1147+31.11

\* 0' TO 12' (NB RAMP ACCEL. LANE)  
STA. 1137+71.54 TO 1140+46.52

\*\* 0' TO 12' (SB RAMP DECEL. LANE)  
STA. 1140+24.49 TO 1142+53.62

STATE OF MISSOURI  
REEM A. NASER  
NUMBER  
PE-2024017333  
PROFESSIONAL ENGINEER

*Reem A. Naser*

DATE PREPARED

|           |       |
|-----------|-------|
| 7/12/2020 |       |
| DATE      | STATE |

|           |  |
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| MO        |  |
| SHEET NO. |  |

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| COUNTY |   |

BUTLER  
JOB NO.

131006Z

BOULEVARD

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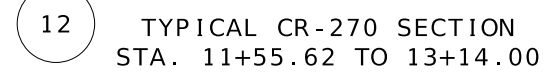
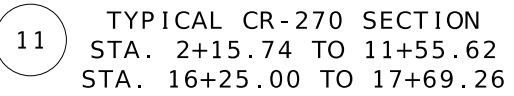
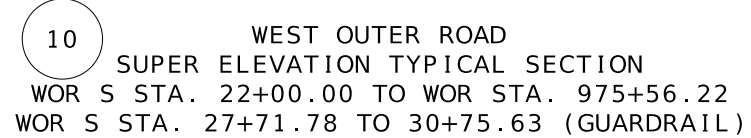
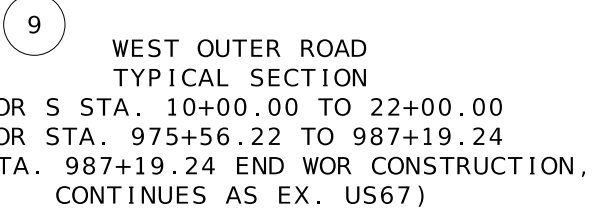
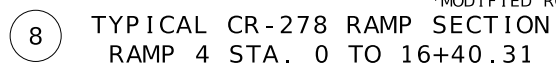
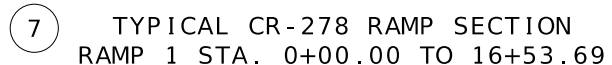
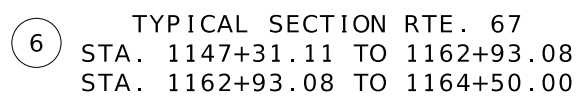
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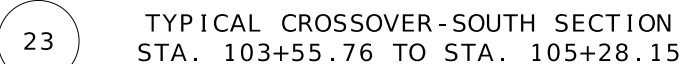
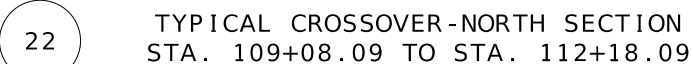
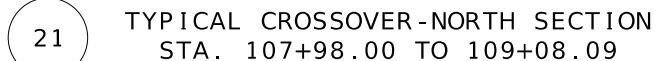
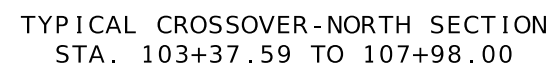
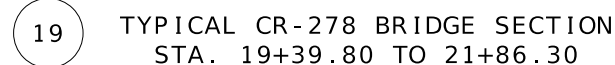
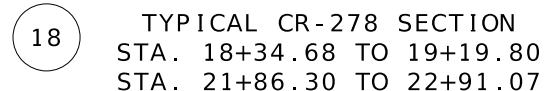
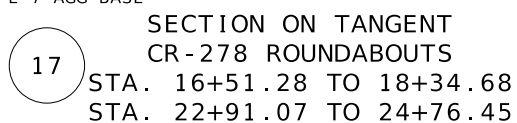
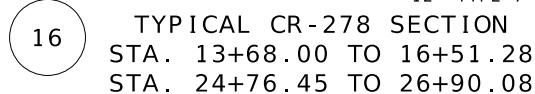
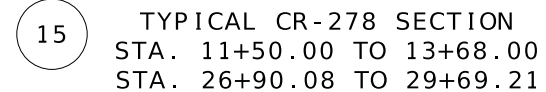
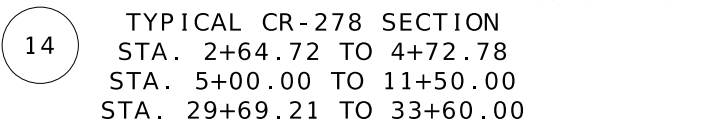
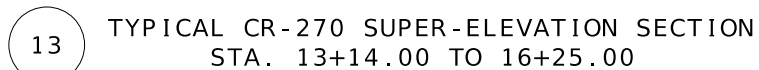
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ENGINEERING CORPORATION - 000631



# CONCRETE ALTERNATIVE TYPICAL SECTIONS SHEET 7 OF 8





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STATE OF MISSOURI  
REEM A.  
NASER  
NUMBER  
PE-2024017333  
PROFESSIONAL ENGINEER

*Reem A. Naser*

08/12/2026 11:14:41 PM  
Reem A. Naser - Civil  
MO PE - 2024017333

DATE PREPARED  
8 / 12 / 2026

|          |           |
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| DISTRICT | SHEET NO. |
| S.F      | 3         |

BUTLER  
JOB NO.  
1670063

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| PROJECT NO. |
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| EARTHWORK (MODOT) |              |            |                 |            |                 |                           |                            |                              |                         |                           |                              |                                                    |
|-------------------|--------------|------------|-----------------|------------|-----------------|---------------------------|----------------------------|------------------------------|-------------------------|---------------------------|------------------------------|----------------------------------------------------|
| SHEET             | FROM STATION | TO STATION | BASELINE        | CUT (CUYD) | FILL (CUYD)     | CLASS A EXCAVATION (CUYD) | EMBANKMENT IN PLACE (CUYD) | COMPACTING EMBANKMENT (CUYD) | COMPACTING IN CUT (STA) | CLASS 3 EXCAVATION (CUYD) | LINEAR GRADING CLASS 1 (STA) | REMARKS                                            |
| 4                 | 2+15.85      | 17+69.26   | CR-270          | 4305       | 50              |                           |                            |                              |                         |                           |                              | Includes WOR-S & EX. 67 Intersections              |
| 4                 | 983+50.00    | 985+00.00  | US67_3661       | 365        | 86              |                           |                            |                              |                         |                           |                              |                                                    |
| 5                 | 991+00       |            | US67_3661       | 730        | 2,920           |                           |                            |                              |                         |                           |                              | Pond removal (LT)                                  |
| 5                 | 985+00.00    | 1012+00.00 | US67_3661       | 14,607     | 28,499          |                           |                            |                              | 8.0                     |                           |                              | Includes outer roads                               |
| 6                 | 1012+00.00   | 1039+00.00 | US67_3661       | 15,702     | 14,643          |                           |                            |                              | 20.0                    |                           |                              | Includes outer roads                               |
| 7                 | 1039+00.00   | 1066+00.00 | US67_3661       | 7,522      | 24,686          |                           |                            |                              | 1.0                     |                           |                              | Includes outer roads                               |
| 8                 | 1066+00.00   | 1085+00.00 | US67_3661       | 4,794      | 14,576          |                           |                            |                              |                         |                           |                              | Includes outer roads                               |
| 8                 | 1085+00.00   | 1093+00.00 | US67_3661       | 3,470      | 5,177           |                           |                            |                              |                         |                           |                              |                                                    |
| 9                 | 1093+00.00   | 1120+00.00 | US67_3661       | 4,657      | 55,135          |                           |                            |                              |                         |                           |                              |                                                    |
| 10                | 1120+00.00   | 1140+00.00 | US67_3661       | 1,894      | 35,017          |                           |                            |                              |                         |                           |                              |                                                    |
| 10                | 1140+00.00   | 1147+00.00 | US67_3661       | 928        | 10,698          |                           |                            |                              |                         |                           |                              | PR. US-67 Only, Does not include CR278 Ramps 1 & 4 |
| 11                | 1147+00.00   | 1162+93.08 | US67_3661       | 3          | 21,524          |                           |                            |                              |                         |                           |                              | PR. US-67 Only, Does not include CR278 Ramps 1 & 4 |
| 10&11             | 0+00.00      | 15+80.26   | CR-278 RAMP 1   | 5,766      | 31,311          |                           |                            |                              |                         |                           |                              | CR278 Ramp 1 Only                                  |
| 10&11             | 0+00.00      | 15+66.00   | CR-278 RAMP 4   | 9,889      | 33,451          |                           |                            |                              |                         |                           |                              | CR278 Ramp 4 Only                                  |
| 11&12             | 2+95.00      | 33+60.00   | CR-278 & CR278W | 4,531      | 79,342          |                           |                            |                              |                         |                           |                              | CR278 & CR278W; CR278 Roundabouts East & West      |
|                   | 2+00         |            | MO-ARK DITCH    | 881        | 54              |                           |                            |                              |                         |                           |                              | MOARK DITCH, RAMP 1 RT                             |
|                   |              |            | SUBTOTAL        | 80,044     | 357,169         | 80,044                    | 289,132                    | 68,037                       |                         |                           |                              |                                                    |
|                   |              |            |                 |            |                 |                           |                            |                              |                         |                           |                              |                                                    |
| 7                 | 1039+89.60   | 1040+19.99 | CR-272 Ent      |            |                 |                           |                            |                              |                         |                           | 0.7                          |                                                    |
| TC10              | 1000+54.00   | 1002+63.00 | US67_3661       |            |                 |                           |                            |                              |                         |                           | 2.1                          |                                                    |
| TC15              | 1002+63.00   | 1007+40.00 | US67_3661       |            |                 |                           |                            |                              |                         |                           | 4.9                          |                                                    |
|                   |              |            |                 |            |                 |                           |                            |                              |                         |                           |                              | ALL QUANTITIES ASSUME 15% SHRINK WHEN RECOMPACTING |
|                   |              |            |                 |            |                 |                           |                            |                              |                         | 947                       |                              | SUBTOTAL DRAINAGE PIPES                            |
|                   |              |            |                 |            |                 |                           |                            |                              |                         | 40                        |                              | SUBTOTAL DRAINAGE STRUCTURES                       |
|                   |              |            | US67 + CR278    |            |                 | 38,547.00                 |                            |                              |                         |                           |                              | *ASSUMED 50% REMEDIATION FOR PROOFROLLED AREAS     |
|                   |              |            |                 |            |                 |                           |                            |                              |                         |                           |                              |                                                    |
|                   |              |            |                 |            | MODOT SUBTOTALS | 118,591                   | 289,132                    | 68,037                       | 29.0                    | 987                       | 7.7                          |                                                    |
|                   |              |            |                 |            | ARDOT SUBTOTALS | 8,149                     | 76,827                     | 3,857                        | 0                       | 129                       | 0                            |                                                    |
|                   |              |            |                 |            | TOTALS          | 126,739                   | 365,958                    | 71,894                       | 29                      | 1,116                     | 8                            |                                                    |

| EARTHWORK (ARDOT) |              |            |              |            |             |                           |                            |                              |                         |                           |                              |                                                    |
|-------------------|--------------|------------|--------------|------------|-------------|---------------------------|----------------------------|------------------------------|-------------------------|---------------------------|------------------------------|----------------------------------------------------|
| SHEET             | FROM STATION | TO STATION | BASELINE     | CUT (CUYD) | FILL (CUYD) | CLASS A EXCAVATION (CUYD) | EMBANKMENT IN PLACE (CUYD) | COMPACTING EMBANKMENT (CUYD) | COMPACTING IN CUT (STA) | CLASS 3 EXCAVATION (CUYD) | LINEAR GRADING CLASS 1 (STA) | REMARKS                                            |
| 11                | 1162+93.08   | 1164+50.00 | US67_3661    | 7          | 1,342       |                           |                            |                              |                         |                           |                              |                                                    |
| 11&12             | 2+95.00      | 33+60.00   | CR-278       | 4,531      | 79,342      |                           |                            |                              |                         |                           |                              | CR278 & CR278W; CR278 Roundabouts East & West      |
|                   |              |            | SUBTOTAL     | 4,538      | 80,684      | 4,538                     | 76,827                     | 3,857                        |                         |                           |                              |                                                    |
|                   |              |            |              |            |             |                           |                            |                              |                         |                           |                              |                                                    |
|                   |              |            |              |            |             |                           |                            |                              |                         |                           |                              |                                                    |
|                   |              |            |              |            |             |                           |                            |                              |                         |                           |                              | ALL QUANTITIES ASSUME 15% SHRINK WHEN RECOMPACTING |
|                   |              |            |              |            |             |                           |                            |                              |                         | 129                       |                              | SUBTOTAL DRAINAGE PIPES                            |
|                   |              |            |              |            |             |                           |                            |                              |                         |                           |                              | SUBTOTAL DRAINAGE STRUCTURES                       |
|                   |              |            | US67 + CR278 |            |             | 3,611.00                  |                            |                              |                         |                           |                              | *ASSUMED 50% REMEDIATION FOR PROOFROLLED AREAS     |
|                   |              |            |              |            |             |                           |                            |                              |                         |                           |                              |                                                    |
| ARDOT SUBTOTALS   |              |            |              |            |             | 8,149                     | 76,827                     | 3,857                        | 0.0                     | 129                       | 0.0                          |                                                    |

SHEET 2 OF 21

TRAFFIC CONTROL SHEET

SIGN

SIZE (IN)

AREA (SF)

QTY (EA)

TOTAL AREA (SF)

ARK QTY (EA)

ARK TOTAL AREA (SF)

SIGN NUMBER

DESCRIPTION

|         |         |         |      |                                    |       |   |       |     |                                |
|---------|---------|---------|------|------------------------------------|-------|---|-------|-----|--------------------------------|
| 9       | SPECIAL | 36 X 78 | 19.5 | 3                                  | 58.5  |   |       | 50A | DETOUR EAST 270, STRAIGHT      |
| 9       | SPECIAL | 36 X 78 | 19.5 | 2                                  | 39.0  |   |       | 50B | DETOUR EAST 270, ADV RIGHT     |
| 9       | SPECIAL | 36 X 78 | 19.5 | 3                                  | 58.5  |   |       | 50C | DETOUR EAST 270, RIGHT         |
| 9       | SPECIAL | 36 X 78 | 19.5 | 2                                  | 39.0  |   |       | 50D | DETOUR EAST 270, ADV LEFT      |
| 9       | SPECIAL | 36 X 78 | 19.5 | 2                                  | 39.0  |   |       | 50E | DETOUR EAST 270, LEFT          |
| 9       | SPECIAL | 36 X 78 | 19.5 | 4                                  | 78.0  |   |       | 50F | DETOUR WEST 270, STRAIGHT      |
| 9       | SPECIAL | 36 X 78 | 19.5 | 1                                  | 19.5  |   |       | 50G | DETOUR WEST 270, ADV RIGHT     |
| 9       | SPECIAL | 36 X 78 | 19.5 | 1                                  | 19.5  |   |       | 50H | DETOUR WEST 270, RIGHT         |
| 9       | SPECIAL | 36 X 78 | 19.5 | 2                                  | 39.0  |   |       | 50J | DETOUR WEST 270, ADV LEFT      |
| 9       | SPECIAL | 36 X 78 | 19.5 | 2                                  | 39.0  |   |       | 50K | DETOUR WEST 270, LEFT          |
| 14 & 25 | SPECIAL | 36 X 78 | 19.5 | 3                                  | 58.5  | 3 | 58.5  | 60A | DETOUR EAST 278, STRAIGHT      |
| 14 & 25 | SPECIAL | 36 X 78 | 19.5 | 2                                  | 39.0  | 1 | 19.5  | 60B | DETOUR EAST 278, ADV RIGHT     |
| 14 & 25 | SPECIAL | 36 X 78 | 19.5 | 2                                  | 39.0  | 1 | 19.5  | 60C | DETOUR EAST 278, RIGHT         |
| 14 & 25 | SPECIAL | 36 X 78 | 19.5 | 0                                  | 0.0   | 2 | 39.0  | 60D | DETOUR EAST 278, ADV LEFT      |
| 14 & 25 | SPECIAL | 36 X 78 | 19.5 | 0                                  | 0.0   | 2 | 39.0  | 60E | DETOUR EAST 278, LEFT          |
| 14 & 25 | SPECIAL | 36 X 78 | 19.5 | 3                                  | 58.5  | 2 | 39.0  | 60F | DETOUR WEST 278, STRAIGHT      |
| 14 & 25 | SPECIAL | 36 X 78 | 19.5 | 1                                  | 19.5  | 2 | 39.0  | 60G | DETOUR WEST 278, ADV RIGHT     |
| 14 & 25 | SPECIAL | 36 X 78 | 19.5 | 1                                  | 19.5  | 2 | 39.0  | 60H | DETOUR WEST 278, RIGHT         |
| 14 & 25 | SPECIAL | 36 X 78 | 19.5 | 2                                  | 39.0  | 1 | 19.5  | 60J | DETOUR WEST 278, ADV LEFT      |
| 14 & 25 | SPECIAL | 36 X 78 | 19.5 | 2                                  | 39.0  | 1 | 19.5  | 60K | DETOUR WEST 278, LEFT          |
| 25      | SPECIAL | 36 X 78 | 19.5 |                                    |       | 1 | 19.5  | 60L | DETOUR EAST 278, ADV 45 RIGHT  |
| 25      | SPECIAL | 36 X 78 | 19.5 |                                    |       | 1 | 19.5  | 60M | DETOUR EAST 278, 45 RIGHT      |
| 25      | SPECIAL | 36 X 78 | 19.5 |                                    |       | 1 | 19.5  | 60P | DETOUR WEST 278, ADV 45 RIGHT  |
| 25      | SPECIAL | 36 X 78 | 19.5 |                                    |       | 1 | 19.5  | 60R | DETOUR WEST 278, 45 RIGHT      |
| 21 & 25 | SPECIAL | 30 X 30 | 6.25 | 2                                  | 12.5  | 2 | 12.5  | 61A | DETOUR OLD US 67, STRAIGHT     |
| 21 & 25 | SPECIAL | 30 X 30 | 6.25 | 1                                  | 6.25  | 1 | 6.25  | 61B | DETOUR OLD US 67, ADV RIGHT    |
| 21 & 25 | SPECIAL | 30 X 30 | 6.25 | 1                                  | 6.25  | 3 | 18.75 | 61C | DETOUR OLD US 67, RIGHT        |
| 21 & 25 | SPECIAL | 30 X 30 | 6.25 | 4                                  | 25.0  | 2 | 12.5  | 61D | DETOUR OLD US 67, ADV LEFT     |
| 21 & 25 | SPECIAL | 30 X 30 | 6.25 | 4                                  | 25.0  | 2 | 12.5  | 61E | DETOUR OLD US 67, LEFT         |
| 25      | SPECIAL | 48 X 48 | 16   | 1                                  | 16.0  | 1 | 16.0  | 61F | DETOUR OLD US 67, STRAIGHT     |
| 21      | SPECIAL | 48 X 48 | 16   | 1                                  | 16.0  |   |       | 61G | DETOUR OLD US 67, ADV 45 RIGHT |
| 21      | SPECIAL | 48 X 48 | 16   | 1                                  | 16.0  |   |       | 61H | DETOUR OLD US 67, 45 RIGHT     |
|         |         |         |      | SUBTOTALS                          | 864.0 |   | 488.0 |     |                                |
|         |         |         |      | TOTAL * SEE PAY TOTAL ON 2BS SHEET |       |   |       |     |                                |

TEMPORARY PAVEMENT MARKING

| LOCATION             | TRAFFIC CONTROL STAGE | TEMPORARY REMOVABLE MARKING TAPE 4 IN., WHITE (LF) | TEMPORARY REMOVABLE MARKING TAPE 4 IN., YELLOW (LF) | PAVEMENT MARKING REMOVAL (LF) |
|----------------------|-----------------------|----------------------------------------------------|-----------------------------------------------------|-------------------------------|
| EX US 67 @ CR270     | STAGE 1               | 1275                                               | 1278                                                | 3831                          |
| EX US 67 @ CROSSOVER | STAGE 1               | 2489                                               | 2336                                                | 7161                          |
|                      |                       | 3,764                                              | 3,614                                               | 10,992                        |

MISCELLANEOUS

| DISPOSAL AND PLUGGING OF WELLS (EA) | MOBILIZATION (LS) | SETTLEMENT GAUGES (EA) | PROOF ROLLING (MODOT) (LF) | PROOF ROLLING (ARDOT) (LF) | DRAINING PONDS (EA) | MISC. DEWATERING (LS) | ADDITIONAL MOBILIZATION FOR SEEDING (EA) | CONTRACTOR FURNISHED SURVEYING AND STAKING (LS) |
|-------------------------------------|-------------------|------------------------|----------------------------|----------------------------|---------------------|-----------------------|------------------------------------------|-------------------------------------------------|
| 1                                   | 1                 | 4                      | 11014*                     | 1032*                      | 1                   | 1                     | 15                                       | 1                                               |

\*PROOFROLLING REFLECTS 60% OF TOTAL PROJECT LENGTH

DISCLAIMER

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CLEARING AND GRUBBING (ArDOT)

| PLAN SHEET     | FROM STATION | TO STATION | BASELINE | LOCATION | CLEARING AND GRUBBING (ACRE) | REMARKS |
|----------------|--------------|------------|----------|----------|------------------------------|---------|
| 11             | 17+80        | 23+23      | CR-278   | RT       | 0.50                         |         |
| ARDOT SUBTOTAL |              |            |          |          | 0.50                         |         |

CLEARING AND GRUBBING (MoDOT)

| PLAN SHEET     | FROM STATION | TO STATION | BASELINE | LOCATION | CLEARING AND GRUBBING (ACRE) | REMARKS |
|----------------|--------------|------------|----------|----------|------------------------------|---------|
| 4              | 982+57.00    | 985+00.00  | US 67    | LT       | 0.42                         |         |
| 4-5            | 981+91.00    | 995+19.50  | US 67    | LT/RT    | 3.62                         |         |
| 5              | 996+21.05    | 1004+88.50 | US 67    | LT       | 1.55                         |         |
| 6              | 1027+33.00   | 1032+40.00 | US 67    | LT/RT    | 0.94                         |         |
| 6              | 1033+18.50   | 1037+42.0  | US 67    | LT       | 0.33                         |         |
| MODOT SUBTOTAL |              |            |          |          | 7.0                          |         |
| ARDOT SUBTOTAL |              |            |          |          | 0.5                          |         |
| TOTALS         |              |            |          |          | 7.5                          |         |

STATE OF MISSOURI

REEM A NASER

NUMBER PE-2024017333

PROFESSIONAL ENGINEER

Reem A. Naser

08/12/2026 11:14:41 PM

Reem A. Naser - Civil

MO PE - 2024017333

DATE PREPARED

8/12/2026

ROUTE 67

STATE MO

DISTRICT SE

SHEET NO. 3

COUNTY BUTLER

JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL JEFFERSON CITY, MO 65102

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

CMT

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CRAWFORD, MURPHY & TILLY, INC.

1631 WEST ELFINDALE STREET

SPRINGFIELD, MO 65807 (417) 869-6009

ENGINEERING CORPORATION - 000631

SUMMARY OF QUANTITIES

SHEET 3 OF 21

pw://cmtengr-pw.bentley.com:cmt-connect-projects/Documents/MoDOT/US67 Freeway Conversion - Phase 3/040908/Roadway/Sheets/ST0062 Current Plans/003\_QU\_01-XX\_JST0062\_11.dgn 11:07:21 PM 8/12/2026







| ALTERNATE F (CONCRETE) PAVEMENT (MODOT) |              |            |          |                 |                                                                  |                        |
|-----------------------------------------|--------------|------------|----------|-----------------|------------------------------------------------------------------|------------------------|
| SHEET                                   | FROM STATION | TO STATION | BASELINE | LOCATION        | CONCRETE PAVEMENT (8 ½ IN. NON-REINFORCED, 15 FT. JOINTS) (SQYD) | REMARKS                |
| 12                                      | 2+64.72      | 4+87.70    | CR-278W  | RT / LT         | 399.2                                                            |                        |
| 12                                      | 5+12.01      | 11+00.00   | CR-278   | RT / LT         | 1326.5                                                           |                        |
| 11                                      | 11+00.00     | 18+99.80   | CR-278   | RT / LT         | 1909.9                                                           | West side up to bridge |
| 11                                      | 22+26.30     | 30+00.00   | CR-278   | RT / LT         | 1842.0                                                           | East side up to bridge |
| 12                                      | 30+00.00     | 33+60.00   | CR-278   | RT / LT         | 772.2                                                            |                        |
|                                         |              |            |          |                 |                                                                  |                        |
|                                         |              |            |          | MODOT SUBTOTALS | 6,249.9                                                          |                        |
|                                         |              |            |          | ARDOT SUBTOTALS | 6,249.9                                                          |                        |
|                                         |              |            |          | TOTALS          | 12499.8*                                                         |                        |

Note: Alternate 'F' and Alternate 'N' are identical pavement alternates; different designations are used to distinguish MoDOT and ARDOT quantities.

\*CR278 PAVEMENT SPLIT % BETWEEN MO-AR

| ALTERNATE N (CONCRETE) PAVEMENT (ARDOT) |              |            |          |                 |                                                                  |                        |
|-----------------------------------------|--------------|------------|----------|-----------------|------------------------------------------------------------------|------------------------|
| SHEET                                   | FROM STATION | TO STATION | BASELINE | LOCATION        | CONCRETE PAVEMENT (8 ½ IN. NON-REINFORCED, 15 FT. JOINTS) (SQYD) | REMARKS                |
| 12                                      | 2+64.72      | 4+87.70    | CR-278W  | RT / LT         | 399.2                                                            |                        |
| 12                                      | 5+12.01      | 11+00.00   | CR-278   | RT / LT         | 1326.5                                                           |                        |
| 11                                      | 11+00.00     | 18+99.80   | CR-278   | RT / LT         | 1909.9                                                           | West side up to bridge |
| 11                                      | 22+26.30     | 30+00.00   | CR-278   | RT / LT         | 1842.0                                                           | East side up to bridge |
| 12                                      | 30+00.00     | 33+60.00   | CR-278   | RT / LT         | 772.2                                                            |                        |
|                                         |              |            |          |                 |                                                                  |                        |
|                                         |              |            |          | ARDOT SUBTOTALS | 6,249.9                                                          |                        |

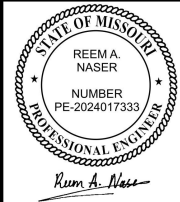
Note: Alternate 'F' and Alternate 'N' are identical pavement alternates; different designations are used to distinguish MoDOT and ARDOT quantities.

\*CR278 PAVEMENT SPLIT % BETWEEN MO-AR

| ALTERNATE G (ASPHALT) PAVEMENT (MODOT) |              |              |          |          |                                      |         |
|----------------------------------------|--------------|--------------|----------|----------|--------------------------------------|---------|
| SHEET                                  | FROM STATION | TO STATION   | BASELINE | LOCATION | 7 INCHES, BITUMINOUS PAVEMENT (SQYD) | REMARKS |
| 4                                      | 2+15.74      | 17+69.26     | CR-270   | RT / LT  | 5205.6                               |         |
| 4                                      | 10+00.00     | 13+50.18     | S WOR    | RT / LT  | 1,503.7                              |         |
| 5                                      | 13+50.18     | 976+58.17 R2 | S WOR    | RT / LT  | 8,134.2                              |         |
| 6                                      | 976+58.17 R2 | 987+19.24 R2 | S WOR    | RT / LT  | 3,416.6                              |         |
|                                        |              |              |          |          |                                      |         |
|                                        |              |              |          | TOTALS   | 18,260.1                             |         |

| ALTERNATE H (CONCRETE) PAVEMENT (MODOT) |              |              |          |          |                                             |         |
|-----------------------------------------|--------------|--------------|----------|----------|---------------------------------------------|---------|
| SHEET                                   | FROM STATION | TO STATION   | BASELINE | LOCATION | CONCRETE PAVEMENT ( 7 IN. NON-REINF) (SQYD) | REMARKS |
| 4                                       | 2+15.74      | 17+69.26     | CR-270   | RT / LT  | 5205.6                                      |         |
| 4                                       | 10+00.00     | 13+50.18     | S WOR    | RT / LT  | 1503.7                                      |         |
| 5                                       | 13+50.18     | 976+58.17 R2 | S WOR    | RT / LT  | 8134.2                                      |         |
| 6                                       | 976+58.17 R2 | 987+19.24 R2 | S WOR    | RT / LT  | 3416.6                                      |         |
|                                         |              |              |          |          |                                             |         |
|                                         |              |              |          | TOTALS   | 18,260.1                                    |         |

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DATE PREPARED  
08/12/2026 11:14:41 PM  
Reem A. Naser - Civil  
MO PE - 2024017333

8/12/2026

|                |                |
|----------------|----------------|
| ROUTE<br>67    | STATE<br>MO    |
| DISTRICT<br>SE | SHEET NO.<br>3 |

COUNTY  
BUTLER

JOB NO.  
JST0062

CONTRACT ID.  
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PROJECT NO.  
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BRIDGE NO.  
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| 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)



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CRAWFORD, MURPHY & TILLY, INC.  
1631 WEST ELFINDALE STREET  
SPRINGFIELD, MO 65807 (417) 869-6009  
ENGINEERING CORPORATION - 000631

SUMMARY OF QUANTITIES

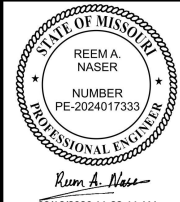


| BASE (MODOT) |              |              |              |                |                                                              |                                       |                                                                    |                                    |                                                                    |
|--------------|--------------|--------------|--------------|----------------|--------------------------------------------------------------|---------------------------------------|--------------------------------------------------------------------|------------------------------------|--------------------------------------------------------------------|
| SHEET        | FROM STATION | TO STATION   | BASELINE     | LOCATION       | TYPE 7<br>AGGREGATE FOR<br>BASE (4 IN. THICK)<br>*<br>(SQYD) | MODIFIED ROCK<br>BASE<br>**<br>(SQYD) | RIGID GEOGRID TO<br>ENHANCE<br>AGGREGATE OR<br>ROCK BASE<br>(SQYD) | SEPARATION<br>GEOTEXTILE<br>(SQYD) | REMARKS                                                            |
|              |              |              |              |                |                                                              |                                       |                                                                    |                                    |                                                                    |
| 5            | 995+00.00    | 1012+00.00   | US67_3661    | RT             |                                                              | 6,523.7                               | 5,950                                                              | 5,950                              | ALTERNATE A/B PAVEMENTS (MODOT)<br>ALTERNATE I/J PAVEMENTS (ARDOT) |
| 5            | 996+21.36    | 1004+69.00   | US67_3661    | LT             |                                                              | 2,642.1                               | 2,967                                                              | 2,967                              |                                                                    |
| 5            | 1004+69.00   | 1012+00.00   | US67_3661    | LT             |                                                              | 2,824.7                               | 2,559                                                              | 2,559                              |                                                                    |
| 6            | 1012+00.00   | 1039+00.00   | US67_3661    | RT             |                                                              | 10,448.7                              | 9,450                                                              | 9,450                              |                                                                    |
| 6            | 1012+00.00   | 1039+00.00   | US67_3661    | LT             |                                                              | 10,045.8                              | 9,450                                                              | 9,450                              |                                                                    |
| 6            | 1013+22.68   | 1021+91.89   | US67_3661    | RT/LT          |                                                              | 1,890.3                               | 3,042                                                              | 3,042                              |                                                                    |
| 7            | 1039+00.00   | 1066+00.00   | US67_3661    | RT             |                                                              | 10,425.0                              | 9,450                                                              | 9,450                              |                                                                    |
| 7            | 1039+00.00   | 1066+00.00   | US67_3661    | LT             |                                                              | 10,425.0                              | 9,450                                                              | 9,450                              |                                                                    |
| 8            | 1066+00.00   | 1093+00.00   | US67_3661    | RT             |                                                              | 10,425.0                              | 9,450                                                              | 9,450                              |                                                                    |
| 8            | 1066+00.00   | 1093+00.00   | US67_3661    | LT             |                                                              | 10,425.0                              | 9,450                                                              | 9,450                              |                                                                    |
| 9            | 1093+00.00   | 1120+00.00   | US67_3661    | RT             |                                                              | 10,425.0                              | 9,450                                                              | 9,450                              |                                                                    |
| 9            | 1093+00.00   | 1120+00.00   | US67_3661    | LT             |                                                              | 10,425.0                              | 9,450                                                              | 9,450                              |                                                                    |
| 10           | 1120+00.00   | 1147+00.00   | US67_3661    | RT             |                                                              | 11,116.7                              | 9,450                                                              | 9,450                              |                                                                    |
| 10           | 1120+00.00   | 1147+00.00   | US67_3661    | LT             |                                                              | 11,394.4                              | 9,450                                                              | 9,450                              |                                                                    |
| 11           | 0+96.34      | 15+80.26     | CR278_R1     | RT/LT          |                                                              | 3,676.7                               | 5,194                                                              | 5,194                              |                                                                    |
| 11           | 0+96.71      | 15+66.00     | CR278_R4     | RT/LT          |                                                              | 3,838.2                               | 5,143                                                              | 5,143                              |                                                                    |
| 11           | 1147+00.00   | 1162+93.08   | US67_3661    | RT             |                                                              | 6,558.9                               | 5,576                                                              | 5,576                              |                                                                    |
| 11           | 1147+00.00   | 1162+93.08   | US67_3661    | LT             |                                                              | 6,151.1                               | 5,576                                                              | 5,576                              |                                                                    |
| 5            | 995+00.00    | 1012+00.00   | US67_3661    | RT             |                                                              | 2,392.7                               | 5,950                                                              | 5,950                              | ALTERNATE C/D SHOULDERS (MODOT)<br>ALTERNATE K/L SHOULDERS (ARDOT) |
| 5            | 1004+69.00   | 1012+00.00   | US67_3661    | LT             |                                                              | 1,040.8                               | 2,559                                                              | 2,559                              |                                                                    |
| 6            | 1012+00.00   | 1039+00.00   | US67_3661    | RT             |                                                              | 3,825.0                               | 9,450                                                              | 9,450                              |                                                                    |
| 6            | 1012+00.00   | 1039+00.00   | US67_3661    | LT             |                                                              | 3,825.0                               | 9,450                                                              | 9,450                              |                                                                    |
| 7            | 1039+00.00   | 1066+00.00   | US67_3661    | RT             |                                                              | 3,825.0                               | 9,450                                                              | 9,450                              |                                                                    |
| 7            | 1039+00.00   | 1066+00.00   | US67_3661    | LT             |                                                              | 3,825.0                               | 9,450                                                              | 9,450                              |                                                                    |
| 8            | 1066+00.00   | 1093+00.00   | US67_3661    | RT             |                                                              | 3,825.0                               | 9,450                                                              | 9,450                              |                                                                    |
| 8            | 1066+00.00   | 1093+00.00   | US67_3661    | LT             |                                                              | 3,825.0                               | 9,450                                                              | 9,450                              |                                                                    |
| 9            | 1093+00.00   | 1120+00.00   | US67_3661    | RT             |                                                              | 3,825.0                               | 9,450                                                              | 9,450                              |                                                                    |
| 9            | 1093+00.00   | 1120+00.00   | US67_3661    | LT             |                                                              | 3,825.0                               | 9,450                                                              | 9,450                              |                                                                    |
| 10           | 1120+00.00   | 1147+00.00   | US67_3661    | RT             |                                                              | 3,642.9                               | 9,450                                                              | 9,450                              |                                                                    |
| 10           | 1120+00.00   | 1147+00.00   | US67_3661    | LT             |                                                              | 3,555.5                               | 9,450                                                              | 9,450                              |                                                                    |
| 11           | 0+96.34      | 15+80.26     | CR278_R1     | RT             |                                                              | 1,912.3                               | 5,194                                                              | 5,194                              |                                                                    |
| 11           | 0+96.71      | 15+66.00     | CR278_R4     | LT             |                                                              | 1,908.5                               | 5,143                                                              | 5,143                              |                                                                    |
| 11           | 1149+17.01   | 1162+93.08   | US67_3661    | RT             |                                                              | 2,009.0                               | 4,816                                                              | 4,816                              |                                                                    |
| 11           | 1148+22.11   | 1162+93.08   | US67_3661    | LT             |                                                              | 1,934.3                               | 5,148                                                              | 5,148                              |                                                                    |
| 4            | 8+92.47      | 11+40.97     | CR-270       | LT             | 428                                                          |                                       |                                                                    |                                    | INCLUDES DRIVEWAY AGGREGATE                                        |
| 4            | 11+67.24     | 12+19.24     | CR-270       | LT             | 87                                                           |                                       |                                                                    |                                    |                                                                    |
| 4            | 12+87.48     | 13+15.98     | CR-270       | LT             | 54                                                           |                                       |                                                                    |                                    |                                                                    |
| 4            | 12+93.61     | 13+23.61     | CR-270       | RT             | 51                                                           |                                       |                                                                    |                                    |                                                                    |
| 4            | 14+03.60     | 14+41.60     | CR-270       | LT             | 75                                                           |                                       |                                                                    |                                    |                                                                    |
| 4            | 15+20.04     | 16+30.19     | CR-270       | LT             | 492                                                          |                                       |                                                                    |                                    |                                                                    |
| 5            | 23+80.51     | 24+40.83     | WOR-S        | RT             | 434                                                          |                                       |                                                                    |                                    |                                                                    |
| 48           | 1038+48.30   | 1039+32.33   | US-67        | LT             | 265                                                          |                                       |                                                                    |                                    |                                                                    |
| 11           | 12+58.09     | 12+99.43     | CR278        | LT             | 576                                                          |                                       |                                                                    |                                    |                                                                    |
| 11           | 13+25.37     | 13+94.92     | CR278        | LT             | 656                                                          |                                       |                                                                    |                                    |                                                                    |
| 12           | 6+71.54      | 7+51.54      | CR278        | LT             | 407                                                          |                                       |                                                                    |                                    |                                                                    |
| 12           | 10+27.25     | 10+61.63     | CR278        | LT             | 128                                                          |                                       |                                                                    |                                    |                                                                    |
| 12           | 31+59.56     | 32+29.56     | CR278        | LT             | 455                                                          |                                       |                                                                    |                                    |                                                                    |
| 12           | 2+64.72      | 4+87.70      | CR-278W      | RT / LT        | 599                                                          |                                       |                                                                    |                                    |                                                                    |
| 12           | 5+12.01      | 11+00.00     | CR-278       | RT / LT        | 1990                                                         |                                       |                                                                    |                                    |                                                                    |
| 11           | 11+00.00     | 18+99.80     | CR-278       | RT / LT        | 2865                                                         |                                       |                                                                    |                                    | ALTERNATE E/F PAVEMENT<br>ALTERNATE M/N PAVEMENT<br>(50/50 MO-AR)  |
| 11           | 22+26.30     | 30+00.00     | CR-278       | RT / LT        | 2763                                                         |                                       |                                                                    |                                    |                                                                    |
| 12           | 30+00.00     | 33+60.00     | CR-278       | RT / LT        | 1158                                                         |                                       |                                                                    |                                    |                                                                    |
| 4            | 2+15.74      | 17+69.26     | CR-270       | RT / LT        | 15617                                                        |                                       |                                                                    |                                    |                                                                    |
| 4            | 10+00.00     | 13+50.18     | S WOR        | RT / LT        | 4511                                                         |                                       |                                                                    |                                    | ALTERNATE G/H PAVEMENT                                             |
| 5            | 13+50.18     | 976+58.17 R2 | S WOR        | RT / LT        | 24403                                                        |                                       |                                                                    |                                    |                                                                    |
| 6            | 976+58.17 R2 | 987+19.24 R2 | S WOR        | RT / LT        | 10250                                                        |                                       |                                                                    |                                    |                                                                    |
| 20           | 16+68.46     | 18+15.88     | CR278        | CT             | 254                                                          |                                       |                                                                    |                                    |                                                                    |
| 20           | 23+11.50     | 24+59.43     | CR278        | CT             | 255                                                          |                                       |                                                                    |                                    | TRUCK APRON, 6" LAYER<br>(50/50 MO-AR)                             |
|              |              |              |              |                |                                                              |                                       |                                                                    |                                    |                                                                    |
|              |              |              | US67 + CR278 |                |                                                              | 38,547                                |                                                                    | 38,547                             | *ASSUMED 50% REMEDIATION FOR PROOFROLLED AREAS                     |
|              |              |              |              |                |                                                              |                                       |                                                                    |                                    |                                                                    |
|              |              |              |              | MODOT SUBTOTAL | 68,772                                                       | 227,204                               | 253,815                                                            | 292,362                            |                                                                    |
|              |              |              |              | ARDOT SUBTOTAL | 10,278                                                       | 7,429                                 | 2,197                                                              | 5,808                              |                                                                    |
|              |              |              |              | TOTAL          | 79,050                                                       | 234,633                               | 256,012                                                            | 298,170                            |                                                                    |

\*USING PAY ITEM "TYPE 7 AGGREGATE FOR BASE (4 IN. THICK)" AND TRIPLING QUANTITY TO ACCOUNT FOR 12 IN. LAYER OF TYPE 7 AGGREGATE FOR BASE

\*\*MODIFIED ROCK BASE QUANTITY BASED OFF OF CONCRETE PAVEMENT OPTION

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Reem A. Naser - Civil  
MO PE - 2024017333

DATE PREPARED

8/13/2026

ROUTE 67 STATE MO

DISTRICT SE SHEET NO. 3

COUNTY BUTLER

JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL JEFFERSON CITY, MO 65102

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

CMT

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CRAWFORD, MURPHY, & TILLY, INC.

1631 WEST ELFINDALE STREET

SPRINGFIELD, MO 65807 (417) 869-6009

ENGINEERING CORPORATION - 000631

SUMMARY OF QUANTITIES

SHEET 8 OF 21

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





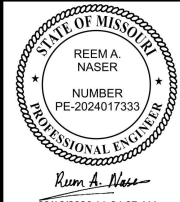


| GUARDRAIL (ARDOT) |              |            |           |          |                    |                                                        |                                                               |                                             |                     |         |
|-------------------|--------------|------------|-----------|----------|--------------------|--------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------|---------------------|---------|
| SHEET             | FROM STATION | TO STATION | BASELINE  | LOCATION | MGS GUARDRAIL (LF) | MGS GUARDRAIL, 8 FT. POSTS, 6 FT. - 3 IN. SPACING (LF) | MGS BRIDGE APPROACH TRANSITION SECTION (REGULAR/NO CURB) (EA) | TYPE A CRASHWORTHY END TERMINAL (MASH) (EA) | MGS END ANCHOR (EA) | REMARKS |
|                   |              |            |           |          |                    |                                                        |                                                               |                                             |                     |         |
| 11                | 1162+61.36   | 1164+50.00 | US67_3661 | LT       | 174                |                                                        |                                                               |                                             | 1                   |         |
| 11                | 18+34.66     | 19+23.30   | CR278     | RT       | 38                 |                                                        | 1                                                             | 1                                           |                     |         |
| 11                | 22+02.80     | 22+91.43   | CR278     | RT       | 38                 |                                                        | 1                                                             | 1                                           |                     |         |
|                   |              |            |           |          |                    |                                                        |                                                               |                                             |                     |         |
| ARDOT SUBTOTALS   |              |            |           |          | 249                | 0                                                      | 2                                                             | 2                                           | 1                   |         |

| GUARDRAIL (MODOT) |              |            |           |          |                    |                                                        |                                                               |                                             |                     |         |
|-------------------|--------------|------------|-----------|----------|--------------------|--------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------|---------------------|---------|
| SHEET             | FROM STATION | TO STATION | BASELINE  | LOCATION | MGS GUARDRAIL (LF) | MGS GUARDRAIL, 8 FT. POSTS, 6 FT. - 3 IN. SPACING (LF) | MGS BRIDGE APPROACH TRANSITION SECTION (REGULAR/NO CURB) (EA) | TYPE A CRASHWORTHY END TERMINAL (MASH) (EA) | MGS END ANCHOR (EA) | REMARKS |
|                   |              |            |           |          |                    |                                                        |                                                               |                                             |                     |         |
| 11                | 1159+34.29   | 1160+76.76 | US67_3661 | RT       | 91                 |                                                        |                                                               | 1                                           |                     |         |
| 11                | 1160+76.76   | 1161+89.33 | US67_3661 | RT       |                    |                                                        |                                                               | 1                                           |                     |         |
| 11                | 1161+89.99   | 1163+10.42 | US67_3661 | RT       | 121                |                                                        |                                                               |                                             | 1                   |         |
| 11                | 18+34.66     | 19+23.29   | CR278     | LT       | 38                 |                                                        | 1                                                             | 1                                           |                     |         |
| 11                | 22+02.80     | 22+91.43   | CR278     | LT       | 38                 |                                                        | 1                                                             | 1                                           |                     |         |
| 65                | 1001+03.66   | 1009+74.77 | US67_3661 | LT&RT    |                    | 875                                                    |                                                               | 2                                           |                     |         |
| 65                | 1004+49.24   | 1006+23.34 | US67_3661 | LT       |                    | 175                                                    |                                                               | 1                                           |                     |         |
| 70                | 1001+13.50   | 1004+49.24 | CROSSOVER | LT       |                    | 338                                                    |                                                               | 1                                           |                     |         |
|                   |              |            |           |          |                    |                                                        |                                                               |                                             |                     |         |
| MODOT SUBTOTALS   |              |            |           |          | 287                | 1,388                                                  | 2                                                             | 8                                           | 1                   |         |
| ARDOT SUBTOTALS   |              |            |           |          | 249                | 0                                                      | 2                                                             | 2                                           | 1                   |         |
| TOTALS            |              |            |           |          | 536                | 1,388                                                  | 4                                                             | 10                                          | 2                   |         |

| CURB AND GUTTER (MODOT) |              |            |          |          |                             |                             |                                                    |                           |                                       |                      |
|-------------------------|--------------|------------|----------|----------|-----------------------------|-----------------------------|----------------------------------------------------|---------------------------|---------------------------------------|----------------------|
| SHEET                   | FROM STATION | TO STATION | BASELINE | LOCATION | CURB AND GUTTER TYPE B (LF) | CONCRETE GUTTER TYPE A (LF) | INTEGRAL CURB (6 IN. HEIGHT AND UNDER) TYPE A (LF) | INTEGRAL CURB TYPE M (LF) | CONCRETE CURB LOW PROFILE TYPE E (LF) | REMARKS              |
| 11                      | 15+48.41     | 17+13.46   | CR-278   | LT       | 326                         |                             |                                                    |                           |                                       |                      |
| 11                      | 16+68.36     | 18+15.88   | CR-278   | RT/LT    |                             |                             |                                                    |                           | 188                                   | SPLIT RDBT 50% MO-AR |
| 11                      | 16+80.40     | 18+06.42   | CR-278   | RT/LT    |                             |                             |                                                    | 155                       |                                       | SPLIT RDBT 50% MO-AR |
| 11                      | 17+17.55     | 17+87.04   | CR-278   | LT       | 156                         |                             |                                                    |                           |                                       |                      |
| 11                      | 17+87.04     | 17+96.29   | CR-278   | LT       |                             | 14                          |                                                    |                           |                                       |                      |
| 11                      | 17+88.90     | 18+24.19   | CR-278   | LT       | 41                          |                             |                                                    |                           |                                       |                      |
| 11                      | 18+24.19     | 19+19.80   | CR-278   | LT       |                             |                             | 97                                                 |                           |                                       |                      |
| 11                      | 22+06.30     | 22+97.75   | CR-278   | LT       |                             |                             | 92                                                 |                           |                                       |                      |
| 11                      | 22+97.75     | 23+46.32   | CR-278   | LT       | 54                          |                             |                                                    |                           |                                       |                      |
| 11                      | 23+11.50     | 24+59.48   | CR-278   | RT/LT    |                             |                             |                                                    |                           | 188                                   | SPLIT RDBT 50% MO-AR |
| 11                      | 23+20.56     | 24+47.44   | CR-278   | RT/LT    |                             |                             |                                                    | 156                       |                                       | SPLIT RDBT 50% MO-AR |
| 11                      | 23+38.91     | 23+47.20   | CR-278   | LT       |                             | 15                          |                                                    |                           |                                       |                      |
| 11                      | 23+47.20     | 24+21.72   | CR-278   | LT       | 157                         |                             |                                                    |                           |                                       |                      |
| 11                      | 24+28.68     | 27+49.21   | CR-278   | LT       | 399                         |                             |                                                    |                           |                                       |                      |
|                         |              |            |          |          |                             |                             |                                                    |                           |                                       |                      |
| MODOT SUBTOTALS         |              |            |          |          | 1,133                       | 29                          | 188                                                | 311                       | 377                                   |                      |
| ARDOT SUBTOTALS         |              |            |          |          | 953                         | 29                          | 190                                                | 311                       | 377                                   |                      |
| TOTALS                  |              |            |          |          | 2,086                       | 58                          | 378                                                | 622                       | 754                                   |                      |

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Reem A. Naser - Civil  
MO PE - 2024017333

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ROUTE 67 STATE MO

DISTRICT SE SHEET NO. 3

COUNTY BUTLER

JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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SUMMARY OF QUANTITIES

SHEET 11 OF 21





STATE OF MISSOURI  
REEM A. NASER  
NUMBER  
PE-2024017333  
PROFESSIONAL ENGINEER

*Reem A. Naser*

DATE PREPARED  
8/12/2026

| ROUTE | STATE |
|-------|-------|
| 05    | MO    |

|          |           |
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| DISTRICT | SHEET NO. |
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COUNTY \_\_\_\_\_

JOB NO.

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PROJECT NO.

BRIDGE NO.

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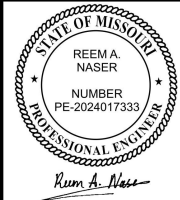


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## SUMMARY OF QUANTITIES

SHEET 13 OF 21

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



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ROUTE 67 STATE MO

DISTRICT SE SHEET NO. 3

COUNTY BUTLER

JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| EROSION CONTROL (CONTINUED) (MODOT) |              |            |           |             |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          |                               |                                       |                                 |                          |                                  |                    |         |
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| SHEET                               | FROM STATION | TO STATION | BASELINE  | LOCATION    | FURNISHING TYPE 1<br>ROCK DITCH LINER<br>(CUYD) | PLACING TYPE 1<br>ROCK DITCH LINER<br>(CUYD) | FURNISHING TYPE 1<br>ROCK BLANKET<br>(CUYD) | PLACING TYPE 1<br>ROCK BLANKET<br>(CUYD) | PERMANENT EROSION<br>CONTROL GEOTEXTILE<br>(SQYD) | FURNISHING TYPE 2<br>ROCK BLANKET<br>(CUYD) | PLACING TYPE 2<br>ROCK BLANKET<br>(CUYD) | SEDIMENT<br>REMOVAL<br>(CUYD) | SEDIMENT TRAP<br>EXCAVATION<br>(CUYD) | SEDIMENT TRAP<br>ROCK<br>(CUYD) | ROCK DITCH CHECK<br>(LF) | ALTERNATE DITCH<br>CHECK<br>(LF) | SILT FENCE<br>(LF) | REMARKS |
| EC4                                 | 1044+88.57   |            | US67_3661 | LT          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 |                          | 14                               |                    |         |
| EC4                                 | 1044+93.04   | 1066+00.00 | US67_3661 | LT          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 21                            |                                       |                                 |                          |                                  | 2089               |         |
| EC4                                 | 1045+04.64   |            | US67_3661 | RT          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 |                          | 14                               |                    |         |
| EC4                                 | 1048+02.93   |            | US67_3661 | RT          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 |                          | 14                               |                    |         |
| EC4                                 | 1049+36.79   |            | US67_3661 | CL          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 |                          | 17                               |                    |         |
| EC4                                 | 1049+38.11   |            | US67_3661 | LT          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 |                          | 14                               |                    |         |
| EC4                                 | 1052+40.98   |            | US67_3661 | LT          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 |                          | 14                               |                    |         |
| EC4                                 | 1053+70.59   |            | US67_3661 | CL          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 | 17                       |                                  |                    |         |
| EC4                                 | 1053+72.85   |            | US67_3661 | LT          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 | 14                       |                                  |                    |         |
| EC4                                 | 1053+91.15   |            | US67_3661 | CL          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 | 17                       |                                  |                    |         |
| EC4                                 | 1054+87.99   |            | US67_3661 | RT          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 |                          | 14                               |                    |         |
| EC4                                 | 1055+12.82   |            | US67_3661 | CL          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 |                          | 17                               |                    |         |
| EC4                                 | 1056+93.46   |            | US67_3661 | LT          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 |                          | 14                               |                    |         |
| EC4                                 | 1057+85.62   |            | US67_3661 | RT          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 |                          | 14                               |                    |         |
| EC4                                 | 1059+95.64   |            | US67_3661 | LT          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 |                          | 14                               |                    |         |
| EC4                                 | 1060+83.66   |            | US67_3661 | RT          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 |                          | 14                               |                    |         |
| EC4                                 | 1061+63.23   |            | US67_3661 | CL          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 |                          | 17                               |                    |         |
| EC4                                 | 1062+97.71   |            | US67_3661 | LT          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 |                          | 14                               |                    |         |
| EC4                                 | 1063+81.79   |            | US67_3661 | RT          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 |                          | 14                               |                    |         |
| EC4                                 | 1064+63.37   |            | US67_3661 | CL          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 |                          | 17                               |                    |         |
| EC5                                 | 1066+00.00   | 1093+00.00 | US67_3661 | LT & RT     |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 54                            |                                       |                                 |                          |                                  | 5400               |         |
| EC5                                 | 1066+13.06   |            | US67_3661 | LT          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             | 3.0                                   | 3                               |                          |                                  |                    |         |
| EC5                                 | 1066+23.20   |            | US67_3661 | CL          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             | 3.0                                   | 3                               |                          |                                  |                    |         |
| EC5                                 | 1066+34.94   |            | US67_3661 | RT          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             | 3.0                                   | 3                               |                          |                                  |                    |         |
| EC5                                 | 1066+35.09   |            | US67_3661 | LT          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 | 14                       |                                  |                    |         |
| EC5                                 | 1066+44.87   |            | US67_3661 | CL          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 | 17                       |                                  |                    |         |
| EC5                                 | 1066+56.04   |            | US67_3661 | RT          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 | 14                       |                                  |                    |         |
| EC5                                 | 1066+69.24   |            | US67_3661 | LT          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 | 14                       |                                  |                    |         |
| EC5                                 | 1066+80.72   |            | US67_3661 | CL          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 | 17                       |                                  |                    |         |
| EC5                                 | 1066+89.74   |            | US67_3661 | LT          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             | 3.0                                   | 3                               |                          |                                  |                    |         |
| EC5                                 | 1066+97.95   |            | US67_3661 | RT          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 | 14                       |                                  |                    |         |
| EC5                                 | 1067+10.34   |            | US67_3661 | CL          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             | 3.0                                   | 3                               |                          |                                  |                    |         |
| EC5                                 | 1067+20.49   |            | US67_3661 | RT          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             | 3.0                                   | 3                               |                          |                                  |                    |         |
| EC5                                 | 1071+10.10   |            | US67_3661 | LT          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          |                               |                                       |                                 |                          |                                  |                    |         |
| EC5                                 | 1072+56.46   |            | US67_3661 | CL          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          |                               |                                       |                                 |                          |                                  |                    |         |
| EC5                                 | 1072+88.80   |            | US67_3661 | RT          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          |                               |                                       |                                 |                          |                                  |                    |         |
| EC5                                 | 1074+28.03   |            | US67_3661 | LT          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 |                          | 14                               |                    |         |
| EC5                                 | 1075+56.48   |            | US67_3661 | CL          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 |                          | 17                               |                    |         |
| EC5                                 | 1077+31.00   |            | US67_3661 | LT          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 |                          | 14                               |                    |         |
| EC5                                 | 1078+56.61   |            | US67_3661 | CL          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 |                          | 17                               |                    |         |
| EC5                                 | 1079+62.32   |            | US67_3661 | RT          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 |                          | 14                               |                    |         |
| EC5                                 | 1081+56.63   |            | US67_3661 | CL          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 |                          | 17                               |                    |         |
| EC5                                 | 1082+60.43   |            | US67_3661 | RT          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 |                          | 14                               |                    |         |
| EC5                                 | 1085+61.35   |            | US67_3661 | RT          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 |                          | 14                               |                    |         |
| EC5                                 | 1088+06.67   |            | US67_3661 | RT          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 | 14                       |                                  |                    |         |
| EC5                                 | 1088+08.45   |            | US67_3661 | CL          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 | 17                       |                                  |                    |         |
| EC5                                 | 1088+26.19   |            | US67_3661 | CL          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 | 17                       |                                  |                    |         |
| EC5                                 | 1088+32.63   |            | US67_3661 | LT          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 |                          | 14                               |                    |         |
| EC5                                 | 1091+26.14   |            | US67_3661 | RT          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 |                          | 14                               |                    |         |
| EC5                                 | 1091+32.62   |            | US67_3661 | LT          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 |                          | 14                               |                    |         |
| EC6                                 | 1093+00.00   | 1120+00.00 | US67_3661 | LT & RT     |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 54                            |                                       |                                 |                          |                                  | 5400               |         |
| EC6                                 | 1093+97.00   |            | US67_3661 | LT, RT & CL |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 3                             | 9.0                                   | 9                               |                          |                                  |                    |         |
| EC6                                 | 1094+16.33   |            | US67_3661 | LT, RT & CL |                                                 |                                              | 44.1                                        | 44.1                                     | 88.3                                              |                                             |                                          | 3                             |                                       |                                 | 45                       |                                  |                    |         |
| EC6                                 | 1094+44.00   |            | US67_3661 | LT, RT & CL |                                                 |                                              | 10.0                                        | 10.0                                     | 20.0                                              |                                             |                                          | 3                             |                                       |                                 | 45                       |                                  |                    |         |
| EC6                                 | 1094+64.22   |            | US67_3661 | LT, RT & CL |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 3                             | 9.0                                   | 9                               |                          |                                  |                    |         |
| EC6                                 | 1096+59.97   |            | US67_3661 | LT          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 |                          | 14                               |                    |         |
| EC6                                 | 1097+50.12   |            | US67_3661 | RT          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 |                          | 14                               |                    |         |
| EC6                                 | 1104+06.58   |            | US67_3661 | CL          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 |                          | 17                               |                    |         |
| EC6                                 | 1108+58.62   |            | US67_3661 | LT & CL     |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 2                             |                                       |                                 | 28                       |                                  |                    |         |
| EC6                                 | 1108+81.30   |            | US67_3661 | CL          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 | 17                       |                                  |                    |         |
| EC6                                 | 1111+10.20   |            | US67_3661 | RT          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 |                          | 14                               |                    |         |
| EC6                                 | 1111+61.06   |            | US67_3661 | LT          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 |                          | 14                               |                    |         |
| EC6                                 | 1113+09.63   |            | US67_3661 | CL          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 | 17                       |                                  |                    |         |
| EC6                                 | 1113+32.79   |            | US67_3661 | CL          |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 1                             |                                       |                                 | 17                       |                                  |                    |         |
| EC6                                 | 1114+75.87   |            | US67_3661 | LT & RT     |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 2                             |                                       |                                 |                          | 28                               |                    |         |
| EC6                                 | 1117+86.02   |            | US67_3661 | LT & CL     |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 2                             |                                       |                                 | 31                       |                                  |                    |         |
| EC6                                 | 1118+07.43   |            | US67_3661 | RT & CL     |                                                 |                                              |                                             |                                          |                                                   |                                             |                                          | 2                             |                                       |                                 | 17                       | 14                               |                    |         |
| MODOT SUBTOTAL 2                    |              |            |           |             | 0                                               | 0                                            | 54                                          | 54                                       | 108                                               | 0                                           | 0                                        | 202                           | 36                                    | 36                              | 403                      | 514                              | 12,889             |         |

CONTINUES ON NEXT SHEET

SUMMARY OF QUANTITIES

SHEET 14 OF 21

DESCRIPTION



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





DISCLAIMER  
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STATE OF MISSOURI

REEM A NASER

NUMBER  
PE-2024017333

PROFESSIONAL ENGINEER

*Reem A. Naser*

08/12/2026 11:14:42 PM  
Reem A. Naser - Civil  
MO PE - 2024017333

DATE PREPARED  
8/12/2026

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JOB NO.  
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

CMT

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SPRINGFIELD, MO 65807 (417) 869-6009  
ENGINEERING CORPORATION - 000631

| EROSION CONTROL (ARDOT) |              |            |          |                  |                                                 |                                              |                                             |                                          |                                                |                                             |                                          |                                                   |                            |                                       |                              |                          |                                  |                    |                             |
|-------------------------|--------------|------------|----------|------------------|-------------------------------------------------|----------------------------------------------|---------------------------------------------|------------------------------------------|------------------------------------------------|---------------------------------------------|------------------------------------------|---------------------------------------------------|----------------------------|---------------------------------------|------------------------------|--------------------------|----------------------------------|--------------------|-----------------------------|
| SHEET                   | FROM STATION | TO STATION | BASELINE | LOCATION         | FURNISHING TYPE 1<br>ROCK DITCH LINER<br>(CUYD) | PLACING TYPE 1 ROCK<br>DITCH LINER<br>(CUYD) | FURNISHING TYPE 1<br>ROCK BLANKET<br>(CUYD) | PLACING TYPE 1<br>ROCK BLANKET<br>(CUYD) | SUBSURFACE<br>DRAINAGE<br>GEOTEXTILE<br>(SQYD) | FURNISHING TYPE 2<br>ROCK BLANKET<br>(CUYD) | PLACING TYPE 2 ROCK<br>BLANKET<br>(CUYD) | PERMANENT EROSION<br>CONTROL GEOTEXTILE<br>(SQYD) | SEDIMENT REMOVAL<br>(CUYD) | SEDIMENT TRAP<br>EXCAVATION<br>(CUYD) | SEDIMENT TRAP ROCK<br>(CUYD) | ROCK DITCH CHECK<br>(LF) | ALTERNATE DITCH<br>CHECK<br>(LF) | SILT FENCE<br>(LF) | REMARKS                     |
|                         |              |            |          |                  |                                                 |                                              |                                             |                                          |                                                |                                             |                                          |                                                   |                            |                                       |                              |                          |                                  |                    |                             |
| EC9                     | 5+73.31      |            | CR278    | LT               |                                                 |                                              |                                             |                                          |                                                |                                             |                                          |                                                   | 1                          | 3.0                                   | 3                            |                          |                                  |                    |                             |
| EC9                     | 6+02.40      |            | CR278    | LT               |                                                 |                                              |                                             |                                          |                                                |                                             |                                          |                                                   | 1                          |                                       |                              | 15                       |                                  |                    |                             |
| EC9                     | 6+51.92      | 10+21.27   | CR278    | LT               |                                                 |                                              |                                             |                                          |                                                |                                             |                                          |                                                   | 4                          |                                       |                              |                          |                                  | 369                |                             |
| EC9                     | 7+76.70      |            | CR278    | LT               |                                                 |                                              |                                             |                                          |                                                |                                             |                                          |                                                   | 1                          |                                       |                              | 15                       |                                  |                    |                             |
| EC8                     | 10+57.15     | 15+73.59   | CR278    | LT               |                                                 |                                              |                                             |                                          |                                                |                                             |                                          |                                                   | 5                          |                                       |                              |                          |                                  | 536                |                             |
| EC8                     | 17+87.47     | 18+23.81   | CR278    | RT               |                                                 |                                              |                                             |                                          |                                                | 10.5                                        | 10.5                                     |                                                   | 1                          |                                       |                              | 15                       |                                  |                    |                             |
| EC8                     | 17+94.41     | 18+31.53   | CR278    | LT               |                                                 |                                              |                                             |                                          |                                                | 10.5                                        | 10.5                                     |                                                   |                            |                                       |                              |                          |                                  |                    |                             |
| EC8                     | 19+23.30     | 19+92.66   | CR278    | LT/RT            |                                                 |                                              |                                             |                                          |                                                | 522.2                                       | 522.2                                    |                                                   |                            |                                       |                              |                          |                                  |                    |                             |
| EC8                     | 21+32.53     | 22+02.80   | CR278    | LT/RT            |                                                 |                                              |                                             |                                          |                                                | 556.0                                       | 556.0                                    |                                                   |                            |                                       |                              |                          |                                  |                    |                             |
| EC8                     | 22+91.46     | 23+40.60   | CR278    | RT               |                                                 |                                              |                                             |                                          |                                                | 13.6                                        | 13.6                                     |                                                   |                            |                                       |                              |                          |                                  |                    |                             |
| EC8                     | 23+05.85     | 23+40.87   | CR278    | LT               |                                                 |                                              |                                             |                                          |                                                | 11.1                                        | 11.1                                     |                                                   |                            |                                       |                              |                          |                                  |                    |                             |
| EC8                     | 25+29.17     |            | CR278    | LT               |                                                 |                                              |                                             |                                          |                                                |                                             |                                          |                                                   | 1                          | 3.0                                   | 3                            |                          |                                  |                    |                             |
| EC8                     | 25+38.67     |            | CR278    | LT               |                                                 |                                              |                                             |                                          |                                                |                                             |                                          |                                                   | 1                          |                                       |                              | 14                       |                                  |                    |                             |
| EC8                     | 25+75.85     |            | CR278    | LT               |                                                 |                                              |                                             |                                          |                                                |                                             |                                          |                                                   | 1                          |                                       |                              | 14                       |                                  |                    |                             |
| EC8                     | 26+07.24     |            | CR278    | LT               |                                                 |                                              |                                             |                                          |                                                |                                             |                                          |                                                   | 1                          | 3.0                                   | 3                            |                          |                                  |                    |                             |
| EC8                     | 28+83.68     |            | CR278    | LT               |                                                 |                                              |                                             |                                          |                                                |                                             |                                          |                                                   | 1                          |                                       |                              |                          | 15                               |                    |                             |
| EC9                     | 30+82.76     | 33+89.93   | CR278    | LT               |                                                 |                                              |                                             |                                          |                                                |                                             |                                          |                                                   | 3                          |                                       |                              |                          |                                  | 313                |                             |
| EC9                     | 31+83.52     |            | CR278    | LT               |                                                 |                                              |                                             |                                          |                                                |                                             |                                          |                                                   | 1                          |                                       |                              |                          | 15                               |                    |                             |
| PS8                     | 16+81        | 18+06      | CR278    | LT/RT            | 95                                              | 95                                           |                                             |                                          |                                                |                                             |                                          | 569                                               |                            |                                       |                              |                          |                                  |                    | CENTER OF CR 278 ROUNDABOUT |
| PS8                     | 23+21        | 24+47      | CR278    | LT/RT            | 95                                              | 95                                           |                                             |                                          |                                                |                                             |                                          | 571                                               |                            |                                       |                              |                          |                                  |                    | CENTER OF CR 278 ROUNDABOUT |
|                         |              |            |          |                  |                                                 |                                              |                                             |                                          |                                                |                                             |                                          |                                                   |                            |                                       |                              |                          |                                  |                    |                             |
|                         |              |            |          | MODOT SUBTOTAL 3 | 190                                             | 190                                          | 0                                           | 0                                        | 0                                              | 1,124                                       | 1,124                                    | 1,139                                             | 22                         | 9.0                                   | 9                            | 73                       | 30                               | 1,218              |                             |

| SMALL BOX CULVERTS (MODOT) |                             |                   |                 |            |         |                    |                                                          |                              |                                                    |                                           |
|----------------------------|-----------------------------|-------------------|-----------------|------------|---------|--------------------|----------------------------------------------------------|------------------------------|----------------------------------------------------|-------------------------------------------|
| PLAN SHEET                 | CULVERT<br>SECTION<br>SHEET | FROM<br>STRUCTURE | TO<br>STRUCTURE | STATION    | ROADWAY | EMBEDMENT<br>DEPTH | CLASS B-1<br>CONCRETE<br>(CULVERTS-<br>BRIDGE)<br>(CUYD) | CLASS 4 EXCAVATION<br>(CUYD) | REINFORCING<br>STEEL (CULVERTS-<br>BRIDGE)<br>(LB) | REMARKS                                   |
| 2                          | 1                           | 1002+39           | 1003+34.00      | 1002+39    | RTE 67  | 1.00               | 541.4                                                    | 1730                         | 80290                                              |                                           |
| 5                          | 3                           | 1066+53           | 1066+77         | 1066+53    | RTE 67  | 1.00               | 94.6                                                     | 80                           | 13430                                              | 1-18" OPENING                             |
| 8                          | 7                           | F613              | F614            | 1148+03.50 | RTE 67  | 1.00               | 124.4                                                    | 473                          | 15680                                              |                                           |
| 8                          | 8                           | F616              | F617            | 25+49.47   | CR-278  | 1.00               | 65.0                                                     | 175                          | 10095                                              | SPLIT <sup>50</sup> / <sub>50</sub> MO-AR |
| 9                          | 8                           | F703              | F703A           | 5+48.26    | CR-278  | 1.00               | 18.5                                                     | 51                           | 2650                                               | SPLIT <sup>50</sup> / <sub>50</sub> MO-AR |
|                            |                             |                   |                 |            |         |                    |                                                          |                              |                                                    |                                           |
|                            |                             |                   |                 |            |         |                    |                                                          |                              |                                                    |                                           |
|                            |                             |                   |                 |            |         |                    |                                                          |                              |                                                    |                                           |
|                            |                             |                   |                 |            |         | MODOT SUBTOTALS    | 843.9                                                    | 2,511.5                      | 122,154.0                                          |                                           |
|                            |                             |                   |                 |            |         | ARDOT SUBTOTALS    | 83.5                                                     | 225.5                        | 12,745.0                                           |                                           |
|                            |                             |                   |                 |            |         | TOTALS             | 927.4                                                    | 2,737.0                      | 134,899.0                                          |                                           |

| SMALL BOX CULVERTS (ARDOT) |                             |                   |                 |          |         |                    |                                                          |                              |                                                    |                                           |
|----------------------------|-----------------------------|-------------------|-----------------|----------|---------|--------------------|----------------------------------------------------------|------------------------------|----------------------------------------------------|-------------------------------------------|
| PLAN SHEET                 | CULVERT<br>SECTION<br>SHEET | FROM<br>STRUCTURE | TO<br>STRUCTURE | STATION  | ROADWAY | EMBEDMENT<br>DEPTH | CLASS B-1<br>CONCRETE<br>(CULVERTS-<br>BRIDGE)<br>(CUYD) | CLASS 4 EXCAVATION<br>(CUYD) | REINFORCING<br>STEEL (CULVERTS-<br>BRIDGE)<br>(LB) | REMARKS                                   |
| 8                          | 8                           | F616              | F617            | 25+49.47 | CR-278  | 1.00               | 65.0                                                     | 175                          | 10095                                              | SPLIT <sup>50</sup> / <sub>50</sub> MO-AR |
| 9                          | 8                           | F703              | F703A           | 5+48.26  | CR-278  | 1.00               | 18.5                                                     | 51                           | 2650                                               | SPLIT <sup>50</sup> / <sub>50</sub> MO-AR |
|                            |                             |                   |                 |          |         |                    |                                                          |                              |                                                    |                                           |
|                            |                             |                   |                 |          |         |                    |                                                          |                              |                                                    |                                           |
|                            |                             |                   |                 |          |         | ARDOT SUBTOTALS    | 83.5                                                     | 225.5                        | 12,745.0                                           |                                           |

SUMMARY OF QUANTITIES

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







|                                                            |                       |                    |              |                    |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------------------|-----------------------|--------------------|--------------|--------------------|--------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                            |                       |                    |              |                    |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              | DISCLAIMER<br>THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS. |  | <div><div>STATE OF MISSOURI</div><div>REEM A. NASER</div><div>NUMBER<br/>PE-2024017333</div><div>PROFESSIONAL ENGINEER</div><div>Reem A. Naser</div><div>08/12/2026 11:14:42 PM</div><div>Reem A. Naser - Civil</div><div>MO PE - 2024017333</div><div>DATE PREPARED</div><div>8/12/2026</div><div>ROUTE 67STATE MO</div><div>DISTRICT SE SHEET NO. 3</div><div>COUNTY BUTLER</div><div>JOB NO. JST0062</div><div>CONTRACT ID.</div><div>PROJECT NO.</div><div>BRIDGE NO.</div><div>DESCRIPTION</div><div>DATE</div><div>MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION</div><div><div>MoDOT</div><div>105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)</div></div><div><div>CMT</div><div>© Copyright CMT, Inc.</div><div>CRAWFORD, MURPHY &amp; TILLY, INC.</div><div>1631 WEST 'ELFINDALE' STREET SPRINGFIELD, MO 65807 (417) 869-6009</div><div>ENGINEERING CORPORATION - 000631</div></div></div> |
| PIPE COLLARS, FLARED END SECTIONS, AND ROCK LINING (MODOT) |                       |                    |              |                    |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SHEET                                                      | CULVERT SECTION SHEET | FROM STRUCTURE     | TO STRUCTURE | ROCK LINING (CUYD) | 12 IN. OR ALLOWED SUBSTITUTE GROUP B FLARED END SECTION (EA) | 18 IN. OR ALLOWED SUBSTITUTE GROUP B FLARED END SECTION (EA) | 24 IN. OR ALLOWED SUBSTITUTE GROUP B FLARED END SECTION (EA) | 30 IN. OR ALLOWED SUBSTITUTE GROUP B FLARED END SECTION (EA) | 18 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION (EA) | 24 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION (EA) | 30 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION (EA) | 36 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION (EA) | 54 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION (EA) | 60 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION (EA) | REMARKS                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 5                                                          | 3                     | F262               | F263         | 3                  |                                                              | 2                                                            |                                                              | 2                                                            |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              | 999+13.82                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 5                                                          |                       | F264               | F265         | 6                  |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 5                                                          | 1                     | DOUBLE 8' X 7' BOX |              | 271                |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 6                                                          | 2                     | F243               | F246         | 11                 |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              | 2                                                            |                                                              |                                                              |                                                              | 1017+11.41                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 6                                                          | 2                     | F244               | F247         |                    |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              | 2                                                            |                                                              |                                                              |                                                              | 1017+17.41                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 6                                                          | 2                     | F245               | F248         |                    |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              | 2                                                            |                                                              |                                                              |                                                              | 1017+23.41                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 6                                                          | 2                     | C249               | F250         | 56                 |                                                              |                                                              |                                                              |                                                              |                                                              | 1                                                            |                                                              |                                                              |                                                              |                                                              | 1023+04.14, INCLUDES DOWNSTREAM ROCK                                                                                                                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 6                                                          | 2                     | F253               | C254         |                    |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              | 1                                                            |                                                              |                                                              |                                                              | 1038+44.93                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 6                                                          | 2                     | C254               | F255         | 4                  |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              | 1                                                            |                                                              |                                                              |                                                              | 1038+72.51                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 6                                                          | 3                     | F256               | C257         |                    |                                                              |                                                              |                                                              |                                                              |                                                              | 1                                                            |                                                              |                                                              |                                                              |                                                              | 1038+84.61                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 48                                                         | 2                     | F251               | F252         | 6                  |                                                              | 2                                                            |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 7                                                          | 3                     | C257               | F258         | 3                  |                                                              |                                                              |                                                              |                                                              |                                                              | 1                                                            |                                                              |                                                              |                                                              |                                                              | 1039+12.13                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 7                                                          |                       | F266               | F267         | 2                  | 2                                                            |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              | 1039+78.56                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 7                                                          | 3                     | C259               | F260         | 3                  |                                                              |                                                              |                                                              |                                                              |                                                              | 1                                                            |                                                              |                                                              |                                                              |                                                              | 1053+81.25                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 8                                                          | 3                     | 6' X 3' BOX        |              | 68                 |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 7                                                          | 4                     | C503               | F504         | 2                  |                                                              |                                                              |                                                              |                                                              | 2                                                            |                                                              |                                                              |                                                              |                                                              |                                                              | 1088+17.23                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 8                                                          | 4                     | F505               | C506         | 4                  |                                                              |                                                              |                                                              |                                                              |                                                              | 1                                                            |                                                              |                                                              |                                                              |                                                              | 1094+30.22                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 8                                                          | 4                     | C506               | F507         |                    |                                                              |                                                              |                                                              |                                                              |                                                              | 1                                                            |                                                              |                                                              |                                                              |                                                              | 1094+30.22                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 9                                                          | 4                     | F508               | F509         | 3                  |                                                              |                                                              |                                                              |                                                              | 2                                                            |                                                              |                                                              |                                                              |                                                              |                                                              | 1099+43.84                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 9                                                          | 5                     | F510               | F511         | 3                  |                                                              |                                                              |                                                              |                                                              | 2                                                            |                                                              |                                                              |                                                              |                                                              |                                                              | 1108+71.00                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 10                                                         | 5                     | F512               | F513         | 3                  |                                                              |                                                              |                                                              |                                                              | 2                                                            |                                                              |                                                              |                                                              |                                                              |                                                              | 1113+21.08                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 10                                                         | 5                     | F514               | F515         | 3                  |                                                              |                                                              |                                                              |                                                              | 2                                                            |                                                              |                                                              |                                                              |                                                              |                                                              | 1117+96.03                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 10                                                         | 6                     | F516               | F517         | 2                  |                                                              |                                                              |                                                              |                                                              | 2                                                            |                                                              |                                                              |                                                              |                                                              |                                                              | 1123+46.03                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 10                                                         | 7                     | F601               | F600         | 3                  |                                                              |                                                              |                                                              |                                                              |                                                              | 2                                                            |                                                              |                                                              |                                                              |                                                              |                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 11                                                         | 6                     | F518               | F519         | 3                  |                                                              |                                                              |                                                              |                                                              | 2                                                            |                                                              |                                                              |                                                              |                                                              |                                                              | 1128+96.00                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 11                                                         | 6                     | F520               | F521         | 2                  |                                                              |                                                              |                                                              |                                                              | 2                                                            |                                                              |                                                              |                                                              |                                                              |                                                              | 1134+45.92                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 11                                                         | 6                     | F522               | F523         | 2                  |                                                              |                                                              |                                                              |                                                              | 2                                                            |                                                              |                                                              |                                                              |                                                              |                                                              | 1138+22.97                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 11                                                         | 7                     | F100               | F101         | 3                  |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 11                                                         | 7                     | F603               | F602         | 3                  |                                                              |                                                              |                                                              |                                                              |                                                              | 2                                                            |                                                              |                                                              |                                                              |                                                              |                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 11                                                         | 7                     | F602B              | F602A        | 3                  |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              | 2                                                            |                                                              |                                                              |                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 11                                                         | 7                     | F605               | F604         | 3                  |                                                              |                                                              |                                                              |                                                              |                                                              | 2                                                            |                                                              |                                                              |                                                              |                                                              |                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 11                                                         | 7                     | F607               | F606         | 3                  |                                                              |                                                              | 2                                                            |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 11                                                         | 7                     | F609               | F608         | 11                 |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              | 1                                                            |                                                              |                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 11                                                         | 7                     | F612               | F611         | 28                 |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              | 2                                                            |                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 11                                                         | 8                     | F619               | F618         | 3                  |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              | 2                                                            |                                                              |                                                              |                                                              |                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 11                                                         |                       | F620               | F621         | 3                  |                                                              |                                                              | 2                                                            |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 37                                                         | 8                     | F702               | F701         | 3                  |                                                              |                                                              |                                                              |                                                              |                                                              | 2                                                            |                                                              |                                                              |                                                              |                                                              |                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 37                                                         | 8                     | F705               | F704         | 5                  |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              | 1                                                            |                                                              |                                                              |                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 38                                                         |                       | F622               | F623         | 3                  |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              | 2                                                            |                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| MODOT SUBTOTALS                                            |                       |                    |              | 533                | 2                                                            | 4                                                            | 4                                                            | 2                                                            | 18                                                           | 16                                                           | 12                                                           | 1                                                            | 1                                                            | 4                                                            |                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ARDOT SUBTOTALS                                            |                       |                    |              | 25                 | 4                                                            | 2                                                            | 0                                                            | 0                                                            | 0                                                            | 0                                                            | 0                                                            | 1                                                            | 1                                                            | 0                                                            |                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| TOTALS                                                     |                       |                    |              | 558                | 6                                                            | 6                                                            | 4                                                            | 2                                                            | 18                                                           | 16                                                           | 12                                                           | 2                                                            | 2                                                            | 4                                                            |                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| * SEE EARTHWORK TABLE FOR TOTAL                            |                       |                    |              |                    |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| PIPE COLLARS, FLARED END SECTIONS, AND ROCK LINING (ARDOT) |                       |                    |              |                    |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SHEET                                                      | CULVERT SECTION SHEET | FROM STRUCTURE     | TO STRUCTURE | ROCK LINING (CUYD) | 12 IN. OR ALLOWED SUBSTITUTE GROUP B FLARED END SECTION (EA) | 18 IN. OR ALLOWED SUBSTITUTE GROUP B FLARED END SECTION (EA) | 24 IN. OR ALLOWED SUBSTITUTE GROUP B FLARED END SECTION (EA) | 30 IN. OR ALLOWED SUBSTITUTE GROUP B FLARED END SECTION (EA) | 18 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION (EA) | 24 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION (EA) | 30 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION (EA) | 36 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION (EA) | 54 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION (EA) | 60 IN. OR ALLOWED SUBSTITUTE GROUP A FLARED END SECTION (EA) | REMARKS                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 11                                                         | 7                     | F609               | F608         | 11                 |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              | 1                                                            |                                                              | SPLIT 50% MO-AR                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 37                                                         | 8                     | F705               | F704         | 5                  |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              | 1                                                            |                                                              |                                                              | SPLIT 50% MO-AR                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 37                                                         |                       | F624               | F625         | 3                  | 2                                                            |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              | ARDOT DRIVEWAY PIPES                                                                                                                                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 37                                                         |                       | F626               | F627         | 3                  | 2                                                            |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              | ARDOT DRIVEWAY PIPES                                                                                                                                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 37                                                         |                       | F628               | F629         | 3                  |                                                              | 2                                                            |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              | ARDOT DRIVEWAY PIPES                                                                                                                                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ARDOT SUBTOTALS                                            |                       |                    |              | 25                 | 4                                                            | 2                                                            | 0                                                            | 0                                                            | 0                                                            | 0                                                            | 0                                                            | 1                                                            | 1                                                            | 0                                                            |                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| * SEE EARTHWORK TABLE FOR TOTAL                            |                       |                    |              |                    |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                            |                       |                    |              |                    |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              | SUMMARY OF QUANTITIES                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                            |                       |                    |              |                    |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              |                                                              | SHEET 19 OF 21                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

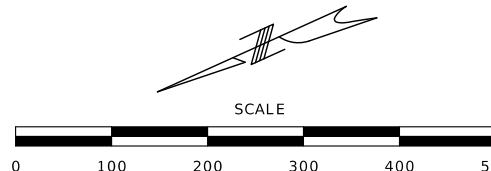


| SIGN          | SIZE  | AREA  | QTY | TOTAL<br>AREA | QTY<br>RELOC | TOTAL<br>RELOC | SIGN<br>NUM. | DESCRIPTION                                 | SIGN             | SIZE  | AREA  | QTY | TOTAL<br>AREA | QTY<br>RELOC | TOTAL<br>RELOC | SIGN<br>NUM. | DESCRIPTION                                        | ITEM<br>NUMBER | MODOT<br>TOTAL<br>QTY | ARDOT<br>TOTAL<br>QTY | DESCRIPTION                                                                    |
|---------------|-------|-------|-----|---------------|--------------|----------------|--------------|---------------------------------------------|------------------|-------|-------|-----|---------------|--------------|----------------|--------------|----------------------------------------------------|----------------|-----------------------|-----------------------|--------------------------------------------------------------------------------|
| WARNING SIGNS |       |       |     |               |              |                |              |                                             | GUIDE SIGNS      |       |       |     |               |              |                |              |                                                    |                |                       |                       |                                                                                |
| WO1-1L        | 48X48 | 16.00 |     |               |              |                |              | TURN (SYMBOL LEFT ARROW)                    | E05-1            | 36X48 | 12.00 |     |               |              |                |              | GORE EXIT                                          | 6122008        |                       |                       | IMPACT ATTENUATOR 40 MPH (SAND BARRELS)                                        |
| WO1-1R        | 48X48 | 16.00 |     |               |              |                |              | TURN (SYMBOL RIGHT ARROW)                   | E05-2            | 48X36 | 12.00 |     |               |              |                |              | EXIT OPEN                                          | 6122009        |                       |                       | IMPACT ATTENUATOR 45 MPH (SAND BARRELS)                                        |
| WO1-2L        | 48X48 | 16.00 |     |               |              |                |              | CURVE (SYMBOL LEFT ARROW)                   | E05-2a           | 48X36 | 12.00 |     |               |              |                |              | EXIT CLOSED                                        | 6122010        |                       |                       | IMPACT ATTENUATOR 50 MPH (SAND BARRELS)                                        |
| WO1-2R        | 48X48 | 16.00 |     |               |              |                |              | CURVE (SYMBOL RIGHT ARROW)                  | GO20-1           | 60X24 | 10.00 | 1   | 10.00         |              |                | 1            | ROAD WORK NEXT 4 MILES                             | 6122012        | 2                     |                       | IMPACT ATTENUATOR 55 MPH (SAND BARRELS)                                        |
| WO1-3L        | 48X48 | 16.00 |     |               |              |                |              | REVERSE TURN (SYMBOL LEFT ARROW)            | GO20-2           | 48X24 | 8.00  | 1   | 8.00          |              |                | 26           | END ROAD WORK                                      | 6122014        | 2                     |                       | IMPACT ATTENUATOR 60 MPH (SAND BARRELS)                                        |
| WO1-3R        | 48X48 | 16.00 |     |               |              |                |              | REVERSE TURN (SYMBOL RIGHT ARROW)           | GO20-4           | 36X18 | 4.50  |     |               |              |                |              | PILOT CAR FOLLOW ME                                | 6122017        |                       |                       | IMPACT ATTENUATOR 65 MPH (SAND BARRELS)                                        |
| WO1-4L        | 48X48 | 16.00 |     |               |              |                |              | REVERSE CURVE (SYMBOL LEFT ARROW)           | GO20-4a          | 42X30 | 8.75  |     |               |              |                |              | PILOT CAR IN USE WAIT & FOLLOW                     | 6122019        |                       |                       | IMPACT ATTENUATOR 70 MPH (SAND BARRELS)                                        |
| WO1-4R        | 48X48 | 16.00 |     |               |              |                |              | REVERSE CURVE (SYMBOL RIGHT ARROW)          | GO20-4aP         | 18X12 | 1.50  |     |               |              |                |              | PILOT CAR IN USE WAIT & FOLLOW                     | 6122020        | 6                     |                       | REPLACEMENT SAND BARREL                                                        |
| WO1-4bL       | 48X48 | 16.00 |     |               |              |                |              | DOUBLE ARROW REVERSE CURVE (SYMB LT ARR )   | GO20-5aP         | 36X24 | 6.00  | 2   | 12.00         |              |                | 54           | WORK ZONE (PLAQUE)                                 | 6122030        |                       |                       | IMPACT ATTENUATOR (RELOCATION)                                                 |
| WO1-4bR       | 48X48 | 16.00 |     |               |              |                |              | DOUBLE ARROW REVERSE CURVE (SYMB RT ARR )   | MO4-8a           | 24X18 | 3.00  | 4   | 12.00         |              |                | 52           | END DETOUR                                         | 6123001        | 1                     |                       | TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)                                      |
| WO1-4cL       | 48X48 | 16.00 |     |               |              |                |              | TRIPLE ARROW REVERSE CURVE (SYMB LT ARR)    | MO4-9L           | 48X36 | 12.00 |     |               |              |                |              | DETOUR (LEFT ARROW)                                | 6161008        |                       |                       | ADVANCED WARNING RAIL SYSTEM                                                   |
| WO1-4cR       | 48X48 | 16.00 |     |               |              |                |              | TRIPLE ARROW REVERSE CURVE (SYMB RT ARR)    | MO4-9R           | 48X36 | 12.00 |     |               |              |                |              | DETOUR (RIGHT ARROW)                               | 6161012        |                       |                       | BUOYS (BOATS KEEP OUT)                                                         |
| WO1-6         | 60X30 | 12.50 |     |               |              |                |              | HORIZONTAL ARROW (SYMB)                     | MO4-9P           | 48X12 | 4.00  |     |               |              |                |              | STREET NAME (PLAQUE)                               | 6161013        |                       |                       | BUOYS (NO WAKE)                                                                |
| WO1-6a        | 72X36 | 18.00 |     |               |              |                |              | HORIZ. ARROW (SYMB ON PERM BARR)            | MO4-10L          | 48X18 | 6.00  |     |               |              |                |              | DETOUR (ARROW LEFT)                                | 6161014        |                       |                       | SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)                                         |
| WO1-7         | 60X30 | 12.50 |     |               |              |                |              | DOUBLE HEAD HORIZONTAL ARR (SYMB)           | MO4-10R          | 48X18 | 6.00  |     |               |              |                |              | DETOUR (ARROW RIGHT)                               | 6161025        | 100                   | 25                    | CHANNELIZER (TRIM LINE)                                                        |
| WO1-7a        | 72X36 | 18.00 |     |               |              |                |              | DOUBLE HEAD HORIZ. ARR (SYMB ON PERM.BARR.) | REGULATORY SIGNS |       |       |     |               |              |                |              |                                                    | 6161030        | 50                    | 10                    | TYPE 3 MOVEABLE BARRICADE                                                      |
| WO1-8         | 18X24 | 3.00  |     |               |              |                |              | CHEVRON (SYMBOL)                            | R1-1             | 48X48 | 13.25 |     |               |              |                |              | STOP                                               | 6161033        |                       |                       | DIRECTION INDICATOR BARRICADE                                                  |
| WO1-8a        | 30X36 | 7.50  |     |               |              |                |              | CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)       | R1-2             | 48TRI | 6.93  |     |               |              |                |              | YIELD                                              | 6161040        |                       |                       | FLASHING ARROW PANEL                                                           |
| WO3-1         | 48X48 | 16.00 |     |               |              |                |              | STOP AHEAD (SYMBOL)                         | R1-2a            | 36X36 | 9.00  |     |               |              |                |              | TO ONCOMING TRAFFIC (PLAQUE)                       | 6161047        |                       |                       | TYPE 3 OBJECT MARKER                                                           |
| WO3-2         | 48X48 | 16.00 |     |               |              |                |              | YIELD AHEAD (SYMBOL)                        | R1-3P            | 30X12 | 2.50  |     |               |              |                |              | ALL WAY (PLAQUE)                                   | 6161055        |                       |                       | SEQUENTIAL FLASHING WARNING LIGHT                                              |
| WO3-3         | 48X48 | 16.00 |     |               |              |                |              | SIGNAL AHEAD (SYMBOL)                       | R2-1             | 36X48 | 12.00 | 8   | 96.00         |              |                | 4,25         | SPEED LIMIT 45,50,55,60                            | 6161070        |                       |                       | TUBULAR MARKER                                                                 |
| WO3-4         | 48X48 | 16.00 |     |               |              |                |              | BE PREPARED TO STOP                         | R3-1             | 48X48 | 16.00 |     |               |              |                |              | NO RIGHT TURN (SYMBOL)                             | 6161095        |                       |                       | RADAR SPEED ADVISORY SYSTEM                                                    |
| WO3-5         | 48X48 | 16.00 |     |               |              |                |              | SPEED LIMIT AHEAD                           | R3-2             | 48X48 | 16.00 |     |               |              |                |              | NO LEFT TURN (SYMBOL)                              | 6161096        |                       |                       | CHANGEABLE MESSAGE SIGN,<br>COMMISSION FURNISHED/RETAINED                      |
| WO4-1L        | 48X48 | 16.00 |     |               |              |                |              | MERGE (SYMBOL FROM LEFT)                    | R3-3             | 36X36 | 9.00  |     |               |              |                |              | NO TURNS                                           |                |                       |                       | CHANGEABLE MESSAGE SIGN W/O COMM.<br>INTERFACE, CONTRACTOR FURNISHED/RETAINED  |
| WO4-1R        | 48X48 | 16.00 |     |               |              |                |              | MERGE (SYMBOL FROM RIGHT)                   | R3-4             | 48X48 | 16.00 |     |               |              |                |              | NO U-TURN (SYMBOL)                                 |                |                       |                       | CHANGEABLE MESSAGE SIGN WITH COMM.<br>INTERFACE, CONTRACTOR FURNISHED/RETAINED |
| WO4-1aL       | 48X48 | 16.00 |     |               |              |                |              | MERGE (ARROW SYMBOL)                        | R3-7L            | 30X30 | 6.25  |     |               |              |                |              | LEFT LANE MUST TURN LEFT                           | 6161098A       |                       |                       | TEMPORARY LONG-TERM RUMBLE STRIPS                                              |
| WO4-1aR       | 48X48 | 16.00 |     |               |              |                |              | MERGE (ARROW SYMBOL)                        | R3-7R            | 30X30 | 6.25  |     |               |              |                |              | RIGHT LANE MUST TURN RIGHT                         | 6161099        |                       |                       | TEMPORARY TRAFFIC BARRIER                                                      |
| WO5-1         | 48X48 | 16.00 | 3   | 48.00         |              |                | 43           | ROAD/BRIDGE/RAMP NARROWS                    | R4-1             | 36X48 | 12.00 |     |               |              |                |              | DO NOT PASS                                        | 6162000A       |                       |                       | CONTRACTOR FURNISHED/RETAINED                                                  |
| WO5-3         | 48X48 | 16.00 |     |               |              |                |              | ONE LANE BRIDGE                             | R4-2             | 36X48 | 12.00 |     |               |              |                |              | PASS WITH CARE                                     | 6162002        |                       |                       | CONTRACTOR FURNISHED/RETAINED                                                  |
| WO5-5         | 48X48 | 16.00 |     |               |              |                |              | NARROW LANES                                | R4-8a            | 36X48 | 12.00 |     |               |              |                |              | KEEP LEFT (HORIZONTAL ARROW)                       | 6173600D       | 1675                  |                       | CONTRACTOR FURNISHED/RETAINED                                                  |
| WO6-1         | 48X48 | 16.00 |     |               |              |                |              | DIVIDED HIGHWAY (SYMBOL)                    | R4-7a            | 36X48 | 12.00 |     |               |              |                |              | KEEP RIGHT (HORIZONTAL ARROW)                      | 6173602B       |                       |                       | CONTRACTOR FURNISHED/COMMISSION RETAINED                                       |
| WO6-2         | 48X48 | 16.00 |     |               |              |                |              | DIVIDED HIGHWAY END (SYMBOL)                | R5-1             | 30X30 | 6.25  |     |               |              |                |              | DO NOT ENTER                                       | 6174000A       |                       |                       | TEMP. TRAFFIC BARRIER HEIGHT TRANSITION                                        |
| WO6-3         | 48X48 | 16.00 |     |               |              |                |              | TWO WAY TRAFFIC (SYMBOL)                    | R5-1a            | 36X24 | 6.00  |     |               |              |                |              | WRONG WAY                                          | 6175010A       | 500                   |                       | RELOCATING TEMPORARY TRAFFIC BARRIER                                           |
| WO7-3a        | 30X24 | 5.00  |     |               |              |                |              | NEXT XX MILES (PLAQUE)                      | R6-1L            | 54X18 | 6.75  |     |               |              |                |              | ONE WAY ARROW (LEFT)                               | 6176000B       |                       |                       | TEMPORARY TRAFFIC BARRIER                                                      |
| WO8-1         | 48X48 | 16.00 |     |               |              |                |              | BUMP                                        | R6-1R            | 54X18 | 6.75  |     |               |              |                |              | ONE WAY ARROW (RIGHT)                              | 6177000B       |                       |                       | TEMP. TRAFFIC BARRIER HEIGHT TRANSITION                                        |
| WO8-2         | 48X48 | 16.00 |     |               |              |                |              | DIP                                         | R6-2L            | 24X30 | 5.00  |     |               |              |                |              | ONE WAY (LEFT)                                     | 6208064A       | 60                    |                       | TEMPORARY RAISED PAVEMENT MARKER                                               |
| WO8-3         | 48X48 | 16.00 |     |               |              |                |              | PAVEMENT ENDS                               | R6-2R            | 24X30 | 5.00  |     |               |              |                |              | ONE WAY (RIGHT)                                    | 9029400        |                       |                       | TEMPORARY TRAFFIC SIGNALS                                                      |
| WO8-4         | 48X48 | 16.00 |     |               |              |                |              | SOFT SHOULDER                               | R9-9             | 24X12 | 2.00  |     |               |              |                |              | SIDEWALK CLOSED                                    | 9029401        |                       |                       | TEMPORARY TRAFFIC SIGNALS AND LIGHTING                                         |
| WO8-5         | 48X48 | 16.00 |     |               |              |                |              | SLIPPERY WHEN WET (SYMBOL)                  | R9-11L           | 24X18 | 3.00  |     |               |              |                |              | SIDEWALK CLOSED AHEAD,<br>(ARROW LEFT) CROSS HERE  | 6191000        | 300                   |                       | TEMP. TRAFFIC BARRIER HEIGHT TRANSITION                                        |
| WO8-6         | 48X48 | 16.00 |     |               |              |                |              | TRUCK CROSSING (WITH FLAGS)                 | R9-11R           | 24X18 | 3.00  |     |               |              |                |              | SIDEWALK CLOSED AHEAD,<br>(ARROW RIGHT) CROSS HERE |                |                       |                       | COMMISSION FURNISHED/RETAINED                                                  |
| WO8-6c        | 48X48 | 16.00 |     |               |              |                |              | TRUCK ENTRANCE                              | R10-6            | 24X36 | 6.00  |     |               |              |                |              | STOP HERE ON RED (45° ARROW)                       |                |                       |                       | COMMISSION FURNISHED/RETAINED                                                  |
| WO8-7         | 36X36 | 9.00  |     |               |              |                |              | LOOSE GRAVEL                                | R11-2            | 48X30 | 10.00 | 4   | 40.00         |              |                | 29           | ROAD CLOSED                                        | 6177000B       |                       |                       | TEMPORARY TRAFFIC SIGNALS                                                      |
| WO8-7a        | 36X36 | 9.00  |     |               |              |                |              | FRESH OIL/LOOSE GRAVEL                      | R11-3a           | 60X30 | 12.50 | 8   | 100.00        |              |                | 10A-10H      | ROAD CLOSED XX MILES AHEAD                         | 6208064A       |                       |                       | TEMPORARY TRAFFIC SIGNALS AND LIGHTING                                         |
| WO8-9         | 48X48 | 16.00 |     |               |              |                |              | LOW SHOULDER                                | R11-3a           | 60X30 | 12.50 |     |               |              |                |              | LOCAL TRAFFIC ONLY                                 | 9029401        |                       |                       | PAVEMENT EDGE TREATMENT, LF                                                    |
| WO8-11        | 48X48 | 16.00 |     |               |              |                |              | UNEVEN LANES                                | R11-4            | 60X30 | 12.50 |     |               |              |                |              | ROAD CLOSED TO THRU TRAFFIC                        |                |                       |                       |                                                                                |
| WO8-12        | 48X48 | 16.00 |     |               |              |                |              | NO CENTER LINE                              | CONST-3A         | 60X48 | 20.00 |     |               |              |                |              | FINE SIGN                                          |                |                       |                       |                                                                                |
| WO8-15        | 48X48 | 16.00 |     |               |              |                |              | GROOVED                                     |                  |       |       |     |               |              |                |              |                                                    |                |                       |                       |                                                                                |









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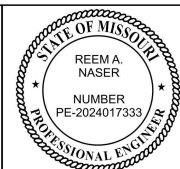
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N/F  
JANES, JOSEPH A. & SARAH L. TRUSTEES  
768/988

NW 1/4 OF THE SE 1/4  
SEC 21  
T22N R5E

87  
PARCEL ID 25-05-21.0-000-000-007.0  
N/F  
MITCHELL ANTON HRIBOVSEK TRUST  
1029/4745  
SW 1/4 OF THE SE 1/4  
SEC 21  
T22N R5E

| CURVE US67_5 |                  |
|--------------|------------------|
| PI           | 1050+67.09       |
| PC           | 1013+82.70       |
| PT           | 1085+98.76       |
| Δ            | 28°30'49.6" (LT) |
| D            | 0°23'42.5"       |
| L            | 7,216.06' (ARC)  |
| T            | 3,684.39'        |
| R            | 14,500.00'       |
| DS           | 70 MPH           |
| eMAX         | 8%               |
| eDESIGN      | N.C.             |

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ROUTE 67 STATE MO

DISTRICT SE SHEET NO. 6

COUNTY BUTLER

JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

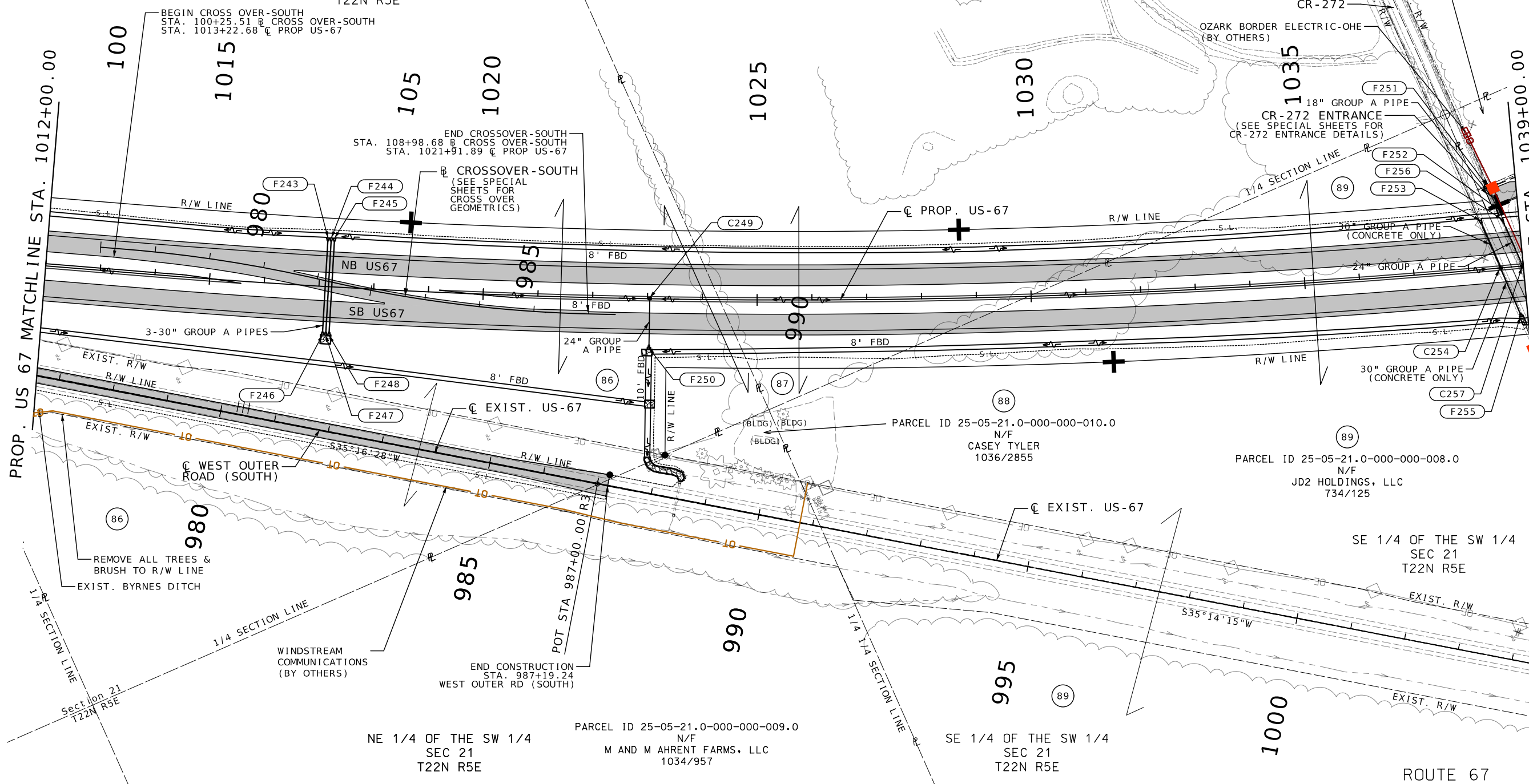
MoDOT

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

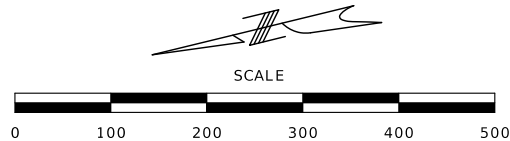
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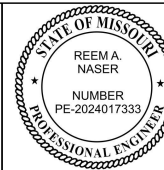
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PLAN SHEET  
3 OF 9







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ROUTE 67 STATE MO

DISTRICT SE SHEET NO. 7

COUNTY BUTLER

JOB NO. JST0062

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PROJECT NO.

BRIDGE NO.

DESCRIPTION

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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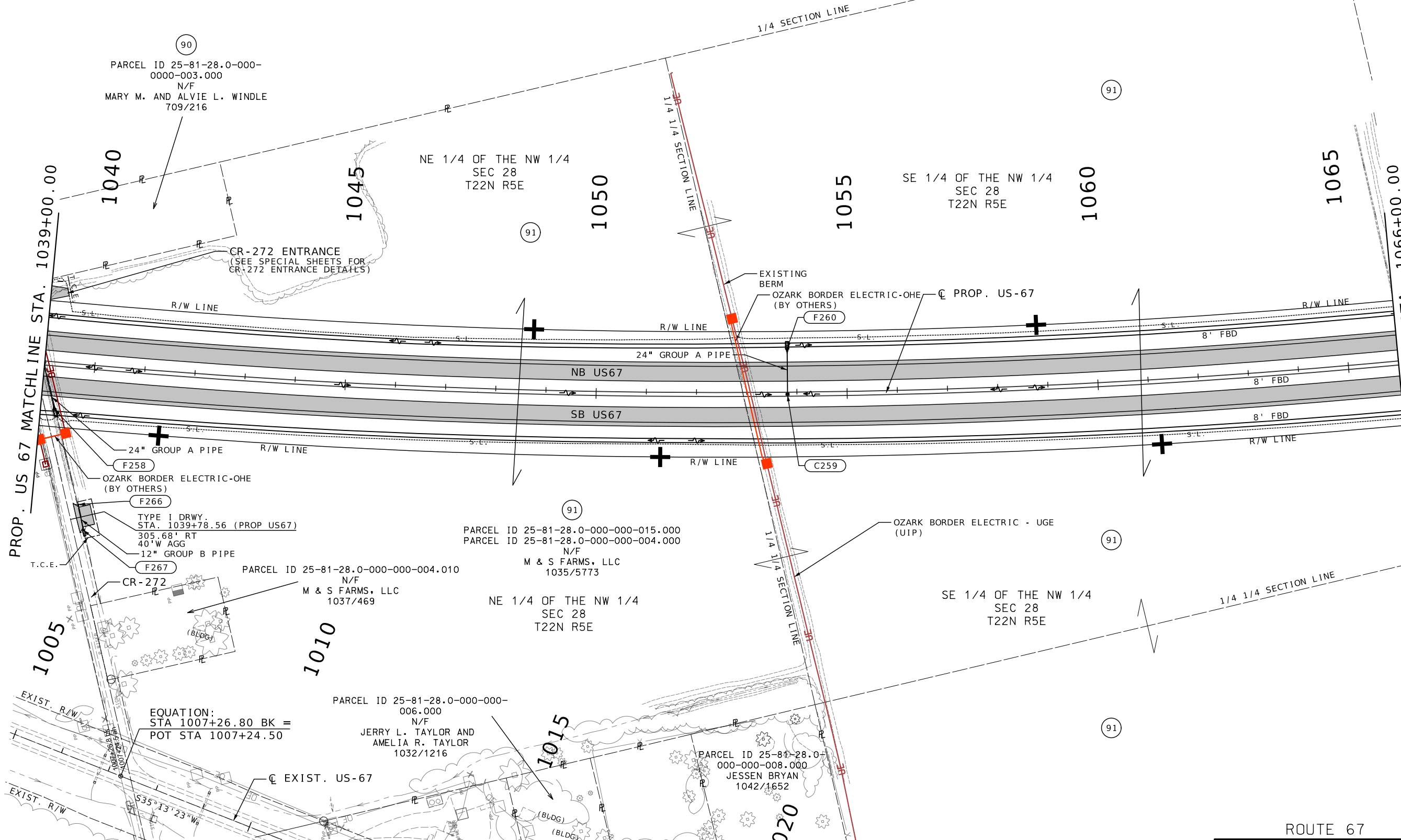
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ROUTE 67

PLAN SHEET

4 OF 9

pw://cmtengr-pw.bentley.com:cmt-connect-projects/Documents/MoDOT/US67 Freeway Conversion - Phase 3/040908/Roadway/Sheets/ST0062 Current Plans/004-012\_PP\_US67\_JST0062.dgn 9:54:41 AM 8/4/2026

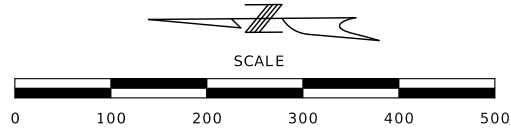


IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.





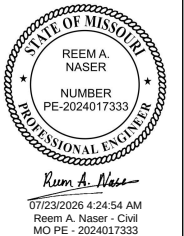




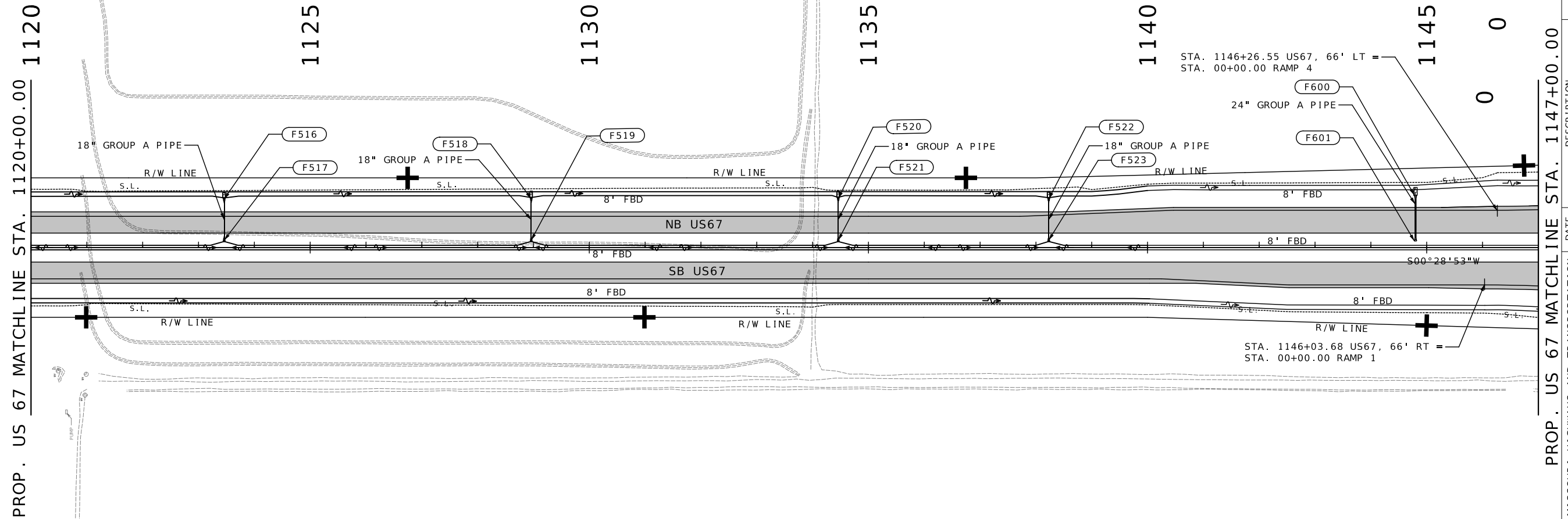
W 1/2  
SEC 33  
T22N R5E

92  
PARCEL ID 25-82-33.0-000-000-001.000  
N/F  
MARY ALICE DAVIDSON REV. TRUST 1/2  
BOBBY DODD 1/2  
1044/3195

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ROUTE 67 STATE MO  
DISTRICT SE SHEET NO. 10  
COUNTY BUTLER  
JOB NO. JST0062  
CONTRACT ID.  
PROJECT NO.  
BRIDGE NO.



W 1/2  
SEC 33  
T22N R5E

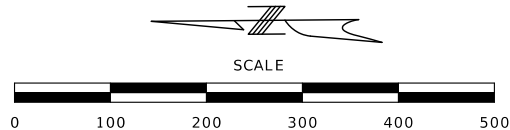
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PARCEL ID 25-82-33.0-000-000-001.000  
N/F  
MARY ALICE DAVIDSON REV. TRUST 1/2  
BOBBY DODD 1/2  
1044/3195

ROUTE 67  
PLAN SHEET  
7 OF 9



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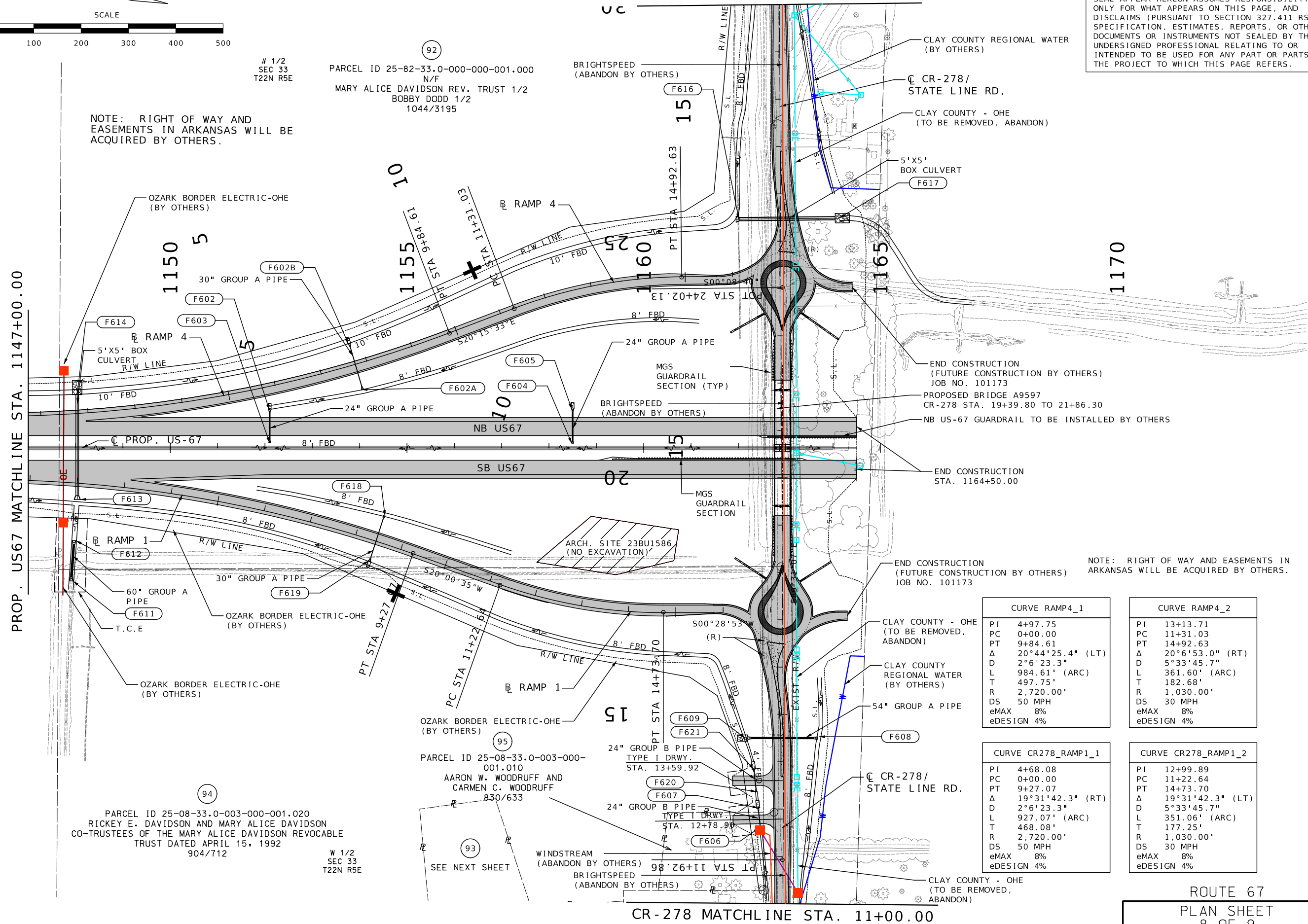
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SEC 33  
T22N R5E

PARCEL ID 25-82-33.0-000-000-001.000  
N/F  
MARY ALICE DAVIDSON REV. TRUST 1/2  
BOBBY DODD 1/2  
1044/3195

NOTE: RIGHT OF WAY AND  
EASEMENTS IN ARKANSAS WILL BE  
ACQUIRED BY OTHERS.

PROP. US67 MATCHLINE STA. 1147+00.00

CR-278 MATCHLINE STA. 30+00.00



PARCEL ID 25-08-33.0-003-000-001.020  
RICKEY E. DAVIDSON AND MARY ALICE DAVIDSON  
CO-TRUSTEES OF THE MARY ALICE DAVIDSON REVOCABLE  
TRUST DATED APRIL 15, 1992  
904/712

W 1/2  
SEC 33  
T22N R5E

PARCEL ID 25-08-33.0-003-000-001.010  
AARON W. WOODRUFF AND  
CARMEN C. WOODRUFF  
830/633

SEE NEXT SHEET

WINDSTREAM  
(ABANDON BY OTHERS)  
BRIGHTSPEED  
(ABANDON BY OTHERS)

CR-278 MATCHLINE STA. 11+00.00

CLAY COUNTY REGIONAL WATER  
(BY OTHERS)

CR-278/  
STATE LINE RD.

CLAY COUNTY - OHE  
(TO BE REMOVED, ABANDON)

5'X5'  
BOX CULVERT  
F617

END CONSTRUCTION  
(FUTURE CONSTRUCTION BY OTHERS)  
JOB NO. 101173

PROPOSED BRIDGE A9597  
CR-278 STA. 19+39.80 TO 21+86.30

NB US-67 GUARDRAIL TO BE INSTALLED BY OTHERS

END CONSTRUCTION  
STA. 1164+50.00

END CONSTRUCTION  
(FUTURE CONSTRUCTION BY OTHERS)  
JOB NO. 101173

NOTE: RIGHT OF WAY AND EASEMENTS IN  
ARKANSAS WILL BE ACQUIRED BY OTHERS.

| CURVE RAMP4_1 |                  |
|---------------|------------------|
| PI            | 4+97.75          |
| PC            | 0+00.00          |
| PT            | 9+84.61          |
| Δ             | 20°44'25.4" (LT) |
| D             | 2°6'23.3"        |
| L             | 984.61' (ARC)    |
| T             | 497.75'          |
| R             | 2,720.00'        |
| DS            | 50 MPH           |
| eMAX          | 8%               |
| eDESIGN       | 4%               |

| CURVE RAMP4_2 |                 |
|---------------|-----------------|
| PI            | 13+13.71        |
| PC            | 11+31.03        |
| PT            | 14+92.63        |
| Δ             | 20°6'53.0" (RT) |
| D             | 5°33'45.7"      |
| L             | 361.60' (ARC)   |
| T             | 182.68'         |
| R             | 1,030.00'       |
| DS            | 30 MPH          |
| eMAX          | 8%              |
| eDESIGN       | 4%              |

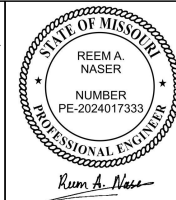
| CURVE CR278_RAMP1_1 |                  |
|---------------------|------------------|
| PI                  | 4+68.08          |
| PC                  | 0+00.00          |
| PT                  | 9+27.07          |
| Δ                   | 19°31'42.3" (RT) |
| D                   | 2°6'23.3"        |
| L                   | 927.07' (ARC)    |
| T                   | 468.08'          |
| R                   | 2,720.00'        |
| DS                  | 50 MPH           |
| eMAX                | 8%               |
| eDESIGN             | 4%               |

| CURVE CR278_RAMP1_2 |                  |
|---------------------|------------------|
| PI                  | 12+99.89         |
| PC                  | 11+22.64         |
| PT                  | 14+73.70         |
| Δ                   | 19°31'42.3" (LT) |
| D                   | 5°33'45.7"       |
| L                   | 351.06' (ARC)    |
| T                   | 177.25'          |
| R                   | 1,030.00'        |
| DS                  | 30 MPH           |
| eMAX                | 8%               |
| eDESIGN             | 4%               |

ROUTE 67

PLAN SHEET  
8 OF 9

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Reem A. Naser - Civil  
MO PE - 2024017333

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7/21/2026

ROUTE 67 STATE MO

DISTRICT SE SHEET NO. 11

COUNTY BUTLER

JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION



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

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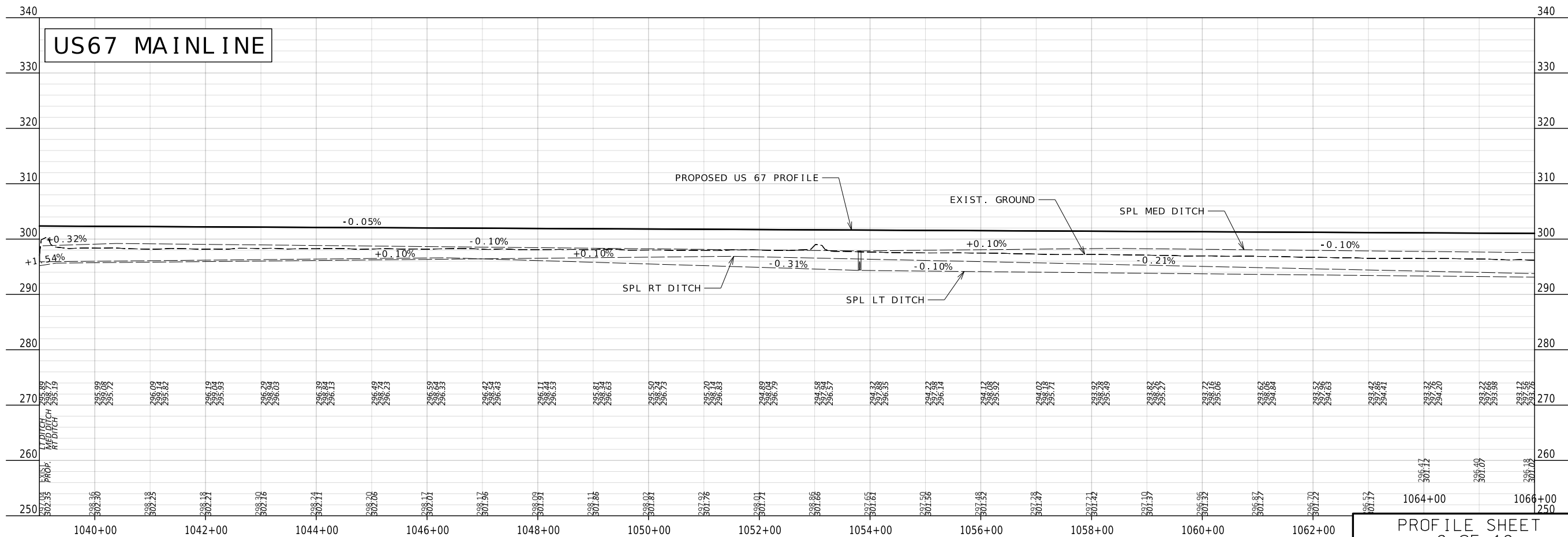
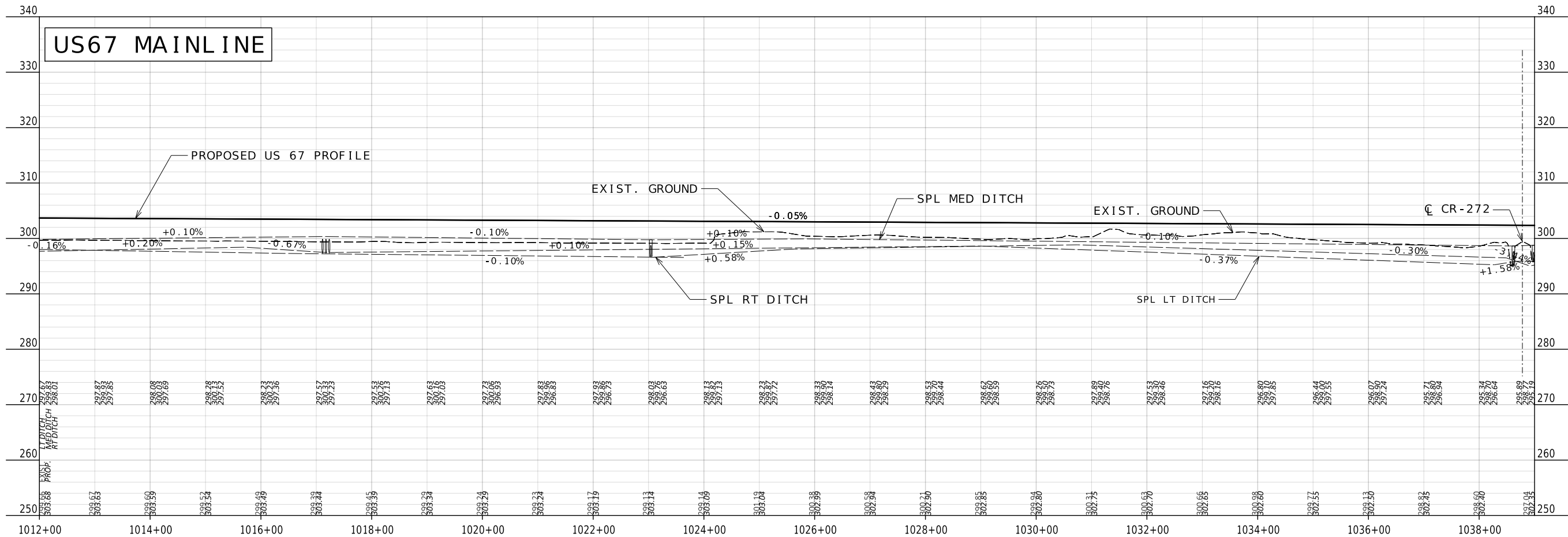


ROUTE 67  
PLAN SHEET  
9 OF 9

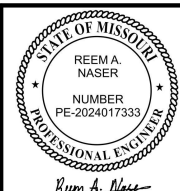
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PROFILE SHEET  
2 OF 12



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MO PE - 2024017333

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ROUTE 67 STATE MO  
DISTRICT SE SHEET NO. 14

COUNTY BUTLER

JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

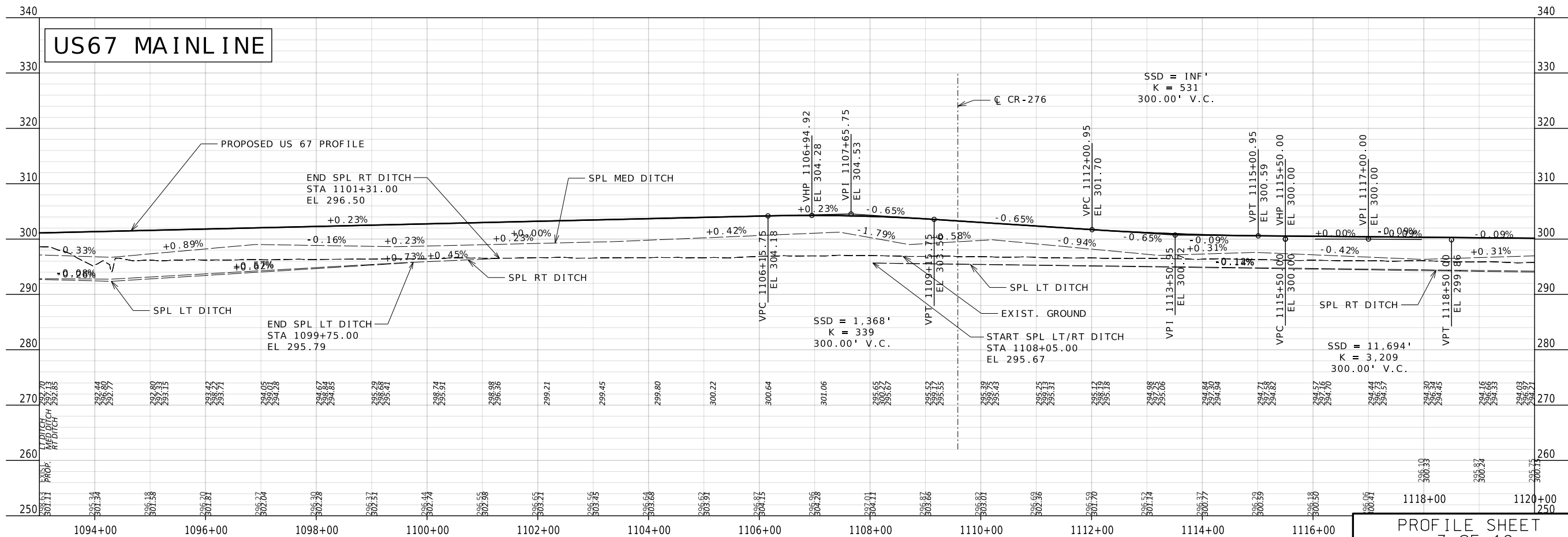
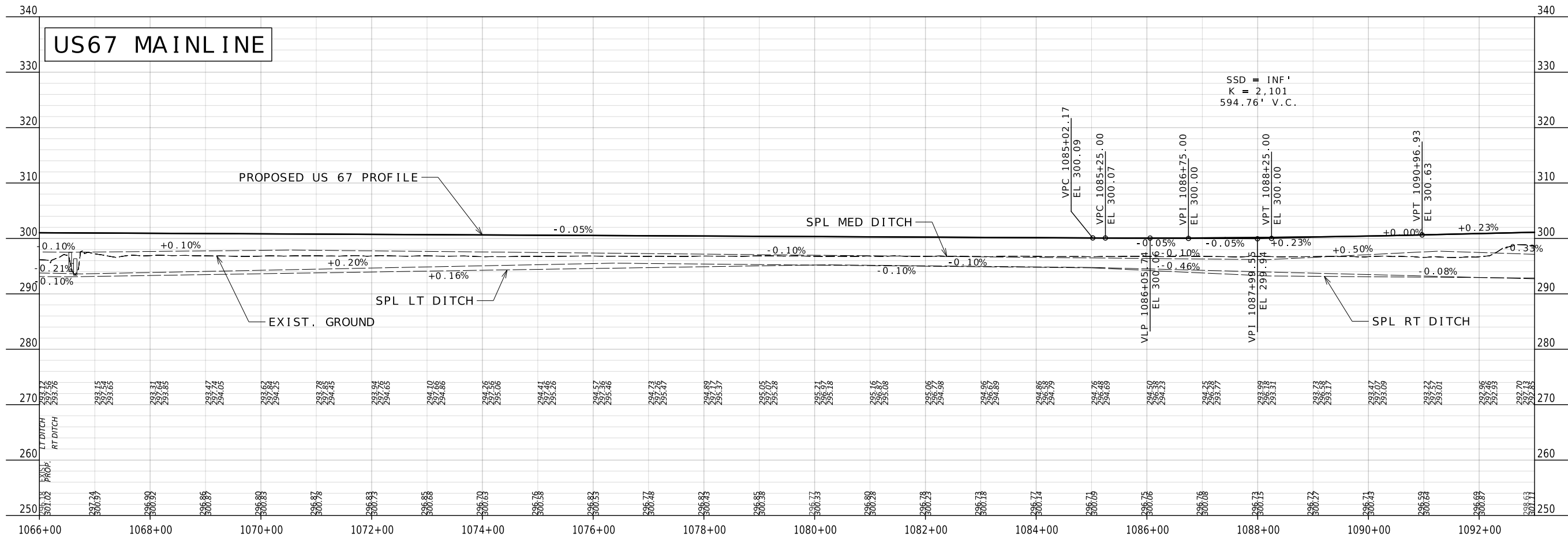
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

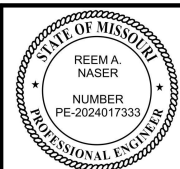
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3 OF 12



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MO PE - 2024017333

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ROUTE 67 STATE MO

DISTRICT SE SHEET NO. 15

COUNTY BUTLER

JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

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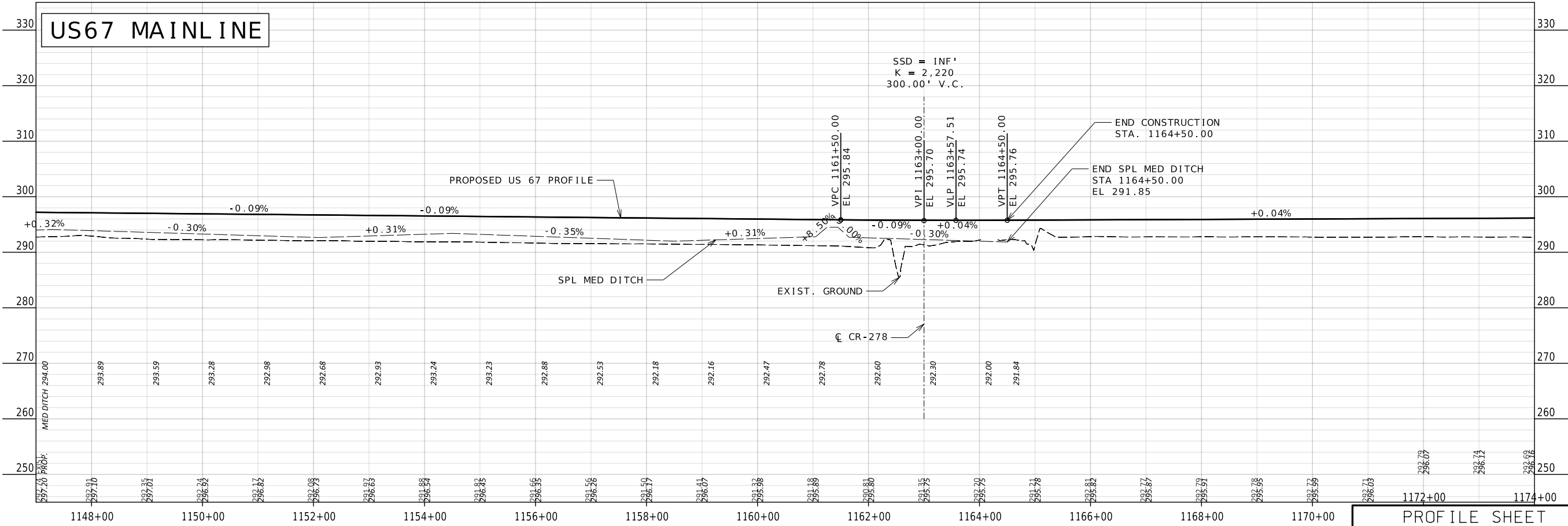
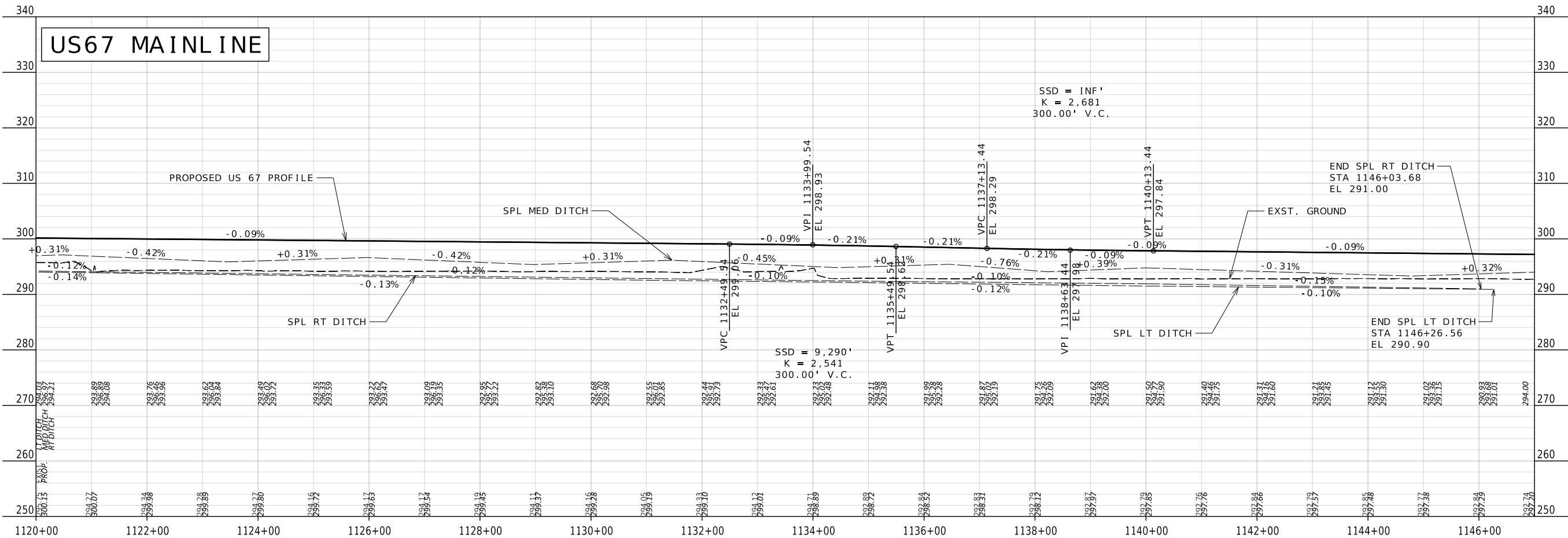
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ROUTE 67 STATE MO  
DISTRICT SE SHEET NO. 16

COUNTY BUTLER

JST0062

CONTRACT ID.

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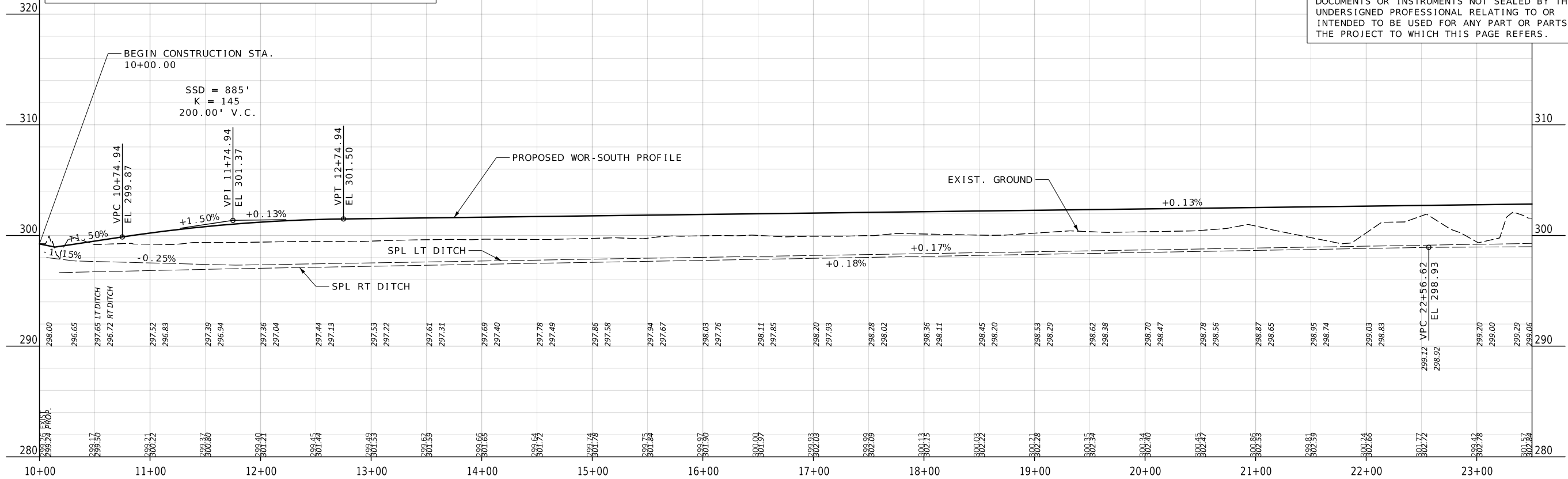
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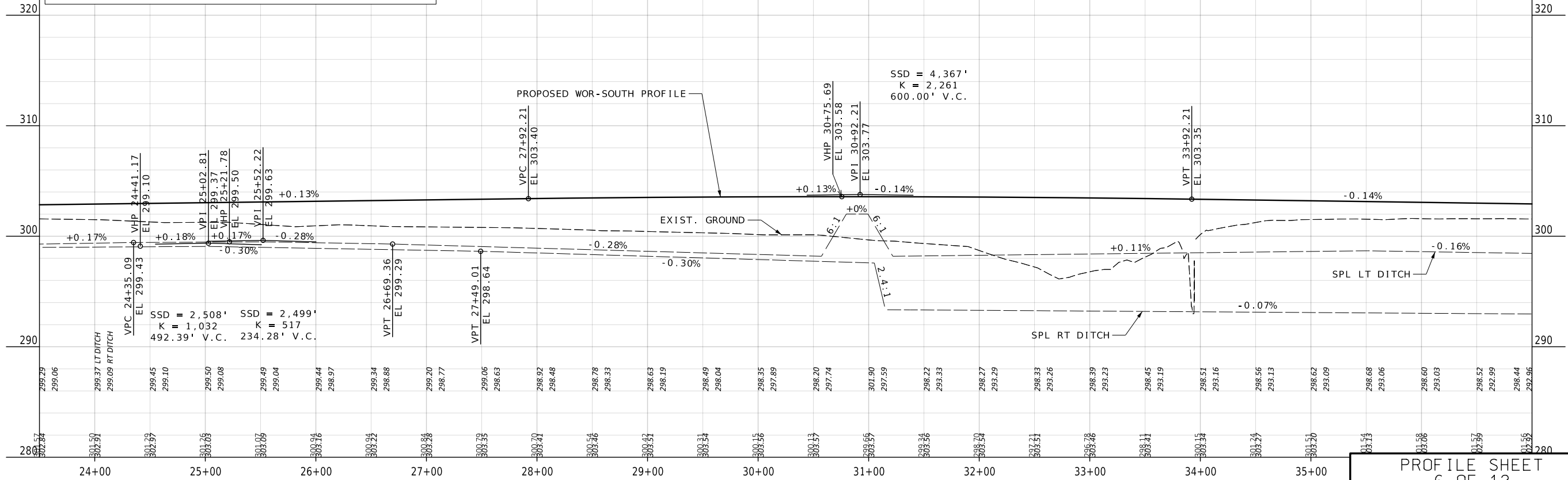
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WEST OUTER ROAD - SOUTH



WEST OUTER ROAD - SOUTH



PROFILE SHEET  
6 OF 12



07/22/2026 8:04:57 PM  
Margaret Ann Bruns - Civil  
MO PE-2010000798

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ROUTE 67 STATE MO

DISTRICT SE SHEET NO. 18

COUNTY BUTLER

JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

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

MoDOT

EFK Moen

Civil Engineering Design

13523 Barrett Parkway Dr  
Suite 250  
St. Louis, MO 63021

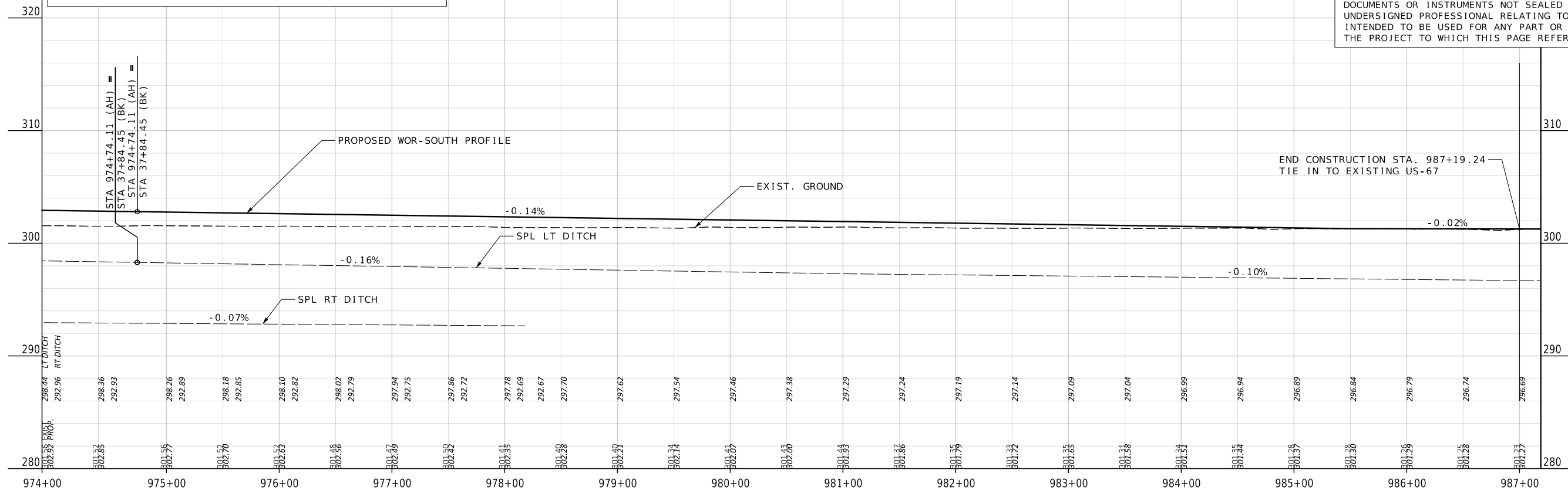
Phone 314-394-3100  
Fax 314-394-3199

Missouri Certificate of Authority: 001578

WEST OUTER ROAD - SOUTH

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7 OF 12



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MO PE-2010000798

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7/22/2026

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| ROUTE | STATE |
| 67    | MO    |

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| DISTRICT | SHEET NO. |
| S.E.     | 1.9       |

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BUTLER  
JOB NO.  
1670062

JST0062  
CONTRACT ID.

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BRIDGE NO.

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MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
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**EFK♦Moen**  
Civil Engineering Design

**Civil Engineering Design**  
13523 Barrett Parkway Dr  
Suite 250  
St. Louis, MO 63021  
Phone 314-394-3100  
Fax 314-394-3199  
Missouri Certificate of Authority: 001578

St. Louis, MO 63021 Fax 314-581-1578  
Missouri Certificate of Authority: 001578

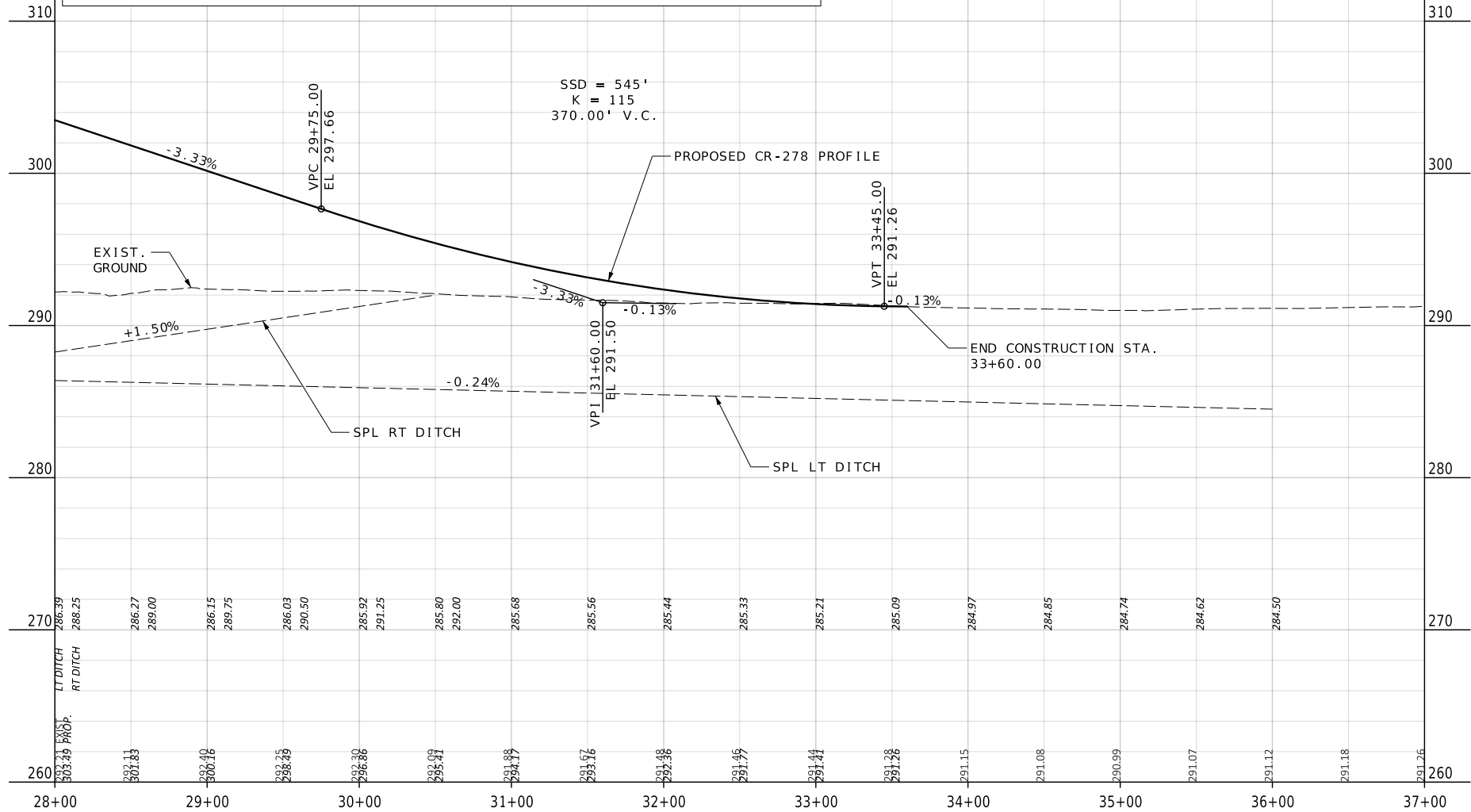
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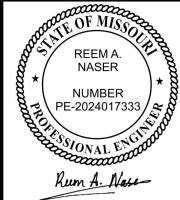




COUNTY ROAD 278 (STATE LINE ROAD)



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Reem A. Naser - Civil  
MO PE - 2024017333

ROUTE 67  
DISTRICT SE

STATE MO  
SHEET NO. 22

COUNTY BUTLER

JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

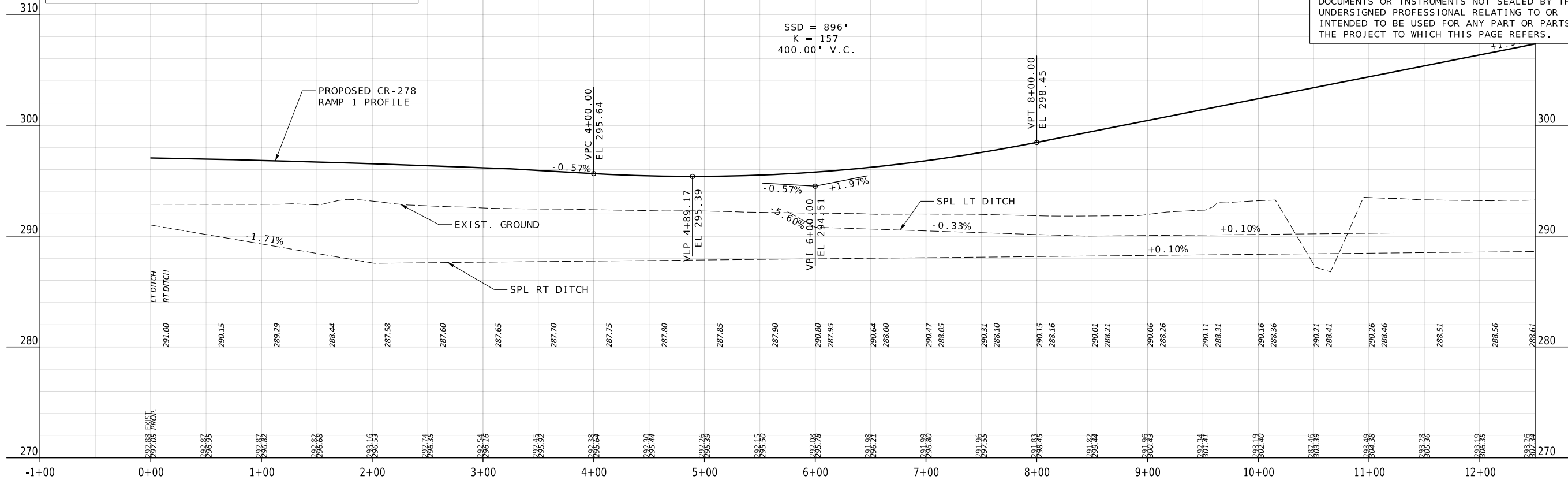
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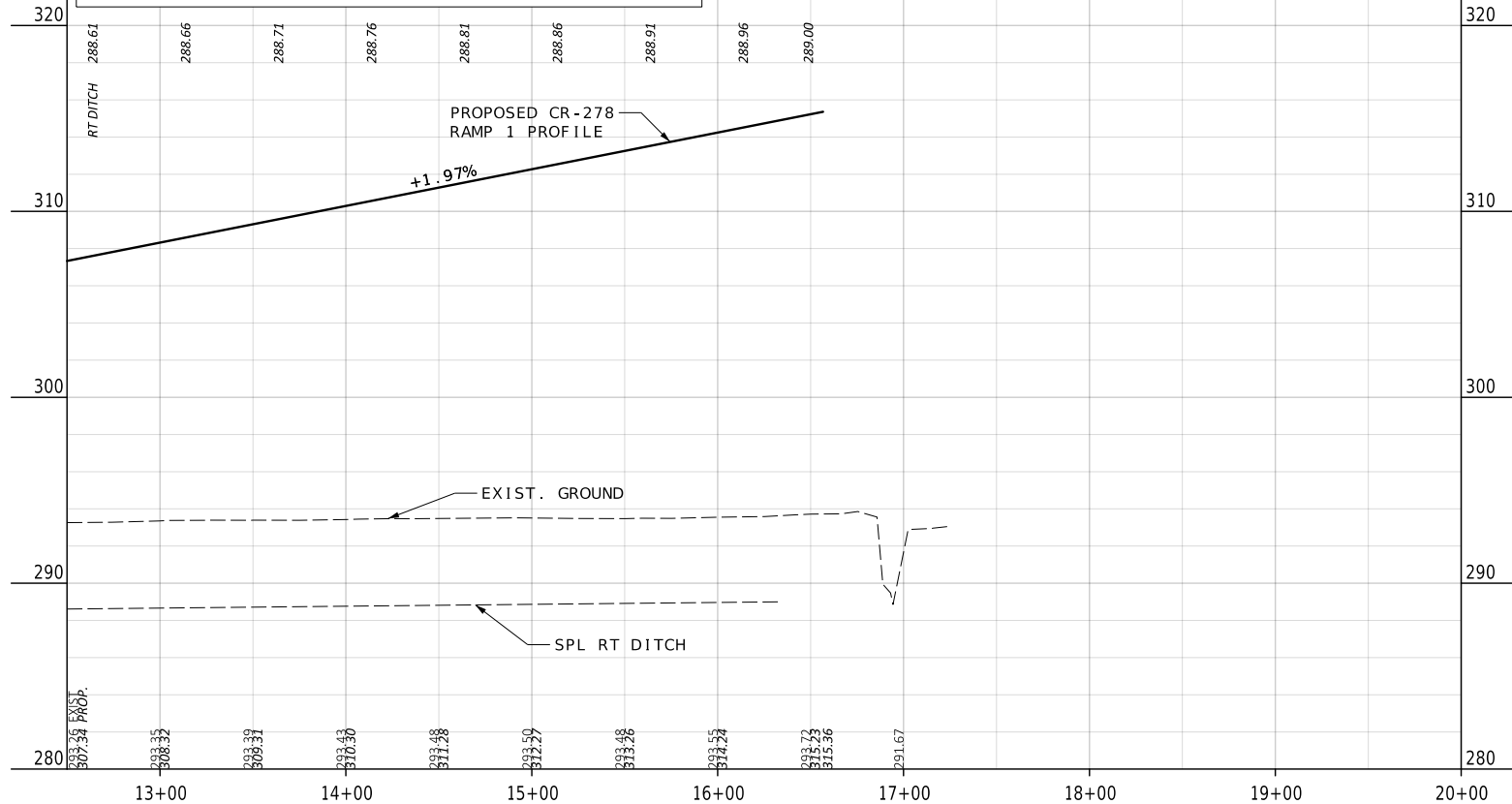
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COUNTY ROAD 278 - RAMP 1

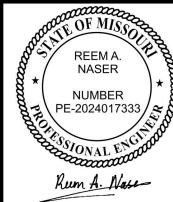


COUNTY ROAD 278 - RAMP 1



PROFILE SHEET  
11 OF 12

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MO PE - 2024017333

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7/21/2026

ROUTE 67 STATE MO

DISTRICT SE SHEET NO. 23

COUNTY BUTLER

JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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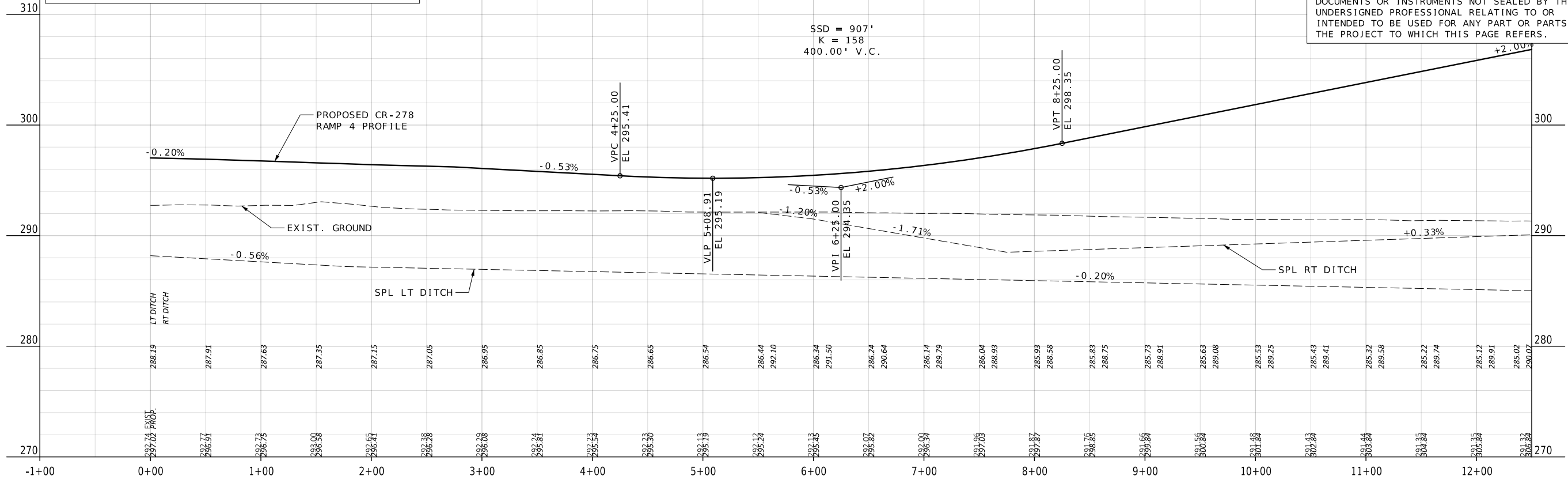
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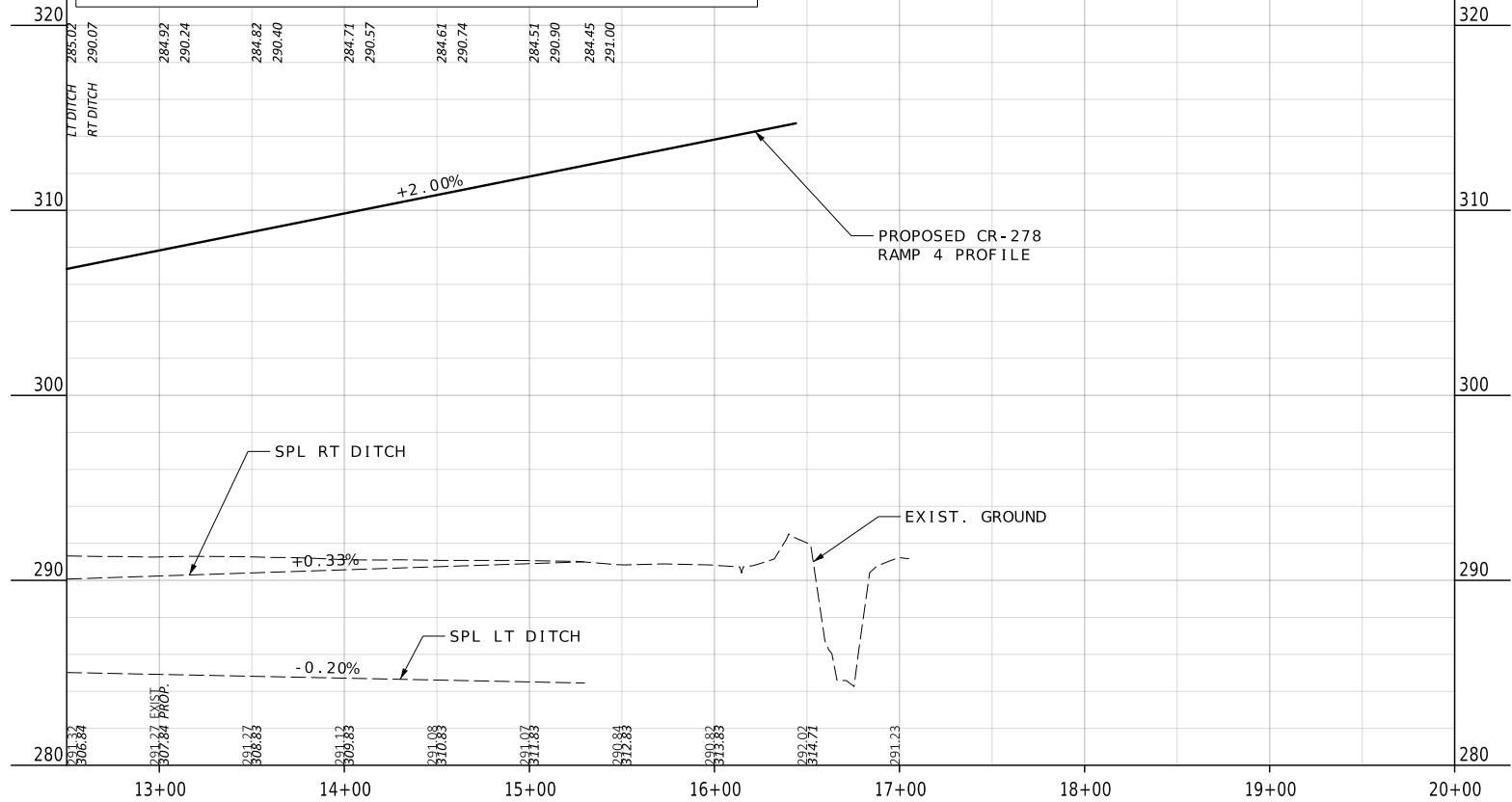
ENGINEERING CORPORATION - 000631



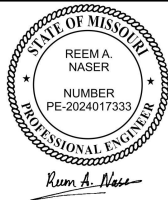
COUNTY ROAD 278 - RAMP 4



COUNTY ROAD 278 - RAMP 4



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Reem A. Naser - Civil  
MO PE - 2024017333

ROUTE  
67

STATE  
MO

DISTRICT  
SE

SHEET NO.  
24

COUNTY  
BUTLER

JOB NO.  
JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

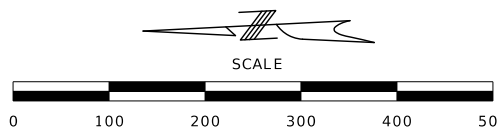


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PARCEL ID 25-05-16.0-000-000-005.0  
N/F  
DAVID & KATHERINE BOLIN  
1029/4731  
NO TAKING

PARCEL ID 25-05-16.0-000-000-005.01  
N/F  
M & S FARMS, LLC  
1035/5773  
5.49 AC NEW R/W WEST  
3.86 AC NEW R/W EAST  
0.00 AC PERM. ESM'T. (UTIL)  
27.19 AC REMAINING

CLOSING CORNER  
SECTS. 15, 16, 21, 622,  
T.22N., R5.E SET CONC.  
IRON BOLT IN PAVEMENT  
(FROM IRON BOLT TO ALIGN.  
US67\_3661: DISTANCE OF 1,159.50'  
MOVING N89°38'55"W AT STA. 981+36.97)

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PARCEL ID 25-05-16.0-000-000-011.0  
N/F  
HOOTERVILLE SALOON, LLC  
1035/2537  
0.02 AC NEW R/W  
0.00 AC PERM. ESM'T. (UTIL)  
0.02 AC TEMP. ESM'T.  
0.42 AC REMAINING

NE 1/4 OF THE SE 1/4  
SEC 16  
T22N R5E

PARCEL ID 25-05-16.0-000-000-008.0  
N/F  
JIMMY R. ARRINGTON & SANDRA J. DOBBINS  
1043/1790  
4.50 AC NEW R/W WEST  
4.76 AC NEW R/W EAST  
0.00 AC PERM. ESM'T. (UTIL)  
0.10 AC TEMP. ESM'T.  
10.47 AC REMAINING  
TYPE I DRWY. LT.  
STA. 11+06.97  
NO SKEW  
248.5' TOP, NO PIPE  
PROPOSED GRADE: -12.75%  
EXISTING GRADE: -0.71%

PARCEL ID 25-05-16.0-000-000-010.0  
N/F  
ALVIN WAYNE & EDITH DARLENE  
ISOM  
1039/2237  
0.00 AC NEW R/W  
0.00 AC PERM. ESM'T. (UTIL)  
0.08 AC TEMP. ESM'T.  
5.26 AC REMAINING  
TYPE I DRWY. LT.  
STA. 15+75.04  
NO SKEW  
80.0' TOP, NO PIPE  
PROPOSED GRADE: 0.96%  
EXISTING GRADE: 1.29%

PARCEL ID 25-05-16.0-000-000-014.0  
N/F  
JIM ARRINGTON  
1043/1464  
0.00 AC NEW R/W  
0.00 AC PERM. ESM'T. (UTIL)  
0.05 AC TEMP. ESM'T.  
0.30 AC REMAINING  
TYPE I DRWY. LT.  
STA. 13+01.48  
NO SKEW  
8.5' TOP, NO PIPE  
PROPOSED GRADE: -1.56%  
EXISTING GRADE: -3.08%

PARCEL ID 25-05-16.0-000-000-013.0  
N/F  
TERRY COZART  
1027/6702  
0.00 AC NEW R/W  
0.00 AC PERM. ESM'T. (UTIL)  
0.05 AC TEMP. ESM'T.  
0.45 AC REMAINING  
TYPE I DRWY. LT.  
STA. 14+22.60  
NO SKEW  
18.0' TOP, NO PIPE  
PROPOSED GRADE: 2.00%  
EXISTING GRADE: 2.00%

PARCEL ID 25-05-21.0-000-000-002.0  
25-05-21.0-000-000-002.01  
N/F  
OROSZ PROPERTIES, LLC  
1040/687  
0.03 AC NEW R/W  
0.00 AC PERM. ESM'T. (UTIL)  
0.42 AC REMAINING  
TYPE I DRWY. RT.  
STA. 13+08.61  
NO SKEW  
10.0' TOP, NO PIPE  
PROPOSED GRADE: -1.00%  
EXISTING GRADE: -2.13%

RIGHT-OF-WAY LEGEND  
JST0062 - PHASE 4  
LIMITS

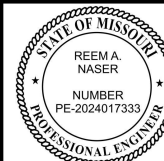
NW 1/4 OF THE SE 1/4  
SEC 16  
T22N R5E

BEGIN CONSTRUCTION  
WOR STA 10+00.00  
= CR-270 STA 5+68.49

STA 4+39.99  
OFF 19.01' LT.  
STA 4+40.70  
OFF 20.98' RT  
STA 4+49.44  
OFF 37.46' RT.

STA 2+05.58  
OFF 25.04' LT  
STA 2+05.60  
OFF 15.04' LT  
STA 2+05.59  
OFF 36.96' RT  
STA 2+05.60  
OFF 24.96' RT

ROUTE 67  
RIGHT OF WAY SHEET  
1 OF 9



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ROUTE 67  
STATE MO

DISTRICT SE  
SHEET NO. 25

COUNTY BUTLER

JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

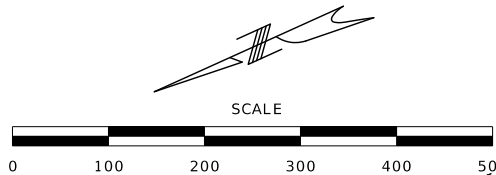
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JEFFERSON CITY, MO 65102  
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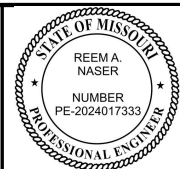




| CURVE US67_5 |                  |
|--------------|------------------|
| PI           | 1050+67.09       |
| PC           | 1013+82.70       |
| PT           | 1085+98.76       |
| Δ            | 28°30'49.6" (LT) |
| D            | 0°23'42.5"       |
| L            | 7,216.06' (ARC)  |
| T            | 3,684.39'        |
| R            | 14,500.00'       |
| DS           | 70 MPH           |
| eMAX         | 8%               |
| eDESIGN      | N.C.             |

| CURVE CR-272-ENT_1 |                   |
|--------------------|-------------------|
| PI                 | 10+58.09          |
| PC                 | 10+36.95          |
| PT                 | 10+78.63          |
| Δ                  | 23°52'56.9" (RT)  |
| D                  | 57°17'44.8"       |
| L                  | 41.68' (ARC)      |
| T                  | 21.15'            |
| R                  | 100'              |
| DS                 | 20 MPH            |
| eMAX               | N/A - (LOW SPEED) |
| eDESIGN            | N.C.              |

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ROUTE 67 STATE MO

DISTRICT SE SHEET NO. 27

COUNTY BUTLER

JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

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PROP. US 67 MATCHLINE STA. 1012+00.00

PROP. US 67 MATCHLINE STA. 1039+00.00

PARCEL ID 25-05-21.0-000-000-006.0  
N/F  
JOSEPH A. JANES  
REVOCABLE LIVING TRUST  
1045/761

6.32 AC NEW R/W WEST  
4.34 AC NEW R/W EAST  
0.00 AC PERM. ESM'T. (UTIL)  
60.22 AC REMAINING EAST  
6.35 AC REMAINING WEST 1  
0.48 AC REMAINING WEST 2

NW 1/4 OF THE SE 1/4  
SEC 21  
T22N R5E

PARCEL ID 25-05-21.0-000-000-007.0  
N/F  
MITCHELL ANTON HRIBOVSEK TRUST  
1029/4745

1.10 AC NEW R/W WEST  
2.15 AC NEW R/W EAST  
0.00 AC PERM. ESM'T. (UTIL)  
76.98 AC REMAINING EAST  
0.18 AC REMAINING WEST

SW 1/4 OF THE SE 1/4  
SEC 21  
T22N R5E

STA 1039+00.00  
OFF 125.00' LT

STA 1038+61.82  
OFF 113.65' LT

STA 1038+29.64  
OFF 145.74' LT

STA 1038+36.70  
OFF 125.00' LT

STA 1038+15.41  
OFF 125.00' LT

STA 1033+18.70  
OFF 125.00' LT

STA 1038+42.52  
OFF 107.87' LT

STA 1023+35.46  
OFF 125.00' RT

STA 1026+94.52  
OFF 125.00' RT

STA 1024+88.11  
OFF 125.00' RT

STA 1023+36.19  
OFF 285.03' RT

STA 1022+38.33  
OFF 322.83' RT

PARCEL ID 25-05-21.0-000-000-009.0  
N/F  
M AND M AHRENT FARMS, LLC  
1034/957  
NO TAKING

NE 1/4 OF THE SW 1/4  
SEC 21  
T22N R5E

SE 1/4 OF THE SW 1/4  
SEC 21  
T22N R5E

PARCEL ID 25-05-21.0-000-000-008.0  
N/F  
JD2 HOLDINGS, LLC  
734/125

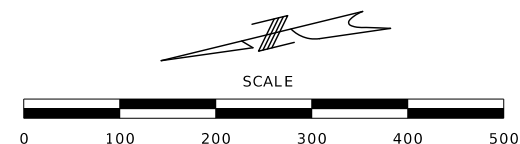
2.98 AC NEW R/W WEST  
1.95 AC NEW R/W EAST  
0.00 AC PERM. ESM'T. (UTIL)  
0.90 AC REMAINING EAST  
62.25 AC REMAINING WEST

SE 1/4 OF THE SW 1/4  
SEC 21  
T22N R5E

ROUTE 67

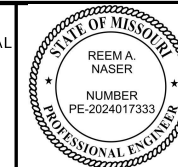
RIGHT OF WAY SHEET

3 OF 9



| CURVE RTE-272-ENT_2 |                  |
|---------------------|------------------|
| PI                  | 15+77.08         |
| PC                  | 15+03.18         |
| PT                  | 16+47.69         |
| Δ                   | 29°34'13.7" (LT) |
| D                   | 20°27'46.0"      |
| L                   | 144.51' (ARC)    |
| T                   | 73.90'           |
| R                   | 280.00'          |
| DS                  | 20 MPH           |
| eMAX                | N/A-(LOW SPEED)  |
| eDESIGN             | N.C.             |

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|          |           |
|----------|-----------|
| ROUTE    | STATE     |
| 67       | MO        |
| DISTRICT | SHEET NO. |
| SE       | 28        |

COUNTY  
BUTLER

JOB NO.  
JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

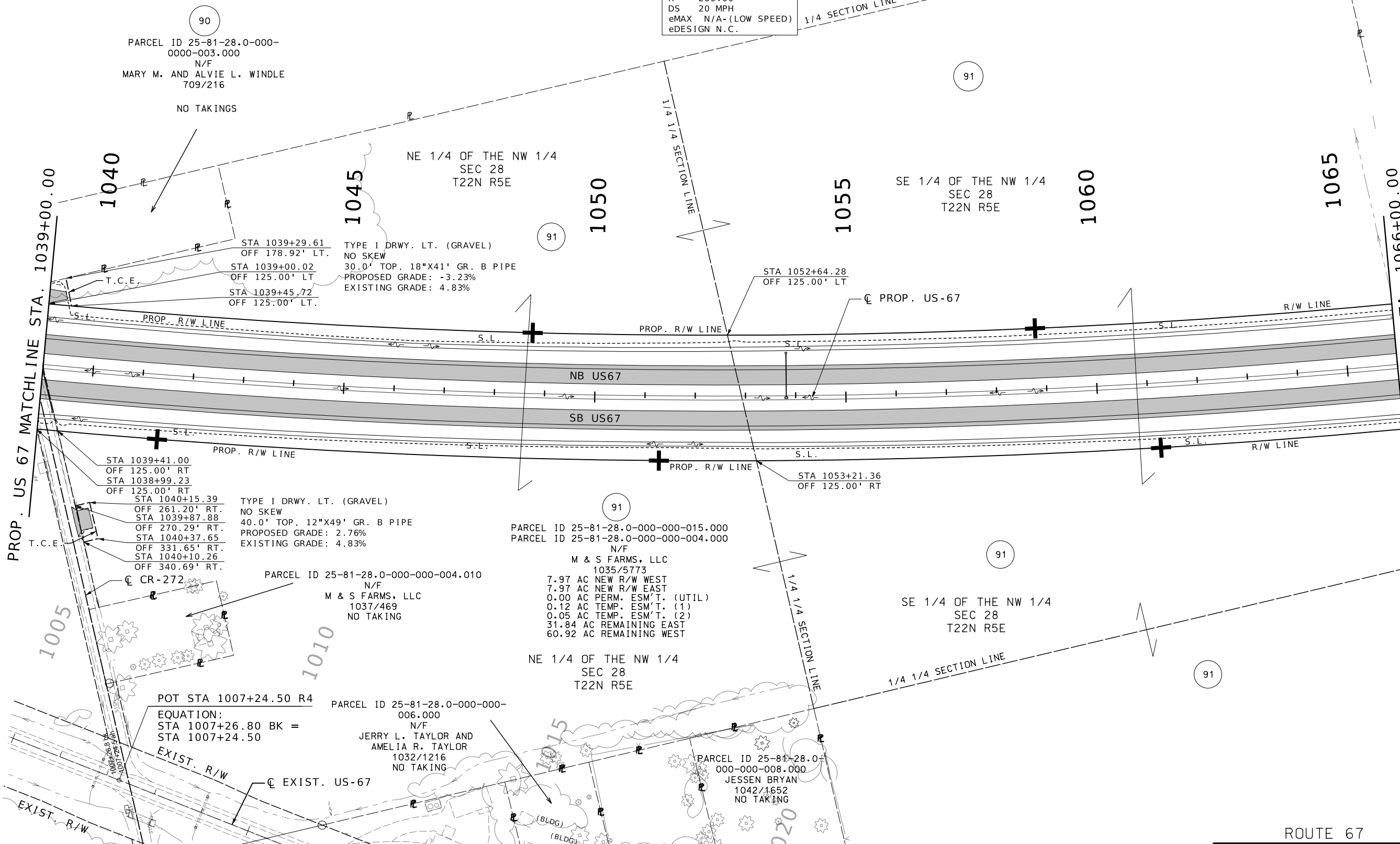
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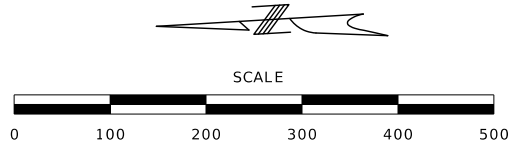
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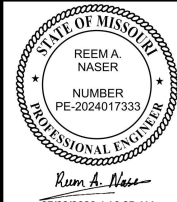
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ROUTE 67  
RIGHT OF WAY SHEET  
4 OF 9



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DISTRICT **SE** SHEET NO. **29**

COUNTY  
**BUTLER**

JOB NO.  
**JST0062**

CONTRACT ID.

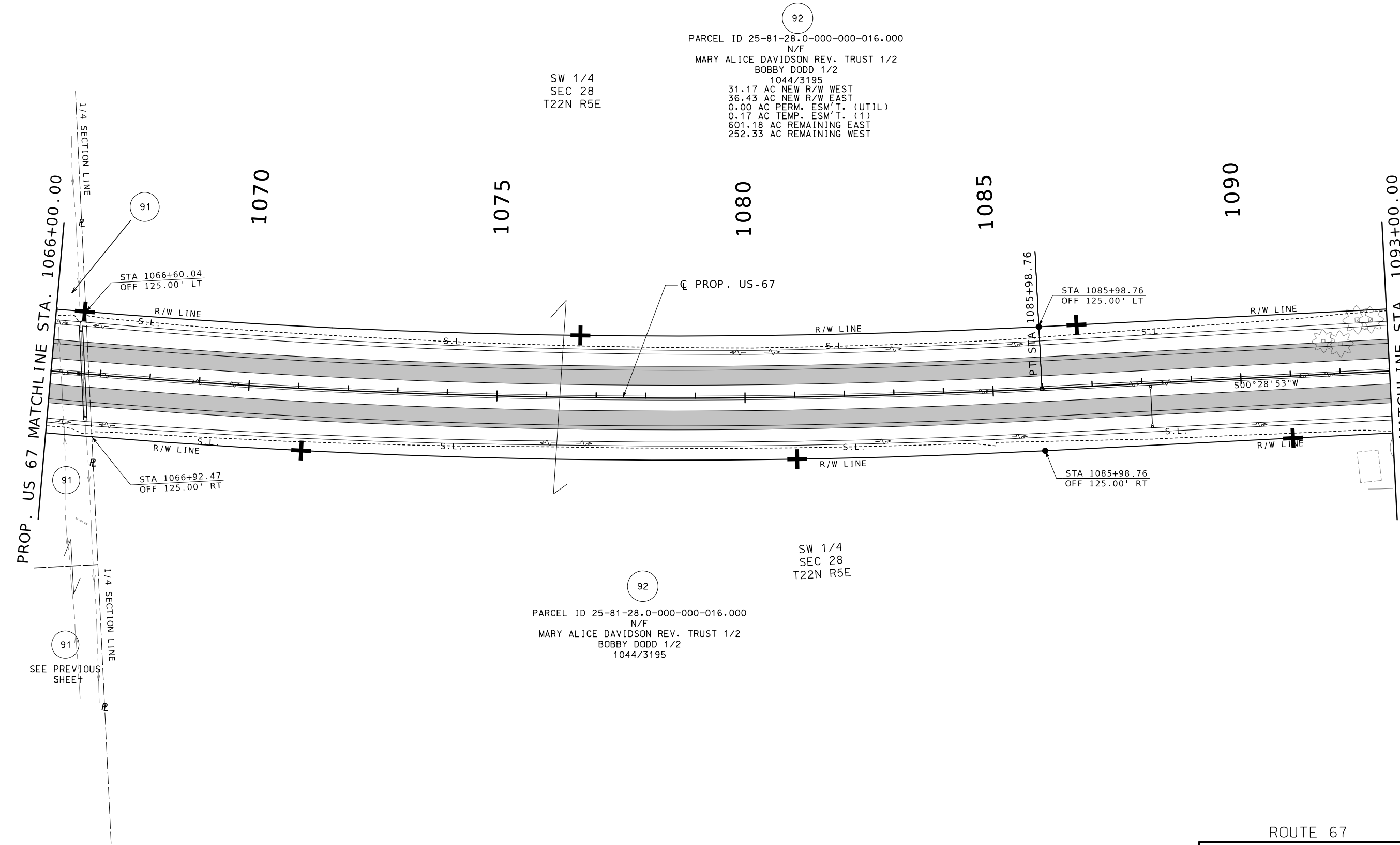
PROJECT NO.

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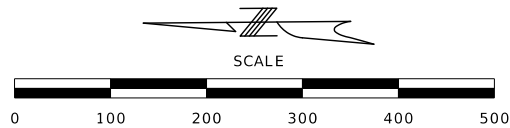
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ROUTE 67  
RIGHT OF WAY SHEET  
5 OF 9





W 1/2  
SEC 33  
T22N R5E

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ROUTE 67 STATE MO

DISTRICT SE SHEET NO. 30

COUNTY BUTLER

JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

PROP. US 67 MATCHLINE STA. 1120+00.00

| DATE | DESCRIPTION |
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ROUTE 67  
RIGHT OF WAY SHEET  
6 OF 9

PROP. US 67 MATCHLINE STA. 1093+00.00

STA 1093+94.32  
OFF 125.00' LT  
STA 1094+34.32  
OFF 125.00' LT

R/W LINE

S.L.

STA 1094+32.50  
OFF 125.00' RT  
STA 1093+92.50  
OFF 125.00' RT

R/W LINE

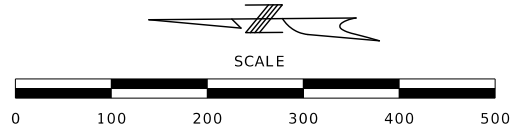
S.L.

PUMP

92  
PARCEL ID 25-82-33.0-000-000-001.000  
N/F  
MARY ALICE DAVIDSON REV. TRUST 1/2  
BOBBY DODD 1/2  
1044/3195

92  
PARCEL ID 25-82-33.0-000-000-001.000  
N/F  
MARY ALICE DAVIDSON REV. TRUST 1/2  
BOBBY DODD 1/2  
1044/3195

W 1/2  
SEC 33  
T22N R5E



W 1/2  
SEC 33  
T22N R5E

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ROUTE **67** STATE **MO**

DISTRICT **SE** SHEET NO. **31**

COUNTY  
**BUTLER**

JOB NO.  
**JST0062**

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
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PROP. US 67 MATCHLINE STA. 1120+00.00



1125

1130

1135

1140

1145

0

PROP. US 67 MATCHLINE STA. 1147+00.00

92  
PARCEL ID 25-82-33.0-000-000-001.000  
N/F  
MARY ALICE DAVIDSON REV. TRUST 1/2  
BOBBY DODD 1/2  
1044/3195

92  
PARCEL ID 25-82-33.0-000-000-001.000  
N/F  
MARY ALICE DAVIDSON REV. TRUST 1/2  
BOBBY DODD 1/2  
1044/3195

W 1/2  
SEC 33  
T22N R5E

STA 1138+00.00  
OFF 125.00' LT  
CL PROP. US-67

STA 1140+00.00  
OFF 125.00' RT

STA 1147+59.85  
OFF 147.42' RT

STA 1147+64.61  
OFF 147.56' RT.

STA 1147+63.97  
OFF 256.48' RT.

STA 1147+55.22  
OFF 304.27' RT.

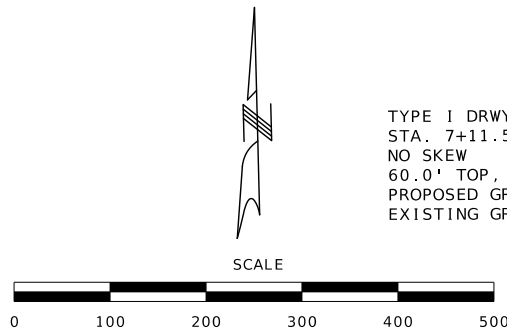
STA 1147+63.71  
OFF 304.27' RT.

ROUTE 67

RIGHT OF WAY SHEET  
7 OF 9







TYPE I DRWY. LT.  
STA. 7+11.54  
NO SKEW  
60.0' TOP, 24"X73' GR. A PIPE  
PROPOSED GRADE: -5.00%  
EXISTING GRADE: 1.98%

M&S FARMS LLC  
936/880  
NO TAKINGS

PARCEL ID 25-08-33.0-003-000-007.010  
JERRY TAYLOR AND AMELIA TAYLOR  
1032/5386  
0.05 AC NEW R/W  
0.00 AC PERM. ESM'T. (UTIL)  
7.93 AC REMAINING

LOT 3  
SEC 32  
T22N R5E

JERRY TAYLOR AND AMELIA TAYLOR  
1032/5386  
0.07 AC NEW R/W  
0.00 AC PERM. ESM'T. (UTIL)  
7.76 AC REMAINING

PARCEL ID 25-08-33.0-003-000-010.000  
BJG PROPERTIES, LLC  
936/880  
0.02 AC NEW R/W  
0.00 AC PERM. ESM'T. (UTIL)  
1.94 AC REMAINING

CLOSING CORNER  
SECTS. 32 & 33,  
T. 22N., R5.E SET CONC.  
NAIL IN PAVEMENT  
(FROM NAIL TO ALIGN. US67\_3661:  
DISTANCE OF 1,563.11'  
MOVING S89°45'23"E)  
PROP. US-67 STA. 1162+93.08

| CURVE CR278W_1 |                  |
|----------------|------------------|
| PI             | 3+69.13          |
| PC             | 2+64.72          |
| PT             | 4+72.78          |
| Δ              | 11°55'15.0" (LT) |
| D              | 5°43'46.5"       |
| L              | 208.06' (ARC)    |
| T              | 104.41'          |
| R              | 1,000.00'        |
| DS             | 55 MPH           |
| eMAX           | 8%               |
| eDESIGN        | N.C.             |

| CURVE CR278_1 |                |
|---------------|----------------|
| PI            | 10+04.47       |
| PC            | 8+16.03        |
| PT            | 11+92.86       |
| Δ             | 2°9'32.7" (LT) |
| D             | 0°34'22.6"     |
| L             | 376.83' (ARC)  |
| T             | 188.44'        |
| R             | 10,000.00'     |
| DS            | 55 MPH         |
| eMAX          | 8%             |
| eDESIGN       | N.C.           |

93

96

98

97

92

SEE PREVIOUS SHEET

TYPE I DRWY. LT.  
STA. 31+94.56  
NO SKEW  
20.0' TOP, 24"X45  
PROPOSED GRADE: -  
EXISTING GRADE: N

E 1/2  
SEC 33  
T22N R5E

1/4 SECTION LINE

CR 278 MATCHLINE STA. 30+00.00

35

MoArk DITCH

CR278/  
STATE LINE RD.

ARKANSAS SECTION LINE

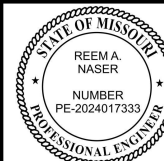
10

END STA 12+00.00

ROUTE 67

RIGHT OF WAY SHEET  
9 OF 9

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7/27/2026

ROUTE 67 STATE MO

DISTRICT SE SHEET NO. 33

COUNTY BUTLER

JOB NO. JST0062

CONTRACT ID.

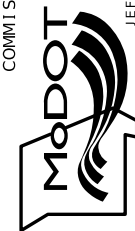
PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

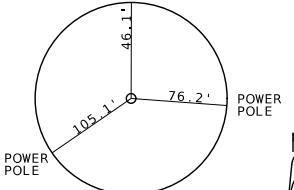


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1631 WEST ELFINDALE STREET  
SPRINGFIELD, MO 65807 (417) 869-6009  
ENGINEERING CORPORATION - 000631

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| COORDINATE POINT LISTING |            |                 |               |                               |                        |                          |                                                                       |
|--------------------------|------------|-----------------|---------------|-------------------------------|------------------------|--------------------------|-----------------------------------------------------------------------|
| PROJECT CONTROL POINTS   |            |                 |               |                               |                        |                          |                                                                       |
| SHEET NO.                | STATION    | LOCATION        | OFFSET (USFT) | MODIFIED STATE PLANE (GROUND) |                        |                          | DESCRIPTION                                                           |
|                          |            |                 |               | NORTHING (US SURVEY FT)       | EASTING (US SURVEY FT) | ELEVATION (US SURVEY FT) |                                                                       |
| 13                       | 1163+13.21 | US ROUTE 67     | 837.90' LT    | 242118.6700'                  | 810961.7700'           | 292.33                   | CP-123 COPPERWELD MONUMENT (S/O CO RD 278 NEAR CO RD 181)             |
| 7                        | 1041+85.25 | US ROUTE 67     | 909.57' RT    | 254459.6900'                  | 810026.2500'           | 298.29                   | CP-138 5/8" W/ MODOT CAP (S/O CO RD 272 AND W/O EXIST US RTE 67)      |
| 9                        | 1094+33.47 | US ROUTE 67     | 1613.00' RT   | 249018.7600'                  | 808568.7400'           | 295.03                   | CP-140 5/8" W/ MODOT CAP(S/O CO RD 276 AND W/O EXIST US RTE 67)       |
| 7                        | 1147+05.54 | US ROUTE 67     | 1588.64' RT   | 243746.6700'                  | 808548.8100'           | 294.80                   | CP-142 5/8" W/ MODOT CAP (S/O DRIVEWAY W/O EXIST US RTE 67)           |
| 13                       | 1162+66.48 | US ROUTE 67     | 1612.90' RT   | 242185.9900'                  | 808511.4400'           | 293.47                   | CP-143 5/8" W/ MODOT CAP (NW CORNER OF CO RD 278 AND EXIST US RTE 67) |
| ALIGNMENTS               |            |                 |               |                               |                        |                          |                                                                       |
| SHEET NO.                | STATION    | LOCATION        | REGION (USFT) | NORTHING (US SURVEY FT)       | EASTING (US SURVEY FT) | RADIUS (US SURVEY FT)    |                                                                       |
| 4                        | 929+08.60  | EXIST. US 67    | R3            | 261,156.7055                  | 814,038.9305           |                          | POB / PC                                                              |
| 4                        | 940+88.25  | EXIST. US 67    | R3            | 259,977.2090                  | 814,020.0526           | 3,816.72                 | PI                                                                    |
| 4                        | 942+68.00  | EXIST. US 67    | R3            | 259,829.8689                  | 813,778.1236           |                          | POI WITH CO RD 270                                                    |
| 5                        | 951+96.80  | EXIST. US 67    | R3            | 259,014.0612                  | 813,338.9399           |                          | PT                                                                    |
| 6                        | 987+00.00  | EXIST. US 67    | R3            | 256,153.8004                  | 811,316.2387           |                          | PI                                                                    |
| 7                        | 1007+24.50 | EXIST. US 67    | R4            | 254,498.3758                  | 810,146.8417           |                          | PI & EQUATION 1007+24.50 R4 AHEAD / 1007+26.80 R3 BACK                |
|                          | 1018+89.55 | EXIST. US 67    | R4            | 253,546.6267                  | 809,474.8848           |                          | POE                                                                   |
| 4                        | 925+27.73  | US ROUTE 67     | R1            | 265,436.3861                  | 813,135.0271           |                          | POB                                                                   |
| 5                        | 986+82.89  | US ROUTE 67     | R1            | 259,289.0182                  | 812,825.2850           |                          | PC                                                                    |
| 5                        | 998+53.91  | US ROUTE 67     | R1            | 258,119.4845                  | 812,766.3567           | 5,050.00                 | PI                                                                    |
| 5                        | 1009+84.26 | US ROUTE 67     | R1            | 257,095.2404                  | 812,198.7251           |                          | PT                                                                    |
| 6                        | 1013+82.70 | US ROUTE 67     | R1            | 256,746.7350                  | 812,005.5849           |                          | PC                                                                    |
| 7                        | 1050+67.09 | US ROUTE 67     | R1            | 253,524.1436                  | 810,219.6388           | 14,500.00                | PI                                                                    |
| 8                        | 1085+98.76 | US ROUTE 67     | R1            | 249,839.8877                  | 810,188.6920           |                          | PT                                                                    |
| 9                        | 1162+93.08 | US ROUTE 67     | R1            | 242,145.8370                  | 810,124.0640           |                          | POI WITH CR 277                                                       |
|                          | 1204+60.01 | US ROUTE 67     | R1            | 237,979.0542                  | 810,089.0641           |                          | POE                                                                   |
| 4                        | 10+00.00   | WEST OUTER RD S | R1            | 259,835.4124                  | 812,574.4630           |                          | POB                                                                   |
| 5                        | 22+80.73   | WEST OUTER RD S | R1            | 258,556.3074                  | 812,510.0139           |                          | PC                                                                    |
| 5                        | 30+53.27   | WEST OUTER RD S | R1            | 257,784.7404                  | 812,471.1376           | 2660.00                  | PI                                                                    |
| 6                        | 974+74.11  | WEST OUTER RD S | R2            | 257,154.0368                  | 812,024.9988           |                          | PT & EQUATION 974+74.11 R2 AHEAD / 37+84.45 R1 BACK                   |
| 6                        | 990+68.71  | WEST OUTER RD S | R2            | 255,852.2119                  | 811,104.1313           |                          | POE                                                                   |
| 4                        | 0+00.00    | COUNTY RD 270   | R1            | 259,842.4640                  | 812,006.0373           |                          | POB                                                                   |
| 4                        | 2+15.85    | COUNTY RD 270   | R1            | 259,841.3052                  | 812,221.8830           |                          | PI                                                                    |
| 4                        | 4+65.83    | COUNTY RD 270   | R1            | 259,835.9635                  | 812,471.8043           |                          | PI                                                                    |
| 4                        | 6+93.00    | COUNTY RD 270   | R1            | 259,834.7440                  | 812,698.9770           |                          | PI                                                                    |
| 4                        | 8+46.78    | COUNTY RD 270   | R1            | 259,834.2503                  | 812,852.7571           |                          | POI WITH US ROUTE 67                                                  |
| 4                        | 10+86.23   | COUNTY RD 270   | R1            | 259,833.4818                  | 813,092.1993           |                          | PI                                                                    |
| 4                        | 17+69.26   | COUNTY RD 270   | R1            | 259,829.8861                  | 813,775.2271           |                          | POE                                                                   |
| 13                       | 5+00.00    | COUNTY RD 278   | R1            | 242,177.9677                  | 808,561.5446           |                          | START                                                                 |
| 13                       | 8+16.03    | COUNTY RD 278   | R1            | 242,163.4094                  | 808,877.2391           |                          | POB                                                                   |
| 13                       | 10+04.47   | COUNTY RD 278   | R1            | 242,154.7289                  | 809,065.4762           | 10,000.00                | PI                                                                    |
| 13                       | 11+92.86   | COUNTY RD 278   | R1            | 242,153.1461                  | 809,253.9066           |                          | PT                                                                    |
| 13                       | 20+63.05   | COUNTY RD 278   | R1            | 242,145.8370                  | 810,124.0640           |                          | POI WITH US ROUTE 67                                                  |
| 13                       | 24+02.13   | COUNTY RD 278   | R1            | 242,142.9889                  | 810,463.1363           |                          | PI                                                                    |
| 13                       | 37+45.43   | COUNTY RD 278   | R1            | 242,146.3746                  | 811,806.4257           |                          | POE                                                                   |
| 13                       | 0+00.00    | CR 278 RAMP 1   | R1            | 243,835.7319                  | 810,072.2563           |                          | POB / PC                                                              |
| 13                       | 4+68.08    | CR 278 RAMP 1   | R1            | 243,367.6727                  | 810,068.3248           | 2,720.00                 | PI                                                                    |
| 13                       | 9+27.07    | CR 278 RAMP 1   | R1            | 242,927.8525                  | 809,908.1593           |                          | PT                                                                    |
| 13                       | 11+22.64   | CR 278 RAMP 1   | R1            | 242,744.0851                  | 809,841.2383           |                          | PC                                                                    |
| 13                       | 12+99.89   | CR 278 RAMP 1   | R1            | 242,577.5355                  | 809,780.5874           | 1,030.00                 | PI                                                                    |
| 13                       | 14+73.70   | CR 278 RAMP 1   | R1            | 242,400.2925                  | 809,779.0986           |                          | PT                                                                    |
| 13                       | 17+25.25   | CR 278 RAMP 1   | R1            | 242,148.7524                  | 809,776.9857           |                          | POE                                                                   |
| 13                       | 0+00.00    | CR 278 RAMP 4   | R1            | 243,811.7517                  | 810,204.0596           |                          | POB / PC                                                              |
| 13                       | 4+97.75    | CR 278 RAMP 4   | R1            | 243,314.0184                  | 810,199.8787           | 2,720.00                 | PI                                                                    |
| 13                       | 9+84.61    | CR 278 RAMP 4   | R1            | 242,847.0603                  | 810,372.2332           |                          | PT                                                                    |
| 13                       | 11+31.03   | CR 278 RAMP 4   | R1            | 242,709.6980                  | 810,422.9337           |                          | PC                                                                    |
| 13                       | 13+13.71   | CR 278 RAMP 4   | R1            | 242,538.3191                  | 810,486.1897           | 1,030.00                 | PI                                                                    |
| 13                       | 14+92.63   | CR 278 RAMP 4   | R1            | 242,355.6395                  | 810,486.6502           |                          | PT                                                                    |
| 13                       | 17+05.22   | CR 278 RAMP 4   | R1            | 242,143.0495                  | 810,487.1860           |                          | POE                                                                   |
| 5                        | 100+00.00  | CROSSOVER-N     | R1            | 258,603.2150                  | 813,048.4002           |                          | POB                                                                   |
| 5                        | 103+57.38  | CROSSOVER-N     | R1            | 258,311.4288                  | 812,842.0567           |                          | PC                                                                    |
| 5                        | 106+69.47  | CROSSOVER-N     | R1            | 258,056.6096                  | 812,661.8553           | 2,400.00                 | PI                                                                    |
| 5                        | 109+78.09  | CROSSOVER-N     | R1            | 257,764.1776                  | 812,552.8189           |                          | PRC                                                                   |
| 5                        | 110+98.11  | CROSSOVER-N     | R1            | 257,651.7184                  | 812,510.8873           | 5,092.00                 | PI                                                                    |
| 5                        | 112+18.09  | CROSSOVER-N     | R1            | 257,541.3597                  | 812,463.7037           |                          | PT                                                                    |
| 6                        | 100+00.00  | CROSSOVER-S     | R1            | 256,801.1926                  | 812,083.7836           |                          | POB                                                                   |
| 6                        | 100+50.00  | CROSSOVER-S     | R1            | 256,757.4595                  | 812,059.5469           |                          | PC                                                                    |
| 6                        | 102+29.02  | CROSSOVER-S     | R1            | 256,600.8794                  | 811,972.7709           | 2,400.00                 | PI                                                                    |
| 6                        | 104+07.37  | CROSSOVER-S     | R1            | 256,458.9057                  | 811,863.7256           |                          | PRC                                                                   |
| 6                        | 106+53.89  | CROSSOVER-S     | R1            | 256,263.4020                  | 811,713.5654           | 2,400.00                 | PI                                                                    |
| 6                        | 108+98.68  | CROSSOVER-S     | R1            | 256,041.4551                  | 811,606.2836           |                          | PCC                                                                   |
| 6                        | 109+23.68  | CROSSOVER-S     | R1            | 256,018.9466                  | 811,595.4037           | 14,530.00                | PI                                                                    |
| 6                        | 109+48.68  | CROSSOVER-S     | R1            | 255,996.4009                  | 811,584.6014           |                          | POE / PT                                                              |

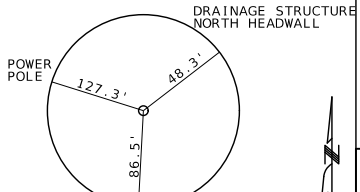
PERPENDICULAR INTERSECTION  
W/ EXISTING N R/W LINE



CONTROL PT #123

SEE COORDINATE POINT TABLE FOR MORE DETAILS

DRAINAGE STRUCTURE  
NORTH HEADWALL



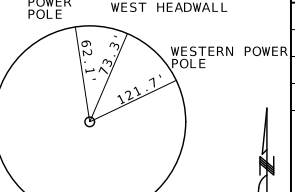
CONTROL PT #138

SEE COORDINATE POINT TABLE FOR MORE DETAILS

POWER POLE

DRAINAGE STRUCTURE  
WEST HEADWALL

WESTERN POWER  
POLE

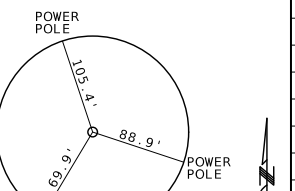


CONTROL PT #140

SEE COORDINATE POINT TABLE FOR MORE DETAILS

POWER POLE

POWER POLE



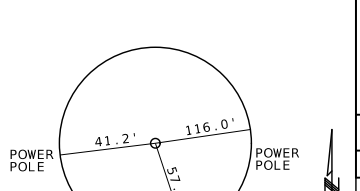
CONTROL PT #142

SEE COORDINATE POINT TABLE FOR MORE DETAILS

POWER POLE

POWER POLE

DRAINAGE STRUCTURE  
WEST HEADWALL



CONTROL PT #143

SEE COORDINATE POINT TABLE FOR MORE DETAILS

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

PROJECT COORDINATE INFORMATION

|                             |                                                                                                                |
|-----------------------------|----------------------------------------------------------------------------------------------------------------|
| COORDINATE SYSTEM           | MODIFIED MISSOURI STATE PLANE                                                                                  |
| HORIZONTAL DATUM            | NAD83 (2011) (EPOCH 2010)                                                                                      |
| VERTICAL DATUM              | NAVD88                                                                                                         |
| GEOID MODEL                 | 18                                                                                                             |
| ELEVATIONS<br>DETERMINED BY | GNSS DERIVED<br>OBSERVATIONS,<br>UTILIZING THE MODOT GLOBAL<br>POSITIONING SYSTEM REFERENCE<br>STATION NETWORK |
| PROJECT PROJECTION FACTOR   | 1.0000771                                                                                                      |

REFERENCE CONTROL INFORMATION

|                             |                         |
|-----------------------------|-------------------------|
| COORDINATE SYSTEM           | MISSOURI STATE PLANE    |
| CONTROL STATION             | MISSOURI CORS           |
| DESIGNATION                 | MODOT DONIPHAN CORS ARP |
| CORS_ID                     | MODP                    |
| PID                         | DP2873                  |
| LATITUDE                    | N 36° 38' 42.39207"     |
| LONGITUDE                   | W 90° 47' 52.77641"     |
| NORTHING (M)                | 90,112.77               |
| EASTING (M)                 | 233,354.08              |
| ZONE                        | EAST                    |
| PROJECT AVERAGE GRID FACTOR | 0.9999188               |

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 #143  
N 242185.990 X 0.9999229 = N 242167.317  
E 808511.440 X 0.9999229 = E 808449.104

LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

COORDINATE/REFERENCE  
SHEET 1 OF 1

STATE OF MISSOURI  
MARGARET ANN BRUNS  
NUMBER  
PE-2010000798  
07/22/2026 6:04:57 PM  
Margaret Ann Bruns - Civil  
MO PE-2010000798  
DATE PREPARED  
7/22/2026  
ROUTE  
67  
STATE  
MO  
DISTRICT  
SE  
SHEET NO.  
34  
COUNTY  
BUTLER  
JOB NO.  
JST0062  
CONTRACT ID.  
PROJECT NO.  
BRIDGE NO.

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

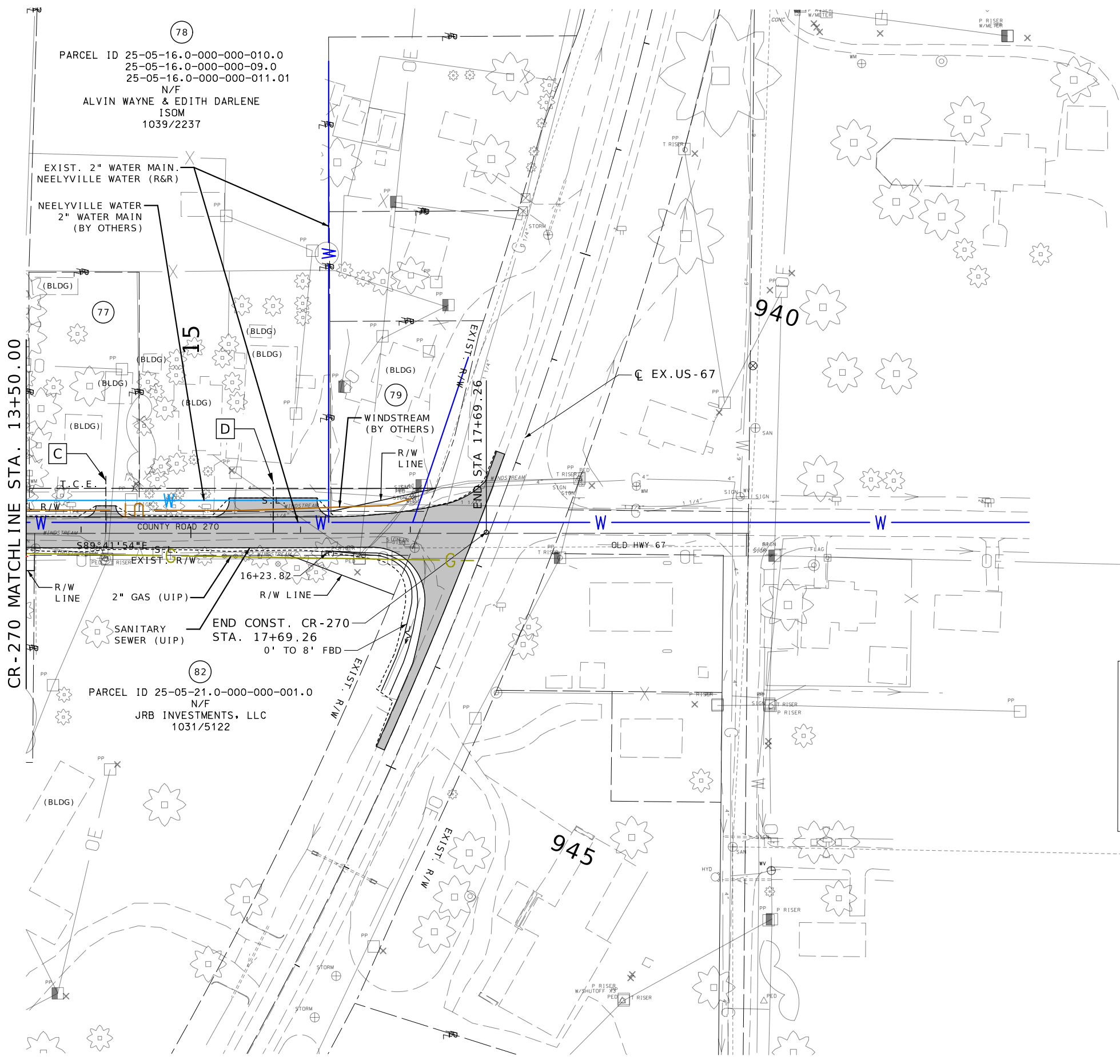
EFK Moen  
Civil Engineering Design  
13523 Barrett Parkway Dr  
Suite 250  
St. Louis, MO 63021  
Phone 314-394-3100  
Fax 314-394-3199  
Missouri Certificate of Authority: 001578

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7/21/2026

ROUTE 67 STATE MO

DISTRICT SE SHEET NO. 35

COUNTY BUTLER

JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

MoDOT

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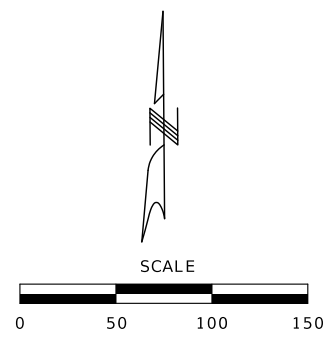
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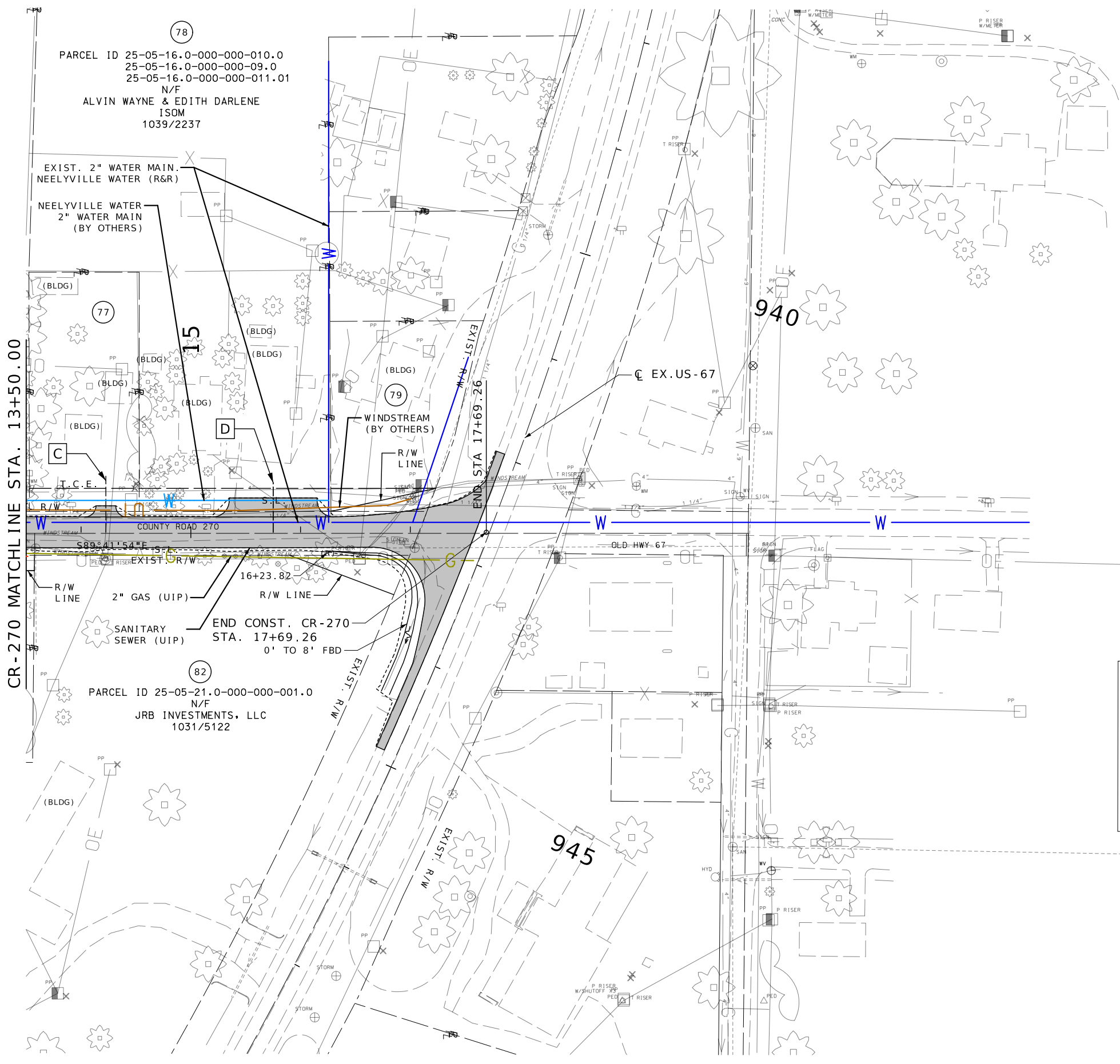
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EXISTING GRADE: 2.00%
- D TYPE I DRWY. LT.  
STA. 15+75.04  
NO SKEW  
80.0' TOP, NO PIPE  
PROPOSED GRADE: 0.96%  
EXISTING GRADE: 1.29%



77  
PARCEL ID 25-05-16.0-000-000-013.0  
N/F  
TERRY COZART  
1027/6702

79  
PARCEL ID 25-05-16.0-000-000-011.0  
N/F  
HOOTERVILLE SALOON, LLC  
1035/2537

COUNTY ROAD 270  
PLAN DETAIL 2  
SPECIAL SHEET 2 OF 21



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Reem A. Naser - Civil  
MO PE - 2024017333

DATE PREPARED  
7/21/2026

ROUTE 67 STATE MO

DISTRICT SE SHEET NO. 36

COUNTY BUTLER

JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

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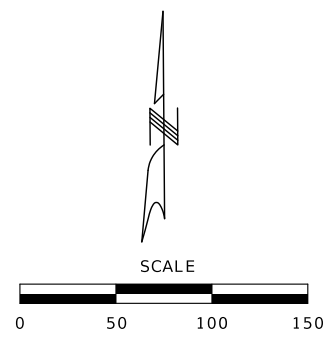
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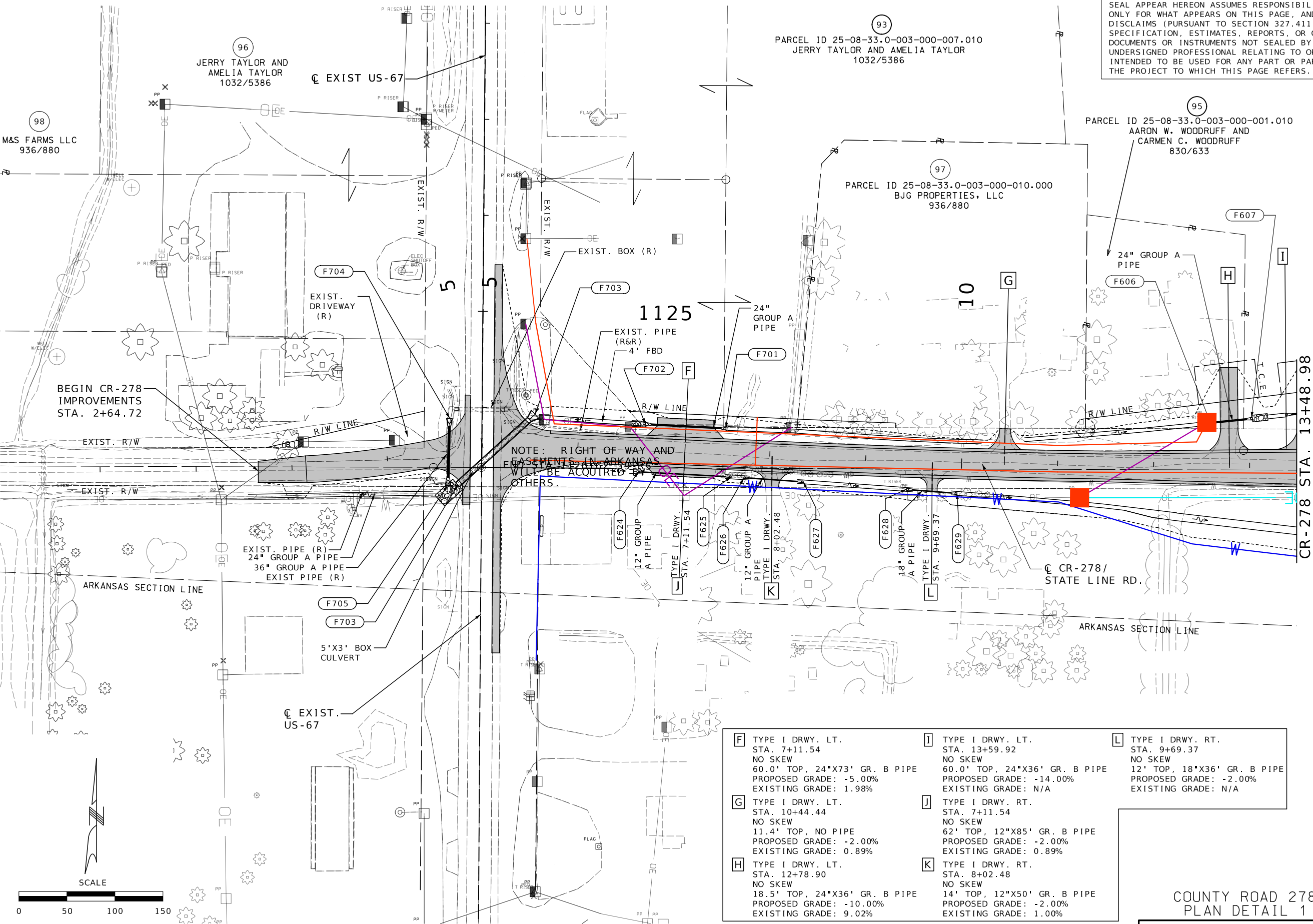
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NO SKEW  
18.0' TOP, NO PIPE  
PROPOSED GRADE: 2.00%  
EXISTING GRADE: 2.00%
- D TYPE I DRWY. LT.  
STA. 15+75.04  
NO SKEW  
80.0' TOP, NO PIPE  
PROPOSED GRADE: 0.96%  
EXISTING GRADE: 1.29%

77  
PARCEL ID 25-05-16.0-000-000-013.0  
N/F  
TERRY COZART  
1027/6702

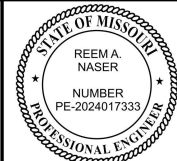
79  
PARCEL ID 25-05-16.0-000-000-011.0  
N/F  
HOOTERVILLE SALOON, LLC  
1035/2537

COUNTY ROAD 270  
PLAN DETAIL 2

SPECIAL SHEET 2 OF 21



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Reem A. Naser - Civil  
MO PE - 2024017333

DATE PREPARED  
7/21/2026

ROUTE 67 STATE MO  
DISTRICT SE SHEET NO. 37

COUNTY BUTLER  
JOB NO. JST0062  
CONTRACT ID.

PROJECT NO.  
BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
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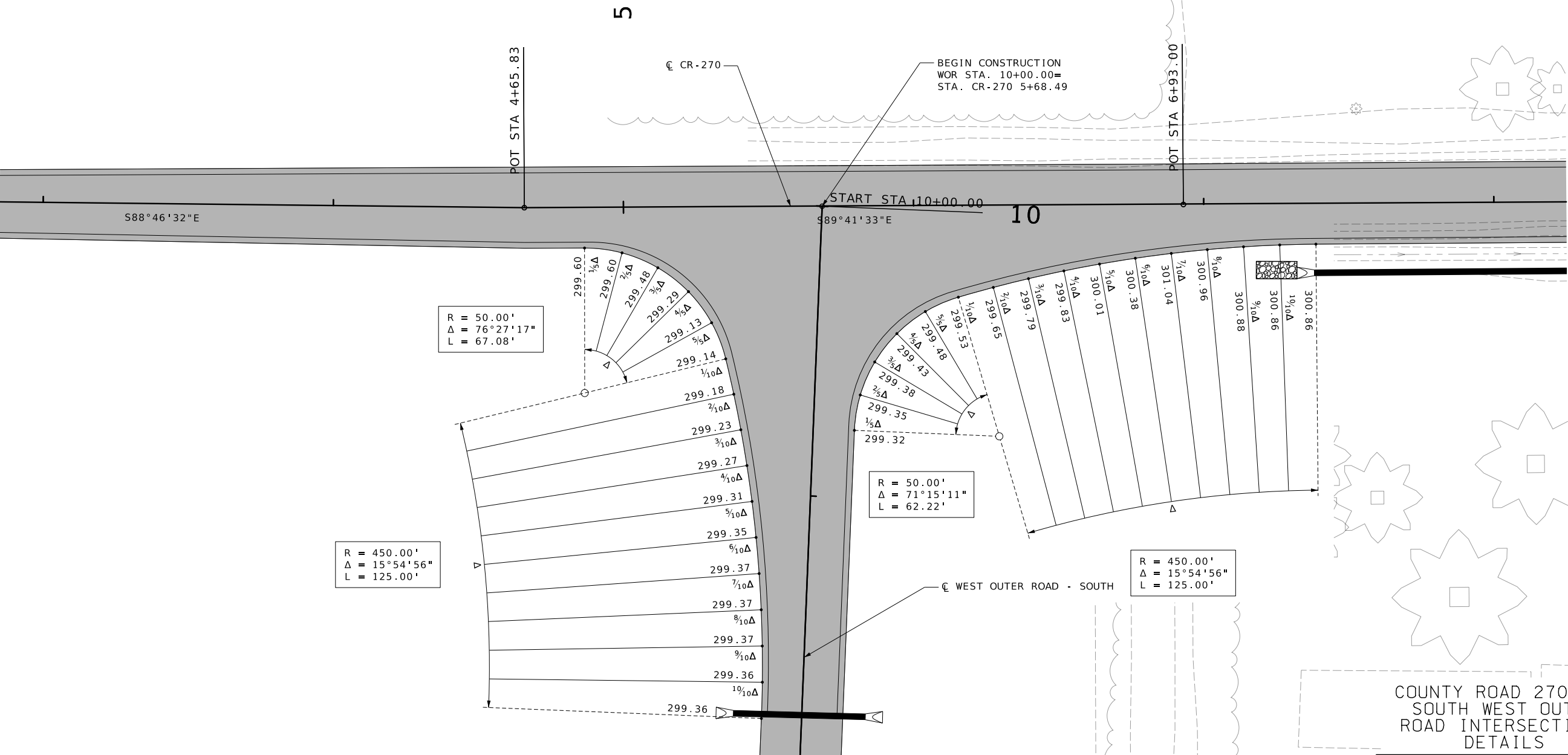
COUNTY ROAD 278  
PLAN DETAIL 1

SPECIAL SHEET 3 OF 21









STATE OF MISSOURI  
REEM A.  
NASER  
NUMBER  
PE-2024017333  
PROFESSIONAL ENGINEER

*Reem A. Naser*

DATE PREPARED  
7/21/2026

|          |           |
|----------|-----------|
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BOTTLER  
JOB NO.  
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STATE OF MISSOURI  
REEM A. NASER  
NUMBER  
PE-2024017333  
PROFESSIONAL ENGINEER

*Reem A. Naser*

DATE PREPARED  
7/21/2026

|          |           |
|----------|-----------|
| DISTRICT | SHEET NO. |
| S.E.     | 40        |

BUTLER  
JOB NO.

PROJECT NO. \_\_\_\_\_

BRIDGE NO.

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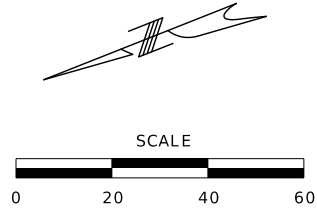
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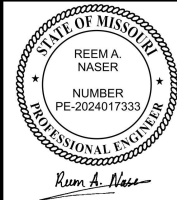
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COUNTY ROAD 270 AND  
EXISTING US 67  
INTERSECTION  
DETAILS

SPECIAL SHEET 6 OF 21

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Reem A. Naser - Civil  
MO PE - 2024017333

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ROUTE 67 STATE MO

DISTRICT SE SHEET NO. 41

COUNTY BUTLER

JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL JEFFERSON CITY, MO 65102

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

MoDOT

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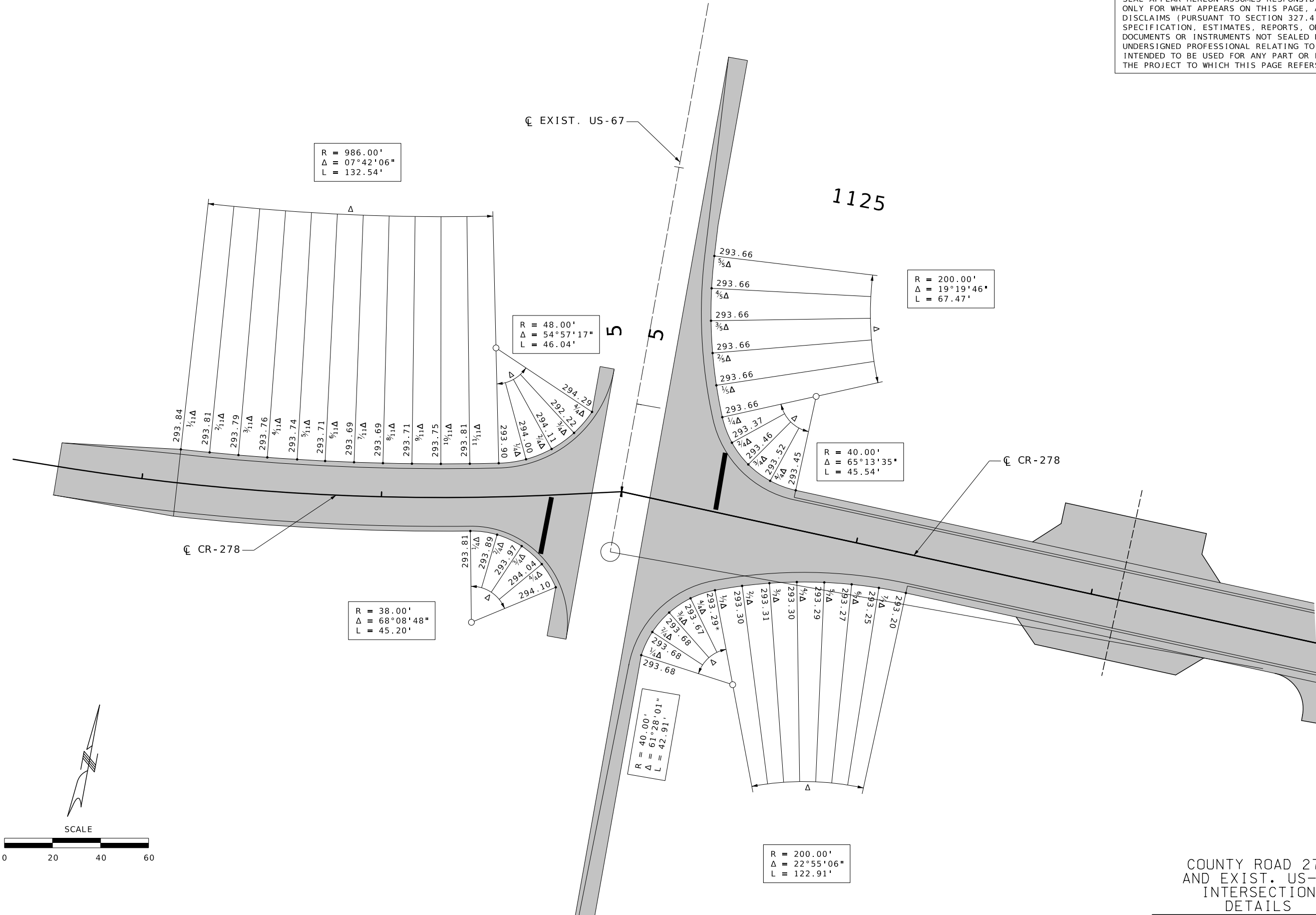
1631 WEST ELFINDALE STREET

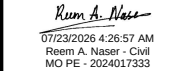
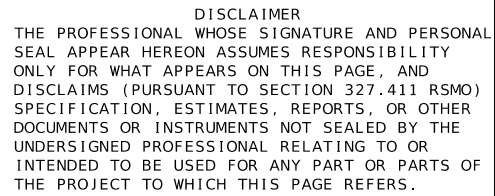
SPRINGFIELD, MO 65807 (417) 869-6009

ENGINEERING CORPORATION - 000631

COUNTY ROAD 278  
AND EXIST. US-67  
INTERSECTION  
DETAILS

SPECIAL SHEET 7 OF 21





DATE PREPARED  
7/21/2026

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| DISTRICT | SHEET NO. |
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COUNTY  
BUTLER

JOB NO.  
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MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

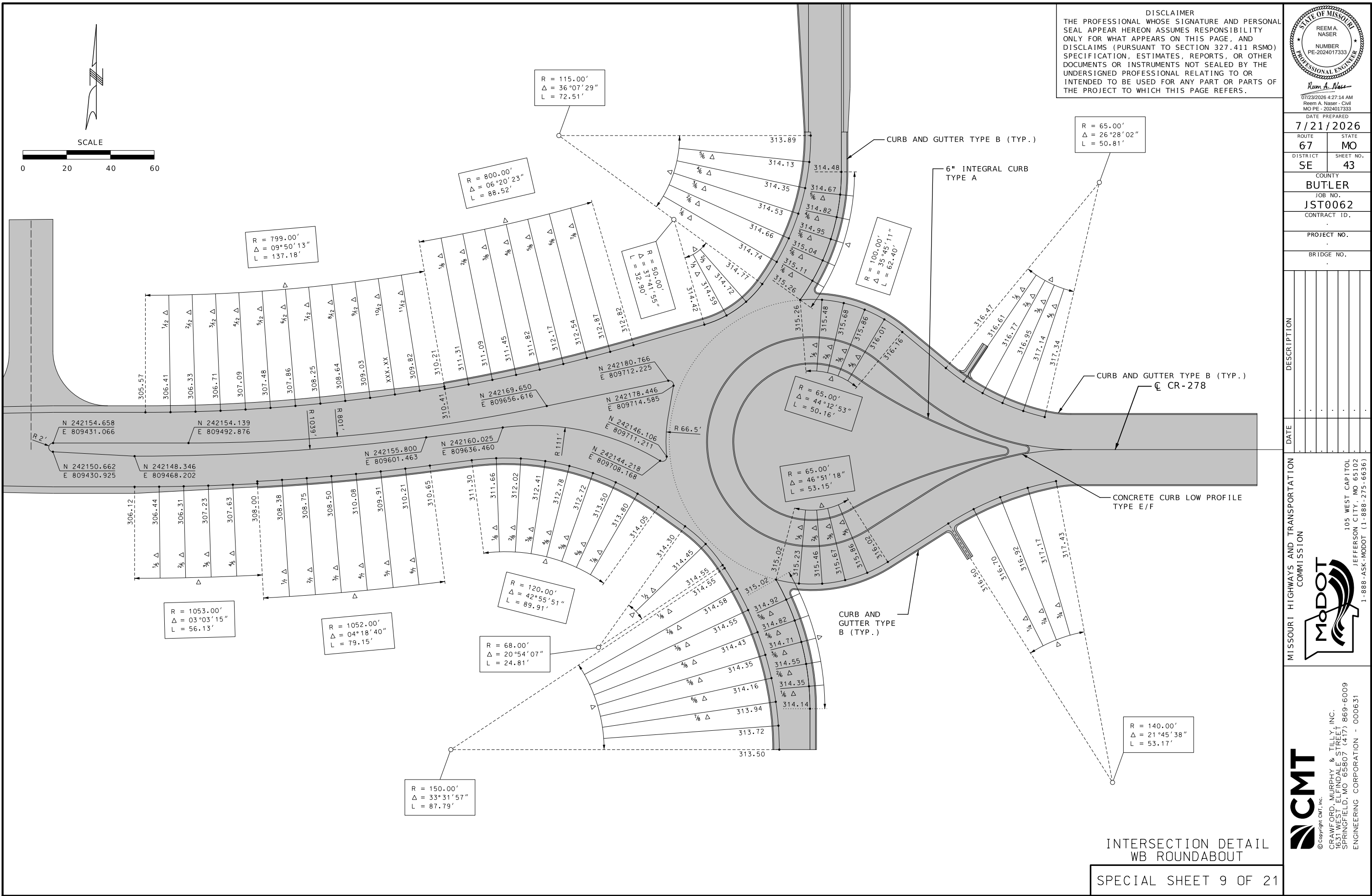
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JEFFERSON CITY, MO 65102

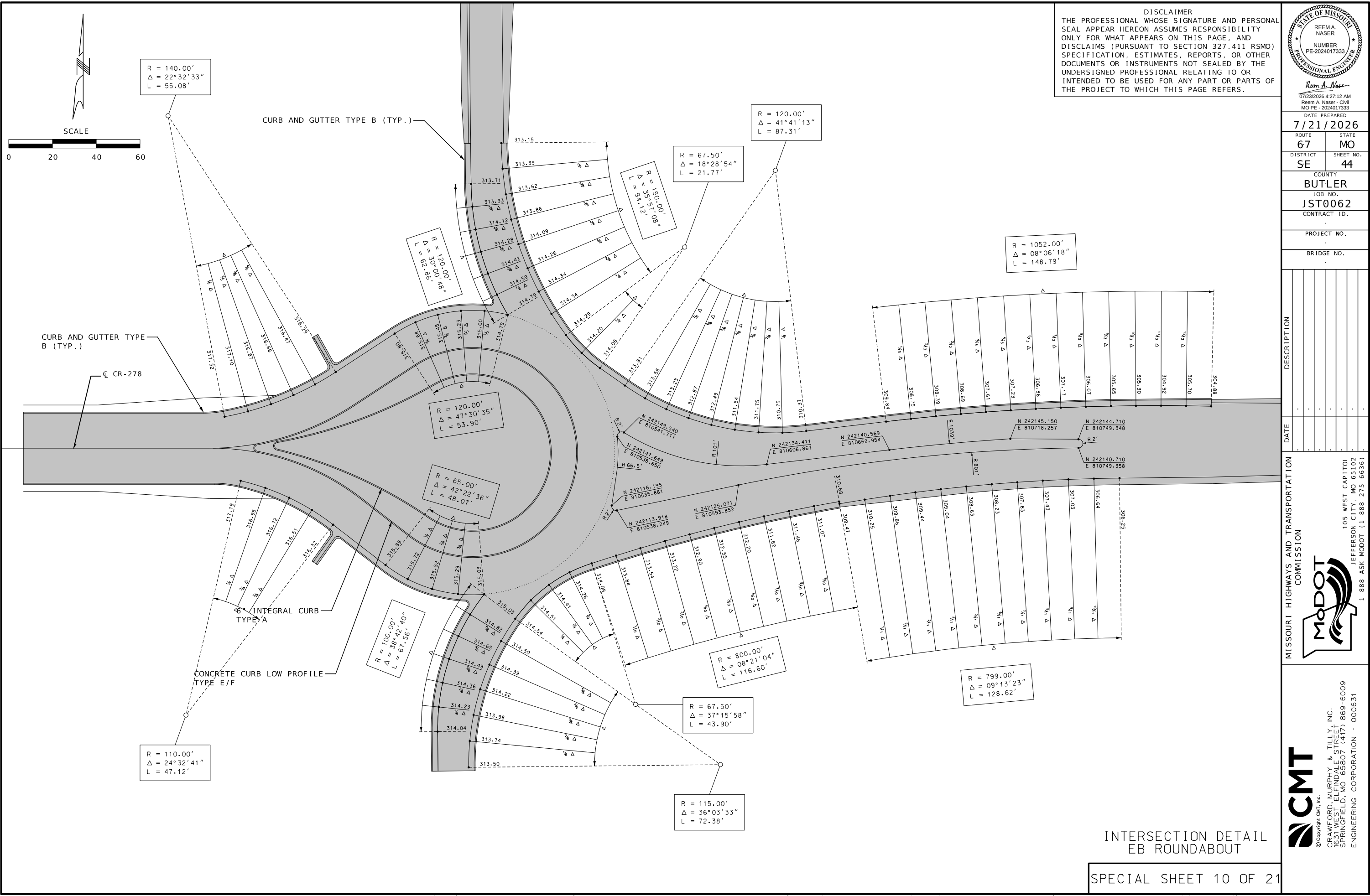
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# COUNTY ROAD 278 AND COUNTY ROAD 181 INTERSECTION DETAILS

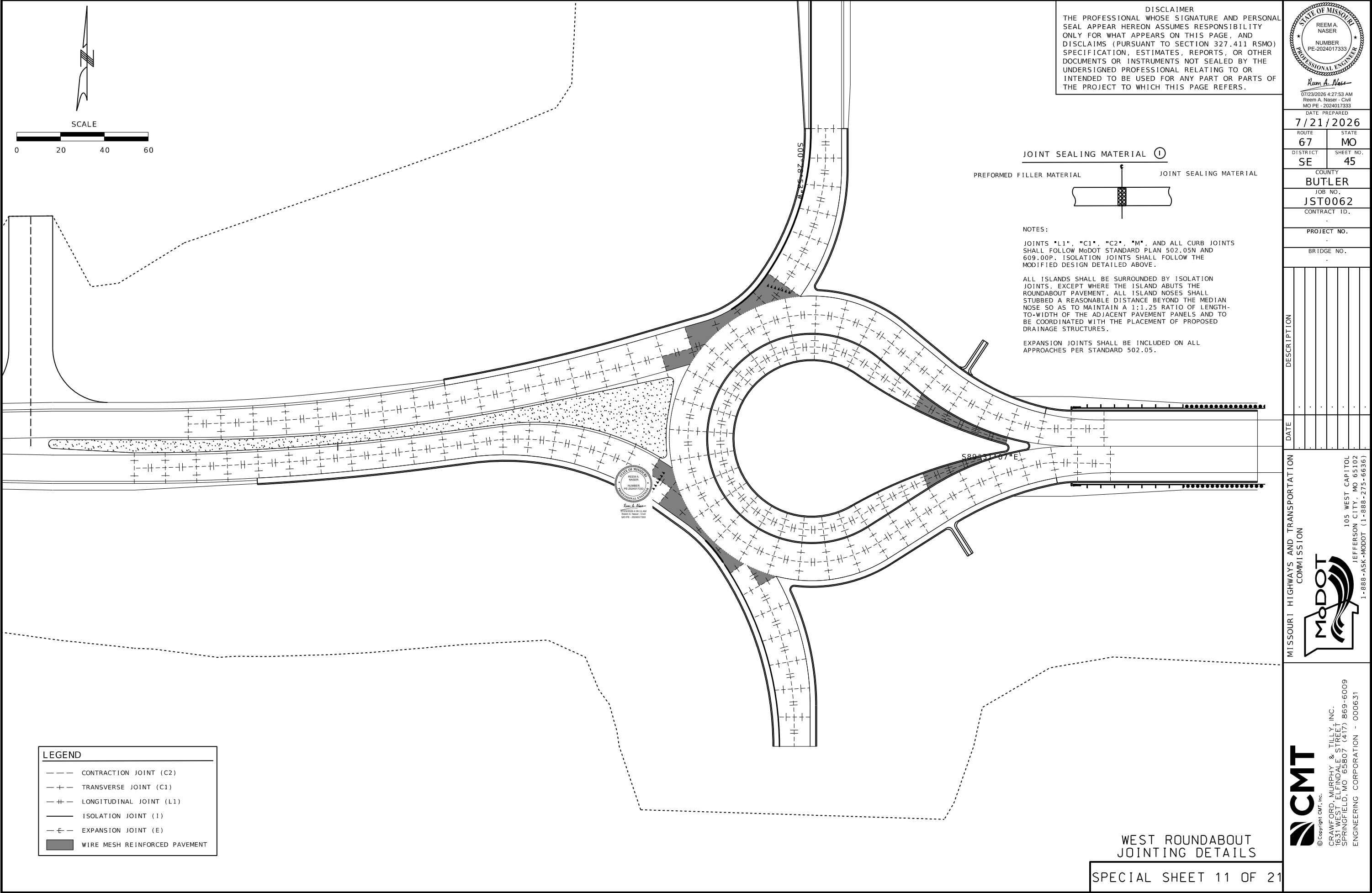
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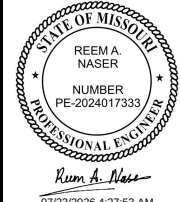








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ROUTE  
67

STATE  
MO

DISTRICT  
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SHEET NO.  
45

COUNTY  
BUTLER

JOB NO.  
JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

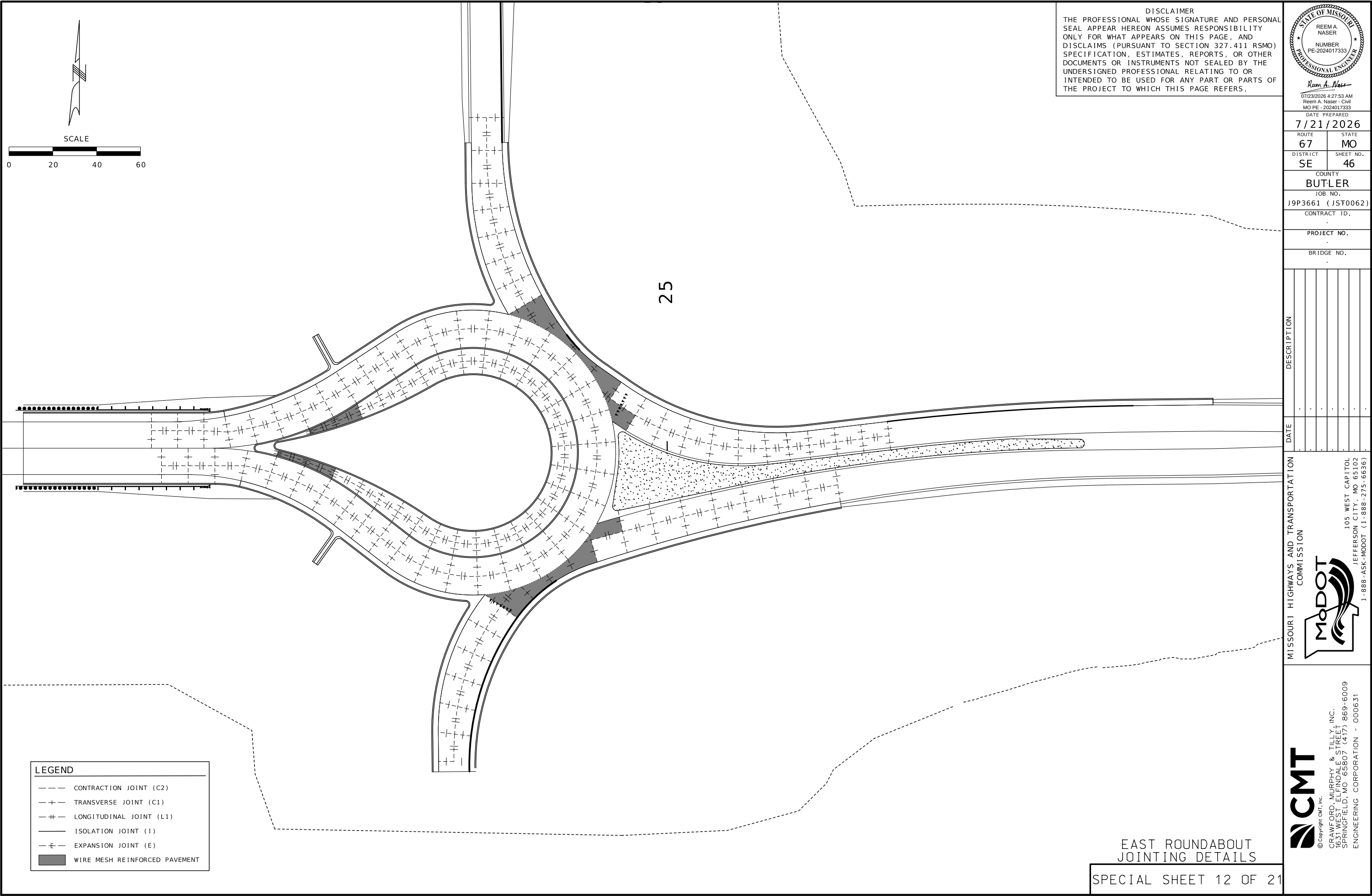
| DATE | DESCRIPTION | BRIDGE NO. | PROJECT NO. | CONTRACT ID. |
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
MoDOT  
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

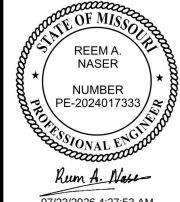
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WEST ROUNDABOUT  
JOINTING DETAILS  
SPECIAL SHEET 11 OF 21





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**7/21/2026**

ROUTE **67** STATE **MO**

DISTRICT **SE** SHEET NO. **46**

COUNTY  
**BUTLER**

JOB NO.  
**J9P3661 (JST0062)**

CONTRACT ID.  
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PROJECT NO.  
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BRIDGE NO.  
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DESCRIPTION

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
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ENGINEERING CORPORATION - 000631

**LEGEND**

- CONTRACTION JOINT (C2)
- +- TRANSVERSE JOINT (C1)
- +- LONGITUDINAL JOINT (L1)
- ISOLATION JOINT (I)
- E- EXPANSION JOINT (E)
- WIRE MESH REINFORCED PAVEMENT

EAST ROUNDABOUT  
JOINTING DETAILS  
SPECIAL SHEET 12 OF 21

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BRIDGE NO.



MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
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SPECIAL SHEET 13 OF 21



DATE PREPARED  
7/31/2026

|          |           |
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| DISTRICT | SHEET NO. |
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CONTRACT ID.

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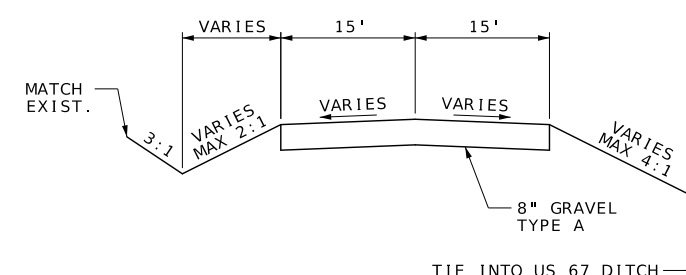
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105 WEST CAPITAL  
JEFFERSON CITY, MO 65102

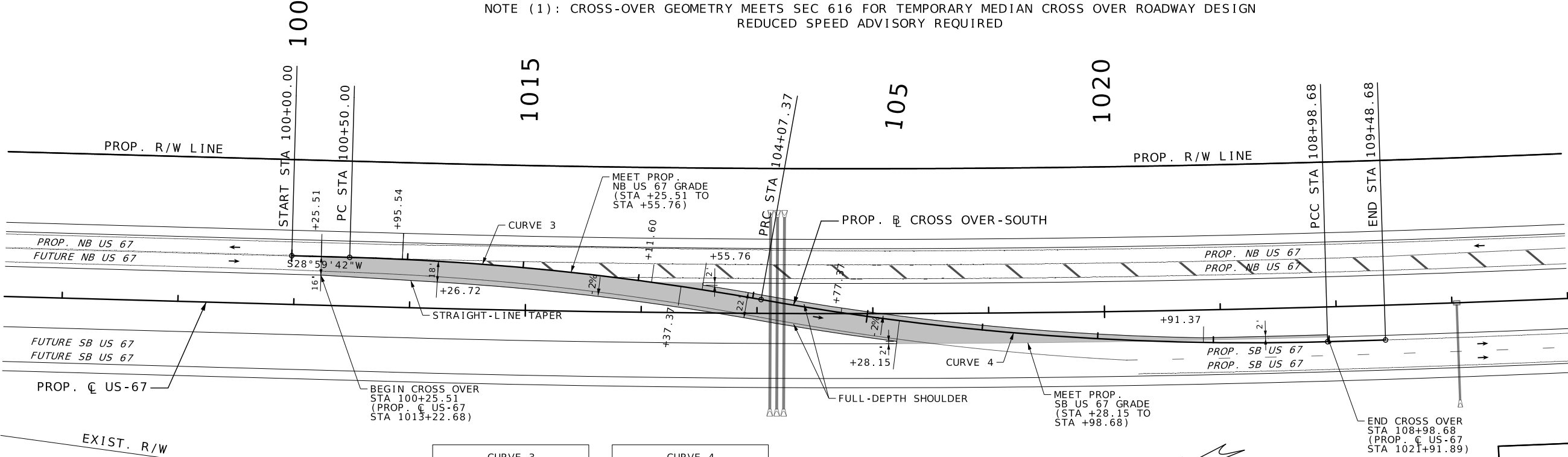
**EFK•Moen**  
Civil Engineering Design  
13523 Barrett Parkway Dr  
Suite 250  
St. Louis, MO 63021  
Phone 314-394-3100  
Fax 314-394-3199



FIELD ENTRANCE  
SPECIAL SHEET  
14 OF 21



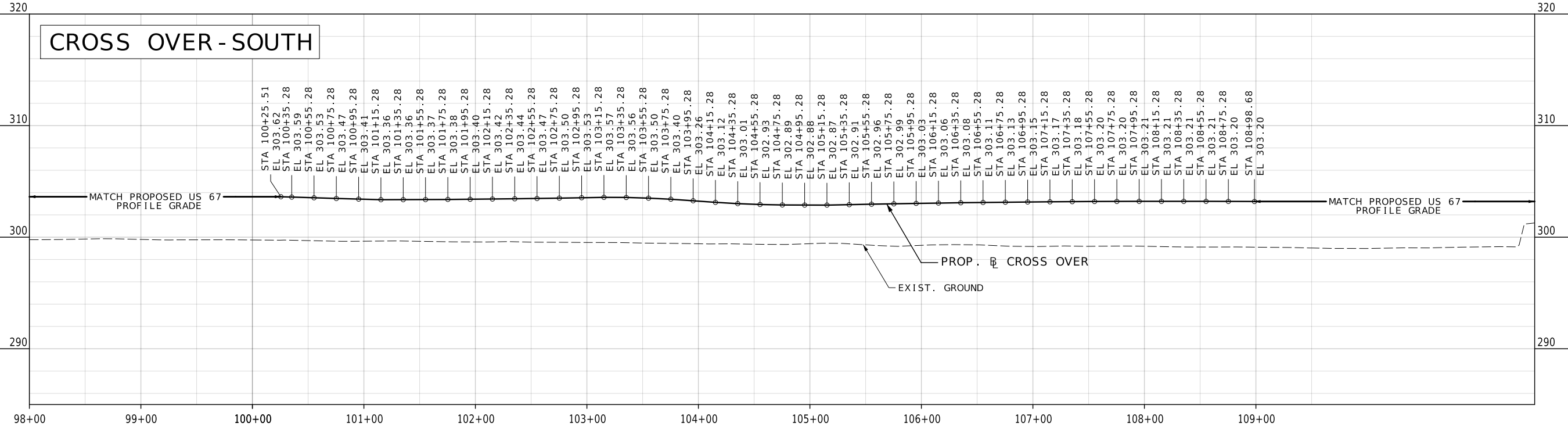
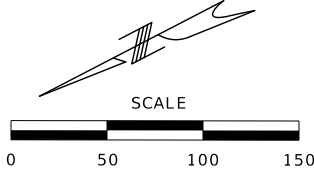
NOTE (1): CROSS-OVER GEOMETRY MEETS SEC 616 FOR TEMPORARY MEDIAN CROSS OVER ROADWAY DESIGN  
REDUCED SPEED ADVISORY REQUIRED



| CURVE 3 |                 |
|---------|-----------------|
| PI      | 102+29.02       |
| PC      | 100+50.00       |
| PT      | 104+07.37       |
| Δ       | 8°31'54.0" (RT) |
| D       | 2°23'14.4"      |
| L       | 357.37' (ARC)   |
| T       | 179.02'         |
| R       | 2,400.00'       |
| DS      | 30 MPH          |
| eMAX    | (1)             |
| eDESIGN | (1)             |

| CURVE 4 |                  |
|---------|------------------|
| PI      | 106+53.89        |
| PC      | 104+07.37        |
| PT      | 108+98.68        |
| Δ       | 11°43'44.8" (LT) |
| D       | 2°23'14.4"       |
| L       | 491.31' (ARC)    |
| T       | 246.52'          |
| R       | 2,400.00'        |
| DS      | 30 MPH           |
| eMAX    | (1)              |
| eDESIGN | (1)              |

| SE TABLE      |       |                 |
|---------------|-------|-----------------|
| BL CROSS OVER |       |                 |
| STA           | SLOPE | NOTE            |
| 100+25.51     | 0.0%  | MEET PROP US 67 |
| 100+95.54     | -2.0% |                 |
| 103+37.37     | -2.0% |                 |
| 104+07.37     | 0.0%  |                 |
| 104+77.37     | +2.0% |                 |
| 108+98.68     | +2.0% |                 |



CROSS OVER GEOMETRICS  
SPECIAL SHEET  
16 OF 21



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Margaret Ann Bruns - Civil  
MO PE-2010000798

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7/22/2026

ROUTE 67 STATE MO

DISTRICT SE SHEET NO. 50

COUNTY BUTLER

JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL JEFFERSON CITY, MO 65102

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

MoDOT

EFK Moen

Civil Engineering Design

13523 Barrett Parkway Dr Suite 250 St. Louis, MO 63021

Phone 314-394-3100 Fax 314-394-3199

Missouri Certificate of Authority: 001578

2(8'x 7') CONCRETE BOX CULVERT

SEC/SUR 29 TWP 22N RGE 5E



Alex C. Benz  
08/05/2026 2:49:14 PM  
Alex Benz - Civil  
MO PE-2018003121

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8/5/2026

ROUTE 67 STATE MO

DISTRICT SE SHEET NO. 51

COUNTY BUTLER

JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
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MoDOT

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St. Louis, MO 63021  
Phone 314-394-3100  
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Missouri Certificate of Authority: 001578

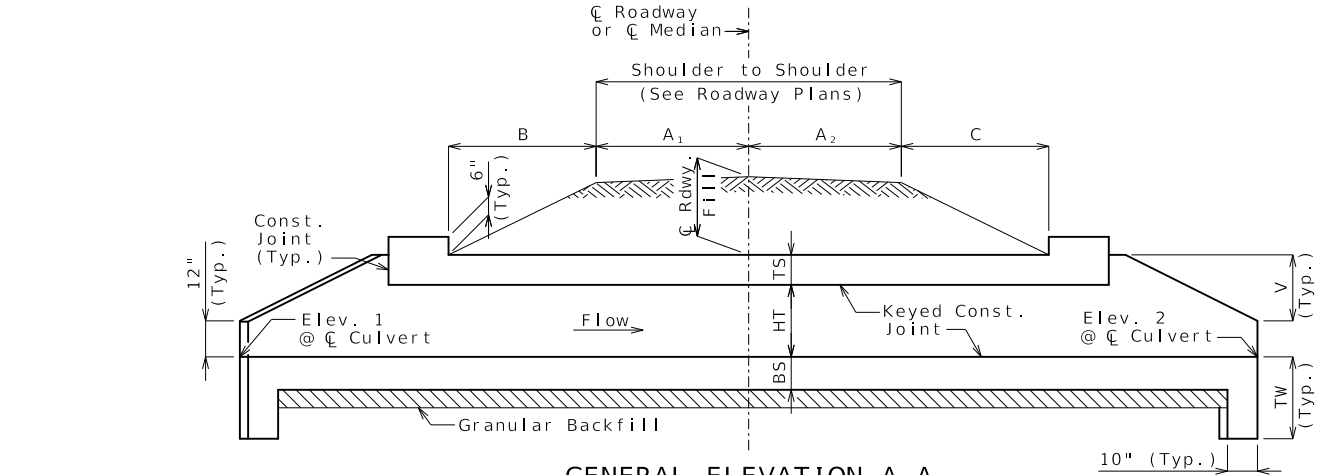
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Civil Engineering Design

BYRNES DITCH BOX

SPECIAL SHEET

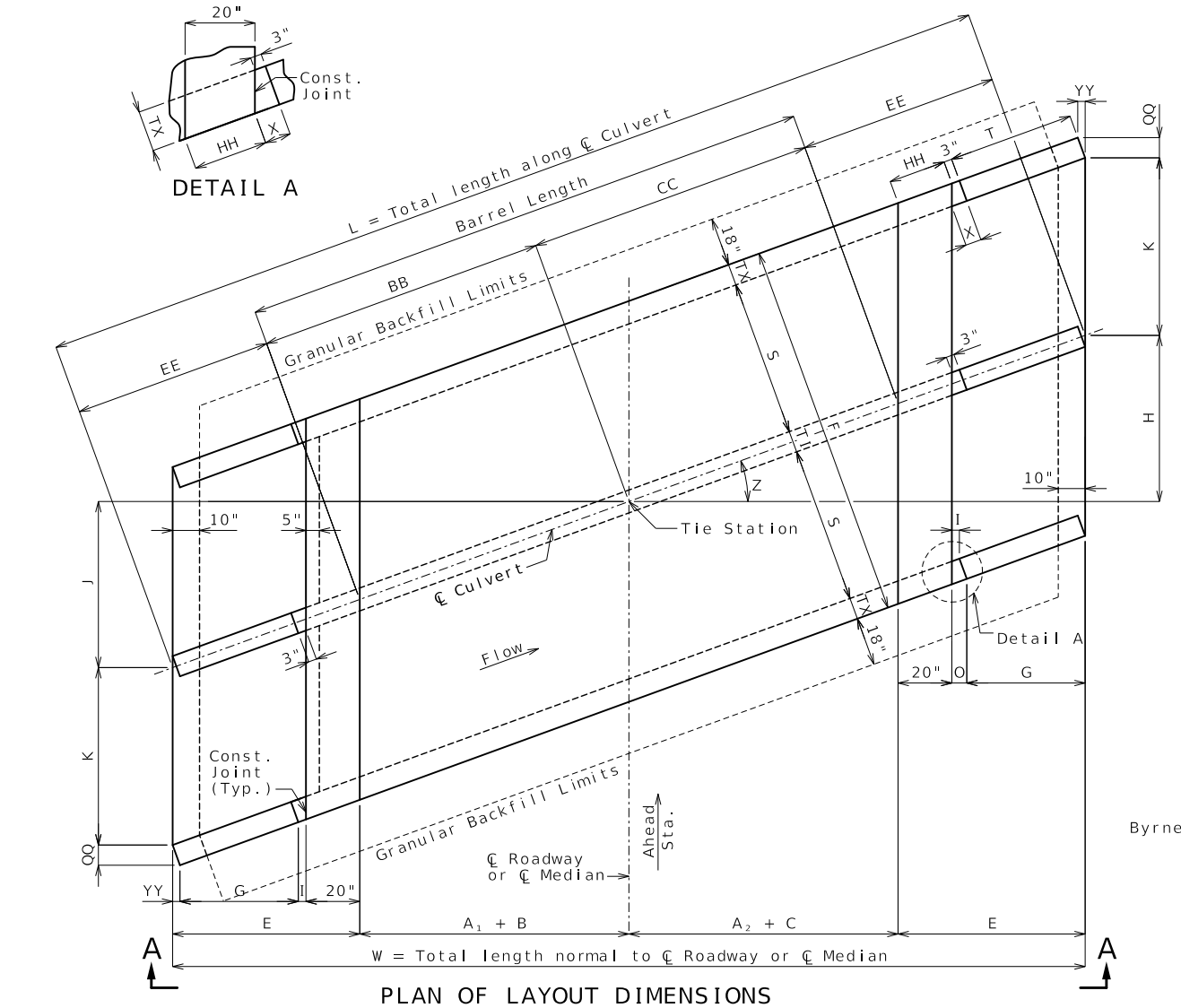
17 OF 21



Construction joint key not shown for clarity, see standard plans for details.

If any part of the barrel is exposed, the roadway fill shall be warped to provide 12 inches minimum cover. (Roadway Item)

If unsuitable material is encountered, excavation of unsuitable material and furnishing and placing of granular backfill shall be in accordance with Sec 206.



Detailed Dec. 2025  
Checked Dec. 2025

Note: This drawing is not to scale. Follow dimensions.

Sheet No. 1 of 5

pw://cmtengr-pw.bentley.com:cmt-connect-projects/Documents/MoDOT/US67 Freeway Conversion - Phase 3/040908/Structures/Sheets/Byrne's Ditch Box/050\_Box 1\_SS17\_A9596\_JST0062\_Double-Box 2:48:20 PM 8/5/2026

| Layout Dimensions |             |            |            |                    |            |              |                            |            |
|-------------------|-------------|------------|------------|--------------------|------------|--------------|----------------------------|------------|
| Var.              | Equation    | Dim.       | Var.       | Equation           | Dim.       | Var.         | Equation                   | Dim.       |
| S                 | - - -       | 8' - 0"    | F          | 2S + 2TX + TI      | 18' - 0"   | W            | 2A + B + C + 2E            | 300' - 8¾" |
| HT                | - - -       | 7' - 0"    | G          | 2V                 | 14' - 2"   | X            | 3" + TX(tan Z)             | 5½"        |
| TS                | - - -       | 13"        | H          | (A + C + E)(tan Z) | 45' - 11⅝" | Z            | Skew Angle                 | 17°        |
| BS                | - - -       | 10"        | I          | 3"(cos Z)          | 2⅞"        | BB           | (A + B)(sec Z)             | 140' - 2⅝" |
| TX                | - - -       | 8"         | J          | (A + B + E)(tan Z) | 45' - 11⅝" | CC           | (A + C)(sec Z)             | 140' - 2⅝" |
| TI                | - - -       | 8"         | K          | (S + TI/2)(sec Z)  | 8' - 8⅝"   | EE           | E(sec Z)                   | 17' - 0⅛"  |
| A <sub>1</sub>    | - - -       | 104' - 2⅝" | L          | 2EE + BB + CC      | 314' - 5½" | HH           | 20"(sec Z)                 | 1' - 8⅞"   |
| A <sub>2</sub>    | - - -       | 118' - 8"  | O          | I + YY             | 5¼"        | QQ           | TX(cos Z)                  | 7⅝"        |
| B                 | - - -       | 29' - 10¾" | T          | G(sec Z)           | 14' - 9¾"  | YY           | TX(sin Z)                  | 2⅝"        |
| C                 | - - -       | 15' - 5⅙"  | V          | HT + TS - 12"      | 7' - 1"    | TW           | Max{3' - 4" or (BS + 12")} | 3' - 4"    |
| E                 | G + O + 20" | 16' - 3¼"  | Elevations |                    |            | Fill Heights |                            |            |

| Hydrologic Data                          |  |  |
|------------------------------------------|--|--|
| Drainage Area = 0.48 mi <sup>2</sup>     |  |  |
| Design Flood Frequency = 50 years        |  |  |
| Design Flood Discharge = 187 cfs         |  |  |
| Design Flood (D.F.) Elevation = 298.1    |  |  |
| Base Flood (100-year)                    |  |  |
| Base Flood Elevation = 298.4             |  |  |
| Base Flood Discharge = 219 cfs           |  |  |
| Estimated Backwater = 0.3 ft             |  |  |
| Outlet Velocity = 2.9 ft/s               |  |  |
| Roadway Overtopping                      |  |  |
| Overtopping Flood Discharge = N/A cfs    |  |  |
| Overtopping Flood Frequency = >500 years |  |  |
| Flood Elevation = N/A                    |  |  |

| 18" Pipe Inlet Data |           |            |
|---------------------|-----------|------------|
| Station             | Offset    | F.L. Elev. |
| 1002+92.80          | 97.10' RT | 294.34     |
| 1003+10.52          | 96.87' RT | 294.36     |
| 1002+62.36          | 0.00' LT  | 296.75     |
| 1002+79.81          | 0.00' LT  | 295.17     |

See Sheet 2 for Location of pipes

| Elevations                    |  | Fill Heights                     |  |
|-------------------------------|--|----------------------------------|--|
| Upstream (Elev. 1) = 292.56   |  | Rdwy at Culvert = 3 ft           |  |
| Downstream (Elev. 2) = 292.35 |  | Design (All units) = 2 ft - 4 ft |  |
| Pr. Gr. at Tie Sta. = 303.7   |  |                                  |  |

Dimensions are based on end units.  
Fill heights are measured from the top of top slab to the top of earth fill or roadway.

| Estimated Quantities          |          |        | Final |
|-------------------------------|----------|--------|-------|
| Class 4 Excavation            | cu. yard | 1,730  |       |
| Removal of Bridges            | lump sum | 1      |       |
| Class B-1 Concrete (Culverts) | cu. yard | 541.4  |       |
| Reinforcing Steel (Culverts)  | pound    | 80,290 |       |

General Notes:

Design Specifications:  
2010 AASHTO LRFD Bridge Design Specifications and 2010 Interim Revisions

Design Loading:  
Vehicular = HL-93 minus lane load, Earth = 120 lb/cf  
Equivalent Fluid Pressure = 30 lb/cf (min.), 60 lb/cf (max.)

Design Unit Stresses:  
Class B-1 Concrete (Box Culvert) f'c = 4,000 psi  
Reinforcing Steel (ASTM A615 Grade 60) fy = 60,000 psi

Standard Plans:  
703.37, 703.44, 703.46, 703.47, 703.60

Miscellaneous:  
MoDOT Construction personnel will indicate the type of box culvert constructed:  
☐ Precast Concrete Box used  
☐ Cast-in-Place Concrete Box used

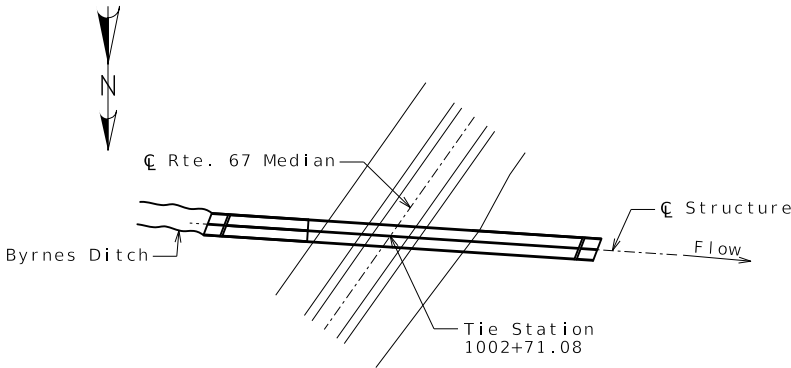
When alternate precast concrete box sections are used, the minimum distance from inside face of headwalls to precast sections measured along the shortest wall shall be 3 feet. Reinforcement and dimensions for wings and headwalls shall be in accordance with Missouri Standard Plans.

Channel bottom shall be graded within the right of way for transition of channel bed to culvert openings. Channel banks shall be tapered to match culvert openings. (Roadway Item)

Traffic Handling:  
Structure to be closed during construction. See roadway plans for traffic control.

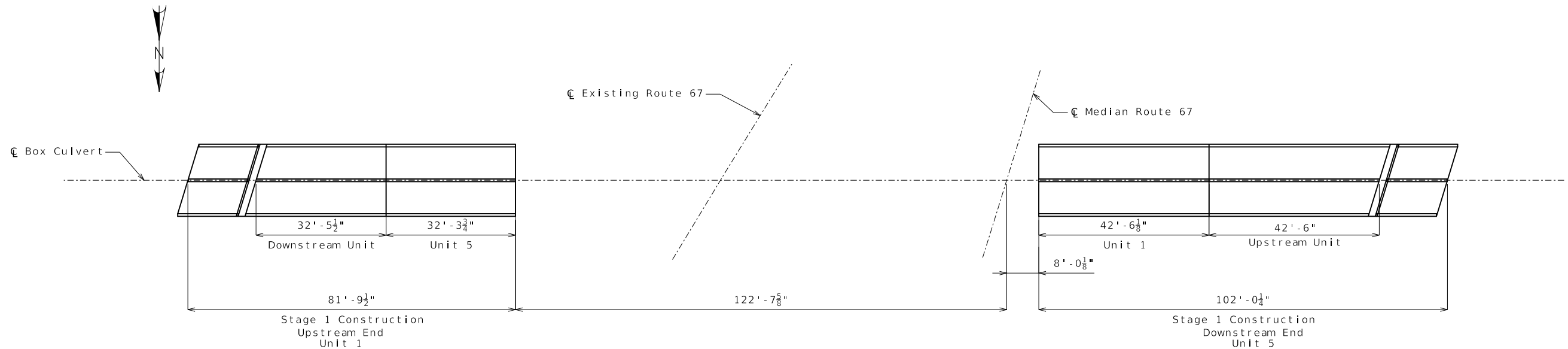
CULVERT: ROUTE 67 OVER BYRNES DITCH

ROUTE 67 FROM STATE LINE TO ROUTE 142  
ABOUT 3.0 MILES NORTH OF STATE LINE  
TIE STA. 1002+71.08 C ROUTE 67

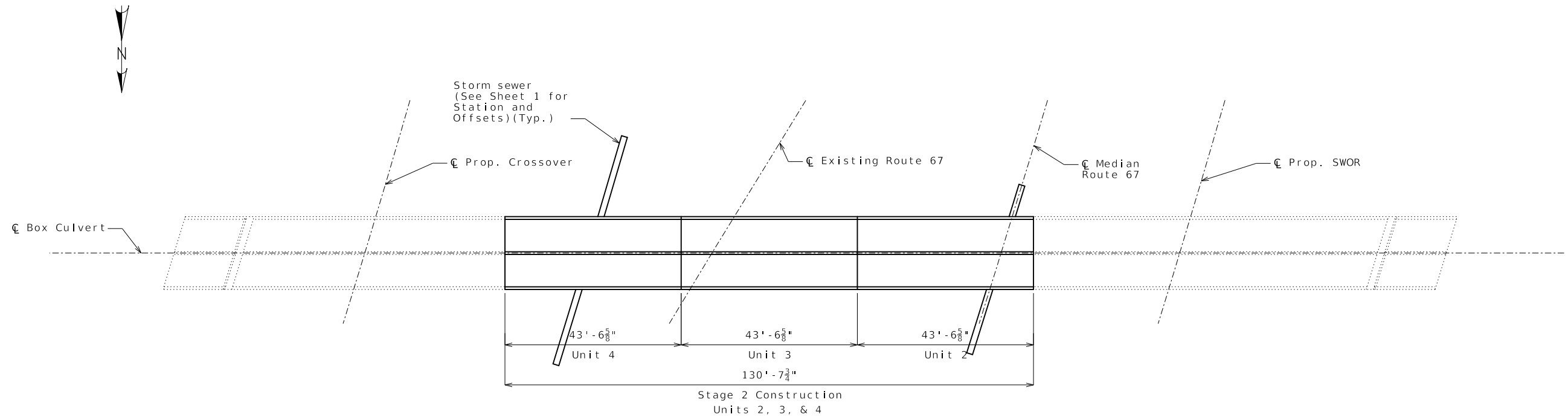


LOCATION SKETCH





STAGE 1 PLAN



STAGE 2 PLAN

PLAN OF TRANSVERSE JOINTS AND STAGE CONSTRUCTION

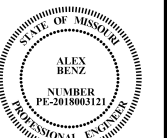
BYRNES DITCH BOX  
SPECIAL SHEET  
18 OF 21

Detailed Dec. 2025  
Checked Dec. 2025

Note: This drawing is not to scale. Follow dimensions.

Sheet No. 2 of 5

pw://cmtengr-pw.bentley.com:cmt-connect-projects/Documents/MoDOT/US67 Freeway Conversion - Phase 3/040908/Structures/Sheets/Byrne's Ditch Box/051\_Box 2\_SS18\_A9596\_JST0062\_Notes&Staging 2:48:25 PM 8/5/2026



Alex C. Benz  
08/05/2026 2:49:24 PM  
Alex Benz - Civil  
MO PE-2018003121

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8/5/2026

ROUTE 67 STATE MO

DISTRICT SE SHEET NO. 52

COUNTY BUTLER

JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

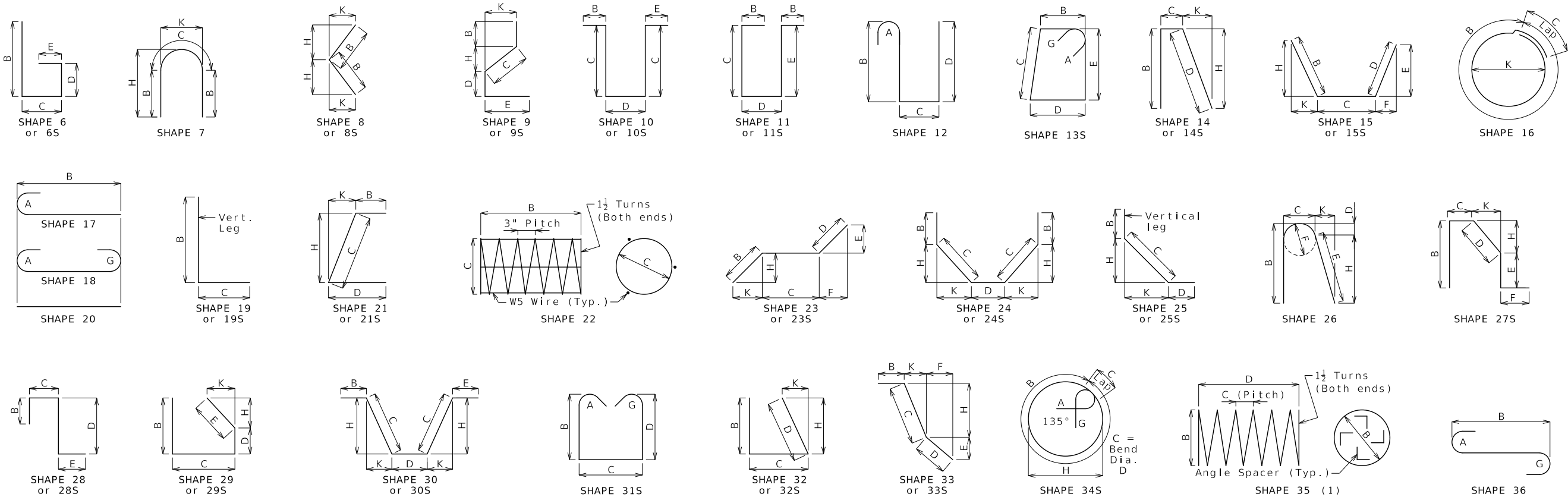
BRIDGE NO.

| DESCRIPTION | DATE |
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Civil Engineering Design  
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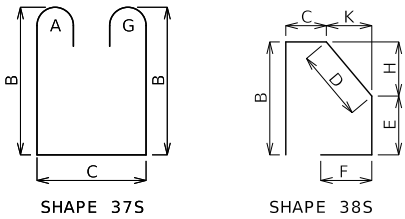


| Finished Bend Dimensions D and Hook Dimensions |      |         |         |         |         |        |
|------------------------------------------------|------|---------|---------|---------|---------|--------|
| Standard Pin Bend Shapes                       |      |         |         |         |         |        |
| Size                                           | Case | D       | A or G  |         | J       |        |
|                                                |      |         | 90°     | 180°    | 180°    |        |
| #4                                             | 1    | 3"      | 8"      | 6"      | 4"      |        |
| #5                                             | 1    | 3 3/4"  | 10"     | 7"      | 5"      |        |
| #6                                             | 1    | 4 1/2"  | 12"     | 8 1/4"  | 6"      |        |
| #7                                             | 2    | 5 1/4"  | 14"     | 9 3/4"  | 7"      |        |
|                                                | 3    | 7"      | 15"     | 11 1/2" | 8 3/4"  |        |
| #8                                             | 2    | 6"      | 16"     | 11"     | 8"      |        |
|                                                | 3    | 8"      | 17"     | 13 1/4" | 10"     |        |
| #9                                             | 1    | 9 1/2"  | 19 1/2" | 15 1/2" | 11 3/4" |        |
| #10                                            | 1    | 10 3/4" | 22"     | 17 1/2" | 13 1/4" |        |
| #11                                            | 1    | 12"     | 24 1/2" | 19 1/2" | 14 7/8" |        |
| #14                                            | 1    | 18 1/4" | 31 1/4" | 27 1/2" | 21 5/8" |        |
| #18                                            | 1    | 24"     | 41 1/2" | 36 1/4" | 28 1/2" |        |
| Stirrup Pin Bend Shapes (S)                    |      |         |         |         |         |        |
| Size                                           | Case | D       | A or G  |         | H       | J      |
|                                                |      |         | 90°     | 135°    | 180°    | 135°   |
| #4                                             | 2    | 2"      | 4 1/2"  | 4 1/2"  | 5"      | 2 7/8" |
|                                                | 3    | 3"      | 5"      | 5 1/4"  | 6"      | 3"     |
| #5                                             | 2    | 2 3/4"  | 5 3/4"  | 5 3/4"  | 5 3/4"  | 3 3/4" |
|                                                | 3    | 3 3/4"  | 6 1/4"  | 6 1/4"  | 7"      | 3 3/8" |
| #6                                             | 1    | 4 1/2"  | 12"     | 7 3/4"  | 8 1/4"  | 4 5/8" |

Applicable for all grades of steel.

Case 1 applies to all reinforcement. Case 2 applies to all reinforcement except for galvanized bars. Case 3 applies to galvanized bars only.

6d for #4 & #5,  
12d for #6



BENDING DIAGRAMS

All dimensions are out to out. (1) Shall be a deformed or plain spiral bar or wire.

Shapes ending with an S shall be bent in accordance with stirrup pin bend shapes.

Unless otherwise noted, finished bending diameter D is the same for all bends of a shape.

Four angle or channel spacers are required for each column spiral. Spacers are to be placed on inside of spirals. Length and weight of column spirals do not include splices or spacers.

| Reinforcing Steel Totals (Pounds) |              |       |                |       |         |           |               |       |
|-----------------------------------|--------------|-------|----------------|-------|---------|-----------|---------------|-------|
| Size                              | Substructure |       | Superstructure |       |         |           | Entire Bridge |       |
|                                   | Plain        | Epoxy | Slab           |       | Barrier | Slip Form | Plain         | Epoxy |
|                                   |              |       | Plain          | Epoxy |         |           |               |       |
| W5                                | 0            | 0     | 0              | 0     | 0       | 0         | 0             | 0     |
| 4                                 | 23187        | 0     | 0              | 0     | 0       | 0         | 23187         | 0     |
| 5                                 | 47342        | 0     | 0              | 0     | 0       | 0         | 47342         | 0     |
| 6                                 | 8193         | 0     | 0              | 0     | 0       | 0         | 8193          | 0     |
| 7                                 | 976          | 0     | 0              | 0     | 0       | 0         | 976           | 0     |
| 8                                 | 594          | 0     | 0              | 0     | 0       | 0         | 594           | 0     |
| 9                                 | 0            | 0     | 0              | 0     | 0       | 0         | 0             | 0     |
| 10                                | 0            | 0     | 0              | 0     | 0       | 0         | 0             | 0     |
| 11                                | 0            | 0     | 0              | 0     | 0       | 0         | 0             | 0     |
| 14                                | 0            | 0     | 0              | 0     | 0       | 0         | 0             | 0     |
| 18                                | 0            | 0     | 0              | 0     | 0       | 0         | 0             | 0     |
| By Type                           | 80,290       | 0     | 0              | 0     | 0       | 0         | 80,290        | 0     |

All superstructure reinforcing steel shall be epoxy coated unless otherwise specified.

Alex C. Benz  
08/05/2026 2:49:32 PM  
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8/5/2026

|                |                 |
|----------------|-----------------|
| ROUTE<br>67    | STATE<br>MO     |
| DISTRICT<br>SE | SHEET NO.<br>53 |

COUNTY  
BUTLER

JST0062  
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

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

BENDING DIAGRAMS AND REINFORCING STEEL TOTALS

BYRNES DITCH BOX  
SPECIAL SHEET  
19 OF 21





BEGIN/END OF PROJECT SIGNING

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DISTRICT SE SHEET NO. 56

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JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

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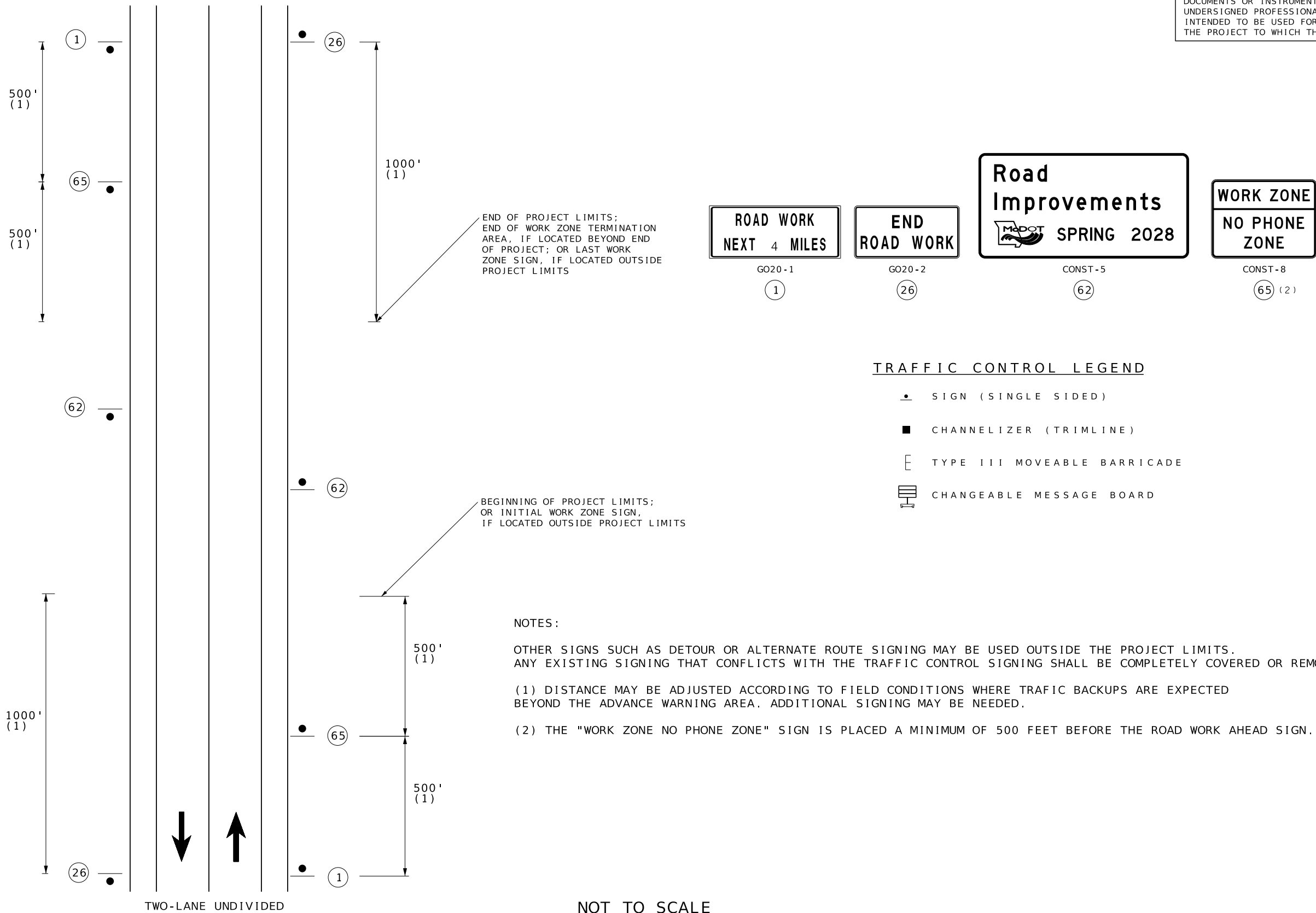
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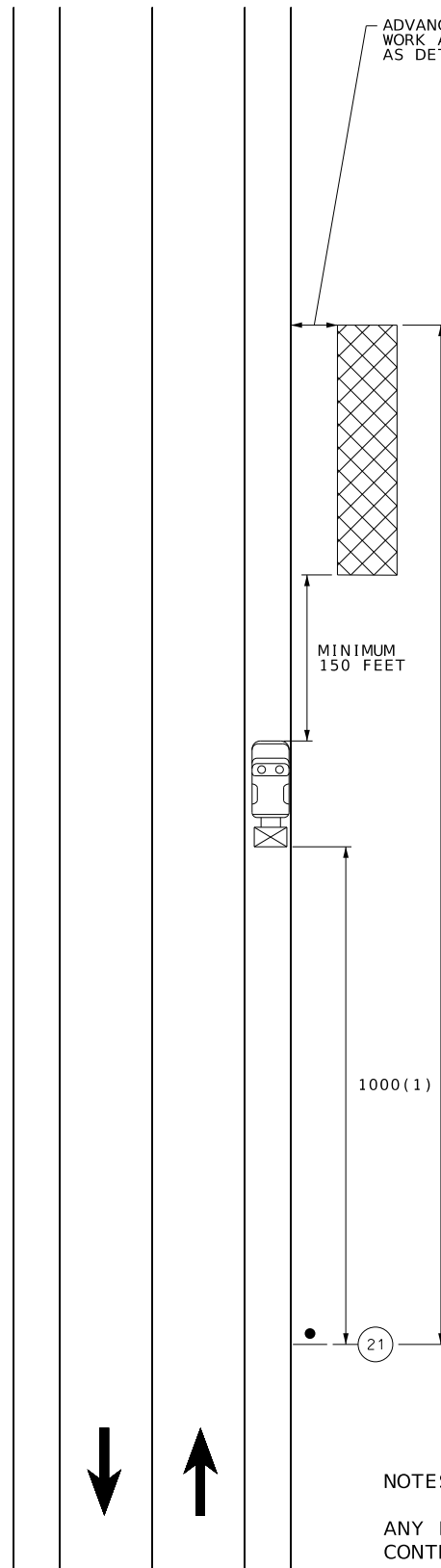
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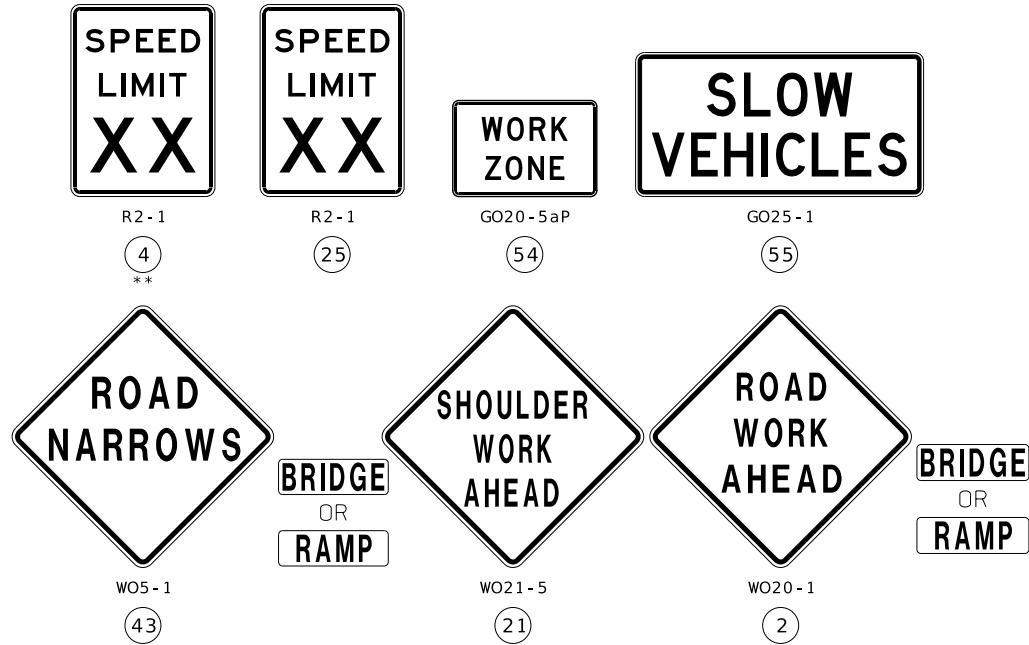


TYPICAL APPLICATION  
TRAFFIC CONTROL  
SHEET 1 OF 28

STATIONARY WORK  
BEYOND THE SHOULDER



ADVANCE WARNING SIGNS SHALL BE REQUIRED IF  
WORK AREA IS 0'-15' FROM EDGE OF SHOULDER OR  
AS DETERMINED BY THE ENGINEER.



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIMLINE)
- E TYPE III MOVEABLE BARRICADE
- CHANGEABLE MESSAGE BOARD
- WORK AREA
- TRUCK-MOUNTED ATTENUATOR

| SPEED                   | SIGN SPACING (ft.) | TAPER LENGTH (ft.) | RECOMMENDED             | CHANNELIZER SPACING (ft.)  |
|-------------------------|--------------------|--------------------|-------------------------|----------------------------|
| *Permanent Posted (mph) | Undivided (S)      | Shoulder (1) (T1)  | Buffer Length (ft.) (B) | Tapers Buffer / Work Areas |
| 40-45                   | 350                | 150                | 360                     | 40 80                      |
| 50-55                   | 500                | 185                | 495                     | 50 80                      |
| 60-70                   | 1000               | 235                | 730                     | 60 120                     |

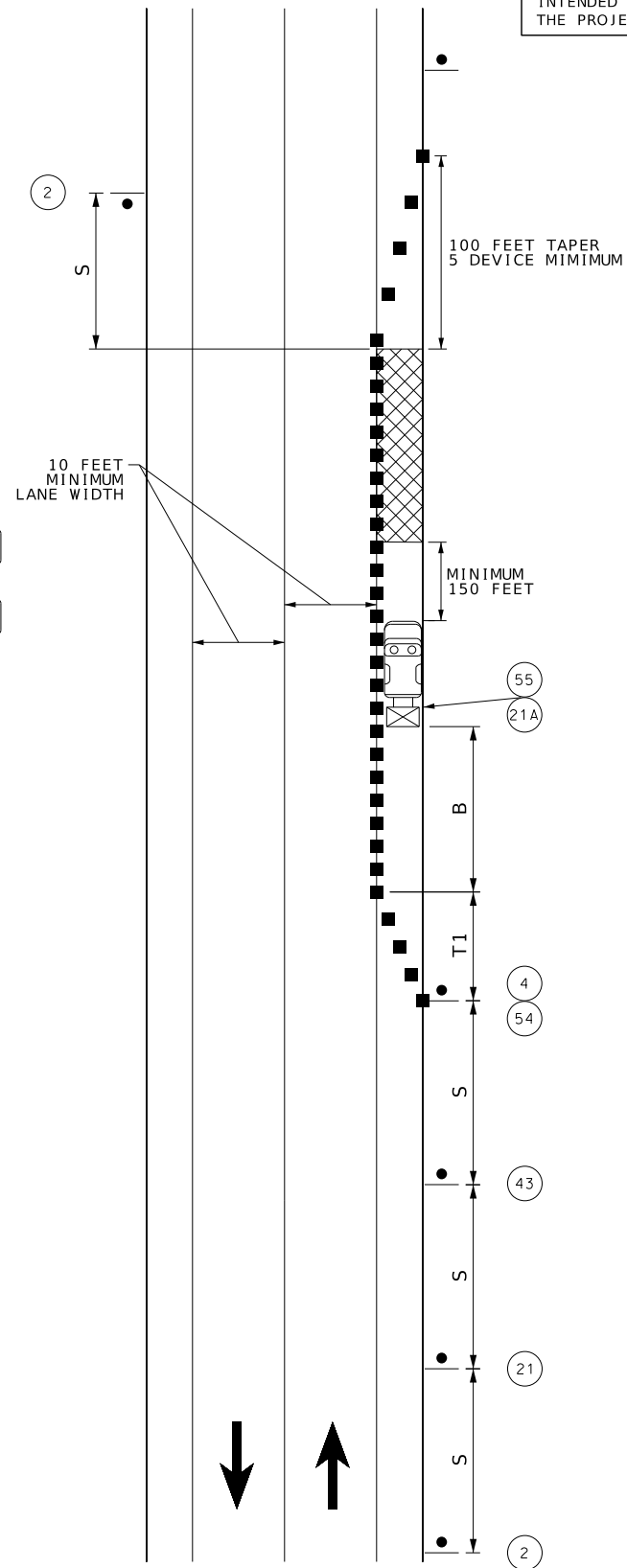
(1) SHOULDER TAPER LENGTH BASED ON 10FT OFFSET  
\*EX US 67 WITHIN NEELYVILLE SPEED LIMIT - 55 MPH  
EX US 67 OUTSIDE NEELYVILLE SPEED LIMIT - 60 MPH  
COUNTY ROAD SPEED - 45 MPH  
\*\*10 MPH SPEED REDUCTION

NOTES:

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

NOT TO SCALE

SHOULDER WORK WITH  
MINOR ENCROACHMENT



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ROUTE 67 STATE MO

DISTRICT SE SHEET NO. 57

COUNTY BUTLER

JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

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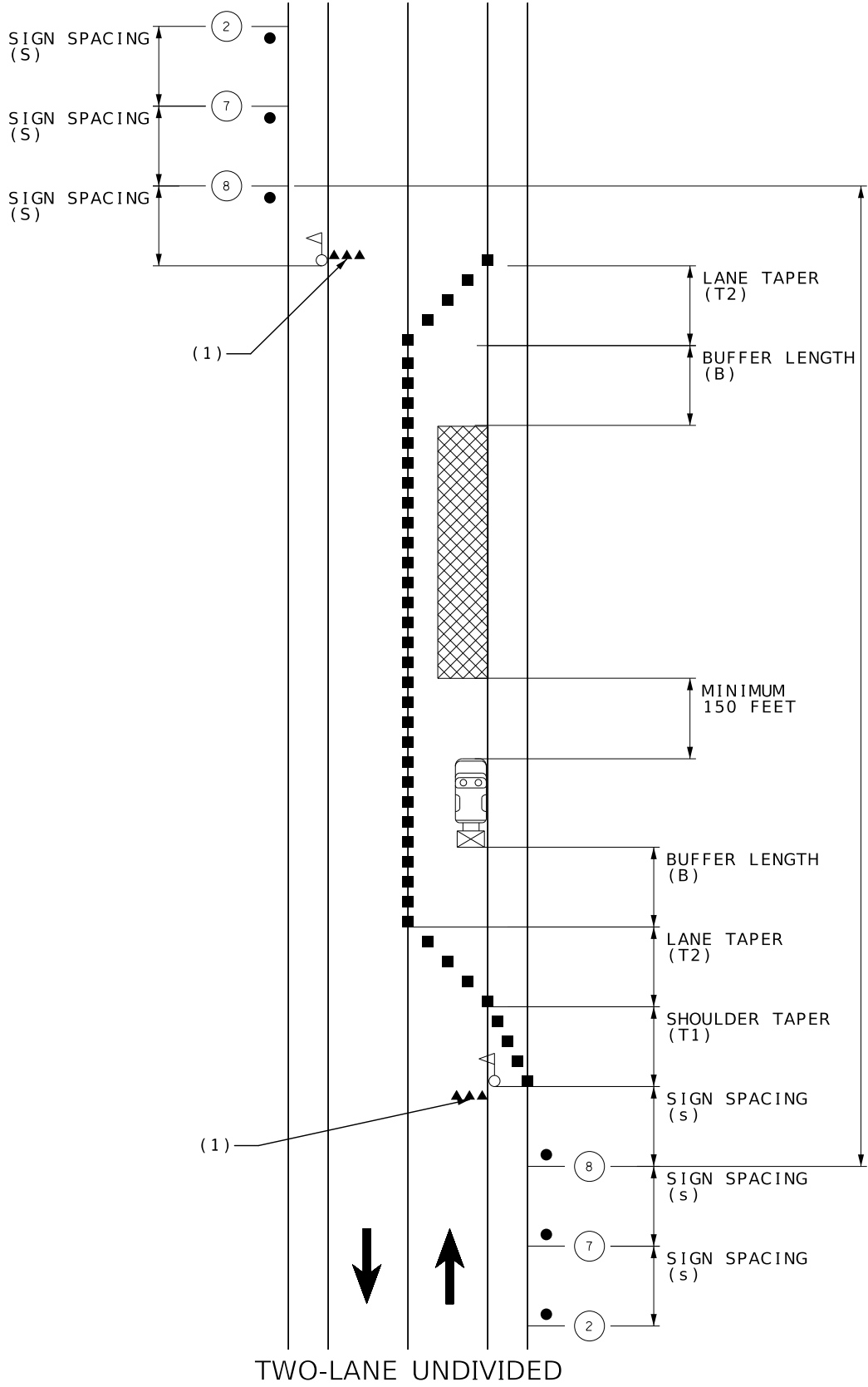
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TYPICAL APPLICATION  
TRAFFIC CONTROL  
SHEET 2 OF 28

ONE-WAY LANE CLOSURE WITH TWO-WAY TRAFFIC AND FLAG BEARERS



| SPEED                   | SIGN SPACING (ft.) | TAPER LENGTH (ft.) | RECOMMENDED             | CHANNELIZER SPACING (ft.) |
|-------------------------|--------------------|--------------------|-------------------------|---------------------------|
| *Permanent Posted (mph) | Undivided (S)      | Shoulder (T1)      | Buffer Length (ft.) (B) | Tapers                    |
| 40-45                   | 350                | 35                 | 100                     | 360                       |
| 50-55                   | 500                | 35                 | 100                     | 495                       |
| 60-70                   | 1000               | 35                 | 100                     | 730                       |

\*EX US 67 WITHIN NEELYVILLE SPEED LIMIT - 55 MPH  
EX US 67 OUTSIDE NEELYVILLE SPEED LIMIT - 60 MPH  
COUNTY ROAD SPEED - 45 MPH

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- ◁ FLAGGER
- ▲ DIRECTIONAL INDICATOR BARRICADES (DIB)
- CHANNELIZER (TRIMLINE)
- E TYPE III MOVEABLE BARRICADE
- CHANGEABLE MESSAGE BOARD
- TRUCK-MOUNTED ATTENUATOR
- WORK AREA

NOTES:

- OTHER SIGNS SUCH AS DETOUR OR ALTERNATE ROUTE SIGNING MAY BE USED OUTSIDE THE PROJECT LIMITS.
- ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
- (1) THE CONTRACTOR SHALL USE THE 3-2-1 CONE PROCEDURE DIRECTLY BEFORE A FLAGGER TO MAINTAIN WORK ZONE SAFETY.
- (2) THE CONTRACTOR MAY USE FLAGS TO ENHANCE THE FIRST OCCURANCE OF THE SIGN IN THE WORK ZONE WITHIN THE FIRST ADVANCED WARNING AREA

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ROUTE 67 STATE MO  
DISTRICT SE SHEET NO. 58

COUNTY BUTLER

JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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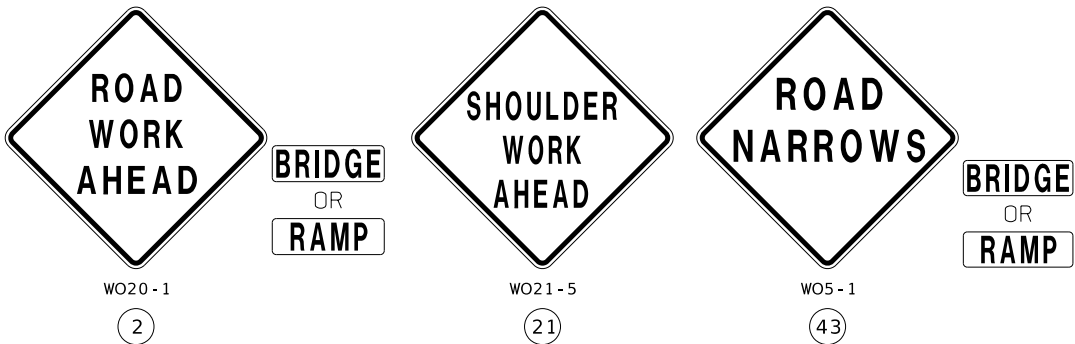
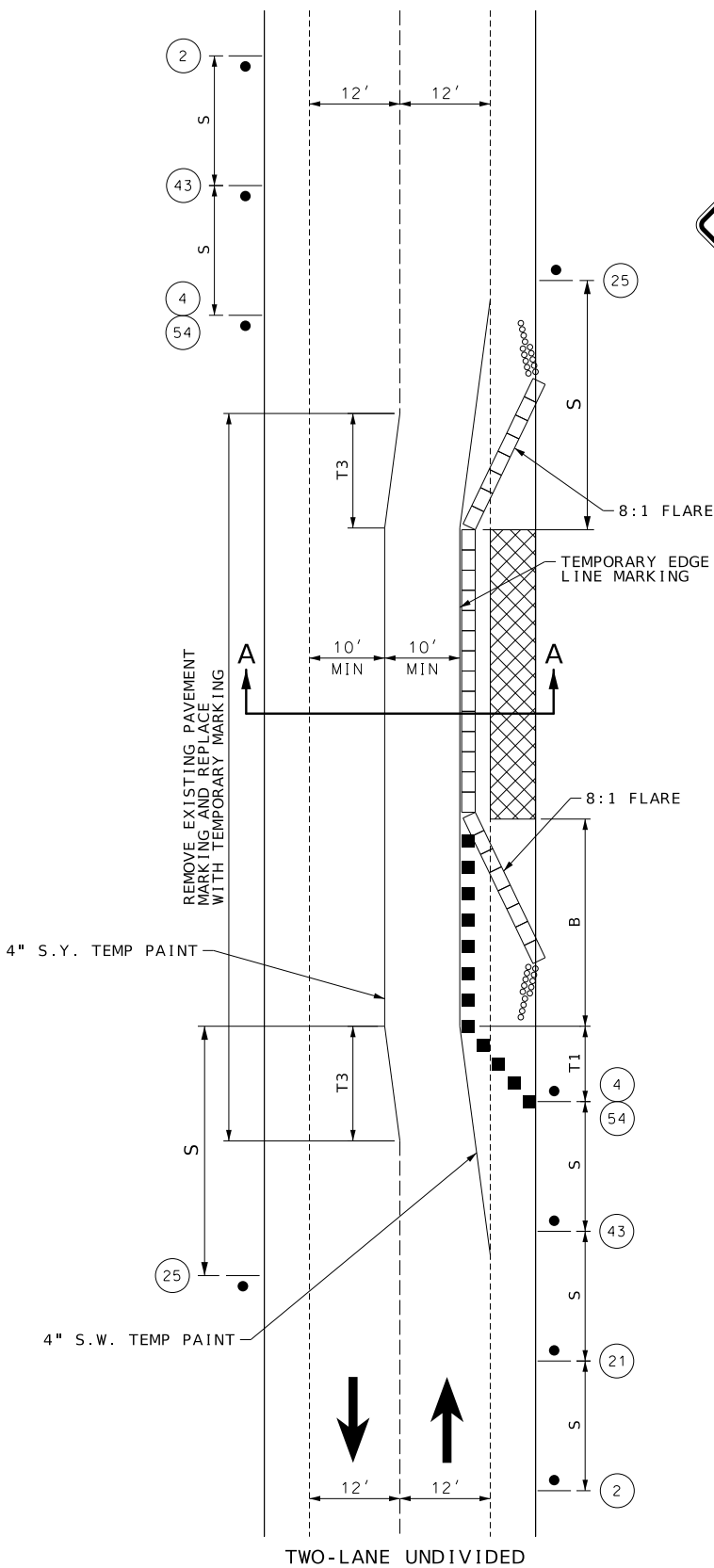
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TYPICAL APPLICATION  
TRAFFIC CONTROL  
SHEET 3 OF 28



SHOULDER WORK WITH MINOR ENCROACHMENT  
WITH TEMPORARY TRAFFIC BARRIER



| SPEED                   | SIGN SPACING (ft.) | TAPER LENGTH (ft.) |                             | RECOMMENDED             | CHANNELIZER SPACING (ft.) |                    |
|-------------------------|--------------------|--------------------|-----------------------------|-------------------------|---------------------------|--------------------|
| *Permanent Posted (mph) | Undivided (S)      | Shoulder (T1)      | Temporary Striping (3) (T3) | Buffer Length (ft.) (B) | Tapers                    | Buffer/ Work Areas |
| 40-45                   | 350                | 150                | 45                          | 360                     | 40                        | 80                 |
| 50-55                   | 500                | 185                | 55                          | 495                     | 50                        | 80                 |
| 60-70                   | 1000               | 235                | 70                          | 730                     | 60                        | 120                |

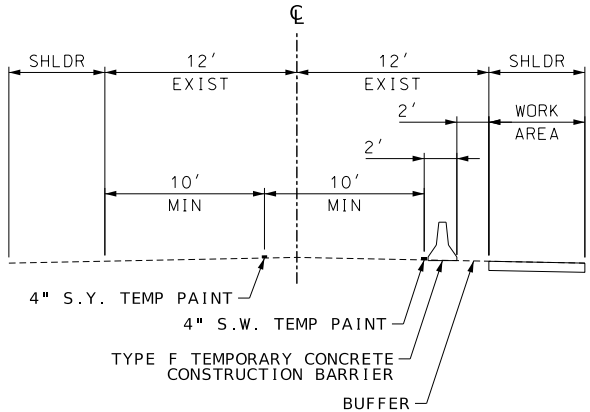
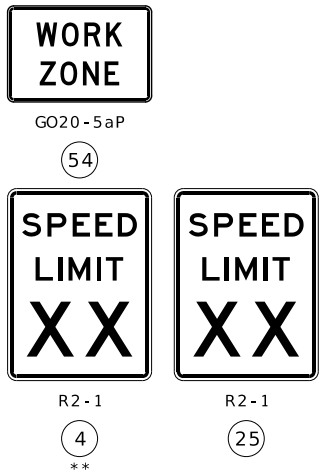
(1) SHOULDER TAPER LENGTH BASED ON 10FT OFFSET  
(3) LANE REDUCTION TAPER LENGTH BASED ON 2FT OFFSET  
\*EX US 67 WITHIN NEELYVILLE SPEED LIMIT - 55 MPH  
EX US 67 OUTSIDE NEELYVILLE SPEED LIMIT - 60 MPH  
COUNTY ROAD SPEED - 45 MPH  
\*\*10 MPH SPEED REDUCTION

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIMLINE)
- ⌈ TYPE III MOVEABLE BARRICADE
- CHANGEABLE MESSAGE BOARD
- TYPE F TEMPORARY CONCRETE CONSTRUCTION BARRIER
- WORK AREA
- IMPACT ATTENUATOR

NOTES:

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



SECTION A-A

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Margaret Ann Bruns - Civil  
MO PE-2010000798

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7/22/2026

ROUTE 67 STATE MO

DISTRICT SE SHEET NO. 59

COUNTY BUTLER

JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MoDOT

13523 Barrett Parkway Dr  
Suite 250  
St. Louis, MO 63021  
Phone 314-394-3100  
Fax 314-394-3199  
Missouri Certificate of Authority: 001578

EFK Moen

Civil Engineering Design

13523 Barrett Parkway Dr  
Suite 250  
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Fax 314-394-3199  
Missouri Certificate of Authority: 001578

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TYPICAL APPLICATION

TRAFFIC CONTROL  
SHEET 4 OF 28







WO20-3

(20)



WO20-3

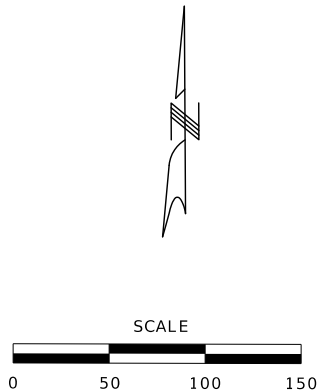
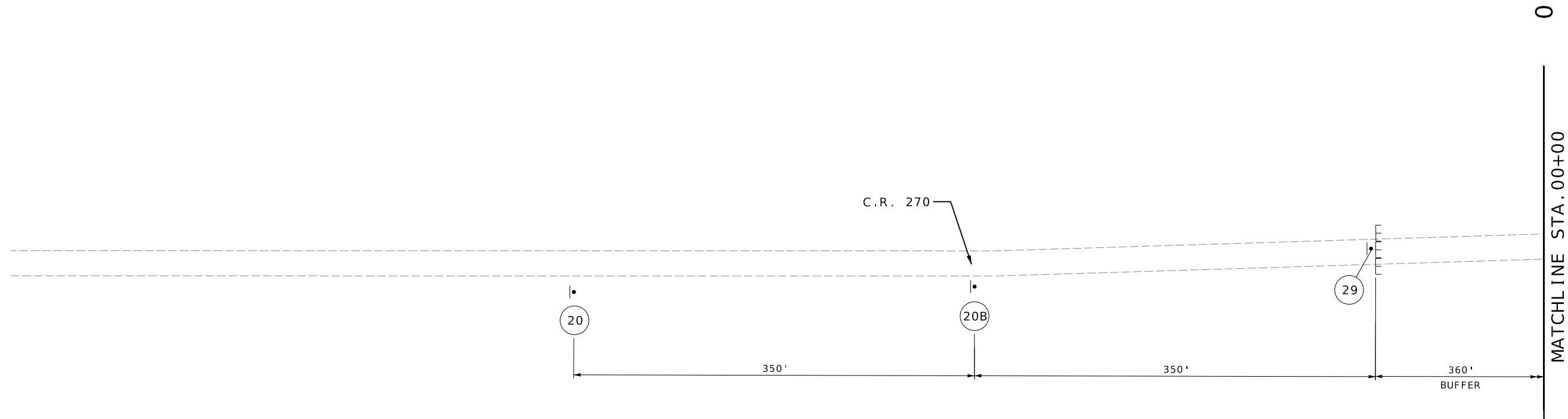
(20B)



R11-2

(29)

NOTES:  
DURING C.R. 270 CONTRACTOR SHALL MAINTAIN  
ACCESS TO THE FOLLOWING ADDRESS:  
\*17999 US 67 ,NEELYVILLE MO 63954  
\*206 CO RD 270, NEELYVILLE MO 63954  
\*185 CO RD 270, NEELYVILLE MO 63954  
\*162 CO RD 270, NEELYVILLE MO 63954  
\*161 CO RD 270, NEELYVILLE MO 63954  
\*131 CO RD 270, NEELYVILLE MO 63954  
\*89 CO RD 270, NEELYVILLE MO 63954



TRAFFIC CONTROL LEGEND

- SIGN ( SINGLE SIDED )
- CHANNELIZER
- E TYPE III MOVABLE BARRICADE
- CHANGEABLE MESSAGE BOARD
- STAGE 1A CONSTRUCTION

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7/22/2026

ROUTE 67 STATE MO  
DISTRICT SE SHEET NO. 61

COUNTY BUTLER  
JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL  
JEFFERSON CITY, MO 65102

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

MoDOT

13523 Barrett Parkway Dr  
Suite 250  
St. Louis, MO 63021

Phone 314-394-3100  
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STAGE 1A-C.R. 270  
TRAFFIC CONTROL  
SHEET 6 OF 28



WO20-3

20



WO20-3

(20B)

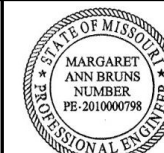


R11-2

(29)

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| MO PE-201000079 |
| DATE PREPARED   |

7/22/2020

|       |       |
|-------|-------|
| ROUTE | STATE |
| 67    | MO    |

|          |           |
|----------|-----------|
| DISTRICT | SHEET NO. |
| SE       | 62        |

|        |  |
|--------|--|
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BUTLER

|         |  |
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JST0062

CONTRACT ID.

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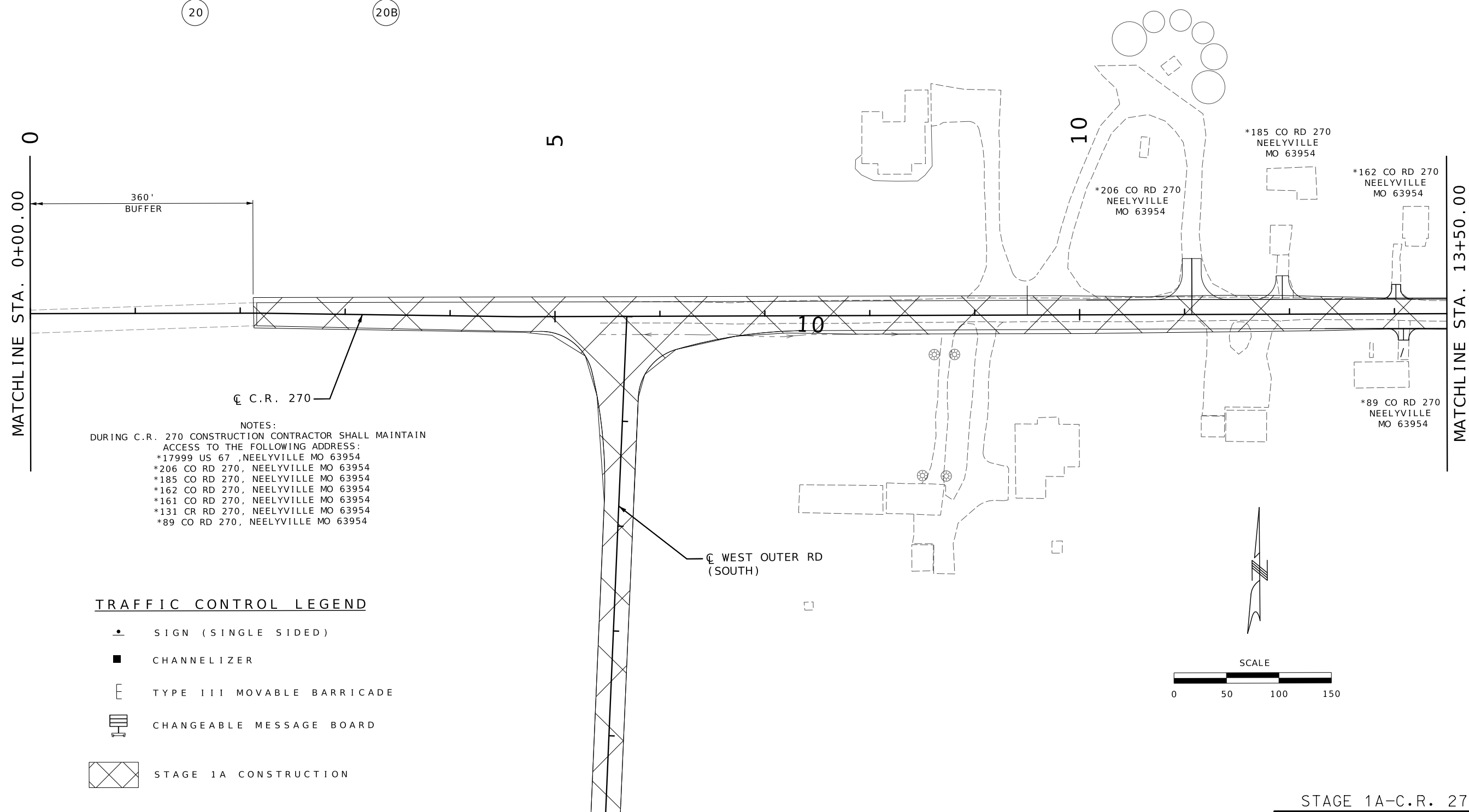
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MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

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

**EFK♦Moen**  
Civil Engineering Design

**Civil Engineering Design**  
3523 Barrett Parkway Dr  
Suite 250  
St. Louis, MO 63021  
Phone 314-394-3100  
Fax 314-394-3199  
Missouri Certificate of Authority: 001578

[illegible]

NOTES:  
DURING C.R 270 CONSTRUCTION CONTRACTOR SHALL MAINTAIN  
ACCESS TO THE FOLLOWING ADDRESS:  
\*17999 US 67 ,NEELYVILLE MO 63954  
\*206 CO RD 270, NEELYVILLE MO 63954  
\*185 CO RD 270, NEELYVILLE MO 63954  
\*162 CO RD 270, NEELYVILLE MO 63954  
\*161 CO RD 270, NEELYVILLE MO 63954  
\*131 CO RD 270, NEELYVILLE MO 63954  
\*89 CO RD 270, NEELYVILLE MO 63954

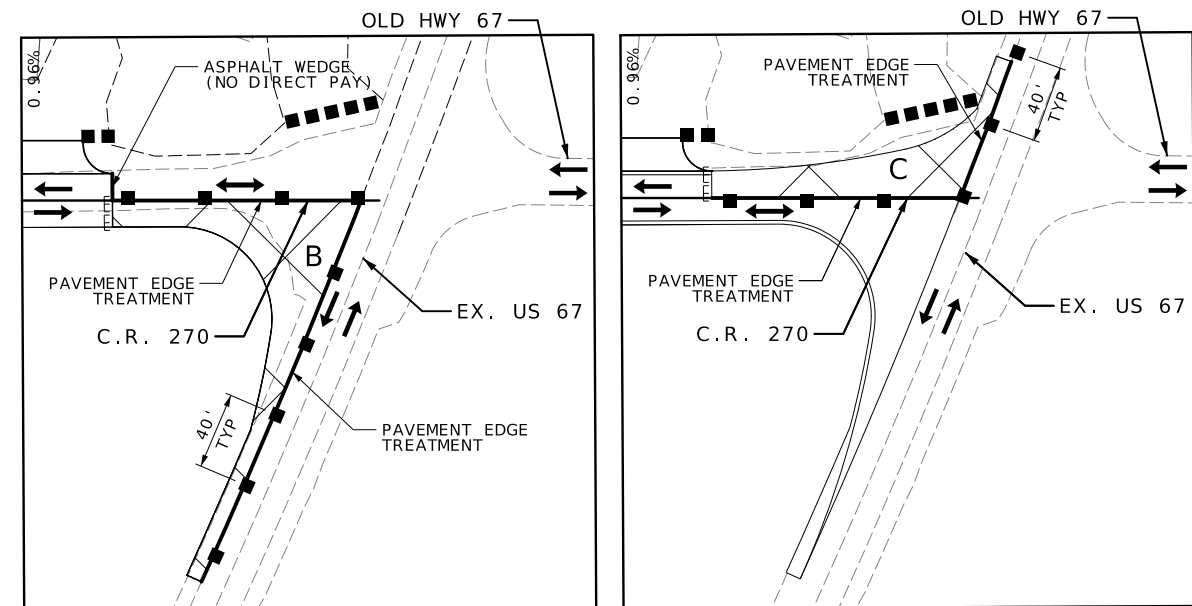
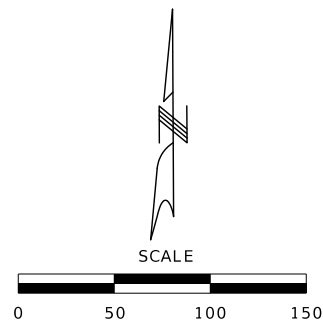
\* 161 CO RD 270  
NEELYVILLE  
MO 63954

15

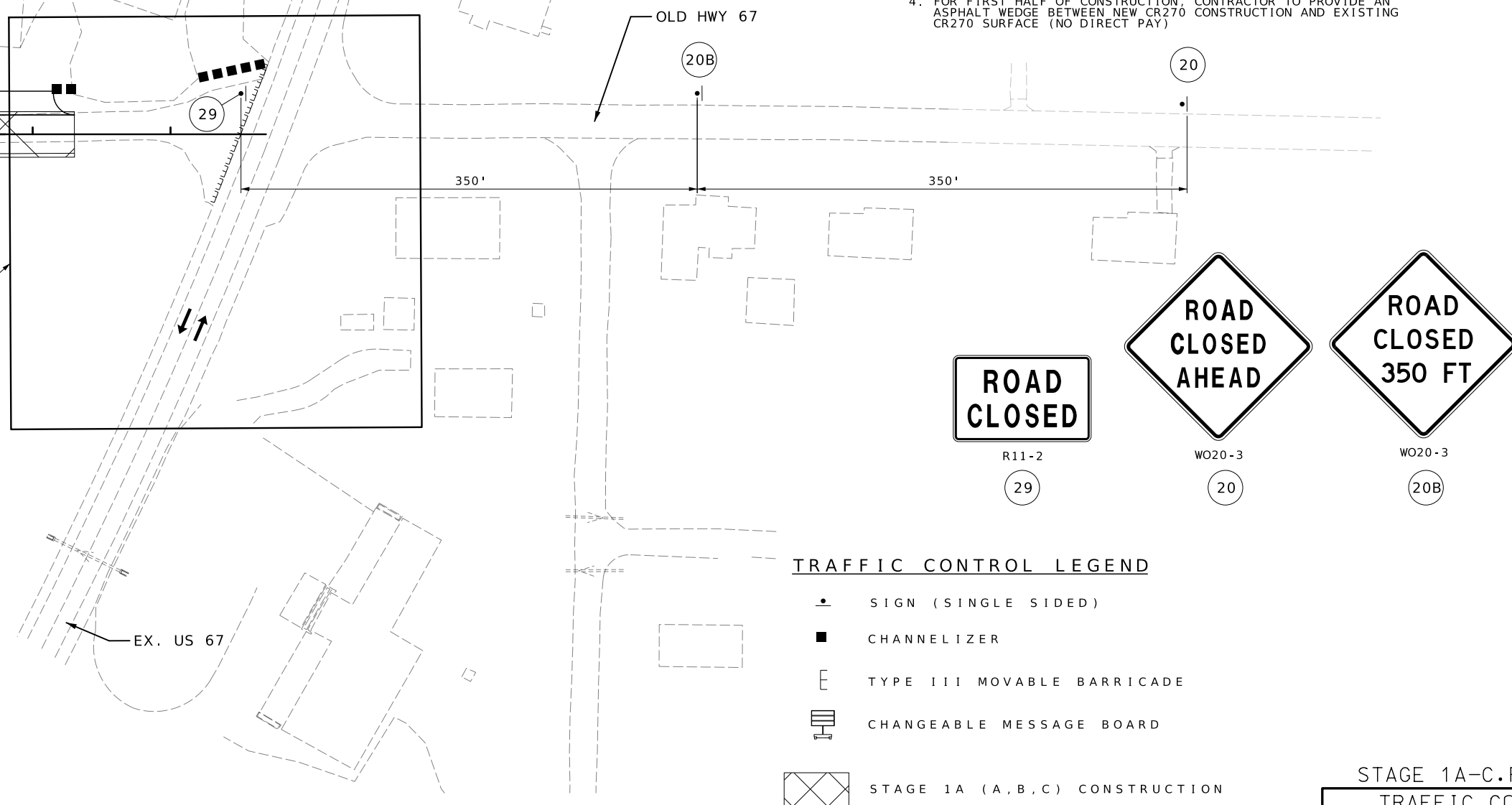
\* 131 CO RD 270  
NEELYVILLE  
MO 63954

MATCHLINE STA. 13+50.00

21761 US 67  
NEELYVILLE  
MO 63954



1. BUILD INTERSECTION HALF AT A TIME. BUILD SOUTHERN HALF FIRST.
2. ONE LANE OPEN WITH TWO-WAY TRAFFIC DURING WORKING HOURS.  
SEE "TYPICAL APPLICATION - ONE-WAY LANE CLOSURE WITH  
TWO-WAY TRAFFIC AND FLAG BEARERS"
3. FOR NON-WORKING HOURS, PROVIDE PAVEMENT EDGE TREATMENT.  
SEE "TYPICAL APPLICATION - SHOULDER WORK WITH MINOR  
ENCROACHMENT FOR EXISTING US 67 TRAFFIC CONTROL."
4. FOR FIRST HALF OF CONSTRUCTION, CONTRACTOR TO PROVIDE AN  
ASPHALT WEDGE BETWEEN NEW CR270 CONSTRUCTION AND EXISTING  
CR270 SURFACE (NO DIRECT PAY)



STAGE 1A-C.R. 270  
TRAFFIC CONTROL  
SHEET 8 OF 28

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

# EFK♦Moen

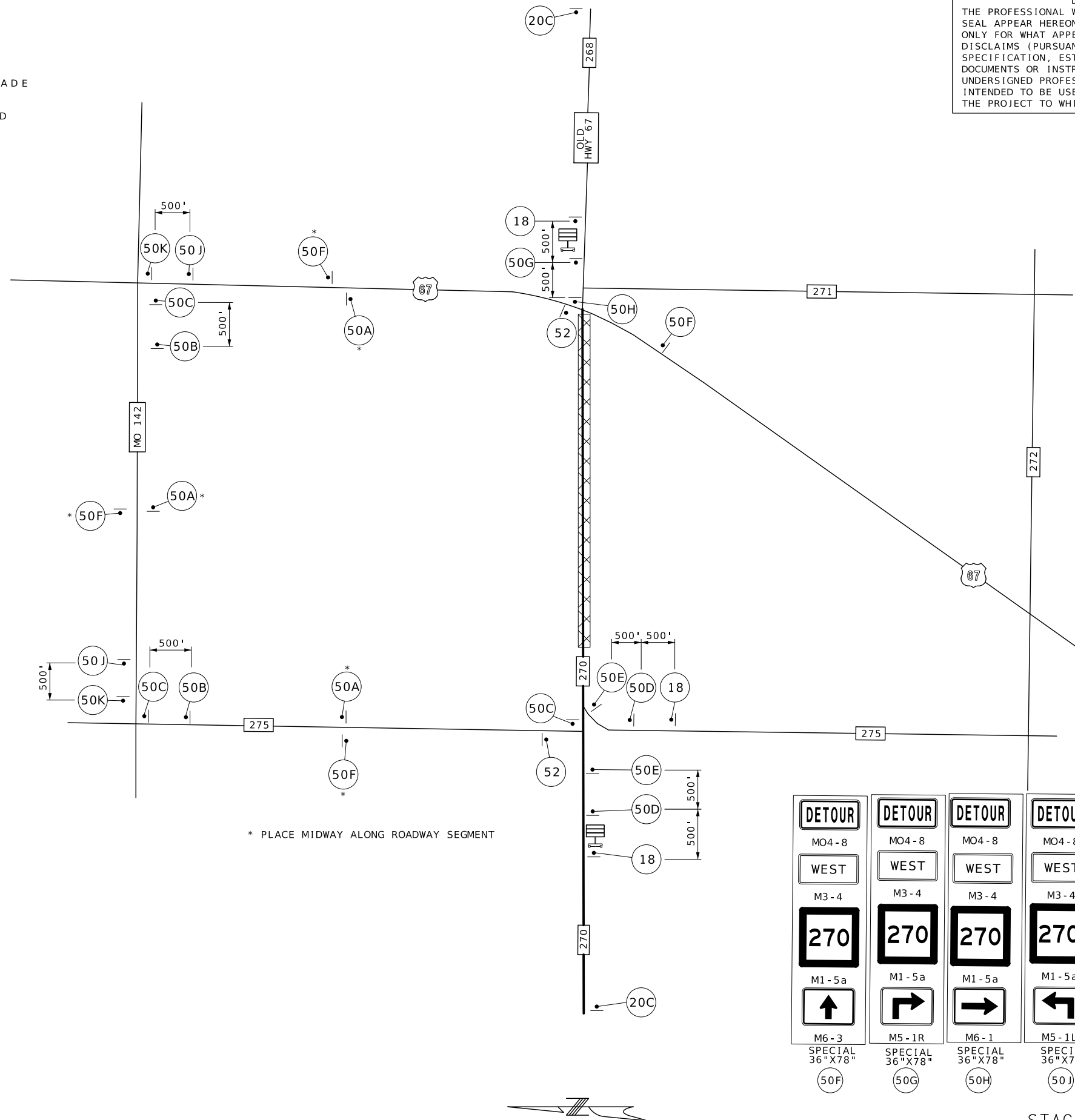
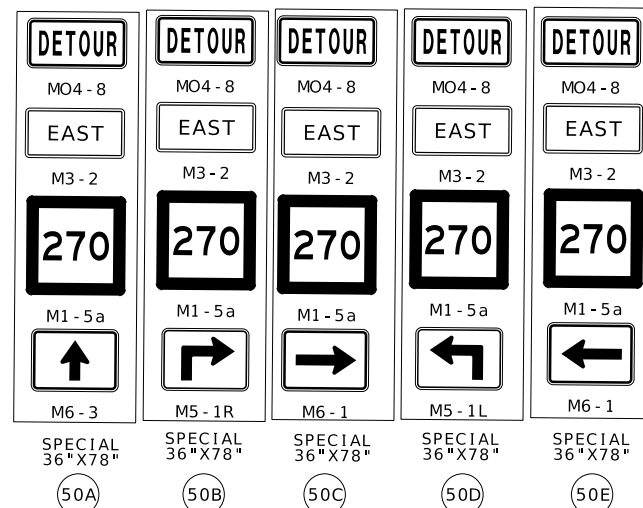
**Civil Engineering Design**  
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Suite 250  
St. Louis, MO 63021  
Phone 314-394-3100  
Fax 314-394-3199  
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|                                                                                   |                            |
|-----------------------------------------------------------------------------------|----------------------------|
|  | SIGN (SINGLE SIDED)        |
|  | TYPE III MOVABLE BARRICADE |
|  | CHANGEABLE MESSAGE BOARD   |
|  | ROAD CLOSURE               |

20C

18

52



NOT TO SCALE

7/22/2026

|          |           |
|----------|-----------|
| 6.7      | MO        |
| DISTRICT | SHEET NO. |

COUNTY  
DUTLER

JST0062

PROJECT NO.

BRIDGE NO.

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**Eli Lilly**  
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 C. La  
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0 PM 7/22/2026

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pw://cmtengr-pw.bentley.com:cmt-connect-projects/Documents/MoDOT/US67 Freeway Conversion - Phase 3/040908/Roadway/Sheets/ST0062 Current Plans/063 TC 09 JST0062 1700 Stage 1 Detour 270.dgn 8:00:40 PM 7/22/2026

TRAFFIC CONTROL NOTES

1. MAINTAIN TRAFFIC ON EXISTING US 67
2. SEE "TYPICAL APPLICATION - SHOULDER WORK WITH MINOR ENCROACHMENT" SHEET FOR GUARDRAIL PLACEMENT TRAFFIC CONTROL

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Margaret Ann Bruns - Civil  
MO PE-2010000798

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7/22/2026

ROUTE 67 STATE MO

DISTRICT SE SHEET NO. 65

COUNTY BUTLER

JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

MoDOT

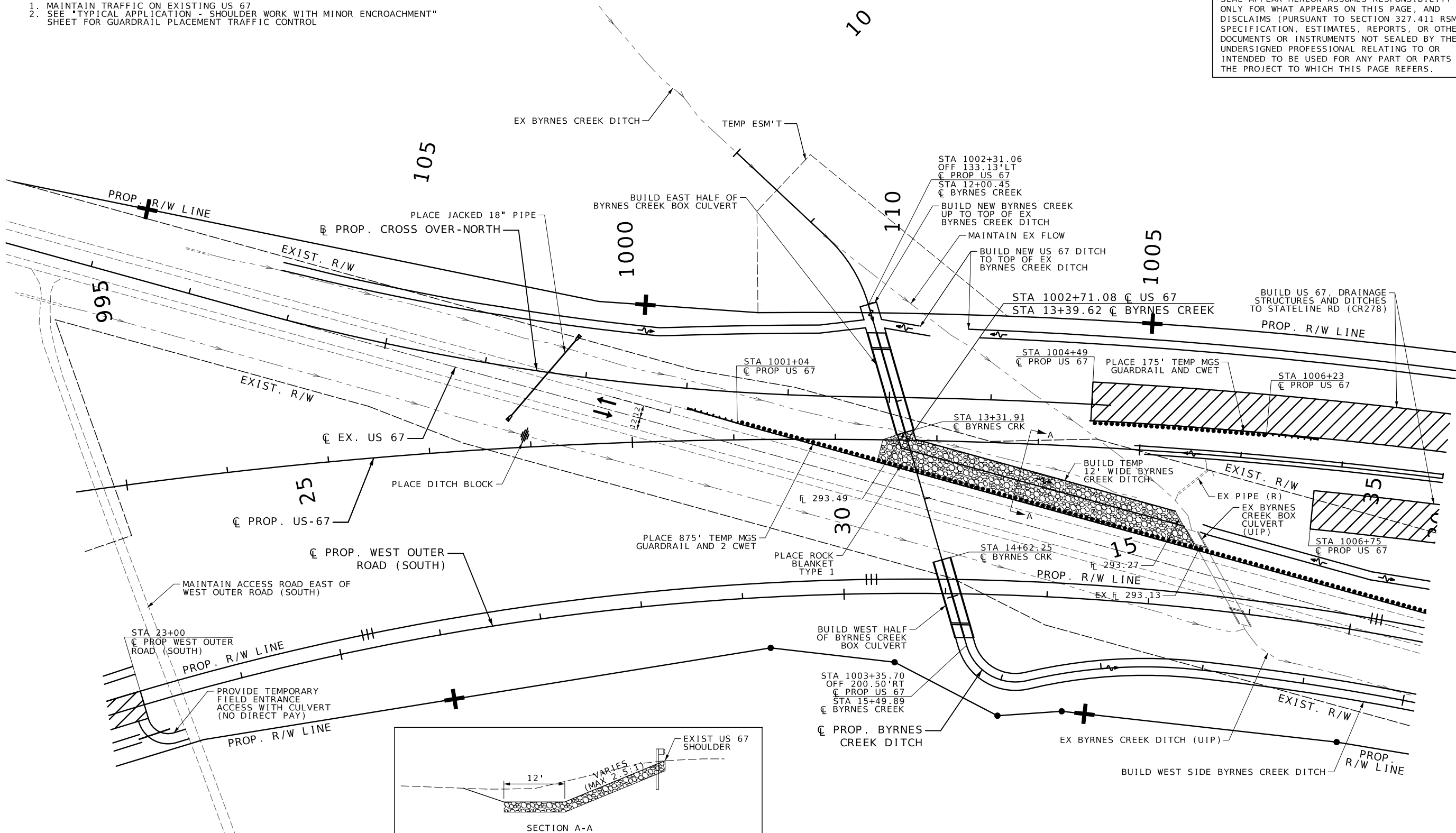
Civil Engineering Design

13523 Barrett Parkway Dr

Suite 250 Phone 314-394-3100

St. Louis, MO 63021 Fax 314-394-3199

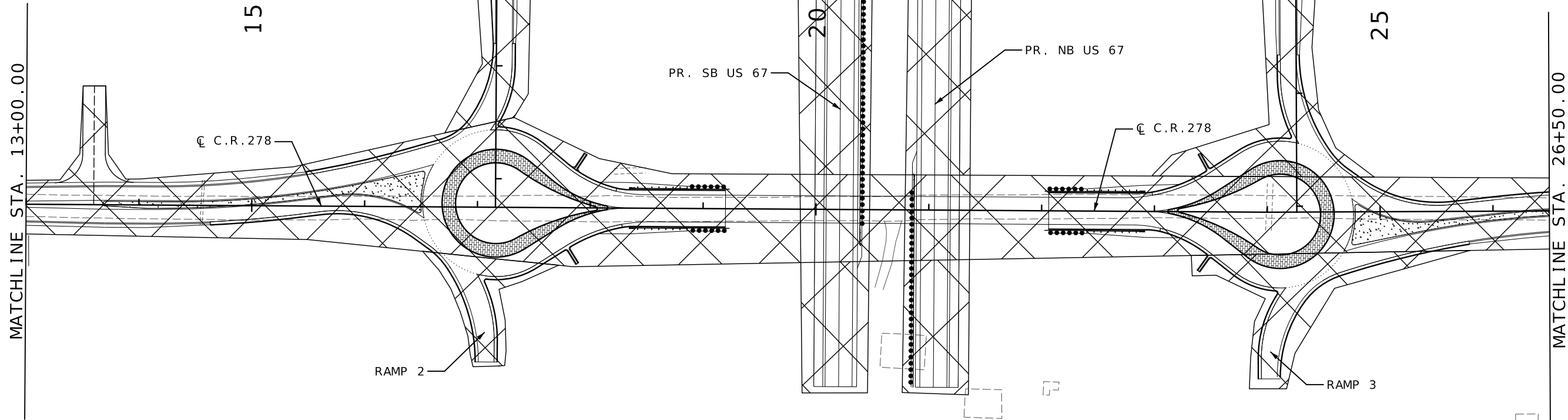
Missouri Certificate of Authority: 001578







NOTES:  
DURING THE ROAD CLOSURE OF C.R. 278.  
CONSTRUCTION CONTRACTOR SHALL MAINTAIN ACCESS TO  
\*2419 CR 278, NEELYVILLE MO 63954  
\*2373 CR 278, NEELYVILLE MO 63954  
\*1008 STATE LINE RD, CORNING AR 7422  
\*1024 STATE LINE RD, CORNING AR 7422  
\*1158 STATE LINE RD, CORNING AR 72422



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- TYPE III MOVABLE BARRICADE
- CHANGEABLE MESSAGE BOARD
- STAGE 1A CONSTRUCTION

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MO PE-2010000798  
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7/22/2026

ROUTE 67 STATE MO

DISTRICT SE SHEET NO. 67

COUNTY BUTLER

JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

STAGE 1A-C.R.278

TRAFFIC CONTROL

SHEET 12 OF 28

EFK Moen

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13523 Barrett Parkway Dr  
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St. Louis, MO 63021

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MATCHLINE STA. 26+50.00

30

35

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DATE PREPARED  
7/22/2026

ROUTE 67 STATE MO  
DISTRICT SE SHEET NO. 68

COUNTY BUTLER

JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MoDOT

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St. Louis, MO 63021  
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Civil Engineering Design

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Phone 314-394-3100  
Fax 314-394-3199  
Missouri Certificate of Authority: 001578

STAGE 1A-C.R.278

TRAFFIC CONTROL

SHEET 13 OF 28

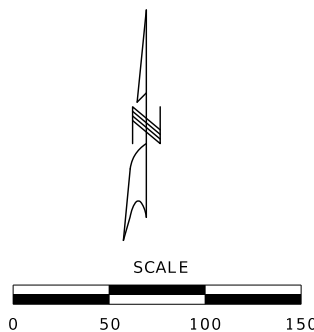
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NOTE:  
1158 STATE LINE RD HAS BEEN VACATED  
DRIVEWAY ACCESS NEED NOT BE MAINTAINED

\*1158 STATE LINE RD  
CORNING, AR 72422

NOTES:  
DURING THE ROAD CLOSURE OF C.R. 278.  
CONTRACTOR SHALL MAINTAIN ACCESS TO  
\*2419 CR 278, NEELYVILLE MO 63954  
\*2373 CR 278, NEELYVILLE MO 63954  
\*1008 STATE LINE RD, CORNING AR 7422  
\*1024 STATE LINE RD, CORNING AR 7422



WORK DONE  
BY OTHERS

#### TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- TYPE III MOVABLE BARRICADE
- CHANGEABLE MESSAGE BOARD
- STAGE 1A CONSTRUCTION



WO20-3  
(20)



WO20-3  
(20B)



R11-2  
(29)

STAGE 1A-C.R.278

TRAFFIC CONTROL  
SHEET 13 OF 28





TRAFFIC CONTROL NOTES

1. MAINTAIN TRAFFIC ON EXISTING US 67
2. SEE "TYPICAL APPLICATION - SHOULDER WORK WITH MINOR ENCROACHMENT" SHEET FOR CROSSOVER CONNECTION TO EXIST US 67 CONSTRUCTION.

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7/22/2026

ROUTE 67 STATE MO

DISTRICT SE SHEET NO. 70

COUNTY BUTLER

JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MoDOT

13523 Barrett Parkway Dr  
Suite 250  
St. Louis, MO 63021  
Phone 314-394-3100  
Fax 314-394-3199  
Missouri Certificate of Authority: 001578

EFK Moen

Civil Engineering Design

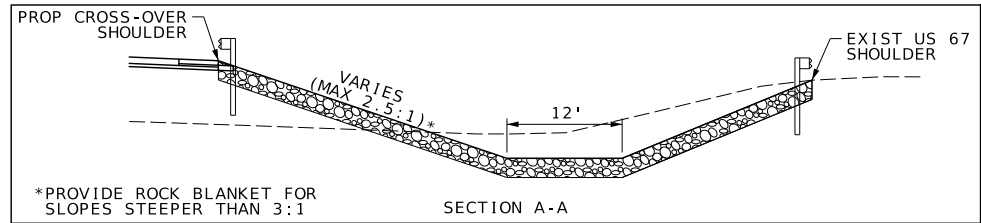
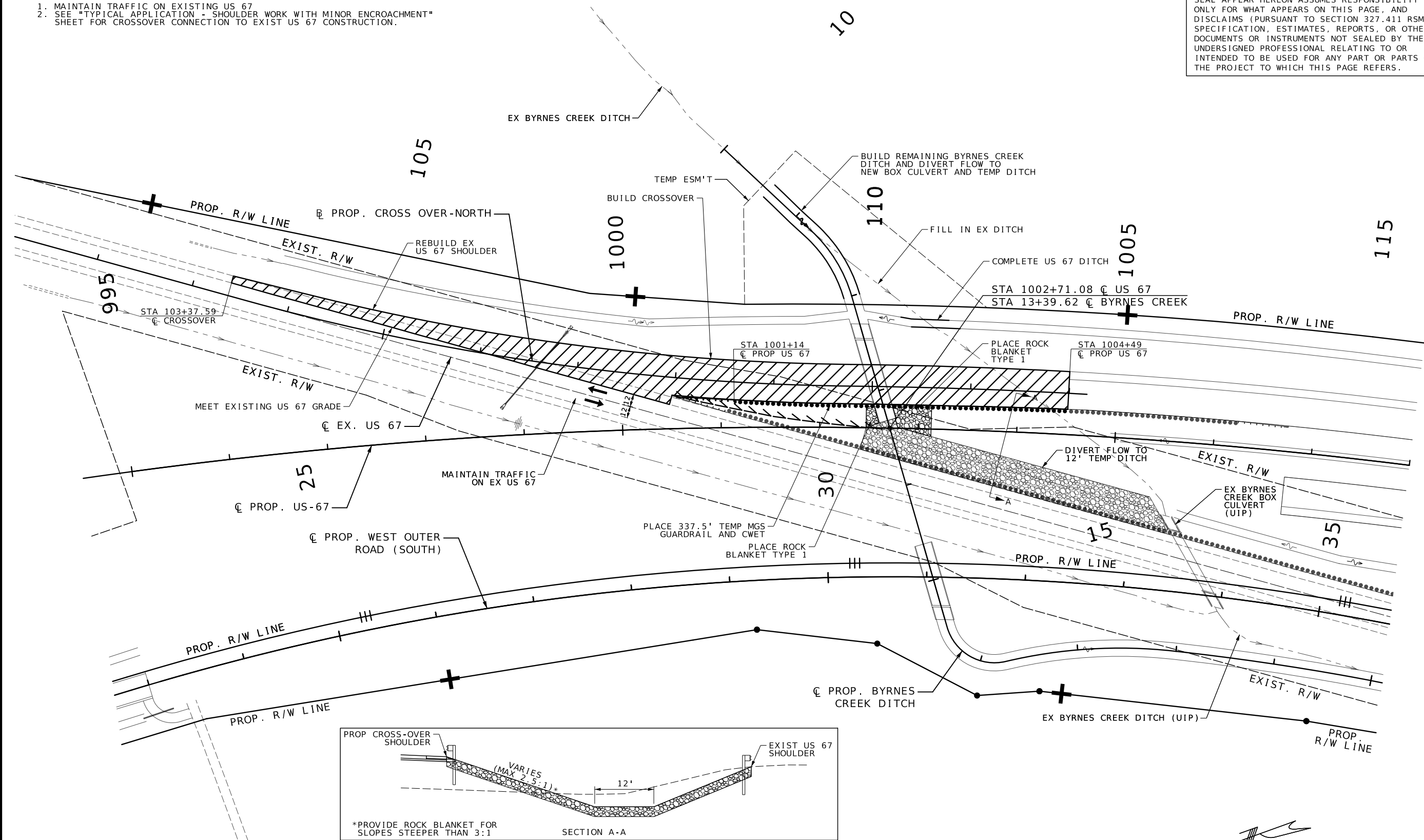
13523 Barrett Parkway Dr  
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STAGE 1B - CROSSOVER

TRAFFIC CONTROL

SHEET 15 OF 28

pw://cmtengr-pw.bentley.com:cmt-connect-projects/Documents/MoDOT/US67 Freeway Conversion - Phase 3/040908/Roadway/Sheets/ST0062 Current Plans/069\_TC\_15\_JST0062\_i50\_Stage 1B at Crossover.dgn 8:01:16 PM 7/22/2026

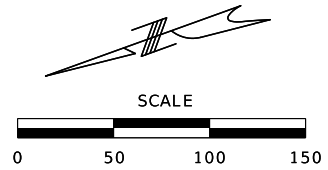


TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- TEMPORARY TYPE F BARRIER
- ▨ STAGE 1B CONSTRUCTION

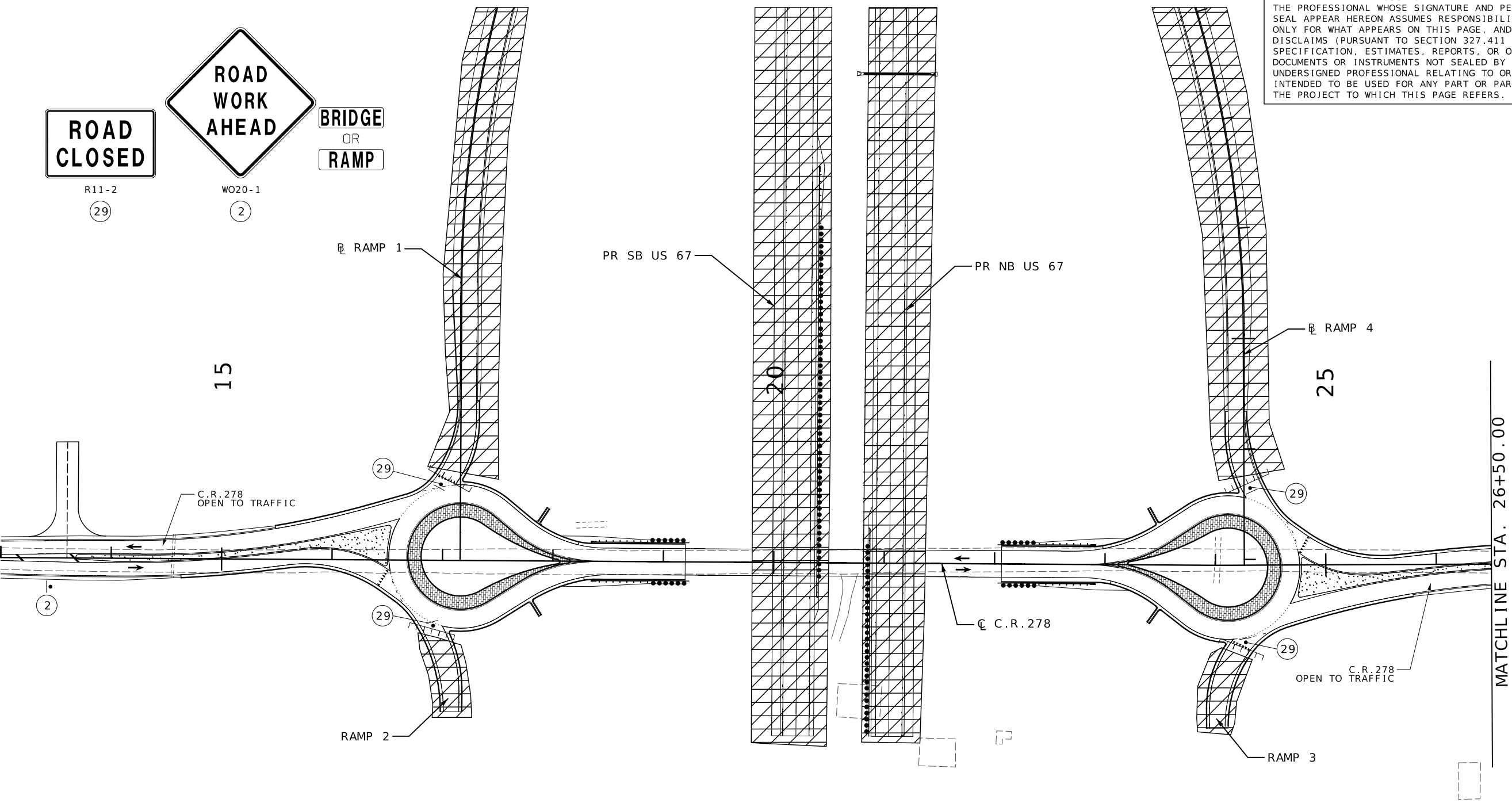
STAGE 1B

- DIVERT BYRNES CREEK DITCH FLOW TO EAST SECTION OF BOX CULVERT AND TEMPORARY BYRNES CREEK DITCH
- COMPLETE EAST SIDE DITCH
- FILL IN EXISTING BYRNES CREEK DITCH
- COMPLETE CROSSOVER CONSTRUCTION
- GRADE TEMP V-DITCH FROM GORGE TO TEMP BYRNES CREEK DITCH
- PLACE REMAINING TEMPORARY GUARDRAIL ALONG CROSSOVER
- CLOSE ACCESS ROAD TO FIELD ENTRANCE OFF OF PROP US 67



STAGE 1B - CROSSOVER

TRAFFIC CONTROL  
SHEET 15 OF 28



ROAD  
CLOSED

R11-2  
(29)

ROAD  
WORK  
AHEAD

WO20-1  
(2)

BRIDGE  
OR  
RAMP

RAMP 1

PR SB US 67

PR NB US 67

RAMP 4

15

20

25

C.R. 278  
OPEN TO TRAFFIC

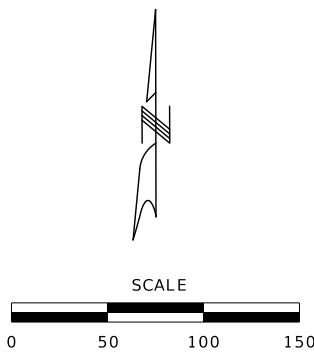
C.R. 278

C.R. 278  
OPEN TO TRAFFIC

RAMP 2

RAMP 3

MATCHLINE STA. 26+50.00



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- E TYPE III MOVABLE BARRICADE
- CHANGEABLE MESSAGE BOARD
- CHANNELIZERS TRIMELINES
- 1B CONSTRUCTION

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7/22/2026

ROUTE 67 STATE MO  
DISTRICT SE SHEET NO. 71

COUNTY BUTLER

JOB NO. JST0062

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)

**EFK Moen**  
Civil Engineering Design  
13523 Barrett Parkway Dr  
Suite 250  
St. Louis, MO 63021  
Phone 314-394-3100  
Fax 314-394-3199  
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STAGE 1B-C.R. 278  
TRAFFIC CONTROL  
SHEET 16 OF 28

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

7/22/2026

|          |           |
|----------|-----------|
| 67       | MO        |
| DISTRICT | SHEET NO. |

COUNTY  
BUTLER

JST0062

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CONTRACT ID.

PROJECT NO.

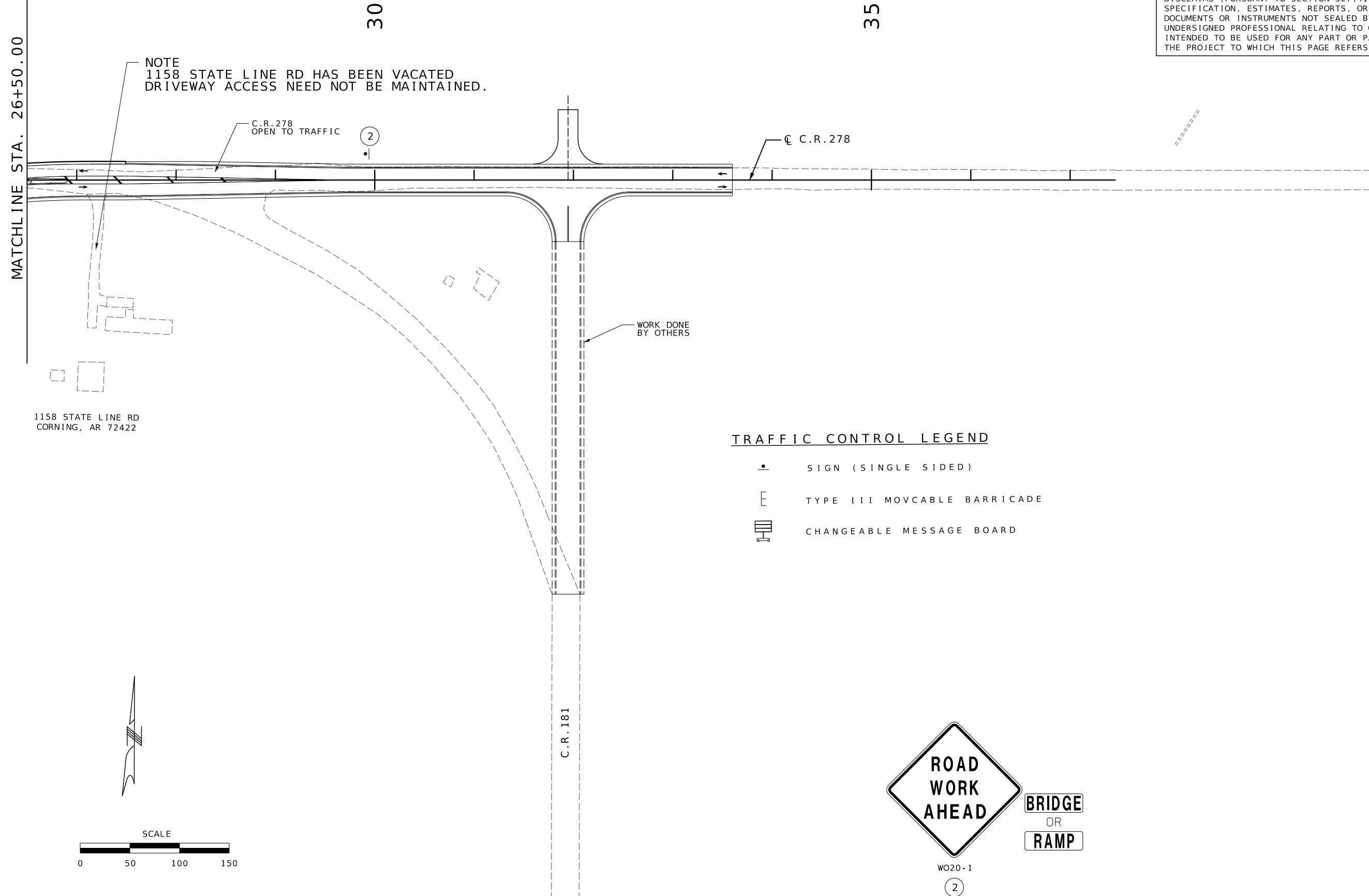
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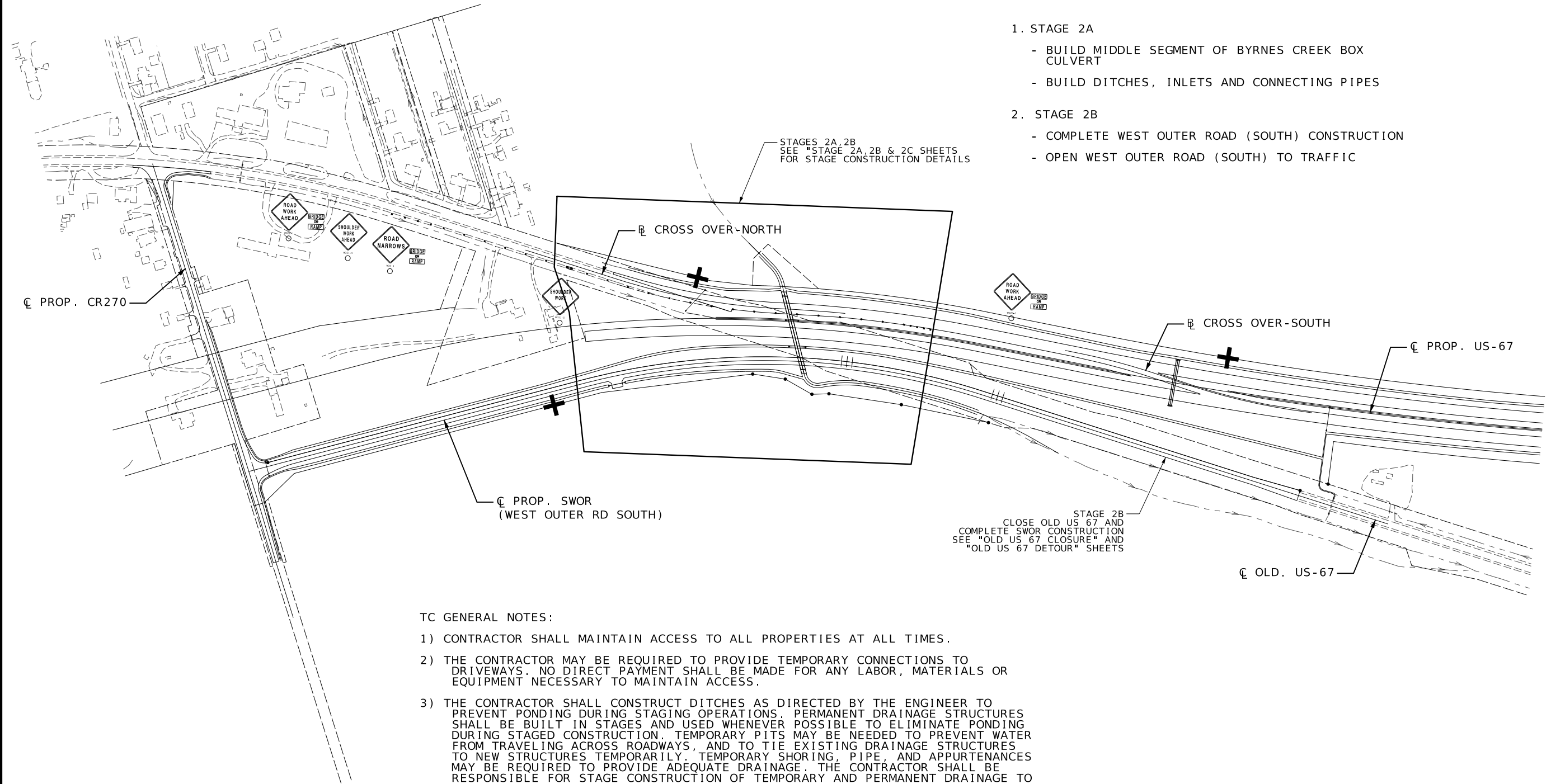
COMMISSION

105 WEST CAPITOL  
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**EFK•Moen**  
**Civil Engineering Design**  
13523 Barrett Parkway Dr  
Suite 230  
St. Louis, MO 63021  
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Fax 314-394-3199  
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[illegible]

STAGE 1B-C.R. 278  
TRAFFIC CONTROL  
SHEET 17 OF 28



- 1) CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES AT ALL TIMES.
- 2) THE CONTRACTOR MAY BE REQUIRED TO PROVIDE TEMPORARY CONNECTIONS TO DRIVEWAYS. NO DIRECT PAYMENT SHALL BE MADE FOR ANY LABOR, MATERIALS OR EQUIPMENT NECESSARY TO MAINTAIN ACCESS.
- 3) THE CONTRACTOR SHALL CONSTRUCT DITCHES AS DIRECTED BY THE ENGINEER TO PREVENT PONDING DURING STAGING OPERATIONS. PERMANENT DRAINAGE STRUCTURES SHALL BE BUILT IN STAGES AND USED WHENEVER POSSIBLE TO ELIMINATE PONDING DURING STAGED CONSTRUCTION. TEMPORARY PITS MAY BE NEEDED TO PREVENT WATER FROM TRAVELING ACROSS ROADWAYS, AND TO TIE EXISTING DRAINAGE STRUCTURES TO NEW STRUCTURES TEMPORARILY. TEMPORARY SHORING, PIPE, AND APPURTENANCES MAY BE REQUIRED TO PROVIDE ADEQUATE DRAINAGE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR STAGE CONSTRUCTION OF TEMPORARY AND PERMANENT DRAINAGE TO PREVENT PONDING AND DAMAGE TO WORK, AS APPROVED BY THE ENGINEER.
- 4) DUE TO PAVEMENT THICKNESS, THE CONTRACTOR SHALL NOT USE THE NEW WEST OUTER ROAD FOR HAULING MATERIAL OR EQUIPMENT TO AND FROM THE PROJECT SITE. THE NEW OUTER ROAD AND OLD ROUTE 67 SHALL REMAIN CLEAR OF MUD AND DEBRIS ON A DAILY BASIS. THE CONTRACTOR SHALL OBTAIN THE ENGINEER'S WRITTEN APPROVAL SEVEN (7) DAYS PRIOR TO USING THE NEW OUTER ROAD FOR ANY CONSTRUCTION VEHICLES OR OTHER ACTIVITIES.
- 5) NO DIRECT PAY WILL BE MADE FOR COMPLIANCE WITH THE ABOVE ITEMS 1 THROUGH 4.

STAGE 2 OVERALL  
TRAFFIC CONTROL  
SHEET 18 OF 28

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TRAFFIC CONTROL NOTES

1. CLOSE EXISTING US 67 FOR TRAFFIC TRAVELING FROM THE SOUTH. SEE "EXISTING US 67 ROAD CLOSURE AT CROSSOVER" AND "NORTHBOUND EXISTING US 67 CLOSURE" SHEETS.
2. DIVERT NORTH SIDE EXISTING US 67 TRAFFIC TO NEW US 67 AND CROSSOVERS AFTER STRIPING.
3. SEE "TYPICAL APPLICATIONS - SHOULDER WORK WITH MINOR ENCROACHMENT" AND "STATIONARY WORK BEYOND SHOULDER" SHEETS FOR WORK ADJACENT TO NEW CROSSOVER.

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7/22/2026

ROUTE 67 STATE MO

DISTRICT SE SHEET NO. 74

COUNTY BUTLER

JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITAL

JEFFERSON CITY, MO 65102

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

MoDOT

13523 Barrett Parkway Dr

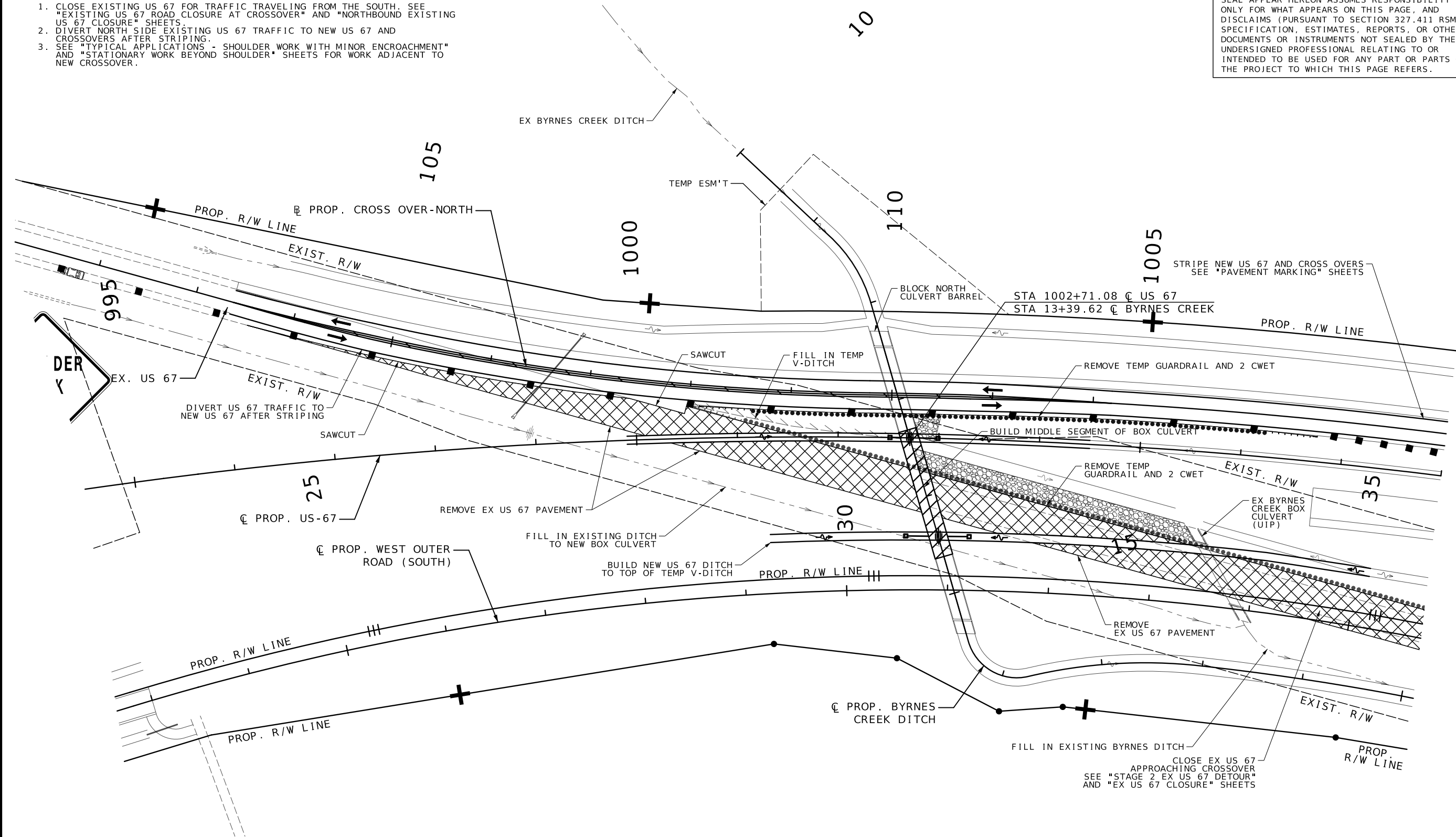
Suite 250

St. Louis, MO 63021

Phone 314-394-3100

Fax 314-394-3199

Missouri Certificate of Authority: 001578

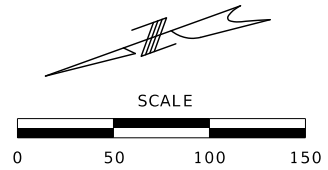


TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- TEMPORARY TYPE F BARRIER
- ▨ STAGE 2A CONSTRUCTION
- ⊗ OBLITERATION

STAGE 2A

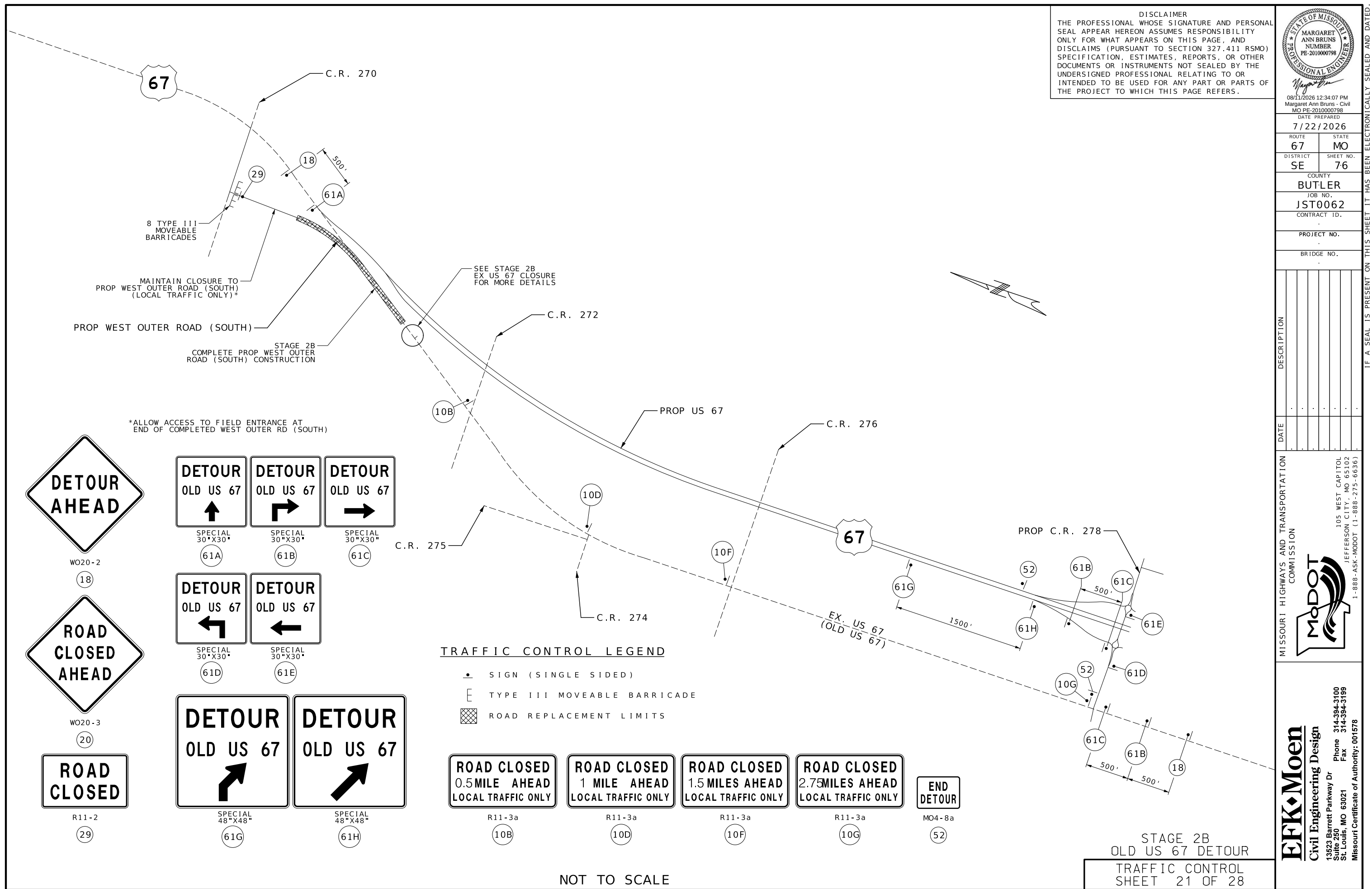
- STRIPE NEW CROSSOVERS AND NEW US 67 CONSTRUCTION.
- BUILD MIDDLE SEGMENT OF BYRNES CREEK BOX CULVERT.
- BUILD DITCHES, INLETS AND CONNECTING PIPES AS SHOWN.
- FILL IN NORTHEAST TEMPORARY V-DITCH.
- REMOVE TEMPORARY GUARDRAIL AND 2 CWET ALONG EXISTING US 67.
- REMOVE EXISTING US 67 PAVEMENT NORTH AND SOUTH OF BYRNES CREEK BOX CULVERT.



STAGE 2A - CROSSOVER  
TRAFFIC CONTROL  
SHEET 19 OF 28









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ROUTE 67 STATE MO

DISTRICT SE SHEET NO. 77

COUNTY BUTLER

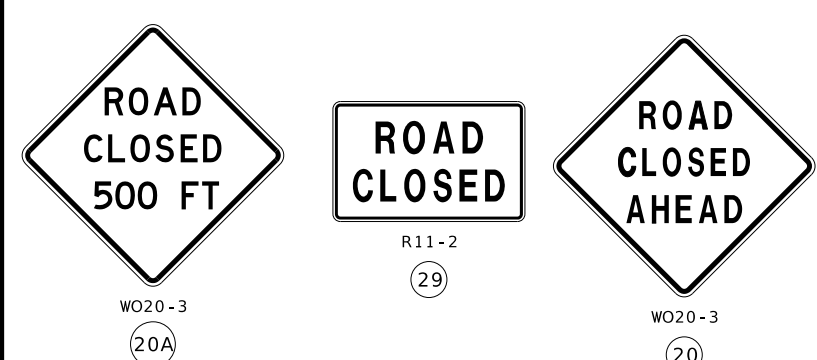
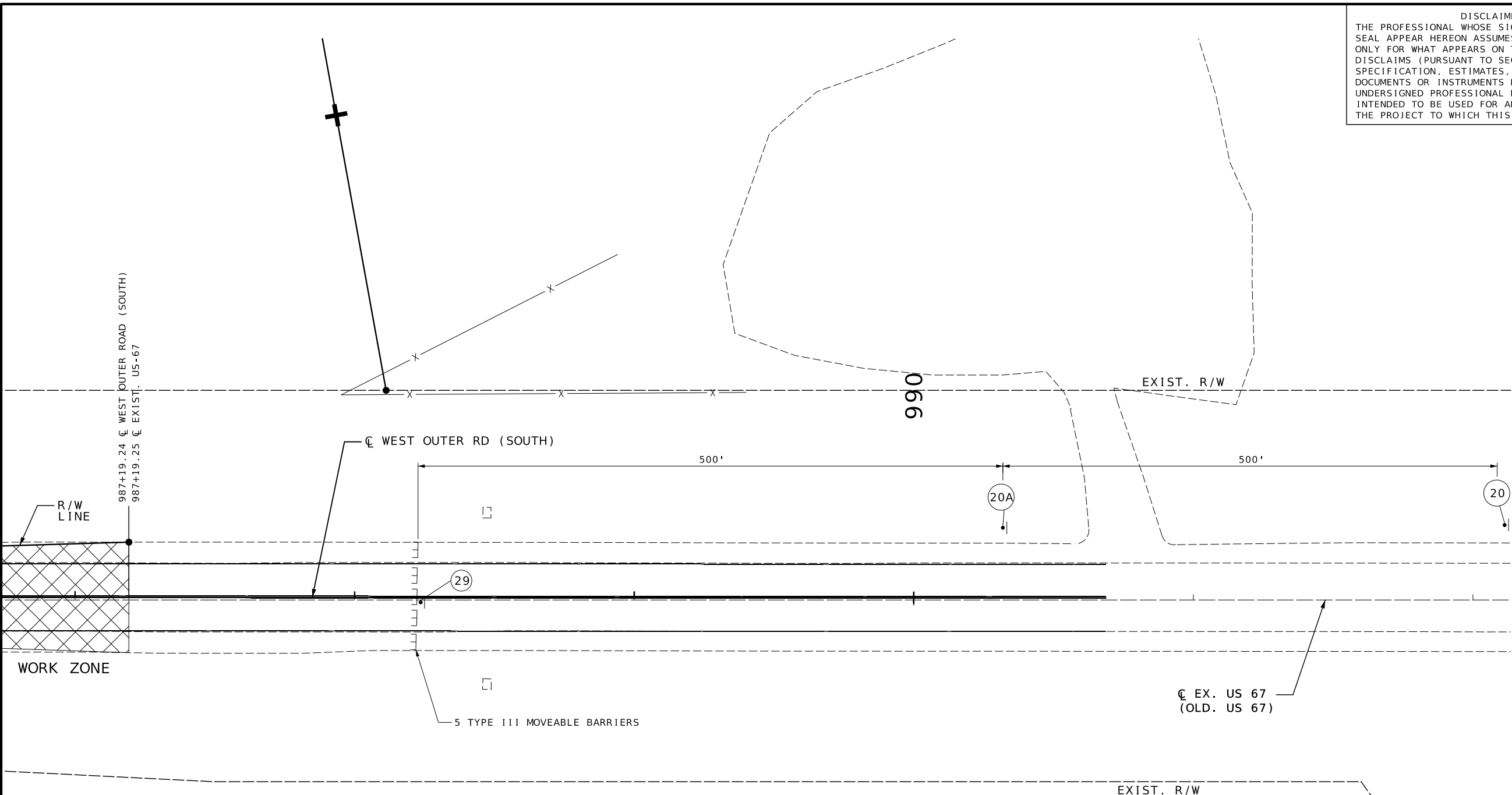
JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

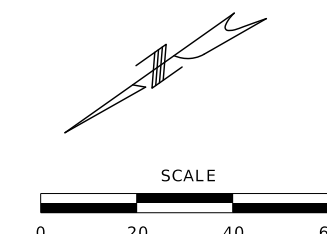
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NOTE:  
THIS STAGE TO OCCUR WHEN PROP US 67 CONSTRUCTION IS COMPLETE AND OPENED IN BOTH MISSOURI AND ARKANSAS.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- TYPE III MOVEABLE BARRICADE
- ROAD REPLACEMENT LIMITS

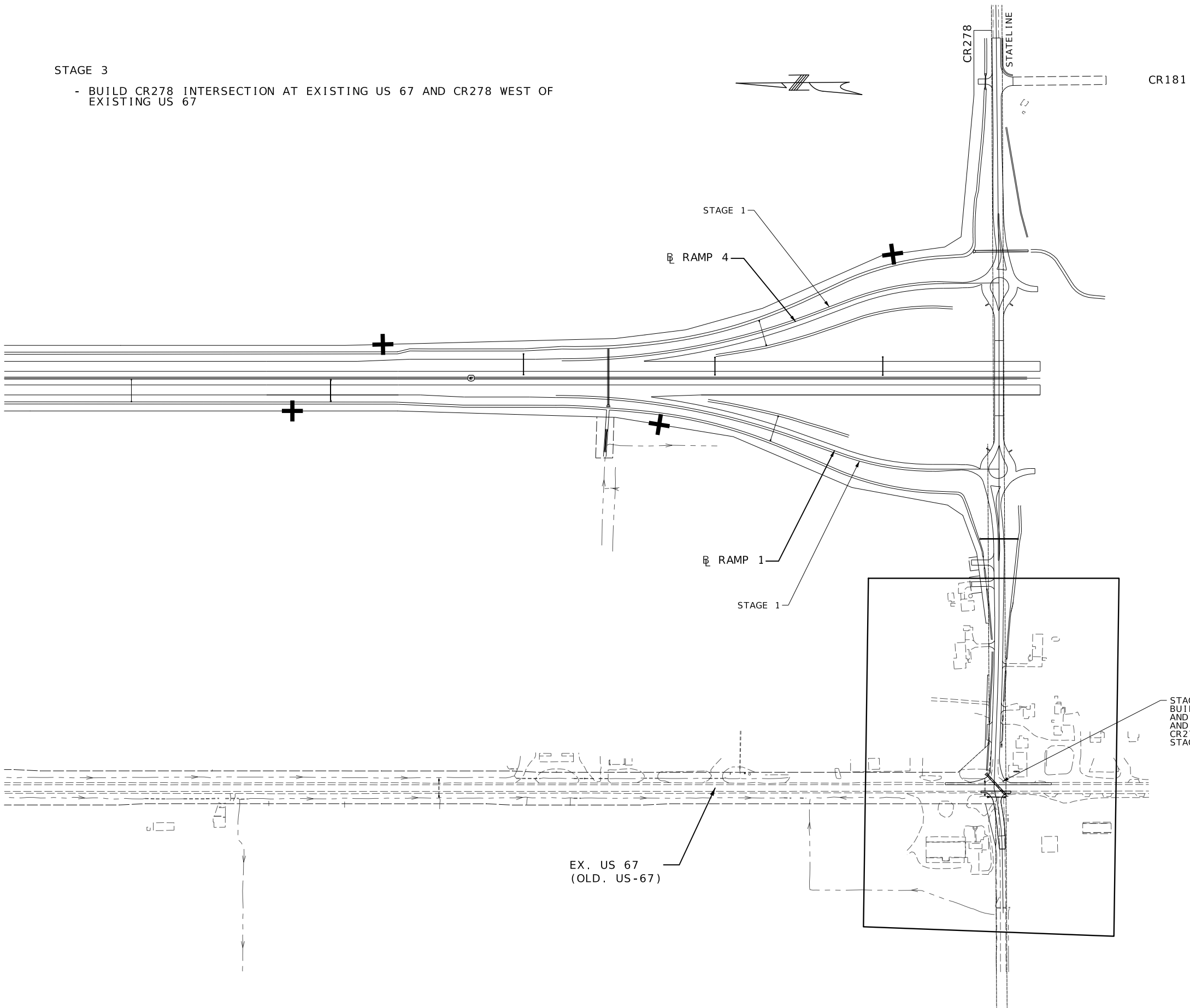


STAGE 2B  
OLD US 67 CLOSURE  
TRAFFIC CONTROL  
SHEET 22 OF 28

**EFK Moen**  
Civil Engineering Design  
13523 Barrett Parkway Dr  
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St. Louis, MO 63021  
Phone 314-394-3100  
Fax 314-394-3199  
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STAGE 3

- BUILD CR278 INTERSECTION AT EXISTING US 67 AND CR278 WEST OF EXISTING US 67



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7/22/2026

ROUTE 67 STATE MO

DISTRICT SE SHEET NO. 78

COUNTY BUTLER

JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL JEFFERSON CITY, MO 65102

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

MoDOT

EFK Moen

Civil Engineering Design

13523 Barrett Parkway Dr

Suite 250 St. Louis, MO 63021

Phone 314-394-3100

Fax 314-394-3199

Missouri Certificate of Authority: 001578

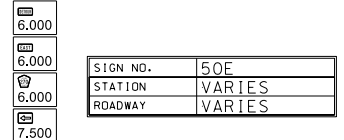
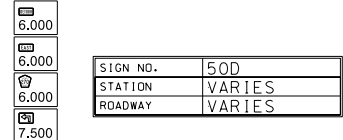
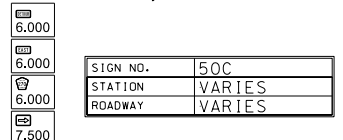
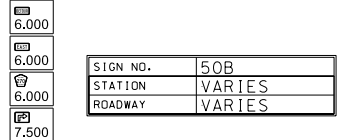
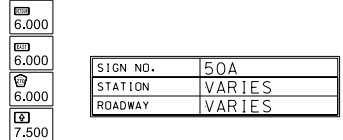
NOT TO SCALE

STAGE 3 OVERALL  
TRAFFIC CONTROL  
SHEET 23 OF 28

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|       |       |
|-------|-------|
| ROUTE | STATE |
| 67    | MO    |

|          |           |
|----------|-----------|
| DISTRICT | SHEET NO. |
| S.E      | 81        |

COUNTY  
BUTLER

BUTLER  
JOB NO.  
1670062

JST0062  
CONTRACT ID.

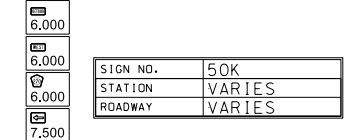
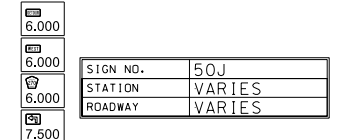
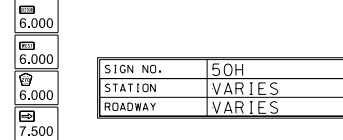
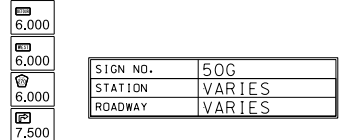
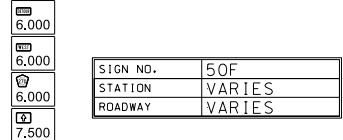
PROJECT NO.

BRIDGE NO.

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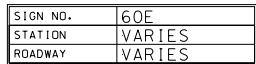
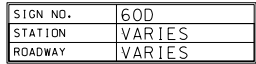
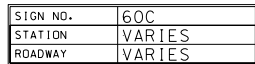
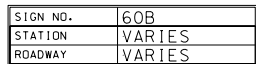
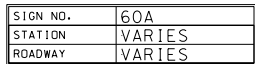
## STAGE 1

TRAFFIC CONTROL  
SHEET 26 OF 28

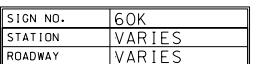
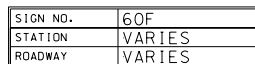
**JEK Moen**  
Civil Engineering Design  
13523 Bennett Road, Suite 200  
Houston, TX 77033  
713/835-1100  
www.jekmoen.com

13523 Barrett Parkway Dr  
Suite 250  
St. Louis, MO 63021  
Phone 314-394-3100  
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REV.



REV.

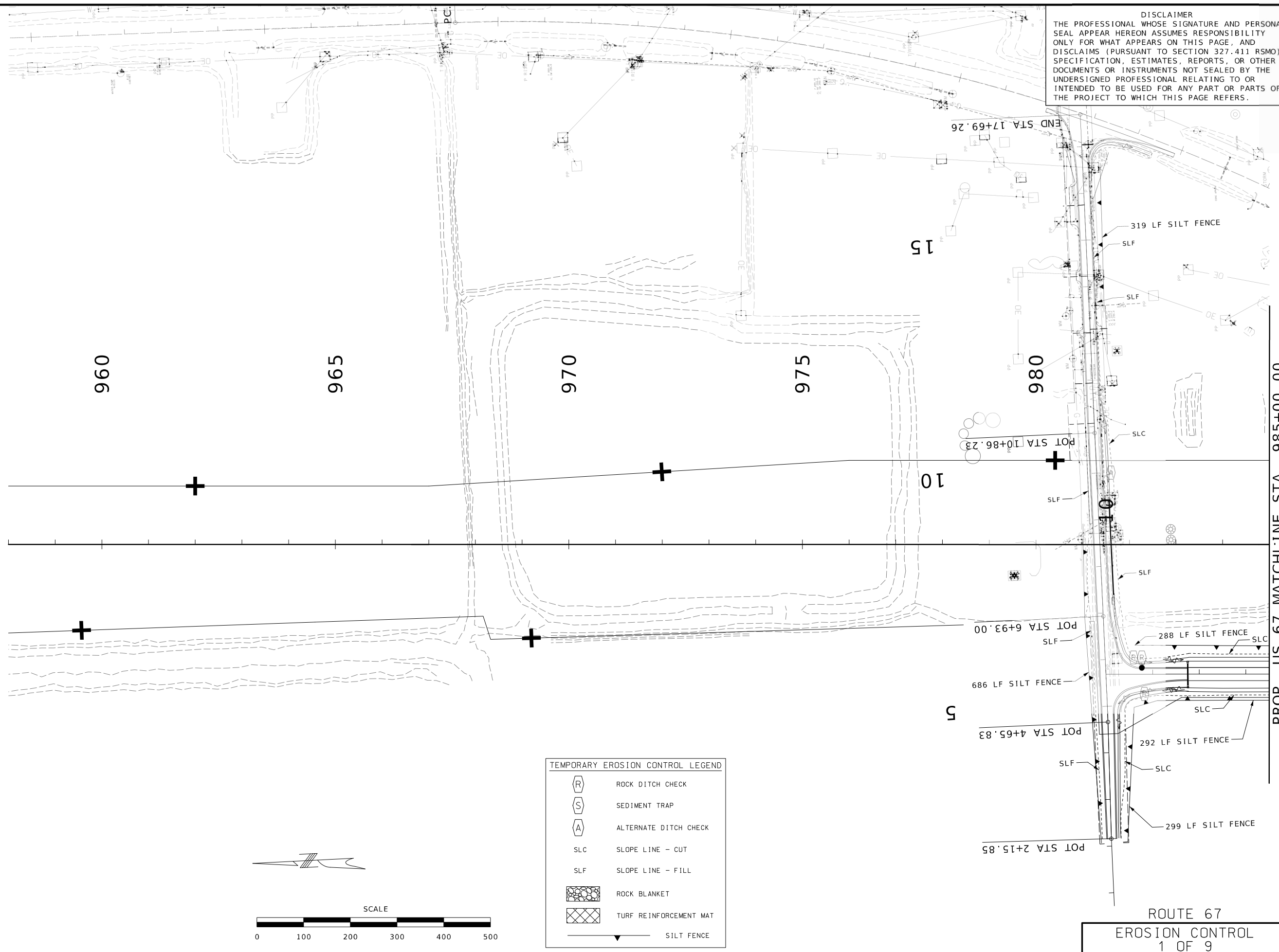


TRAFFIC CONTROL  
SHEET 27 OF 28

pw://cmtengr-pw.bentley.com:cmt-connect-projects/Documents/ModOT/US67 Freeway Conversion - Phase 3/040908/Roadway/Sheets/ST0062 Current Plans/081 TC 27 JST0062 i1 Stage 1 Signs Detail CR278.dgn 8:25:35 PM 7/22/2026







DATE PREPARED  
7/21/2020

|       |       |
|-------|-------|
| ROUTE | STATE |
| 67    | MO    |

|          |           |
|----------|-----------|
| DISTRICT | SHEET NO. |
| S.F      | 83        |

COUNTY  
BUTLER

JOB NO.  
1ST0062

CONTRACT ID.

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

BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

105 WEST CAPITOL  
JEFFERSON CITY, MO 65102



**BFW** INC.

**Cape Girardeau, MO Office**

437 William St. Cape Girardeau, MO 63701  
573-222-5632 / [BFWengineers.com](http://BFWengineers.com)

10

[illegible]





A circular professional engineer seal for the State of Missouri. The outer ring contains the text "STATE OF MISSOURI" at the top and "REGISTERED PROFESSIONAL ENGINEER" at the bottom. The center of the seal contains the name "ERIC KRAFE", the license number "E-30103", and a handwritten signature. The seal is stamped over the bottom portion of the letterhead.

|                |                 |
|----------------|-----------------|
| ROUTE<br>67    | STATE<br>MO     |
| DISTRICT<br>SE | SHEET NO.<br>85 |

JOB NO.  
JST0062

PROJECT NO.

BRIDGE NO. \_\_\_\_\_

[illegible]

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

**BFW**

**Cape Girardeau, MO Office**  
3437 William St. Cape Girardeau, MO 63701  
573-222-5632 / BFWengineers.com

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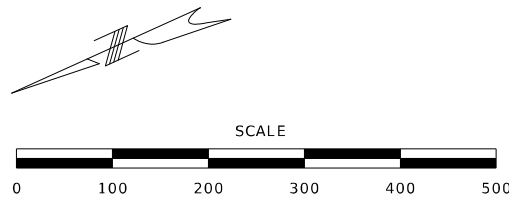
100

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EQUATION:  
STA 37+84.45 BK  
PT STA 974+74.11

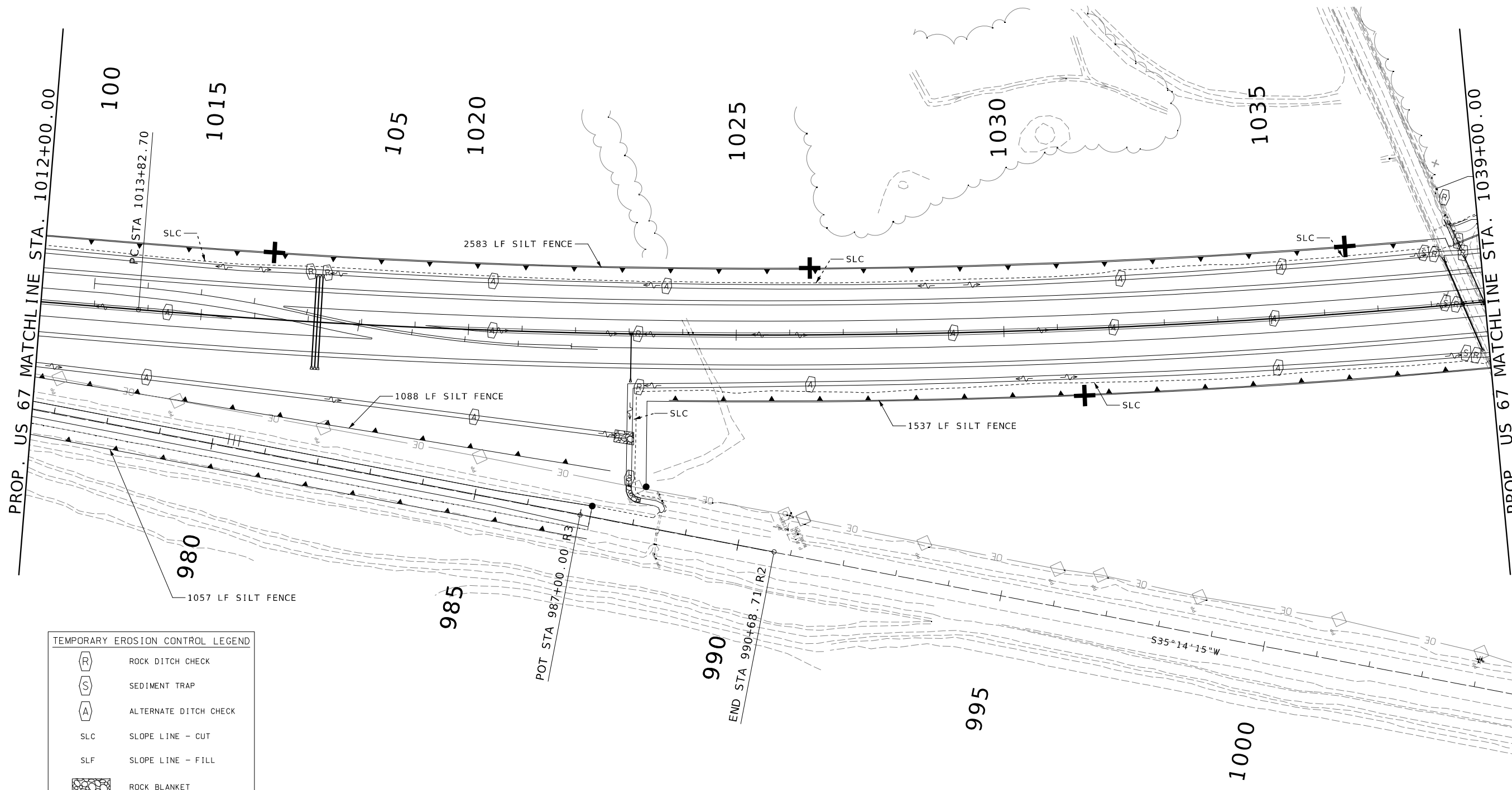
ROUTE 67  
EROSION CONTROL  
2 OF 9



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|----------------------------|-----------------|
| DATE PREPARED<br>7/21/2026 |                 |
| ROUTE<br>67                | STATE<br>MO     |
| DISTRICT<br>SE             | SHEET NO.<br>86 |
| COUNTY<br>BUTLER           |                 |
| JOB NO.<br>JST0062         |                 |
| CONTRACT ID.               |                 |
| PROJECT NO.                |                 |
| BRIDGE NO.                 |                 |



| TEMPORARY EROSION CONTROL LEGEND |                        |
|----------------------------------|------------------------|
| (R)                              | ROCK DITCH CHECK       |
| (S)                              | SEDIMENT TRAP          |
| (A)                              | ALTERNATE DITCH CHECK  |
| SLC                              | SLOPE LINE - CUT       |
| SLF                              | SLOPE LINE - FILL      |
| [Rock Blanket Symbol]            | ROCK BLANKET           |
| [Turf Reinforcement Mat Symbol]  | TURF REINFORCEMENT MAT |
| [Silt Fence Symbol]              | SILT FENCE             |

| 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)

**Cape Girardeau, MO Office**  
3437 William St. Cape Girardeau, MO 63701  
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ROUTE 67  
EROSION CONTROL  
3 OF 9

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7/21/2026

ROUTE  
67

STATE  
MO

DISTRICT  
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SHEET NO.  
87

COUNTY  
BUTLER

JOB NO.  
JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

**MoDOT**

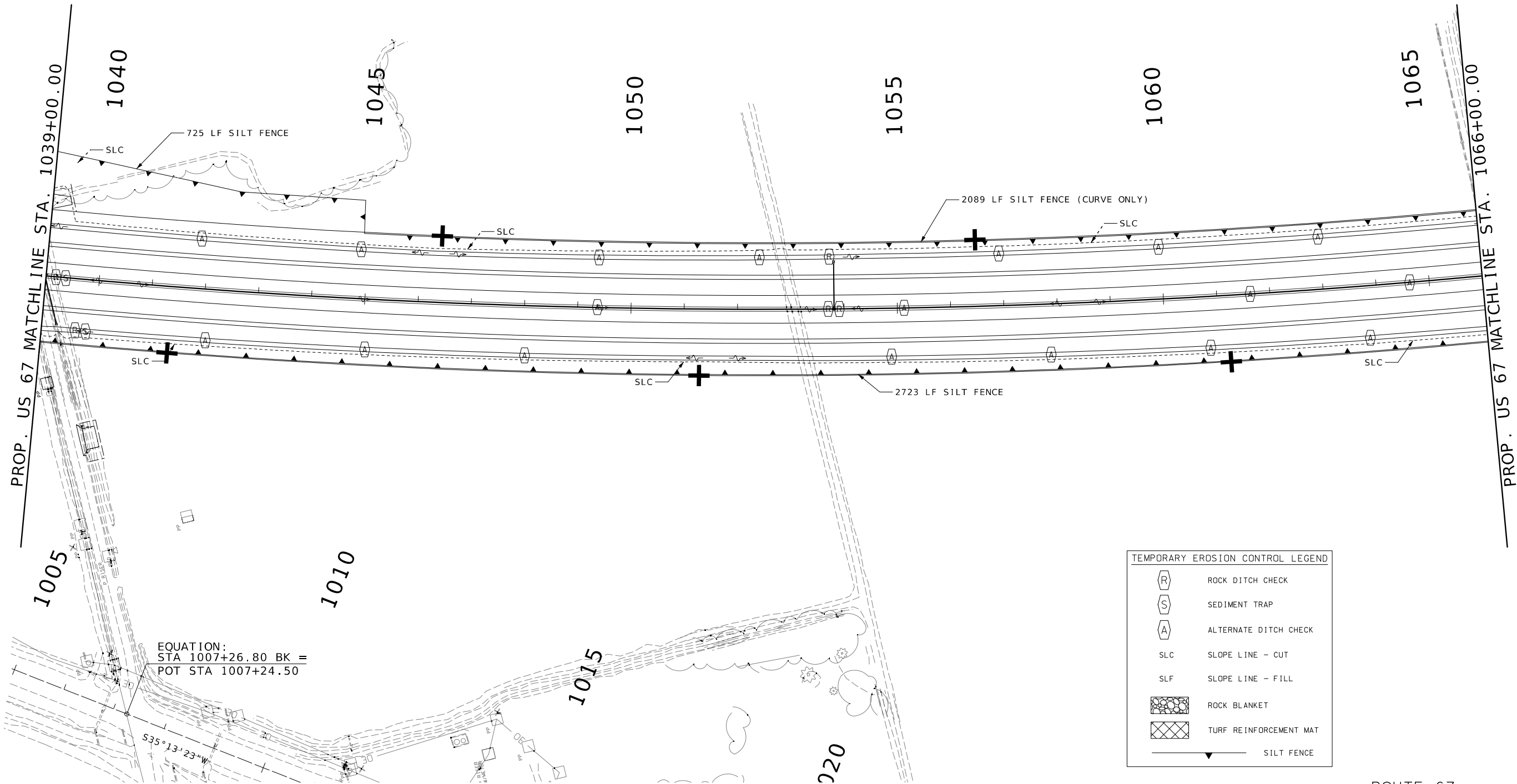
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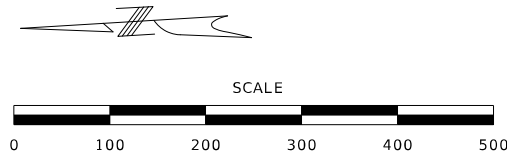
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TEMPORARY EROSION CONTROL LEGEND

|     |                        |
|-----|------------------------|
|     | ROCK DITCH CHECK       |
|     | SEDIMENT TRAP          |
|     | ALTERNATE DITCH CHECK  |
| SLC | SLOPE LINE - CUT       |
| SLF | SLOPE LINE - FILL      |
|     | ROCK BLANKET           |
|     | TURF REINFORCEMENT MAT |
|     | SILT FENCE             |

ROUTE 67  
EROSION CONTROL  
4 OF 9



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ROUTE  
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STATE  
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DISTRICT  
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SHEET NO.  
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COUNTY  
BUTLER

JOB NO.  
JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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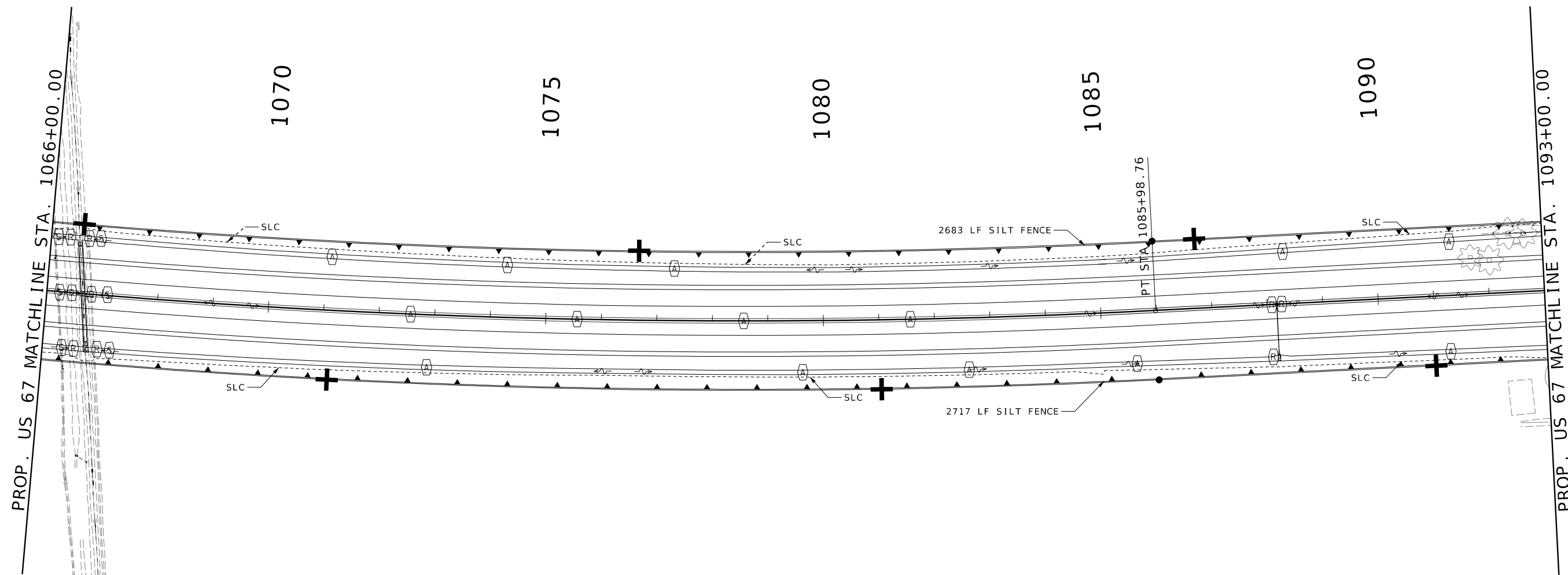
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TEMPORARY EROSION CONTROL LEGEND

|     |                        |
|-----|------------------------|
|     | ROCK DITCH CHECK       |
|     | SEDIMENT TRAP          |
|     | ALTERNATE DITCH CHECK  |
| SLC | SLOPE LINE - CUT       |
| SLF | SLOPE LINE - FILL      |
|     | ROCK BLANKET           |
|     | TURF REINFORCEMENT MAT |
|     | SILT FENCE             |

ROUTE 67  
EROSION CONTROL  
5 OF 9

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PROP. US 67 MATCHLINE STA. 1093+00.00

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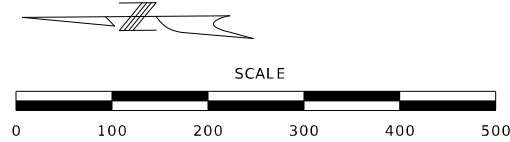
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PROP. US 67 MATCHLINE STA. 1120+00.00

| TEMPORARY EROSION CONTROL LEGEND |                        |
|----------------------------------|------------------------|
|                                  | ROCK DITCH CHECK       |
|                                  | SEDIMENT TRAP          |
|                                  | ALTERNATE DITCH CHECK  |
| SLC                              | SLOPE LINE - CUT       |
| SLF                              | SLOPE LINE - FILL      |
|                                  | ROCK BLANKET           |
|                                  | TURF REINFORCEMENT MAT |
|                                  | SILT FENCE             |



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ROUTE  
67

STATE  
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DISTRICT  
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SHEET NO.  
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COUNTY  
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JOB NO.  
JST0062

CONTRACT ID.

PROJECT NO.

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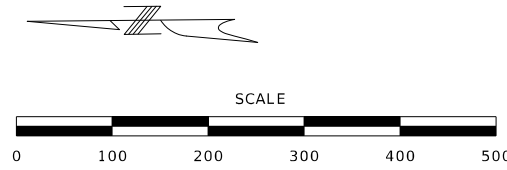
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COMMISSION

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JEFFERSON CITY, MO 65102  
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ROUTE 67  
EROSION CONTROL  
6 OF 9

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| ROUTE<br>67    | STATE<br>MO     |
| DISTRICT<br>SE | SHEET NO.<br>90 |

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JOB NO.  
JST0062

CONTRACT ID.  
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PROJECT NO.  
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BRIDGE NO.  
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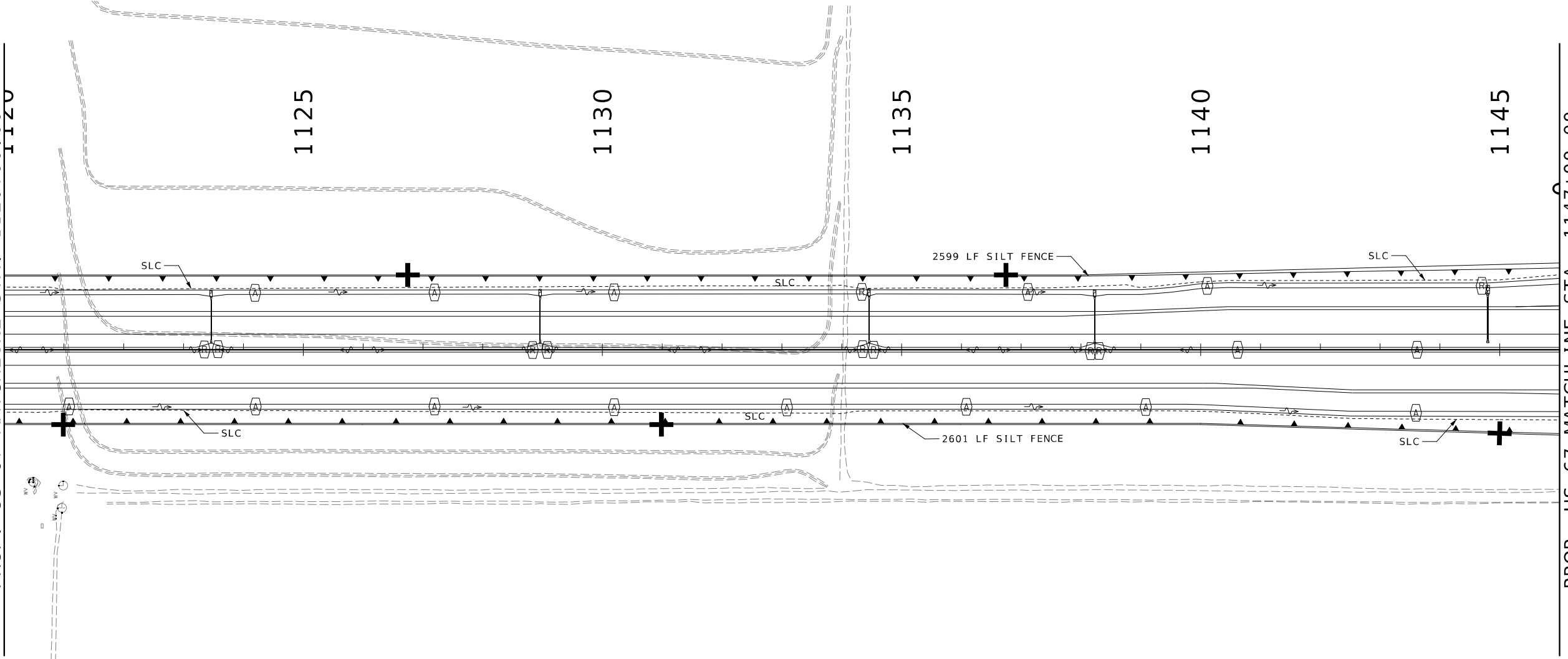
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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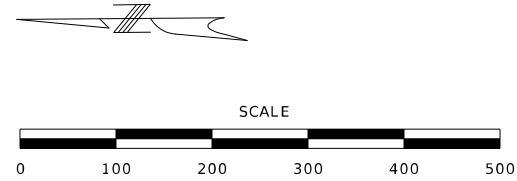


PROP. US 67 MATCHLINE STA. 1147+00.00

| TEMPORARY EROSION CONTROL LEGEND |                        |
|----------------------------------|------------------------|
|                                  | ROCK DITCH CHECK       |
|                                  | SEDIMENT TRAP          |
|                                  | ALTERNATE DITCH CHECK  |
| SLC                              | SLOPE LINE - CUT       |
| SLF                              | SLOPE LINE - FILL      |
|                                  | ROCK BLANKET           |
|                                  | TURF REINFORCEMENT MAT |
|                                  | SILT FENCE             |

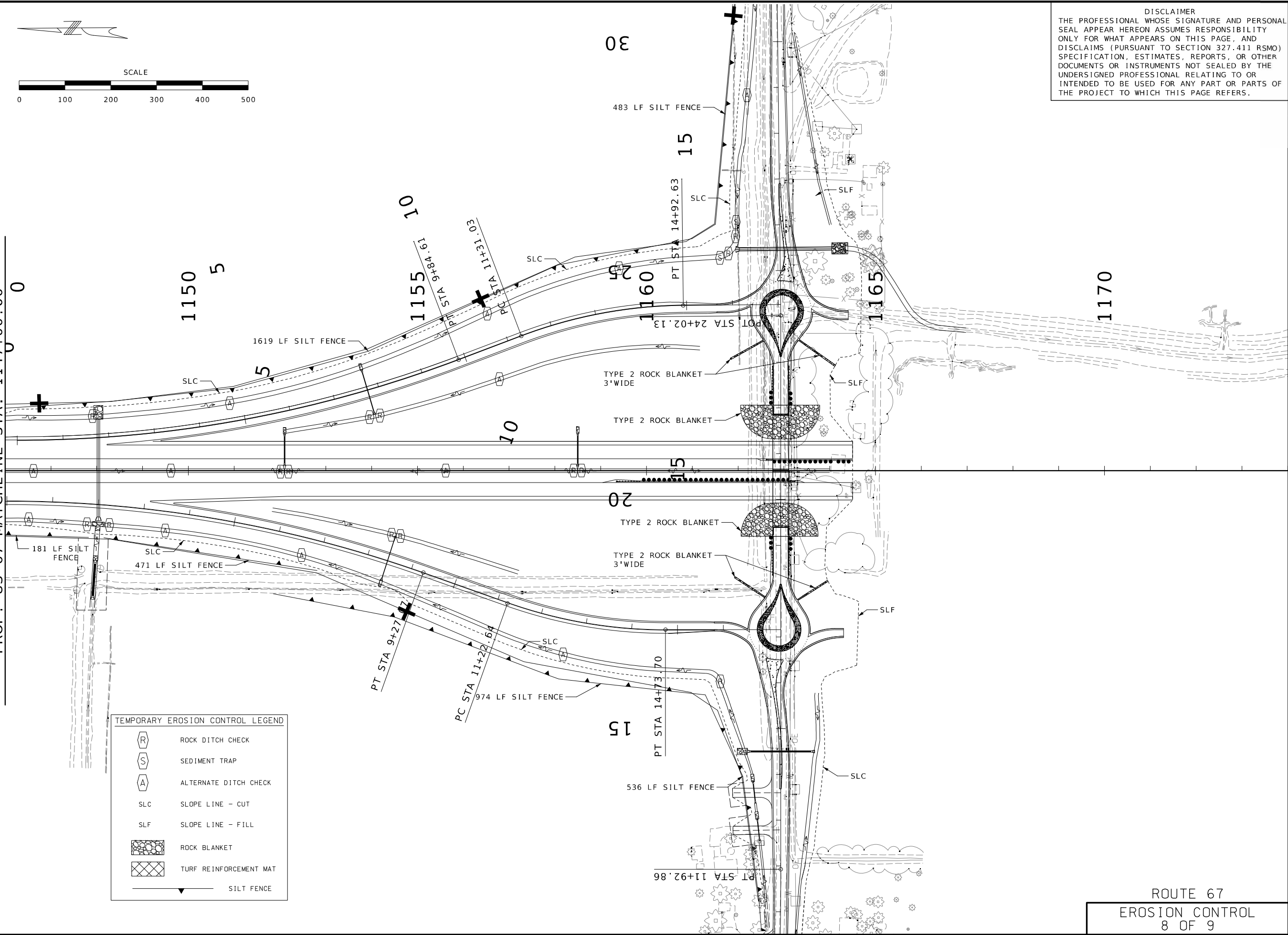
ROUTE 67  
EROSION CONTROL  
7 OF 9

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PROP. US 67 MATCHLINE STA. 1147+00.00

| TEMPORARY EROSION CONTROL LEGEND |                        |
|----------------------------------|------------------------|
|                                  | ROCK DITCH CHECK       |
|                                  | SEDIMENT TRAP          |
|                                  | ALTERNATE DITCH CHECK  |
| SLC                              | SLOPE LINE - CUT       |
| SLF                              | SLOPE LINE - FILL      |
|                                  | ROCK BLANKET           |
|                                  | TURF REINFORCEMENT MAT |
|                                  | SILT FENCE             |



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| DATE PREPARED<br>7/21/2026 |                 |
| ROUTE<br>67                | STATE<br>MO     |
| DISTRICT<br>SE             | SHEET NO.<br>91 |
| COUNTY<br>BUTLER           |                 |
| JOB NO.<br>JST0062         |                 |
| CONTRACT ID.               |                 |
| PROJECT NO.                |                 |
| BRIDGE NO.                 |                 |

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

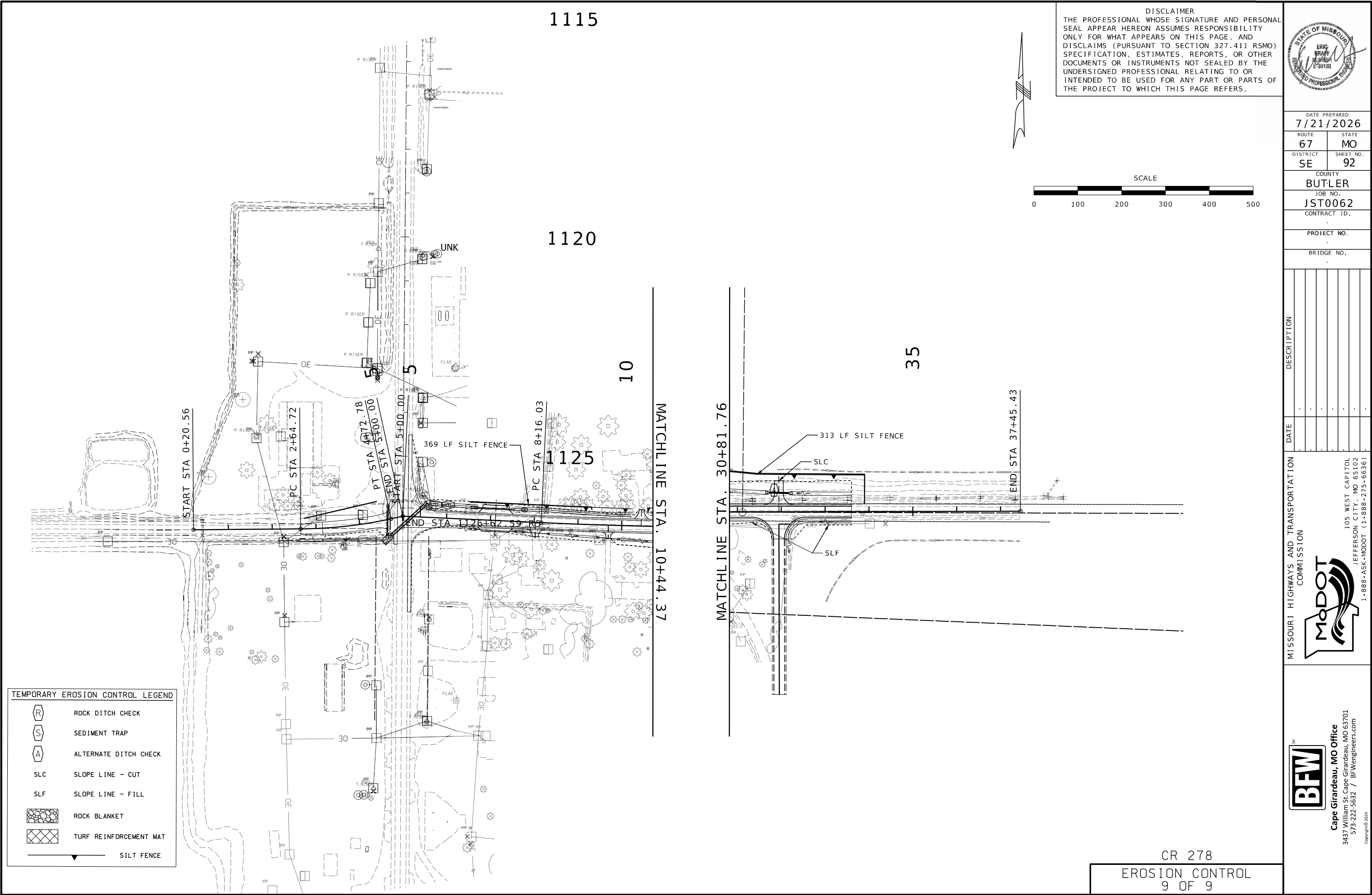
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JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

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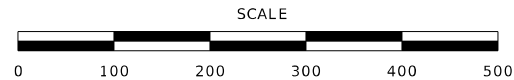
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EROSION CONTROL  
8 OF 9

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DATE PREPARED  
7/21/2026

ROUTE  
67

STATE  
MO

DISTRICT  
SE

SHEET NO.  
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COUNTY  
BUTLER

JOB NO.  
JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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| LIGHTING LEGEND                                                                   |                                                       |
|-----------------------------------------------------------------------------------|-------------------------------------------------------|
|  | LED-B LUMINAIRE<br>BRACKET ARM                        |
|  | 45-FT BOLT DOWN LIGHT STANDARD                        |
|  | PULL BOX, TYPE I DRAIN, PERFORMED                     |
|  | EXISTING PULL BOX, TYPE I DRAIN                       |
|  | SERVICE POLE OR PEDESTAL AND<br>POWER SUPPLY          |
|  | TRANSFORMER OR SUBSTATION POLE                        |
|  | BASE MOUNTED LIGHTING CONTROL<br>STATION WITH PAD     |
| * USE FOR ALL LIGHTING PLAN SHEETS                                                |                                                       |
|  | EXISTING BASE MOUNTED CONTROL<br>STATION              |
|  | EXISTING SERVICE POLE OR PEDESTAL<br>AND POWER SUPPLY |
|  | EXISTING CABLE CONDUIT                                |
|  | RIGID CONDUIT IN TRENCH                               |
|  | RIGID CONDUIT PUSHED                                  |
|  | RIGID CONDUIT ON BRIDGE                               |
|  | EXISTING RIGID CONDUIT                                |
|  | CABLE CONDUIT WITH<br>CIRCUIT NUMBER                  |
|  | DUSK TO DAWN LIGHT POLE                               |



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JOB NO.  
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PROJECT NO.

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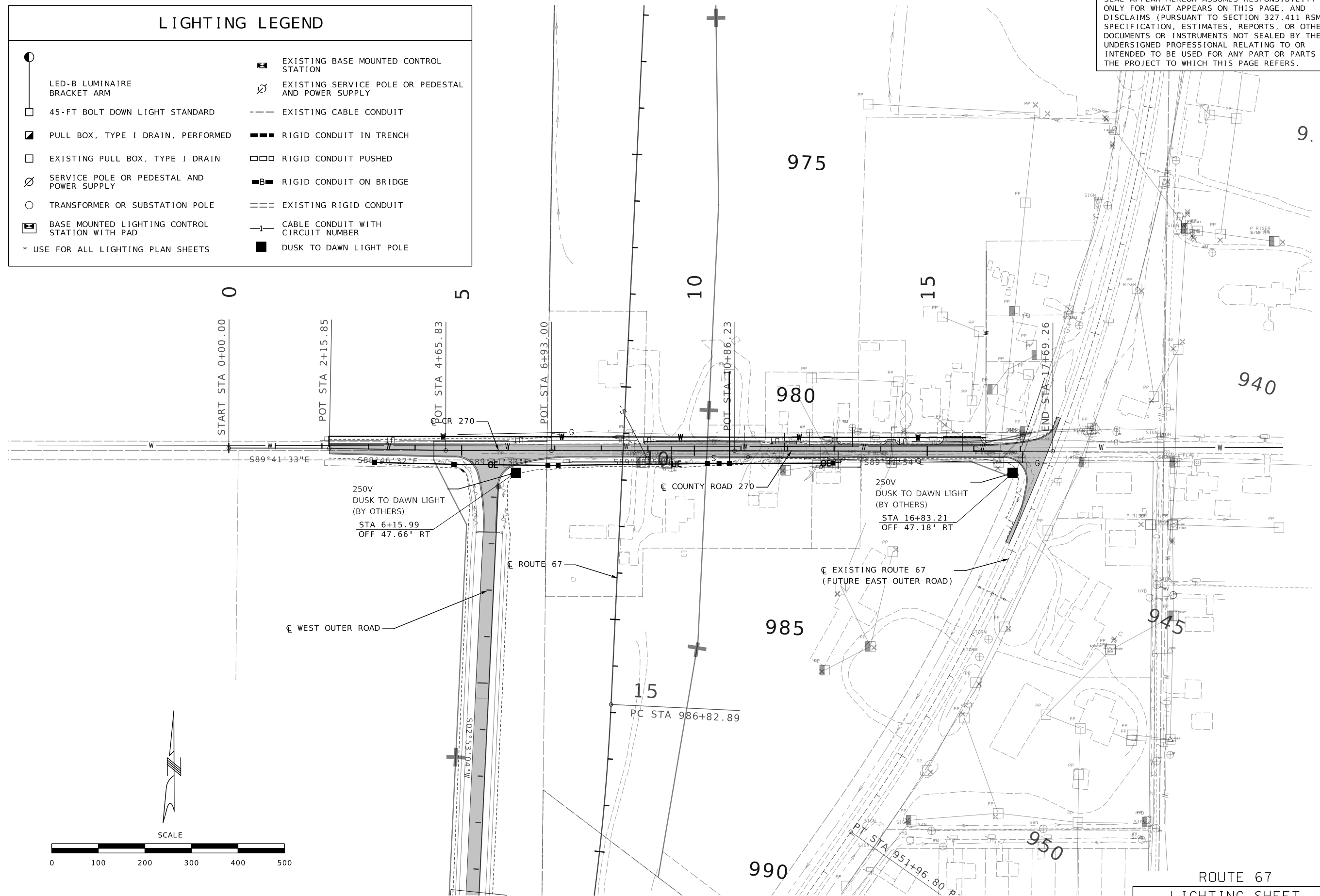
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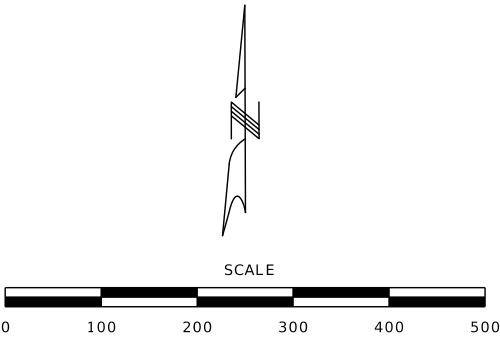
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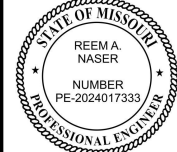


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MO PE - 2024017333

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ROUTE 67 STATE MO

DISTRICT SE SHEET NO. 94

COUNTY BUTLER

JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

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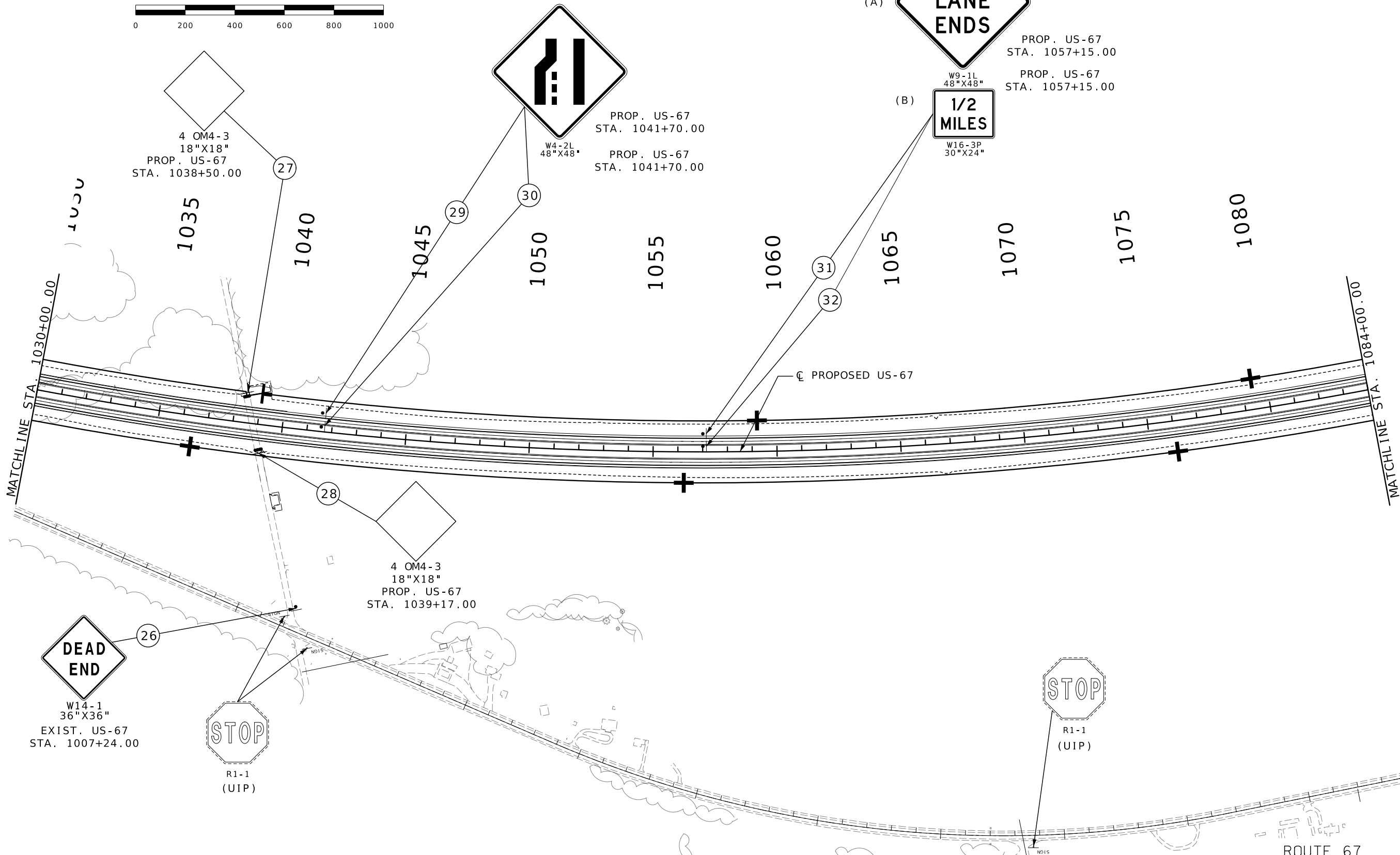
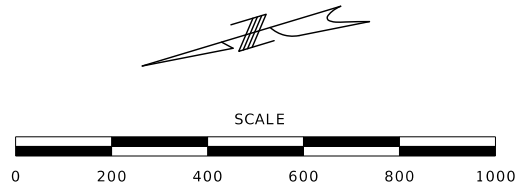
1631 WEST ELFINDALE STREET

SPRINGFIELD, MO 65807 (417) 869-6009

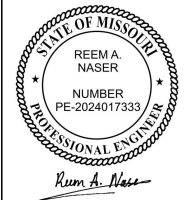
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7/22/2026

|          |           |
|----------|-----------|
| ROUTE    | STATE     |
| 67       | MO        |
| DISTRICT | SHEET NO. |
| SE       | 97        |

COUNTY  
BUTLER

JOB NO.  
JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

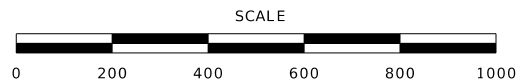
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JEFFERSON CITY, MO 65102  
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ROUTE 67  
SIGNING SHEET  
2 OF 13

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





PROP. US-67  
STA. 1094+19.00  
4 OM4-3  
18"X18"

Neelyville 3  
Poplar Bluff 21  
Sikeston 69

SPECIAL D2-3  
120"X60"  
PROP. US-67  
STA. 1113+01.00

SPEED  
LIMIT  
60

R2-1  
48"X60"  
PROP. US-67  
STA. 1122+99.00

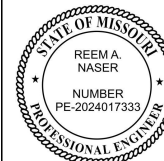
NORTH

67

PROP. US-67  
STA. 1133+00.00

(A) M3-1  
24"X12"  
(B) M1-4  
24"X24"

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MO PE - 2024017333

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ROUTE 67 STATE MO

DISTRICT SE SHEET NO. 98

COUNTY BUTLER

JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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JEFFERSON CITY, MO 65102  
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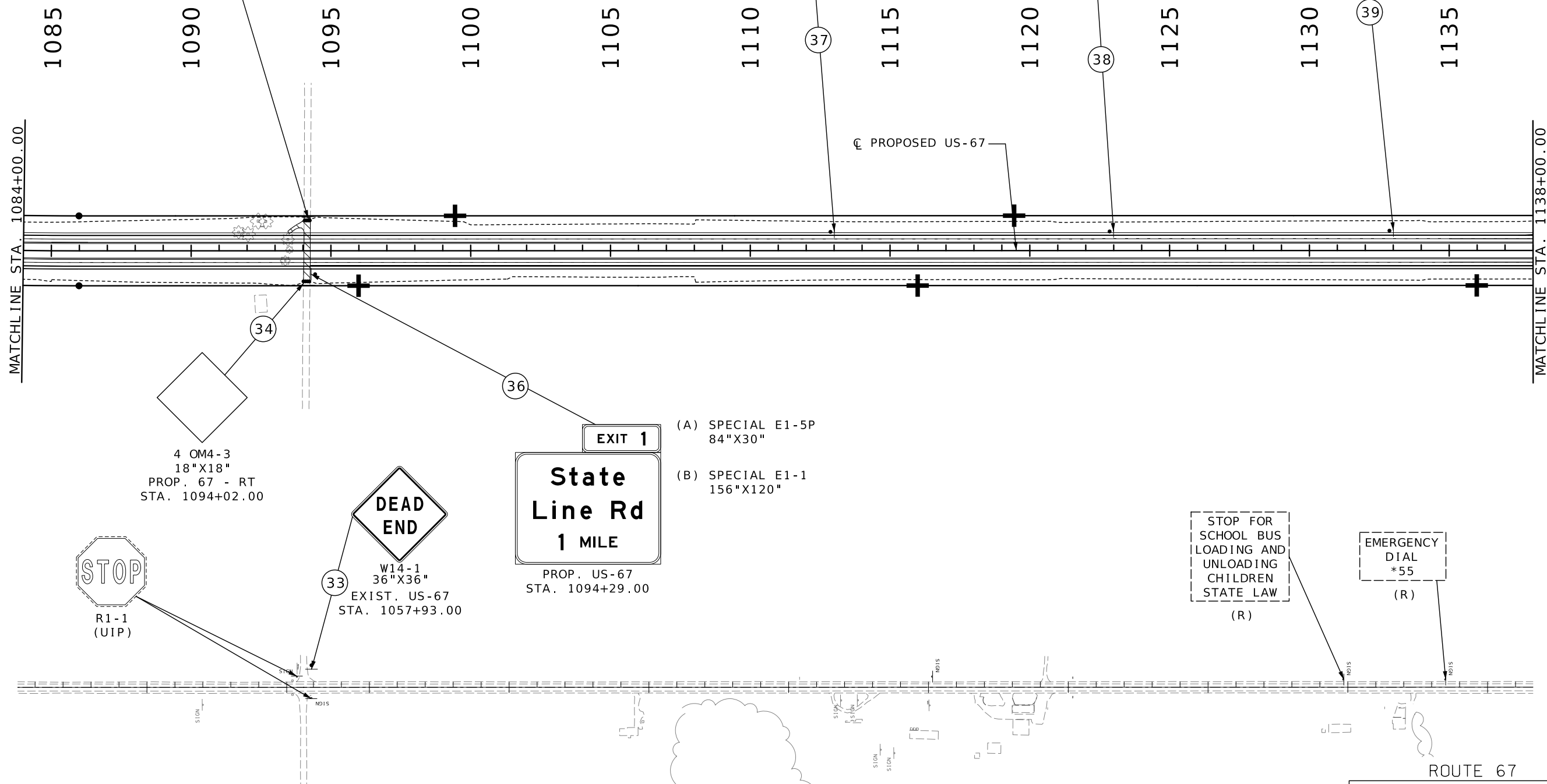
ROUTE 67

SIGNING SHEET

3 OF 13

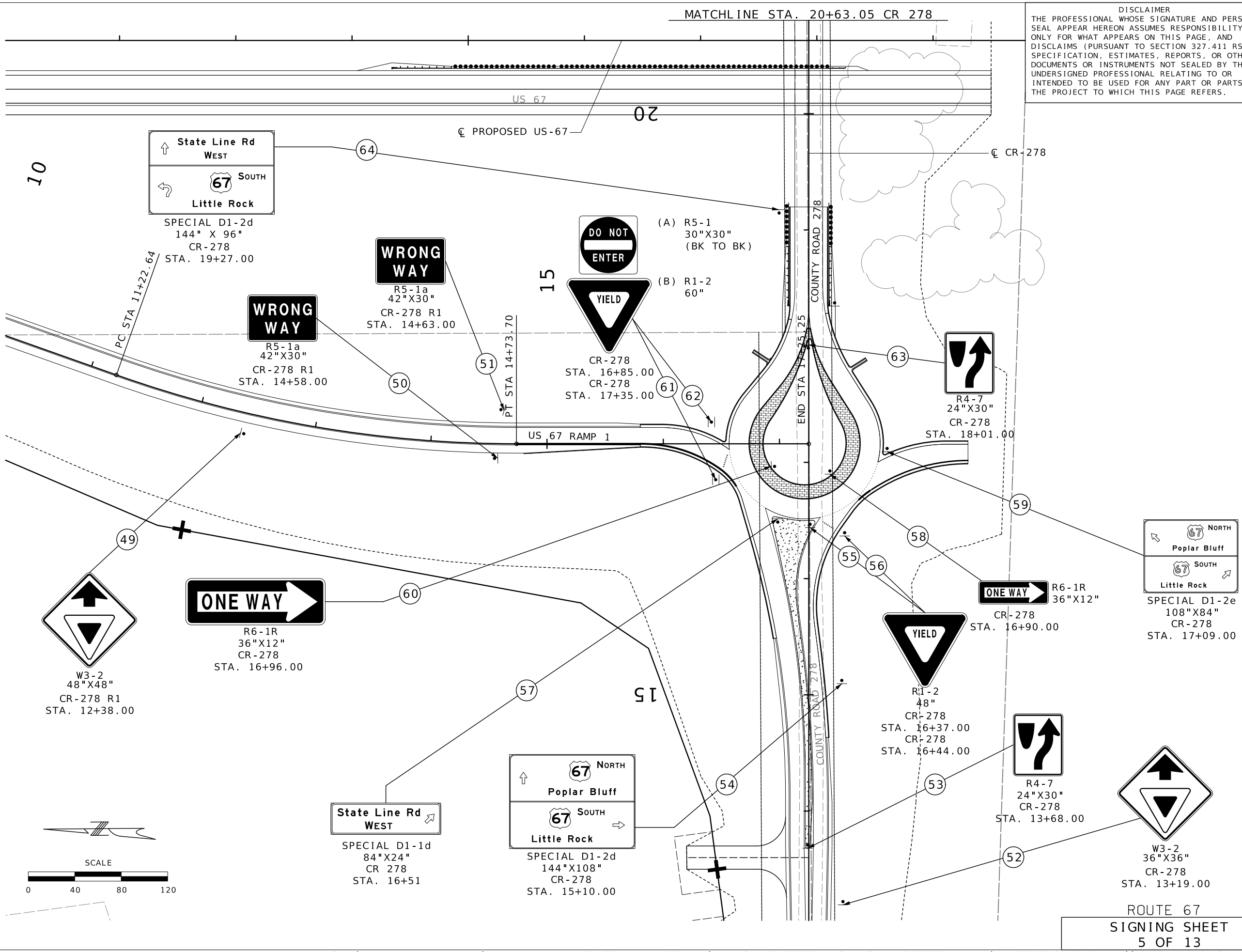
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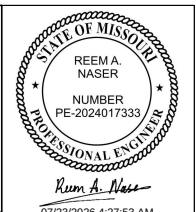








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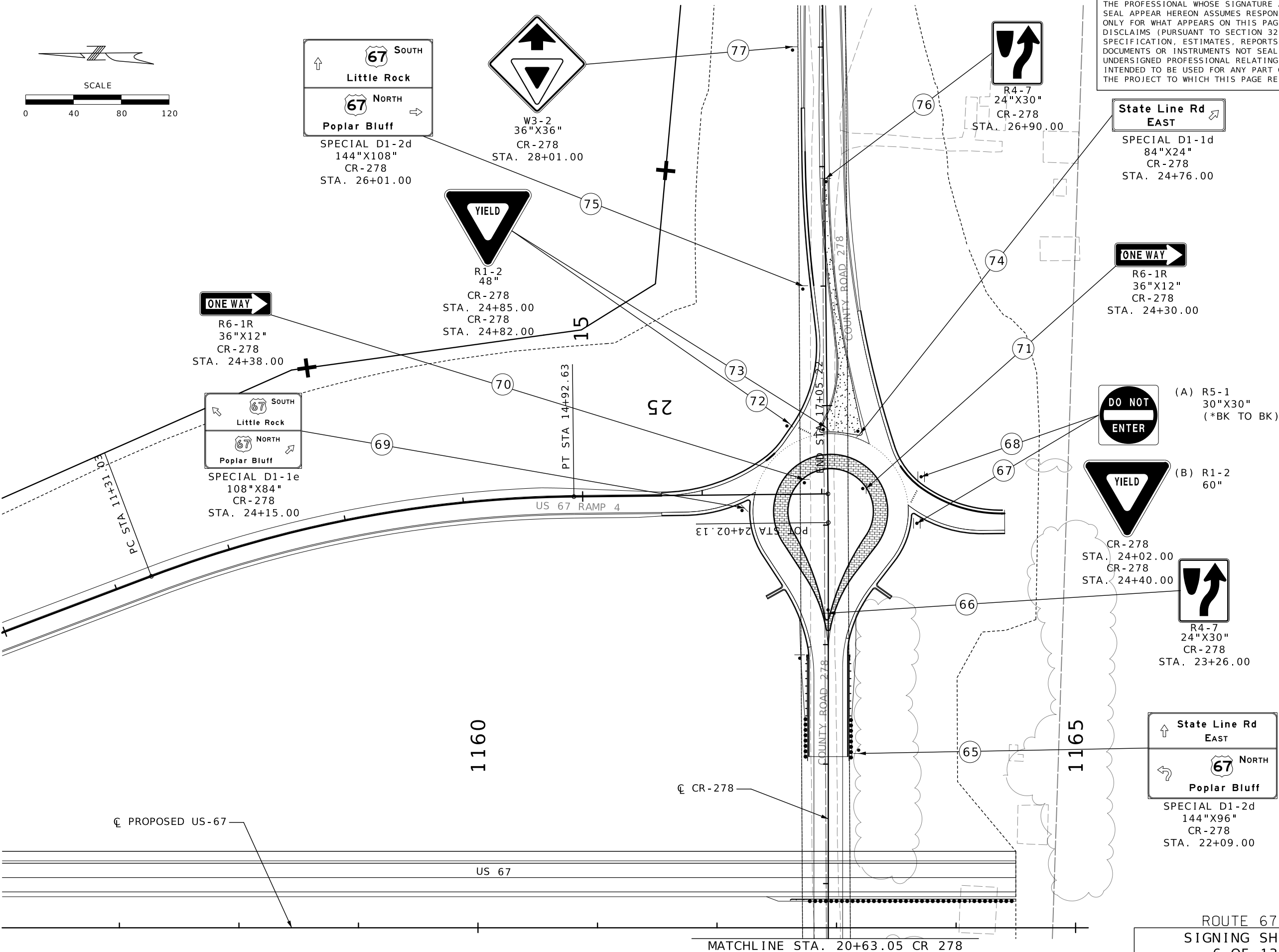
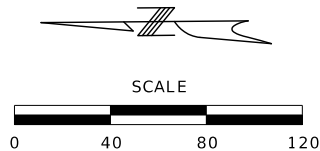


DATE PREPARED  
**7/22/2026**  
ROUTE **67** STATE **MO**  
DISTRICT **SE** SHEET NO. **100**  
COUNTY **BUTLER**  
JOB NO. **JST0062**  
CONTRACT ID.  
PROJECT NO.  
BRIDGE NO.

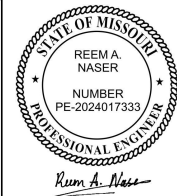
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
MoDOT  
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

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DATE PREPARED  
7/22/2026

ROUTE 67  
DISTRICT SE  
STATE MO  
SHEET NO. 101

COUNTY BUTLER  
JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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JEFFERSON CITY, MO 65102  
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ROUTE 67  
SIGNING SHEET  
6 OF 13

D-29 SHEET

SIGNS

902 SIGNAL SIGNS TABULATE ON D-37A SHEET

CONCRETE FOOTINGS EMBEDDED

CONCRETE FOOTINGS BOLT DOWN

STRUCTURAL STEEL POSTS \*

PIPE POSTS \*

BACKING BARS \*\*

2"x3/8" BARS @ 2.55 LB PER LIN FT

4 IN. SQUARE STEEL POST (4-IN.) POST \*\*\*\*

ITEM NO. 9031230

SQUARE STEEL SIGN POST (4-IN.) BASE

ITEM NO. 9031005

PERFORATED SQUARE STEEL TUBE POST

2 IN. POST

2.5 IN. POST

SIGN NO.

SIGN SIZE

STATION

LOCATION

HORZ CLEAR IF NOT STD

ROADWAY

SIGN DTL SHT. NO.

ITEM NO. 9031010

ITEM NO. 9031020

POST DES NO.

POST NO. 1

POST NO. 2

POST NO. 3

LBS PER FT

TOTAL ITEM NO. 9031210

PIPE SIZE

POST NO. 1

POST NO. 2

LBS PER FT

TOTAL ITEM NO. 9031220

BREAK-AWAY ASSEMBLY

NO. EACH

LGTH

TOTAL

TOTAL

ITEM NO. 9031230

ITEM NO. 9031005

POST NO. 1

POST NO. 2

TOTAL ITEM NO. 9031270A

DRIVEN 12-GA. ITEM NO. 9031271A

DRIVEN 7-GA. ITEM NO. 9031273A

CONCRETE 7-GA. ITEM NO. 9031274

CONCRETE FOOTING EMBEDDED \*\*\*

POST NO. 1

POST NO. 2

TOTAL ITEM NO. 9031280

2.25" INSERT (6 FT) ITEM NO. 9031272A

DRIVEN 7-GA. ITEM NO. 9031281A

CONCRETE 7-GA. ITEM NO. 9031285

CONCRETE FOOTING EMBEDDED \*\*\*

BREAK-AWAY ASSEMBLY ITEM NO. 9031241

REMARKS AND OTHER REQUIRED ITEMS.

STATE OF MISSOURI

REEM A NASER

NUMBER PE-2024017333

PROFESSIONAL ENGINEER

Reem A. Naser

07/23/2026 4:27:53 AM

Reem A. Naser - Civil

MO PE - 2024017333

DATE PREPARED

7/22/2026

ROUTE 67

STATE MO

DISTRICT SE

SHEET NO. 102

COUNTY BUTLER

JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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SPRINGFIELD, MO 65807 (417) 869-6009

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\* BREAKAWAY ASSEMBLY IS INCIDENTAL FOR STRUCTURAL STEEL AND PIPE POSTS.

\*\* BACKING BARS ARE TOILED WITH STRUCTURAL STEEL OR PIPE POSTS.

\*\*\* CONCRETE FOOTING IS INCIDENTAL FOR PERFORATED SQUARE STEEL TUBE POSTS.

\*\*\*\* BACKING BARS ARE INCIDENTAL FOR 4 IN. SQUARE STEEL POST

\*\*\*\*\* 3" ALUMINUM I-BEAM (ASTM B308) INCIDENTAL FOR SPECIAL SIGN ASSEMBLIES

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ROUND PIPE POST AND FOOTING DATA TABLE

| NOM. SIZE | WEIGHT | STUB LENGTH | FOOTING    | CONCRETE |
|-----------|--------|-------------|------------|----------|
| (IN.)     | LBS/FT | LBS/IN      | DIA. DEPTH | C.Y.     |
| 2.5       | 5.79   | 0.48        | 4'-3.5"    | 12"      |
| 4         | 10.79  | 0.9         | 5'-3.5"    | 18"      |

STRUCTURAL STEEL POST AND FOOTING DATA TABLE

| POST DES. NO. | NOM. SIZE | WEIGHT | STUB LENGTH | DIA.  | LEVEL GROUND | 6:1 GRADE | 4:1 GRADE | 3:1 or 2:1 GRADE |
|---------------|-----------|--------|-------------|-------|--------------|-----------|-----------|------------------|
|               |           | LBS/FT | LBS/IN      |       | DEPTH        | C.Y.      | DEPTH     | C.Y.             |
| 1             | W6        | 9.0    | 0.75        | 3'-0" | 15"          | 3'-0"     | 0.14      | 3'-2"            |
| 2             | W6        | 15.0   | 1.25        | 4'-0" | 24"          | 4'-0"     | 0.47      | 4'-2"            |
| 3             | W8        | 18.0   | 1.5         | 4'-6" | 28"          | 4'-6"     | 0.71      | 4'-8"            |
| 4             | W10       | 22.0   | 1.83        | 5'-0" | 36"          | 5'-0"     | 1.31      | 5'-2"            |
| 5             | W10       | 26.0   | 2.17        | 5'-0" | 36"          | 5'-0"     | 1.31      | 5'-3"            |
| 6             | W12       | 35.0   | 2.92        | 5'-6" | 36"          | 5'-6"     | 1.44      | 5'-9"            |

D-29

ROUTE 67

SIGNING SHEET

7 OF 13

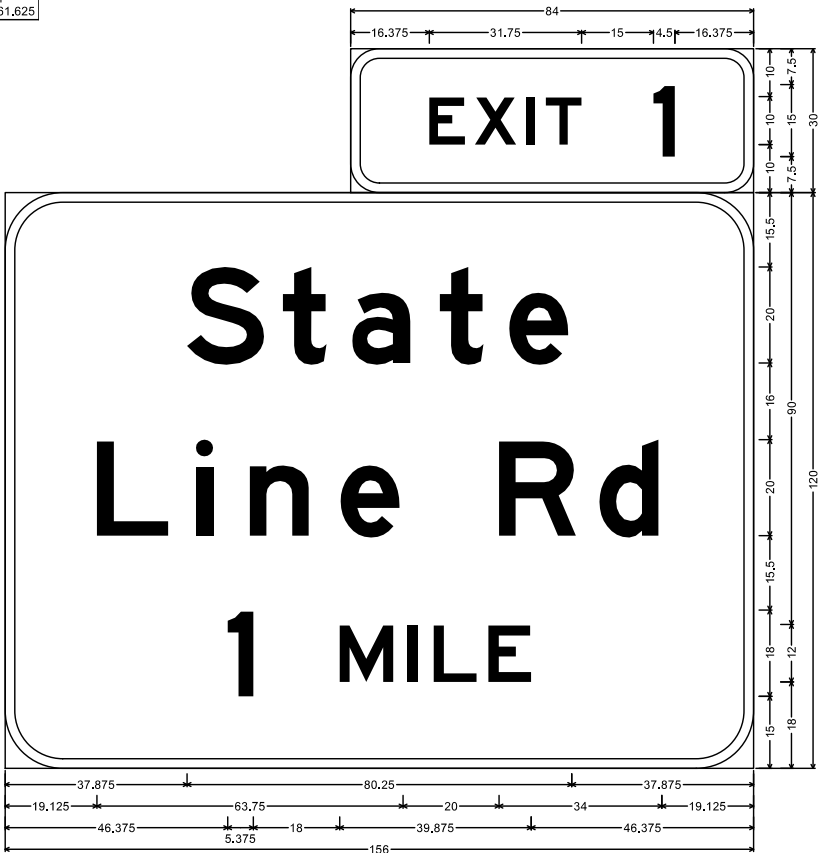
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R4-7b-84 ST-STRUCTURAL:  
9,000" Radius, 2,000" Border, Black on White;  
"KEEP", D: Standard Arrow Custom 35.750" X 21.625" 30";  
"RIGHT", D:  
Table of letter and object lefts  
K E P  
16,875 30,875 30,875 56,625  
25,500  
R I G H T  
12,625 27,125 33,375 47,875 61,625

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| SIGN NO. | 23            |
| STATION  | 1017+49       |
| ROADWAY  | PROP. US - 67 |

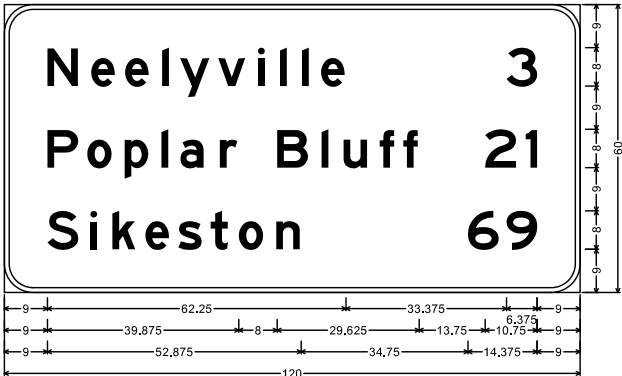


E1-5P ST-STRUCTURAL:  
6,000" Radius, 2,000" Border, White on Green;  
"EXIT", E Mod; "1", E Mod;

E1-1 ST-STRUCTURAL:  
12,000" Radius, 2,000" Border, White on Green;  
"State", E Mod specified length; "Line Rd", E Mod specified length; "1", E Mod; "MILE", E Mod;  
Table of letter and object lefts

|        |        |        |        |         |
|--------|--------|--------|--------|---------|
| E      | X      | I      | T      | 1       |
| 16,375 | 25,875 | 36,625 | 40,750 | 63,125  |
| S      | t      | a      | t      | e       |
| 37,875 | 57,875 | 72,375 | 90,625 | 105,125 |
| L      | i      | n      | e      | R       |
| 19,125 | 39,750 | 51,000 | 69,875 | 102,875 |
| 1      | M      | I      | L      | E       |
| 46,375 | 69,750 | 83,875 | 89,375 | 100,750 |

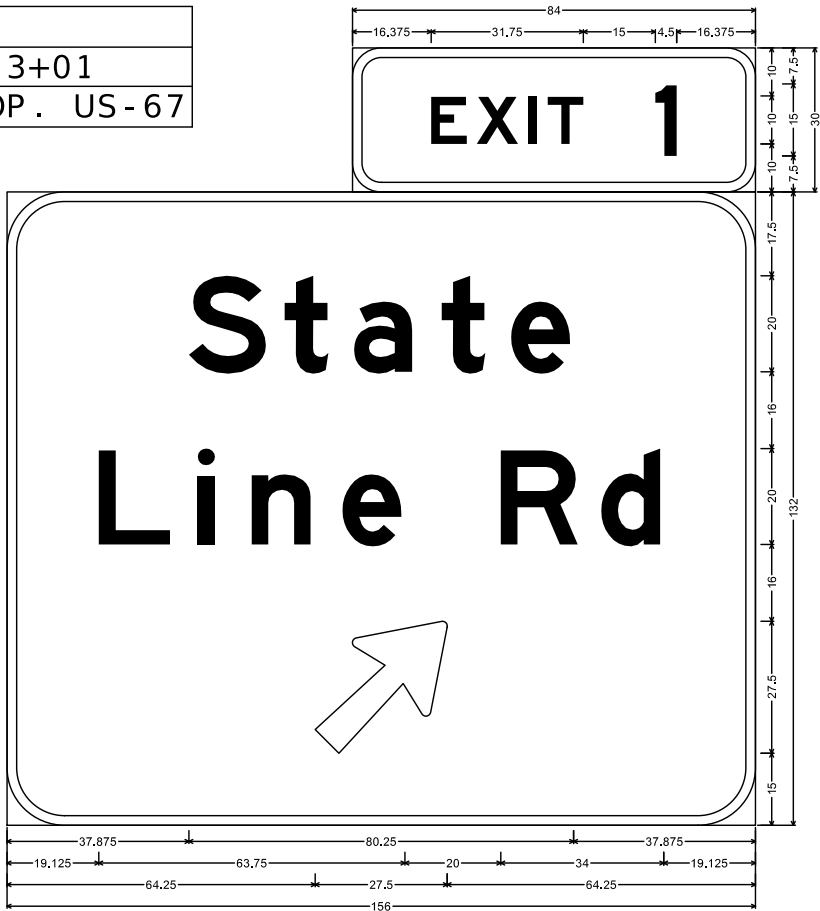
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| SIGN NO. | 36            |
| STATION  | 1094+29       |
| ROADWAY  | PROP. US - 67 |



D2-3 ST-STRUCTURAL:  
6,000" Radius, 1,000" Border, White on Green;  
"Neelyville", E Mod; "3", E Mod; "Poplar Bluff", E Mod; "21", E Mod; "Sikeston", E Mod;  
"69", E Mod;  
Table of letter and object lefts

|       |         |         |        |        |        |        |        |        |         |
|-------|---------|---------|--------|--------|--------|--------|--------|--------|---------|
| N     | e       | e       | l      | y      | v      | i      | l      | e      | 3       |
| 9,000 | 18,125  | 25,125  | 32,875 | 36,625 | 44,625 | 52,875 | 57,500 | 62,000 | 104,625 |
| P     | o       | p       | l      | a      | r      | B      | l      | u      | f       |
| 9,000 | 17,250  | 25,125  | 32,750 | 36,750 | 44,875 | 56,875 | 66,125 | 70,750 | 83,125  |
| 2     | 100,250 | 108,625 |        |        |        |        |        |        |         |
| S     | i       | k       | e      | s      | t      | o      | n      | 6      | 9       |
| 9,000 | 17,875  | 22,500  | 29,375 | 36,250 | 43,000 | 48,875 | 56,625 | 96,625 | 104,625 |

|          |               |
|----------|---------------|
| SIGN NO. | 37            |
| STATION  | 1113+01       |
| ROADWAY  | PROP. US - 67 |



E1-5P ST-STRUCTURAL:  
6,000" Radius, 2,000" Border, White on Green;  
"EXIT", E Mod; "1", E Mod;

E1-1 ST-STRUCTURAL:  
12,000" Radius, 2,000" Border, White on Green;  
"State", E Mod specified length; "Line Rd", E Mod specified length; Arrow 160 - 35,000" 45";  
Table of letter and object lefts

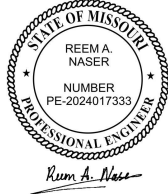
|        |        |        |        |         |
|--------|--------|--------|--------|---------|
| E      | X      | I      | T      | 1       |
| 16,375 | 25,875 | 36,625 | 40,750 | 63,125  |
| S      | t      | a      | t      | e       |
| 37,875 | 57,875 | 72,375 | 90,625 | 105,125 |
| L      | i      | n      | e      | R       |
| 19,125 | 39,750 | 51,000 | 69,875 | 102,875 |
| 1      | M      | I      | L      | E       |
| 46,375 | 69,750 | 83,875 | 89,375 | 100,750 |

|          |               |
|----------|---------------|
| SIGN NO. | 40            |
| STATION  | 1140+07       |
| ROADWAY  | PROP. US - 67 |

ROUTE 67  
SIGNING SHEET  
9 OF 13

D-31

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7/22/2026

|          |           |
|----------|-----------|
| ROUTE    | STATE     |
| 67       | MO        |
| DISTRICT | SHEET NO. |
| SE       | 104       |

COUNTY  
BUTLER

JOB NO.  
JST0062

CONTRACT ID.  
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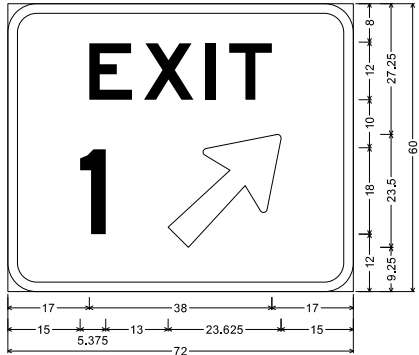
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BRIDGE NO.  
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| DESCRIPTION | DATE |
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

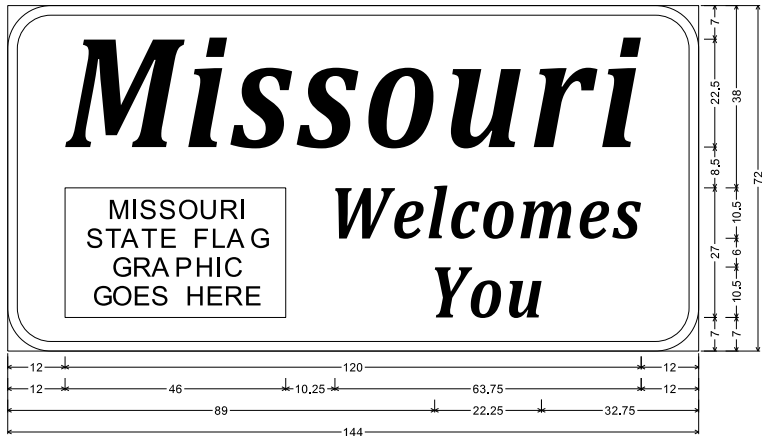




E5-1a ST-STRUCTURAL:  
6,000" Radius, 2,000" Border, White on Green;  
"EXIT", E Mod; "1", E Mod; Arrow 133 - 30,000" 45°;  
Table of letter and object lefts

| E      | X      | I      | T      |
|--------|--------|--------|--------|
| 17.000 | 28.375 | 41.250 | 46.125 |
| 1      | ↗      |        |        |
| 15.000 | 33.375 |        |        |

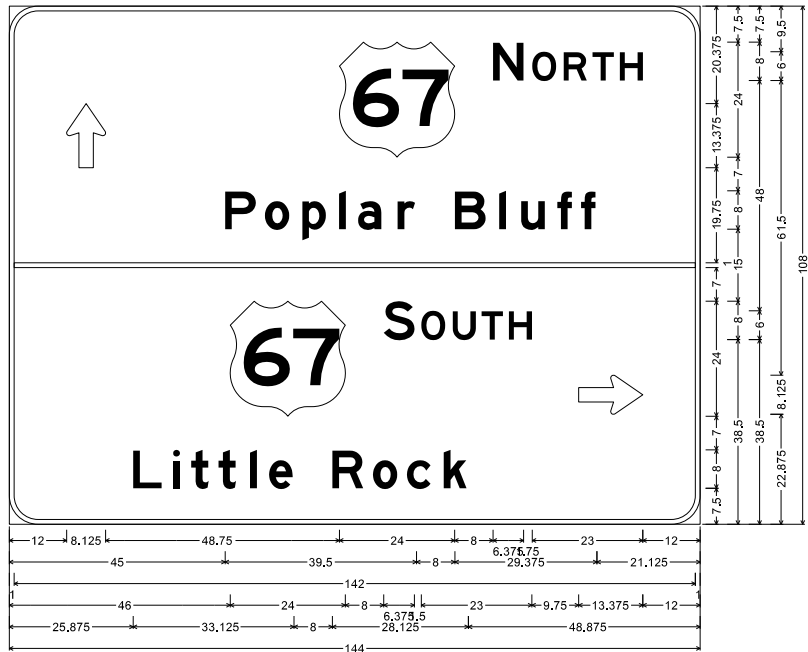
|          |               |
|----------|---------------|
| SIGN NO. | 42            |
| STATION  | 1150+68       |
| ROADWAY  | PROP. US - 67 |



I2-3 ST-STRUCTURAL:  
9,000" Radius, 2,000" Border, White on Blue;  
"Missouri", Cambria, Italic, Bold 300% spacing;  
"Welcomes" Yellow, Cambria, Italic, Bold 300% spacing;  
Table of letter and object lefts

|          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>M</b> | <b>i</b> | <b>s</b> | <b>s</b> | <b>o</b> | <b>u</b> | <b>r</b> | <b>i</b> |
| 12,000   | 35,625   | 42,500   | 54,875   | 70,500   | 91,625   | 111,000  | 123,750  |
| <b>W</b> | <b>e</b> | <b>l</b> | <b>c</b> | <b>o</b> | <b>m</b> | <b>e</b> | <b>s</b> |
| 12,000   | 68,250   | 78,375   | 85,875   | 90,250   | 96,750   | 105,500  | 119,625  |
| <b>Y</b> | <b>o</b> | <b>u</b> |          |          |          |          |          |
| 89,000   | 94,625   | 104,500  |          |          |          |          |          |

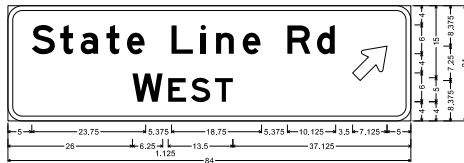
|          |               |
|----------|---------------|
| SIGN NO. | 44            |
| STATION  | 1160+00       |
| ROADWAY  | PROP. US - 67 |



D1-2d ST-STRUCTURAL:  
6,000" Radius, 1,000" Border, White on Green;  
Standard Arrow 13,375" X 8,125" 90°; Interstate 57 12,000" C; "NORTH", E Mod; "Poplar Bluff", E Mod;  
Interstate 57 12,000" C; "SOUTH", E Mod; "Little Rock", E Mod; Standard Arrow 13,375" X 8,125" 0°;  
Table of letter and object lefts

| N      | O      | R      | T       | H       |
|--------|--------|--------|---------|---------|
| 12,000 | 34,875 | 68,875 | 100,875 | 127,250 |
| P      | O      | P      | L       | A       |
| 45,000 | 53,250 | 61,125 | 68,750  | 72,750  |
| S      | O      | U      | T       | H       |
| 12,000 | 34,875 | 68,875 | 100,875 | 127,250 |
| L      | I      | T      | T       | L       |
| 25,875 | 34,125 | 37,875 | 43,625  | 50,125  |

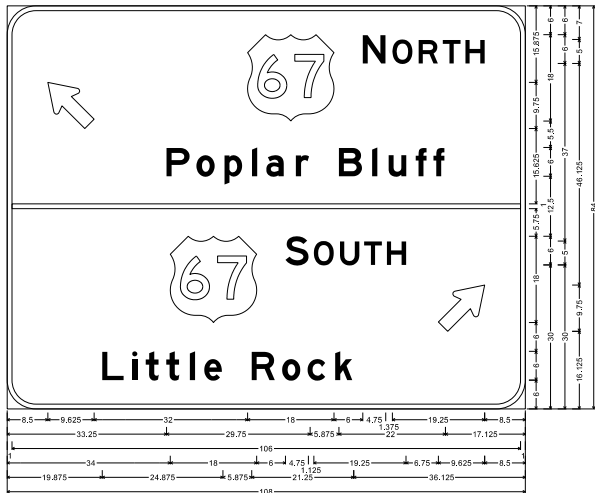
|          |        |
|----------|--------|
| SIGN NO. | 54     |
| STATION  | 15+10  |
| ROADWAY  | CR 278 |



D1-1d ST-STRUCTURAL:  
3,000" Radius, 1,000" Border, White on Green;  
"State Line Rd", E Mod 90% spacing; "WEST", E Mod;  
Standard Arrow Custom 9,000" X 6,000" 45°;  
Table of letter and object lefts

| S      | T      | A      | T      | E      | L      | I      | N      | E      | R      | D      | W      |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 5,000  | 10,875 | 15,125 | 20,500 | 24,875 | 34,125 | 40,125 | 43,375 | 49,000 | 58,250 | 64,375 | 71,875 |
| W      | E      | S      | T      |        |        |        |        |        |        |        |        |
| 26,000 | 33,375 | 38,125 | 43,125 |        |        |        |        |        |        |        |        |

|          |        |
|----------|--------|
| SIGN NO. | 57     |
| STATION  | 16+51  |
| ROADWAY  | CR 278 |

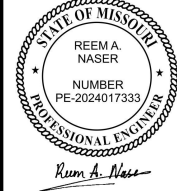


D1-2a ST-STRUCTURAL:  
6,000" Radius, 1,000" Border, White on Green;  
Standard Arrow 12,250" X 7,125" 155°; "NORTH", E Mod; "Poplar Bluff", E Mod; "SOUTH", E Mod; "Little Rock", E Mod;  
Standard Arrow 12,250" X 7,125" 45°;  
Table of letter and object lefts

| N      | O      | R      | T      | H      |
|--------|--------|--------|--------|--------|
| 8,500  | 24,625 | 50,125 | 74,125 | 80,250 |
| P      | O      | P      | L      | A      |
| 33,250 | 39,500 | 45,250 | 51,000 | 54,000 |
| S      | O      | U      | T      | H      |
| 8,500  | 34,000 | 58,000 | 63,875 | 69,375 |
| L      | I      | T      | T      | L      |
| 19,875 | 28,125 | 28,875 | 33,125 | 38,125 |

|          |        |
|----------|--------|
| SIGN NO. | 59     |
| STATION  | 17+09  |
| ROADWAY  | CR 278 |

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Reem A. Naser - Civil  
MO PE - 2024017333

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7/22/2026

ROUTE  
67

STATE  
MO

DISTRICT  
SE

SHEET NO.  
105

COUNTY  
BUTLER

JOB NO.  
JST0062

CONTRACT ID.  
.

PROJECT NO.  
.

BRIDGE NO.  
.

| DATE | DESCRIPTION |
|------|-------------|
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MoDOT  
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ENGINEERING CORPORATION - 000631

D-31

ROUTE 67  
SIGNING SHEET  
10 OF 13

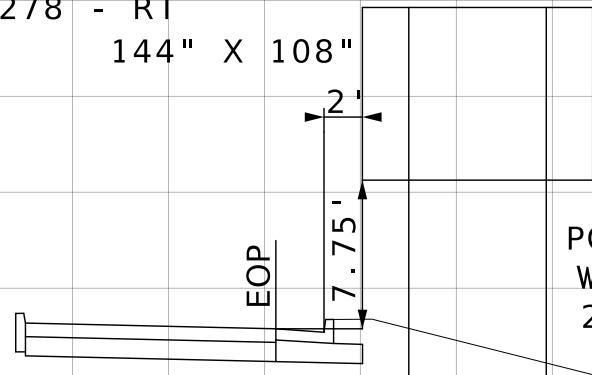




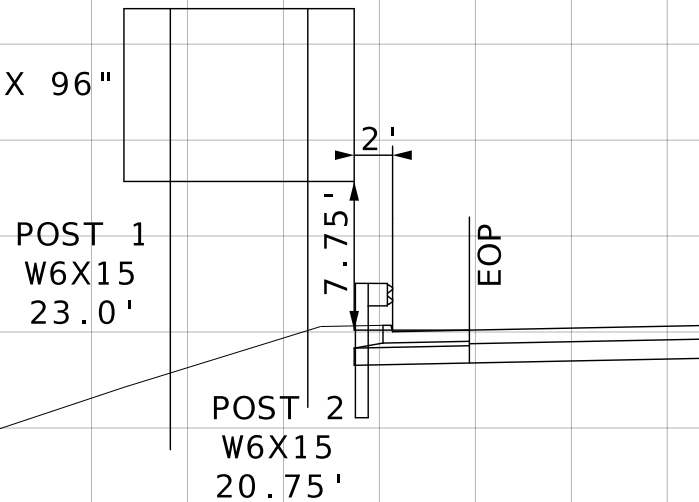




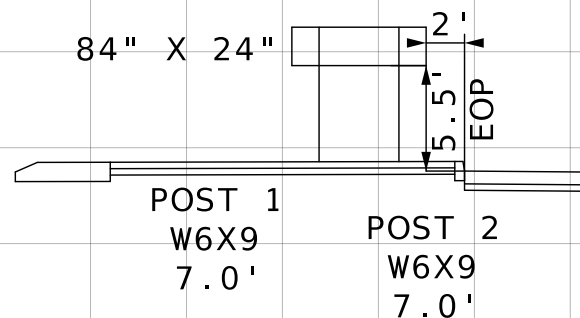
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STA 15+10  
CR 278 - RT  
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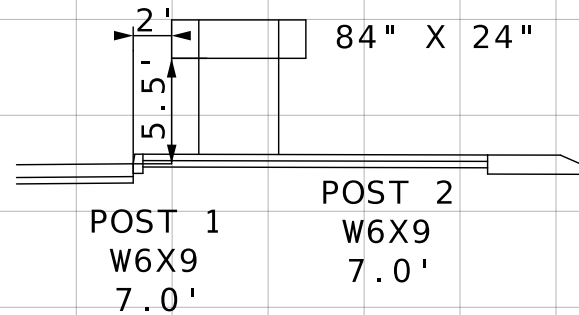
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STA 19+17  
CR 278 - LT  
144" X 96"



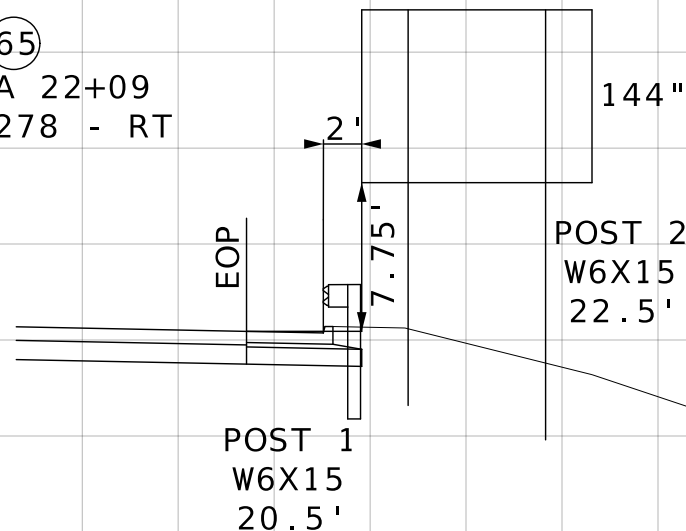
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STA 24+76  
CR 278 - RT  
84" X 24"



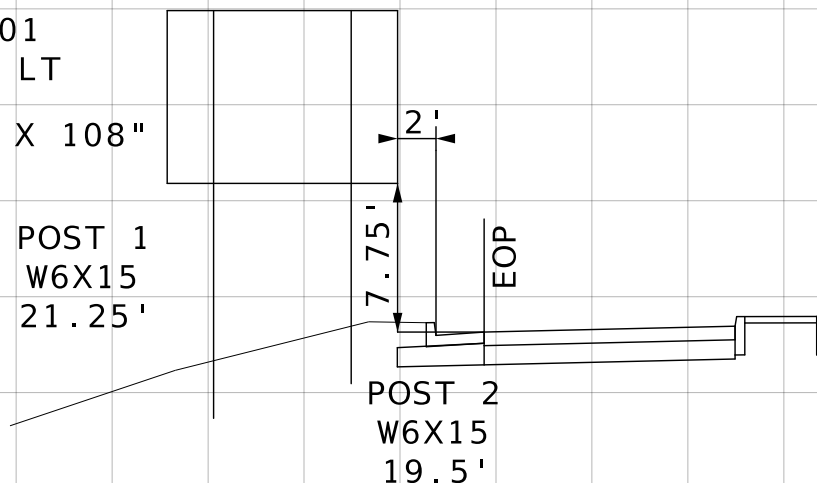
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STA 16+51  
CR 278 - LT  
84" X 24"



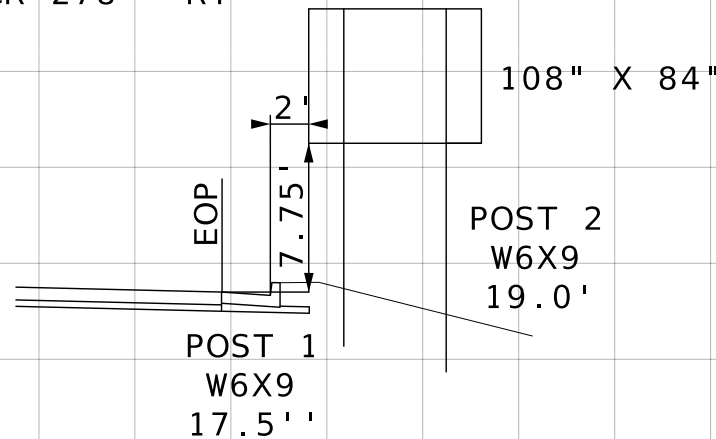
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STA 22+09  
CR 278 - RT  
144" X 96"



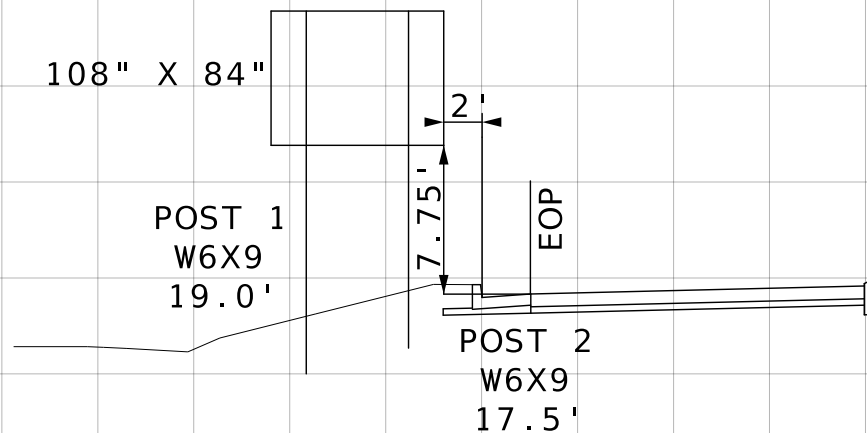
75  
STA 26+01  
CR 278 - LT  
144" X 108"



59  
STA 17+09  
CR 278 - RT  
108" X 84"

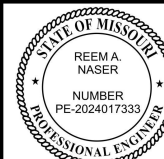


69  
STA 24+15  
CR 278 - LT  
108" X 84"



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NOTE: SIGNING CROSS SECTIONS ONLY INCLUDE SIGNS WITH STRUCTURAL STEEL POSTS AND SPECIAL SIGNS ALONG US67, CR 270, AND CR278



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Reem A. Naser - Civil  
MO PE - 2024017333

DATE PREPARED  
7/22/2026

ROUTE  
67

STATE  
MO

DISTRICT  
SE

SHEET NO.  
108

COUNTY  
BUTLER

JOB NO.  
JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

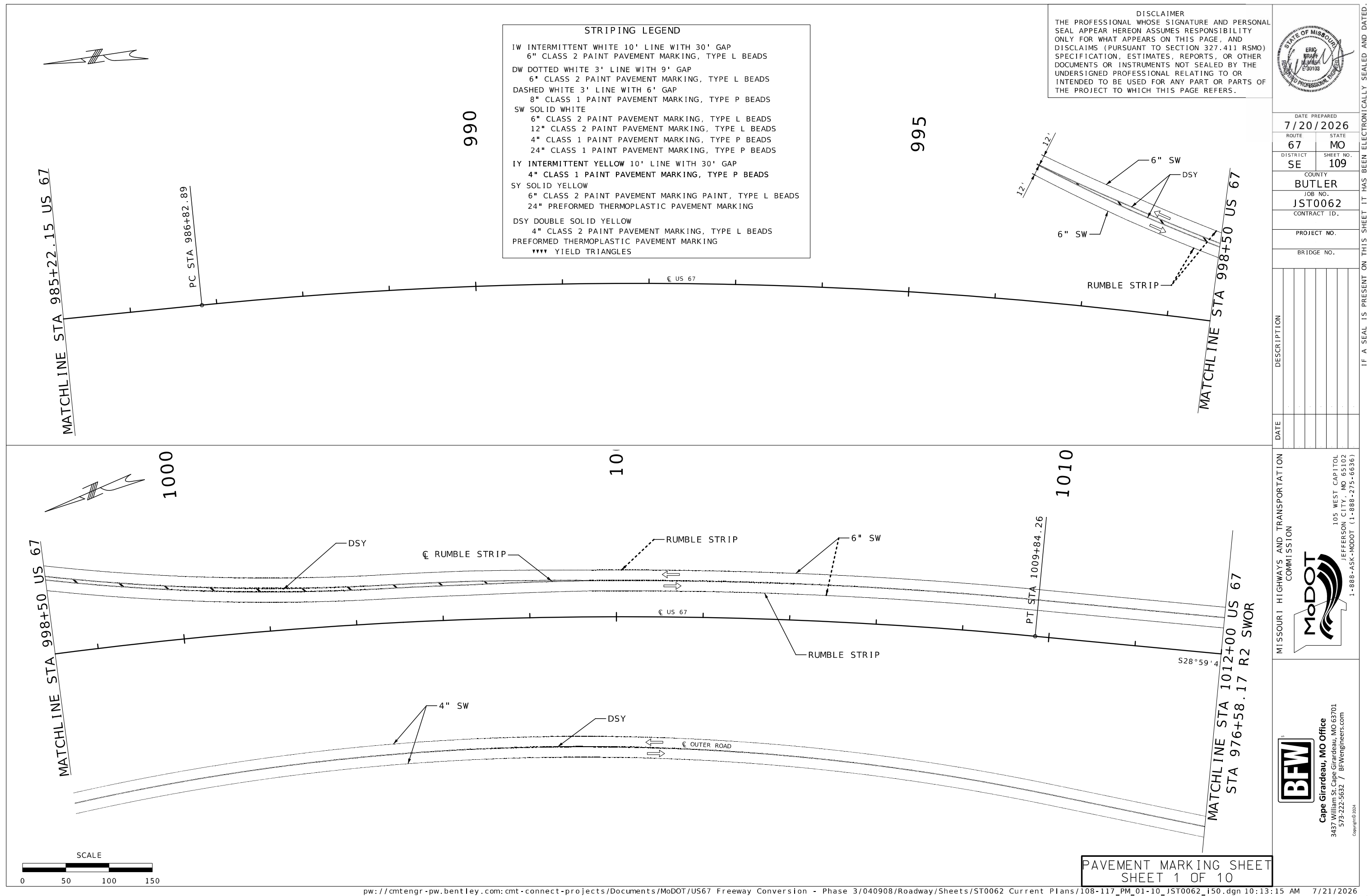
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

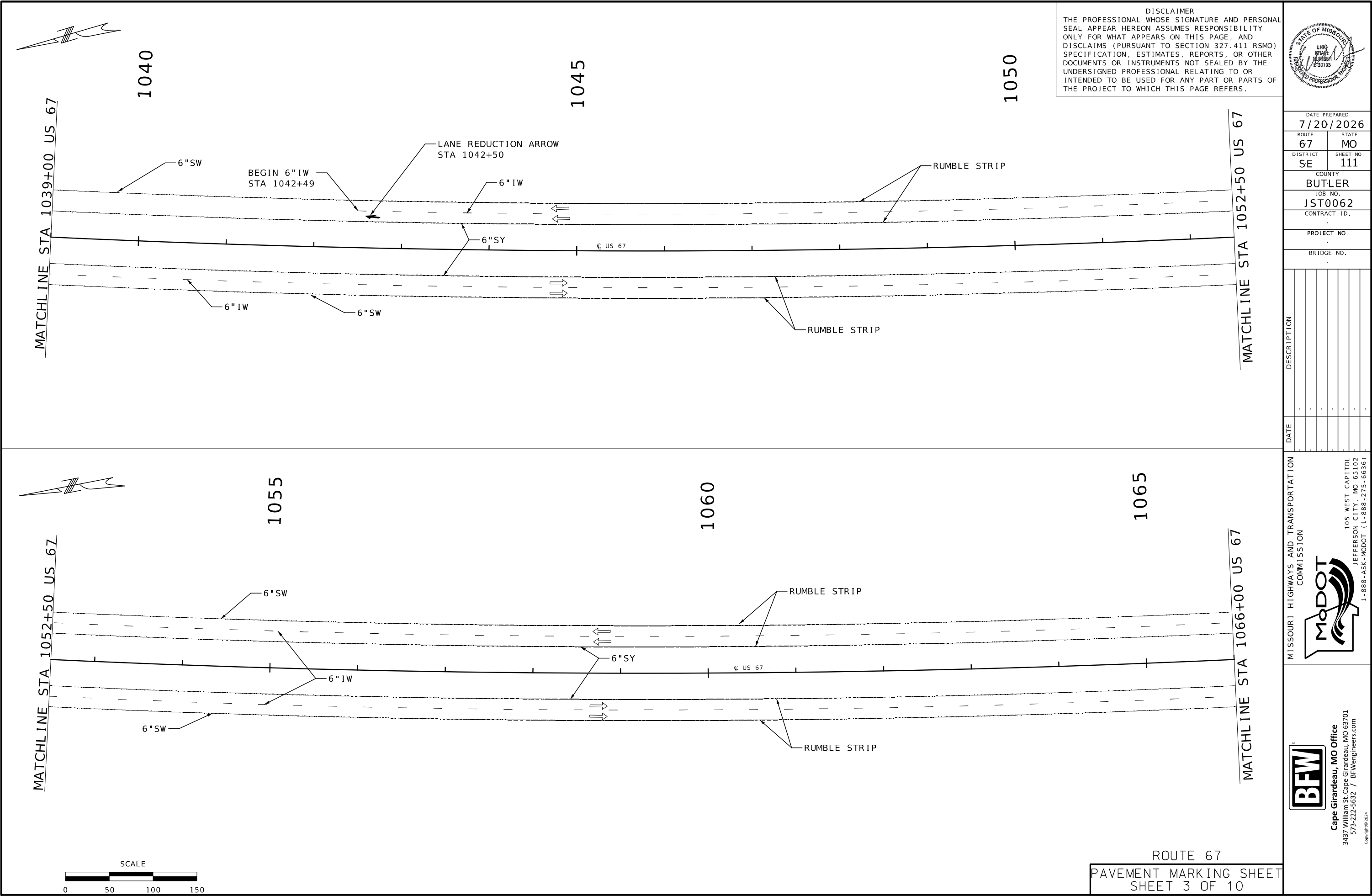
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ROUTE 67  
SIGNING SHEET  
13 OF 13







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| DATE PREPARED<br>7/20/2026 |                  |
| ROUTE<br>67                | STATE<br>MO      |
| DISTRICT<br>SE             | SHEET NO.<br>111 |
| COUNTY<br>BUTLER           |                  |
| JOB NO.<br>JST0062         |                  |
| CONTRACT ID.               |                  |
| PROJECT NO.                |                  |
| BRIDGE NO.                 |                  |

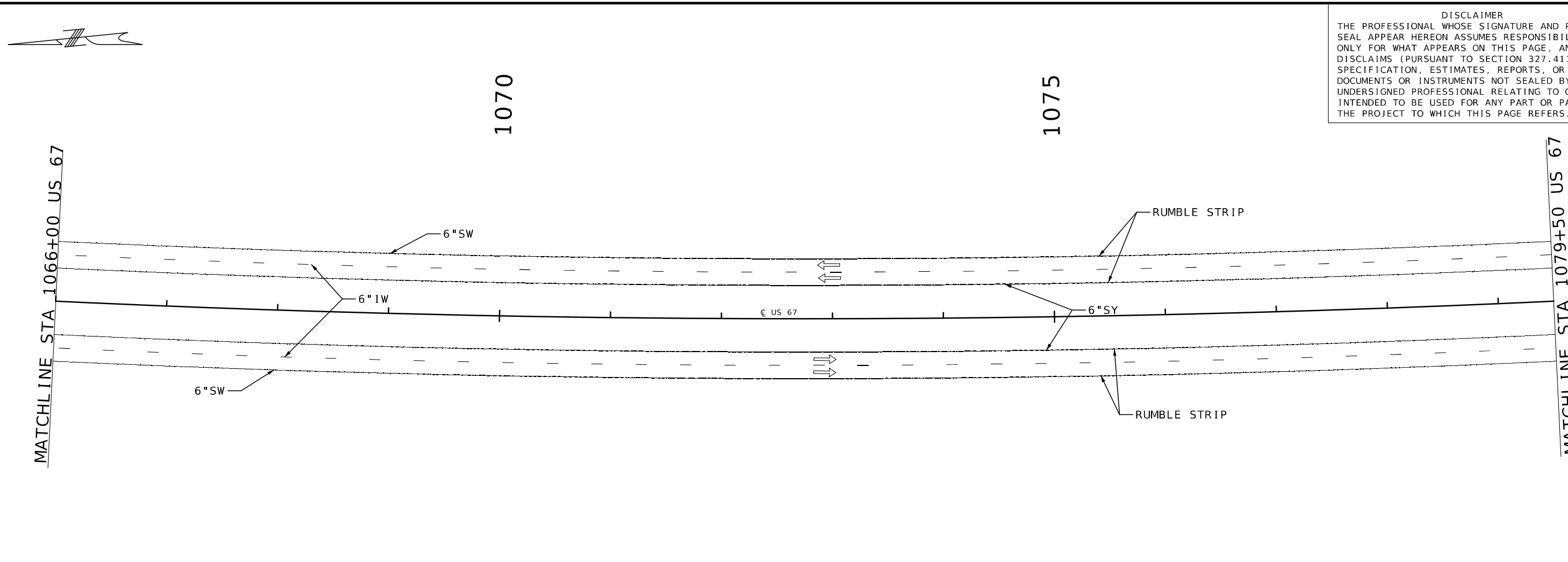
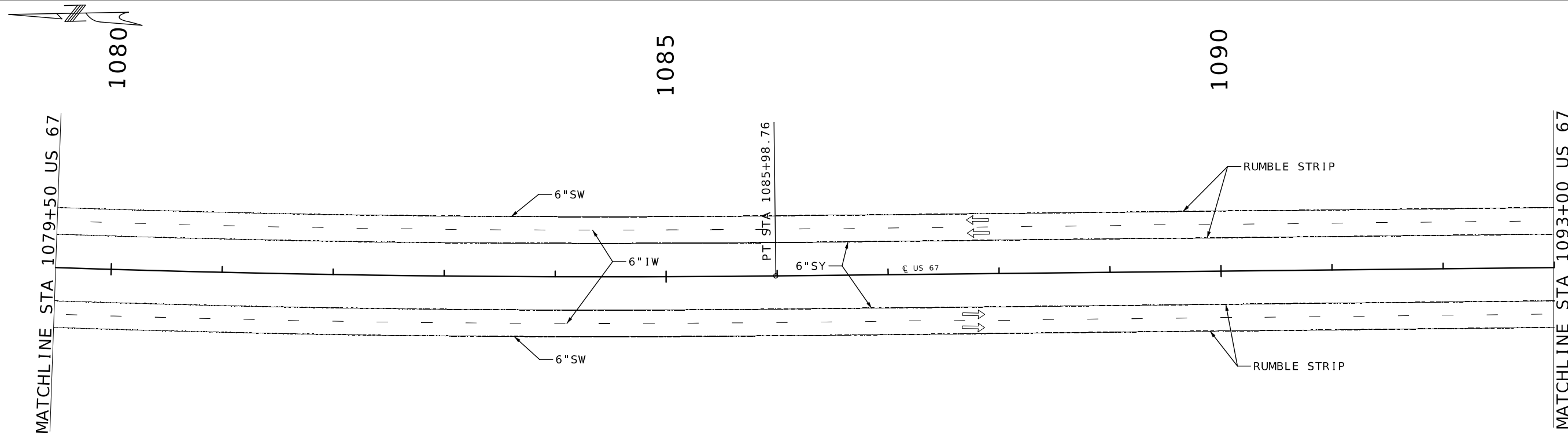
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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JEFFERSON CITY, MO 65102  
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ROUTE 67  
PAVEMENT MARKING SHEET  
SHEET 3 OF 10



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| DATE PREPARED |           |
| 7/20/2026     |           |
| ROUTE         | STATE     |
| 67            | MO        |
| DISTRICT      | SHEET NO. |
| SE            | 112       |
| COUNTY        |           |
| BUTLER        |           |
| JOB NO.       |           |
| JST0062       |           |
| CONTRACT ID.  |           |
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| PROJECT NO.   |           |
| .             |           |
| BRIDGE NO.    |           |

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SCALE

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# ROUTE 67

## PAVEMENT MARKING SHEET

### SHEET 4 OF 10

pw://cmtengr-pw.bentley.com:cmt-connect-projects/Documents/MoDOT/US67 Freeway Conversion - Phase 3/040908/Roadway/Sheets/ST0062 Current Plans/108-117\_PM\_01-10 IST0062\_i50.dgn 10:41:37 AM 7/21/2026



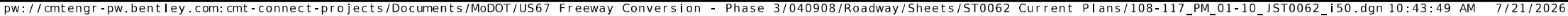
MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

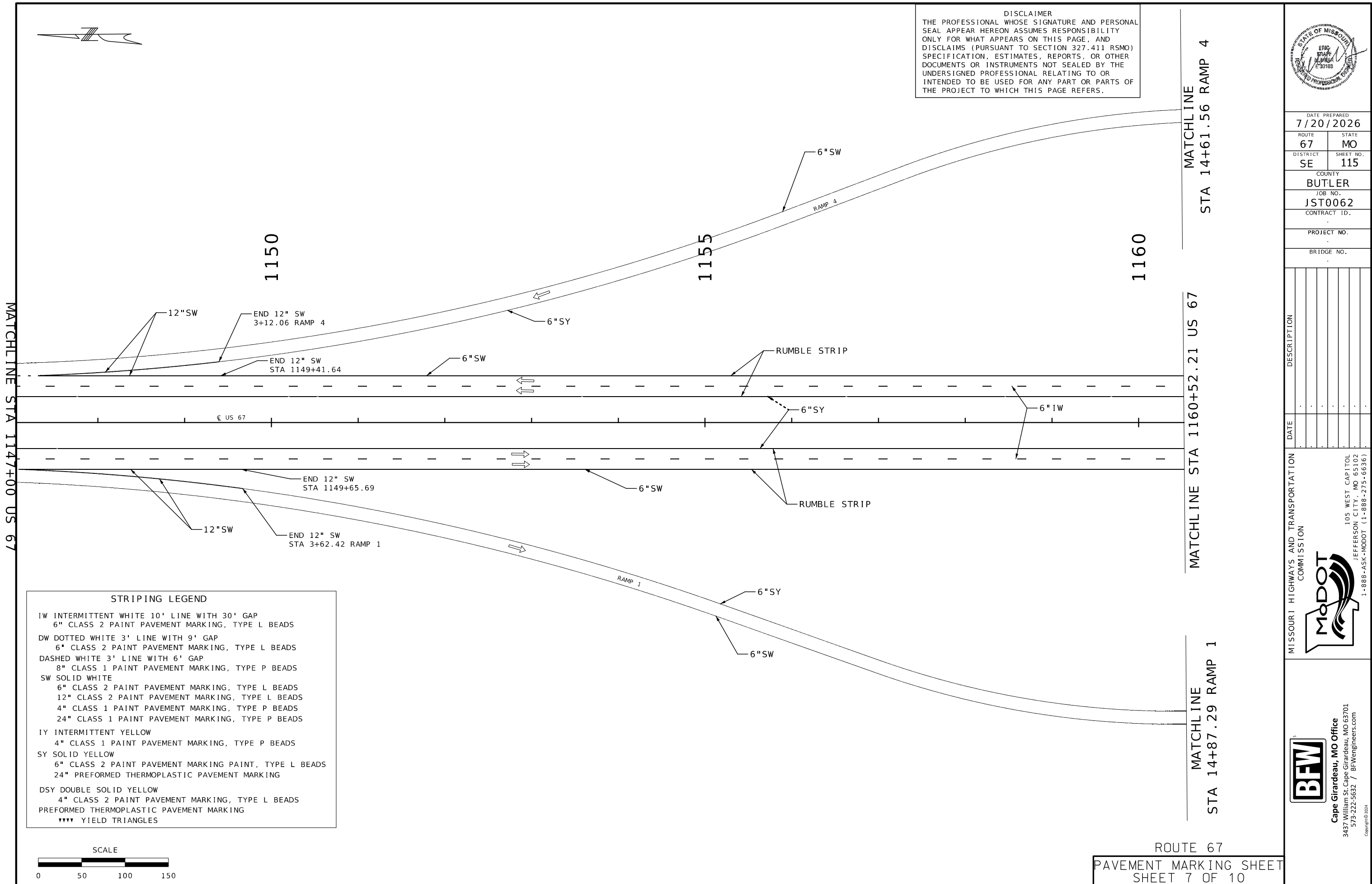
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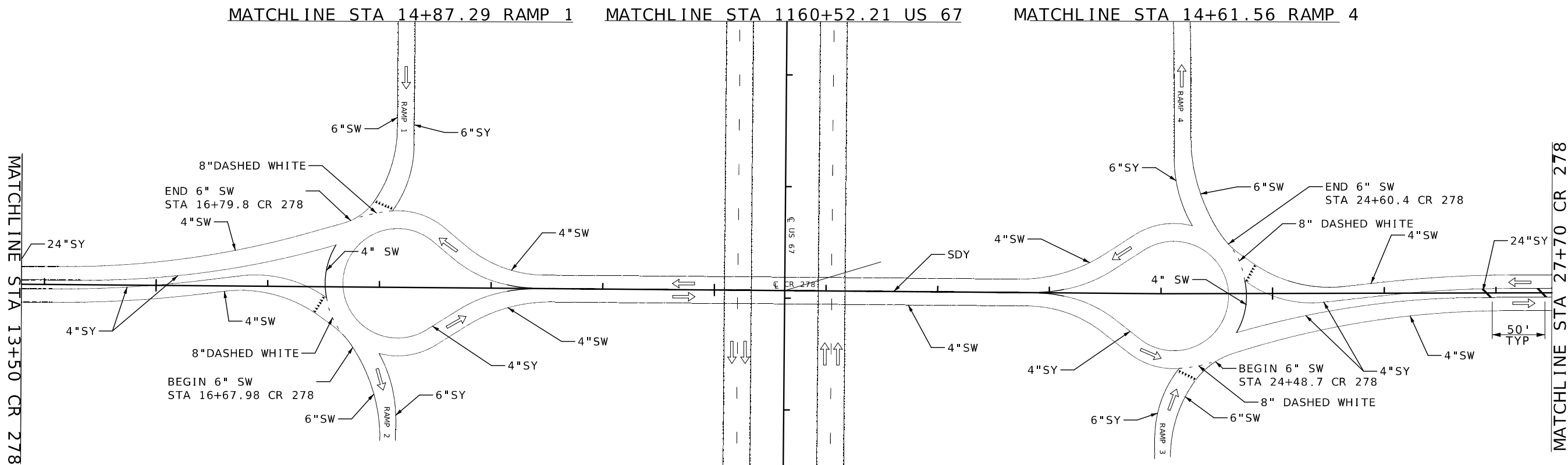




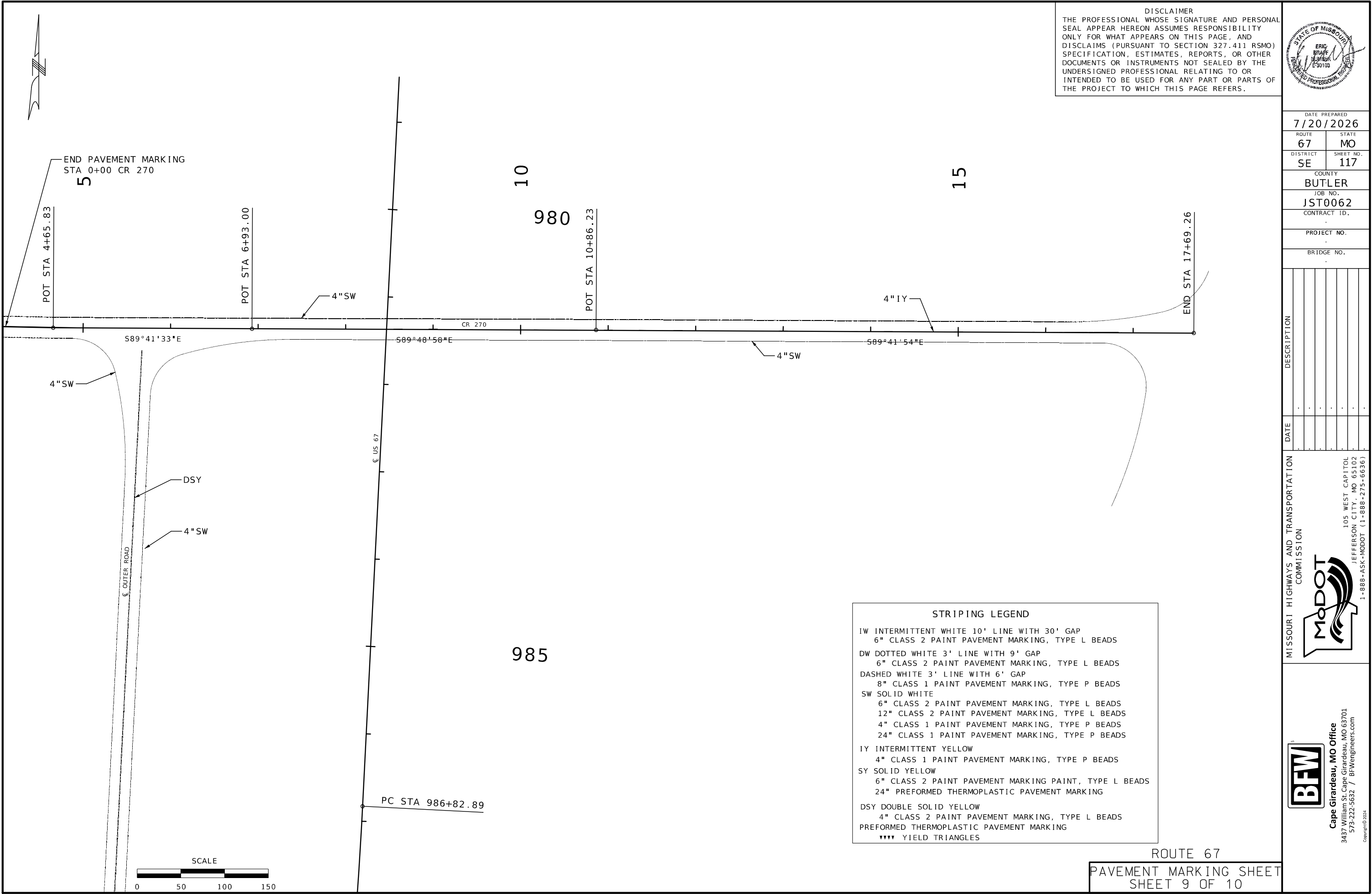
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|----------------------------|------------------|
| DATE PREPARED<br>7/20/2026 |                  |
| ROUTE<br>67                | STATE<br>MO      |
| DISTRICT<br>SE             | SHEET NO.<br>116 |
| COUNTY<br>BUTLER           |                  |
| JOB NO.<br>JST0062         |                  |
| CONTRACT ID.               |                  |
| PROJECT NO.                |                  |
| BRIDGE NO.                 |                  |



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



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| DATE PREPARED<br>7/20/2026 |                  |
| ROUTE<br>67                | STATE<br>MO      |
| DISTRICT<br>SE             | SHEET NO.<br>117 |
| COUNTY<br>BUTLER           |                  |
| JOB NO.<br>JST0062         |                  |
| CONTRACT ID.<br>.          |                  |
| PROJECT NO.<br>.           |                  |
| BRIDGE NO.<br>.            |                  |

| DESCRIPTION | DATE |
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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**STRIPING LEGEND**

IW INTERMITTENT WHITE 10' LINE WITH 30' GAP  
6" CLASS 2 PAINT PAVEMENT MARKING, TYPE L BEADS

DW DOTTED WHITE 3' LINE WITH 9' GAP  
6" CLASS 2 PAINT PAVEMENT MARKING, TYPE L BEADS

DASHED WHITE 3' LINE WITH 6' GAP  
8" CLASS 1 PAINT PAVEMENT MARKING, TYPE P BEADS

SW SOLID WHITE  
6" CLASS 2 PAINT PAVEMENT MARKING, TYPE L BEADS  
12" CLASS 2 PAINT PAVEMENT MARKING, TYPE L BEADS  
4" CLASS 1 PAINT PAVEMENT MARKING, TYPE P BEADS  
24" CLASS 1 PAINT PAVEMENT MARKING, TYPE P BEADS

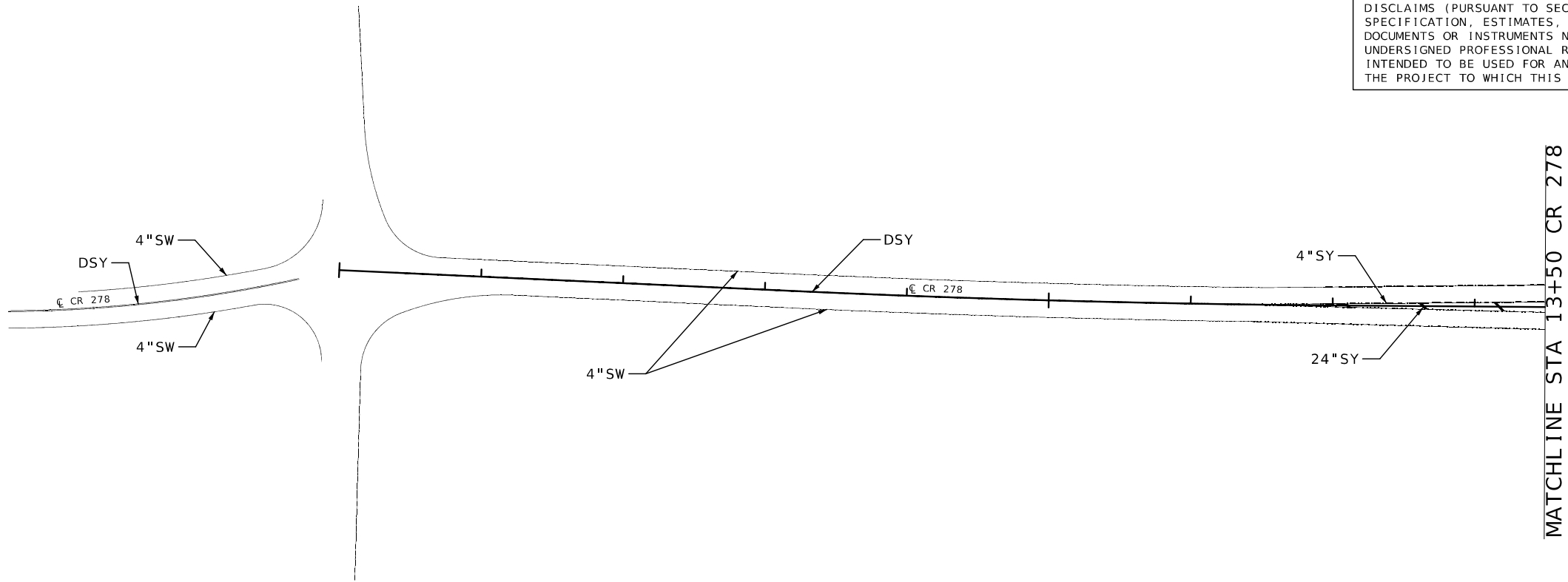
IY INTERMITTENT YELLOW  
4" CLASS 1 PAINT PAVEMENT MARKING, TYPE P BEADS

SY SOLID YELLOW  
6" CLASS 2 PAINT PAVEMENT MARKING PAINT, TYPE L BEADS  
24" PREFORMED THERMOPLASTIC PAVEMENT MARKING

DSY DOUBLE SOLID YELLOW  
4" CLASS 2 PAINT PAVEMENT MARKING, TYPE L BEADS  
PREFORMED THERMOPLASTIC PAVEMENT MARKING

▼▼▼ YIELD TRIANGLES

ROUTE 67  
PAVEMENT MARKING SHEET  
SHEET 9 OF 10



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|                                   |                         |
|-----------------------------------|-------------------------|
| DATE PREPARED<br><b>7/20/2026</b> |                         |
| ROUTE<br><b>67</b>                | STATE<br><b>MO</b>      |
| DISTRICT<br><b>SE</b>             | SHEET NO.<br><b>118</b> |
| COUNTY<br><b>BUTLER</b>           |                         |
| JOB NO.<br><b>JST0062</b>         |                         |
| CONTRACT ID.<br>.                 |                         |
| PROJECT NO.<br>.                  |                         |
| BRIDGE NO.<br>.                   |                         |

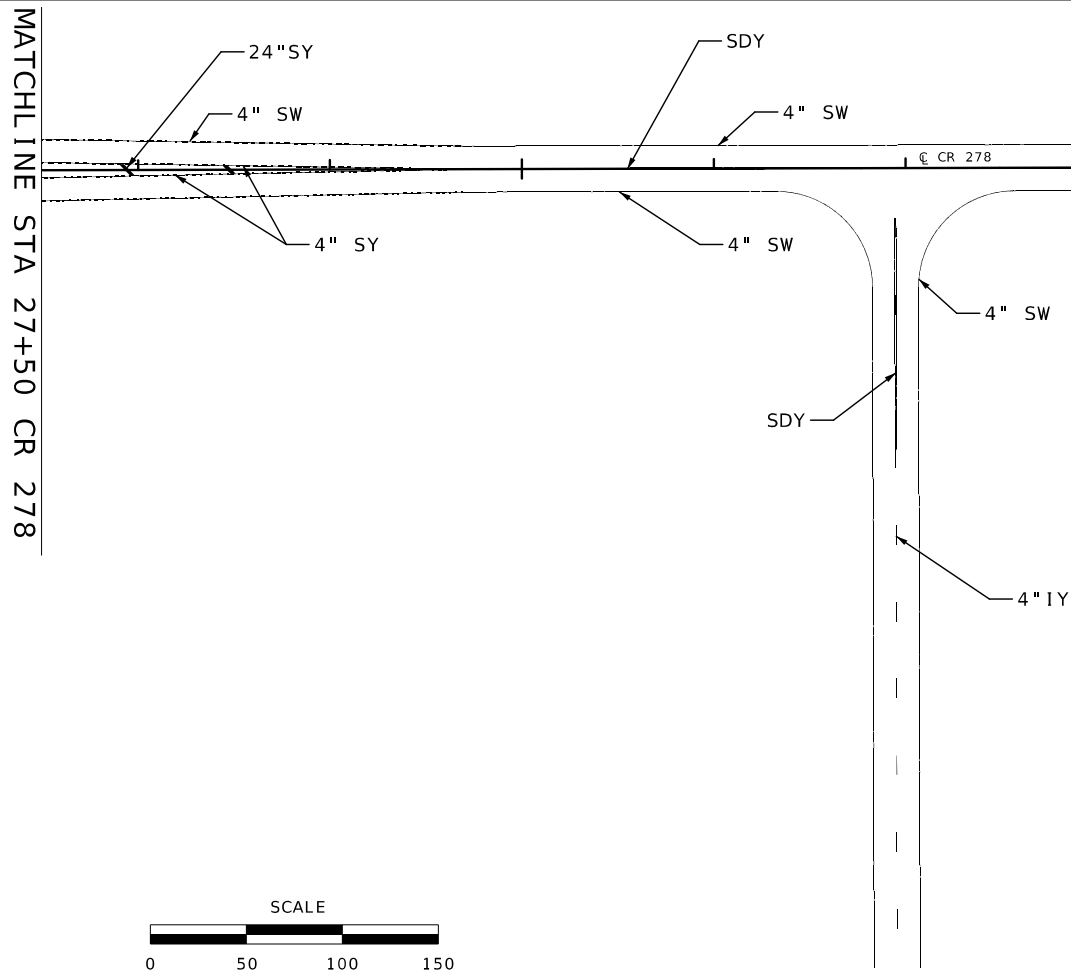
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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STRIPING LEGEND

IW INTERMITTENT WHITE 10' LINE WITH 30' GAP  
6" CLASS 2 PAINT PAVEMENT MARKING, TYPE L BEADS

DW DOTTED WHITE 3' LINE WITH 9' GAP  
6" CLASS 2 PAINT PAVEMENT MARKING, TYPE L BEADS

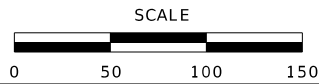
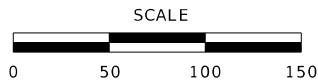
DASHED WHITE  
8" CLASS 1 PAINT PAVEMENT MARKING, TYPE P BEADS

SW SOLID WHITE  
6" CLASS 2 PAINT PAVEMENT MARKING, TYPE L BEADS  
12" CLASS 2 PAINT PAVEMENT MARKING, TYPE L BEADS  
4" CLASS 1 PAINT PAVEMENT MARKING, TYPE P BEADS  
24" CLASS 1 PAINT PAVEMENT MARKING, TYPE P BEADS

IY INTERMITTENT YELLOW  
4" CLASS 1 PAINT PAVEMENT MARKING, TYPE P BEADS

SY SOLID YELLOW  
6" CLASS 2 PAINT PAVEMENT MARKING PAINT, TYPE L BEADS  
24" PREFORMED THERMOPLASTIC PAVEMENT MARKING

DSY DOUBLE SOLID YELLOW  
4" CLASS 2 PAINT PAVEMENT MARKING, TYPE L BEADS  
PREFORMED THERMOPLASTIC PAVEMENT MARKING  
▼▼▼ YIELD TRIANGLES



ROUTE 67  
PAVEMENT MARKING SHEET  
SHEET 10 OF 10

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Margaret Ann Bruns - Civil  
MO PE-2010000798

DATE PREPARED  
7/22/2026

|          |           |
|----------|-----------|
| ROUTE    | STATE     |
| 67       | MO        |
| DISTRICT | SHEET NO. |
| SE       | 119       |

COUNTY  
BUTLER

JOB NO.  
JST0062

CONTRACT ID.  
.

PROJECT NO.  
.

BRIDGE NO.  
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DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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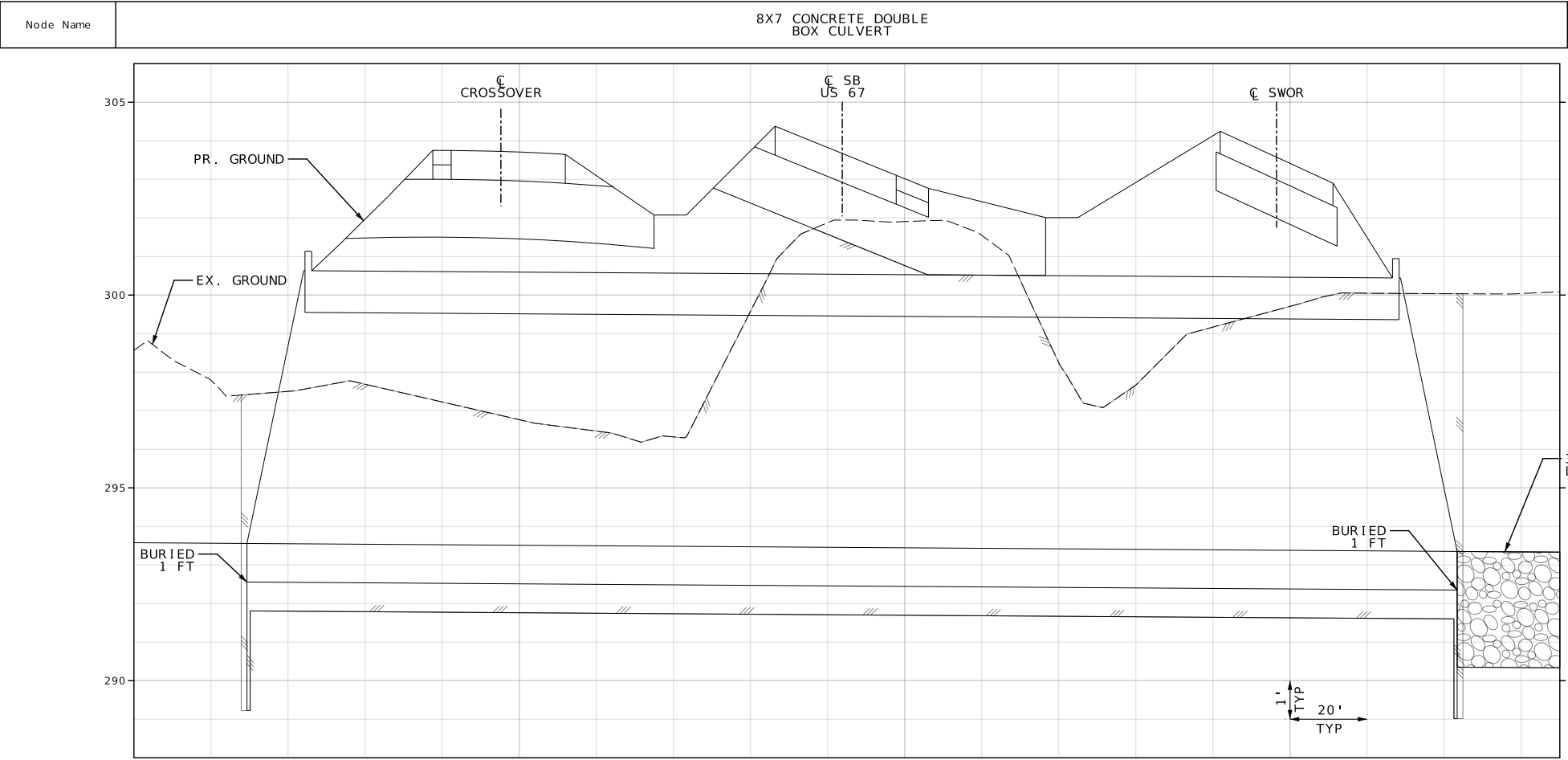
EFK Moen

Civil Engineering Design

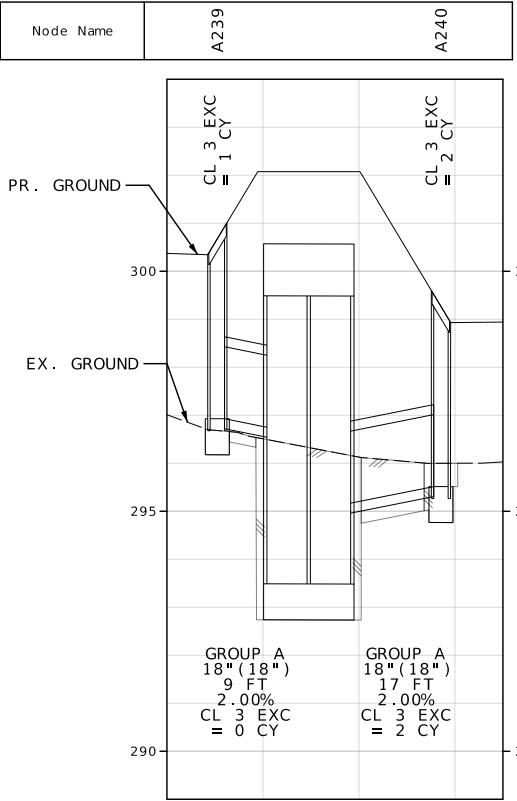
13523 Barrett Parkway Dr  
Suite 250  
St. Louis, MO 63021

Phone 314-394-3100  
Fax 314-394-3199

Missouri Certificate of Authority: 001578



|                   |                                                         |                    |
|-------------------|---------------------------------------------------------|--------------------|
| Structure Type    | PARALLEL WINGWALLS                                      | PARALLEL WINGWALLS |
| Station           | 1002+39.27                                              | 1003+33.83         |
| Offset            | 105.22' LT                                              | 194.95' RT         |
| Invert Elev.      | 293.56                                                  | 293.35             |
| Size and material | 8X7 CONCRETE DOUBLE BOX CULVERT<br>17°09'52" RA @ 0.07% |                    |
| Length            | 314 FT                                                  |                    |
| Slope             | 0.07%                                                   |                    |
| Earthwork         | CL. 3 EXC = 1729 CY                                     |                    |



|                |                            |                            |
|----------------|----------------------------|----------------------------|
| Structure Type | 3X3 INLET S-2              | 3X3 INLET S-2              |
| Station        | 1002+52.04                 | 1002+98.62                 |
| Offset         | 0.00' CT                   | 0.00' CT                   |
| Ground Elev.   | 300.34                     | 298.93                     |
| Invert Elev.   | 296.93<br>296.93<br>296.75 | 295.17<br>295.51<br>295.51 |
| Bottom Elev.   | 296.93                     | 295.51                     |

ROUTE 67  
CULVERT SECTIONS  
1 OF 10

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08/06/2026 11:03:37 AM  
Margaret Ann Bruns - Civil  
MO PE-2010000798

DATE PREPARED  
8/6/2026

|          |           |
|----------|-----------|
| ROUTE    | STATE     |
| 67       | MO        |
| DISTRICT | SHEET NO. |
| SE       | 119       |

COUNTY  
BUTLER

JOB NO.  
JST0062

CONTRACT ID.  
.

PROJECT NO.  
.

BRIDGE NO.  
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DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

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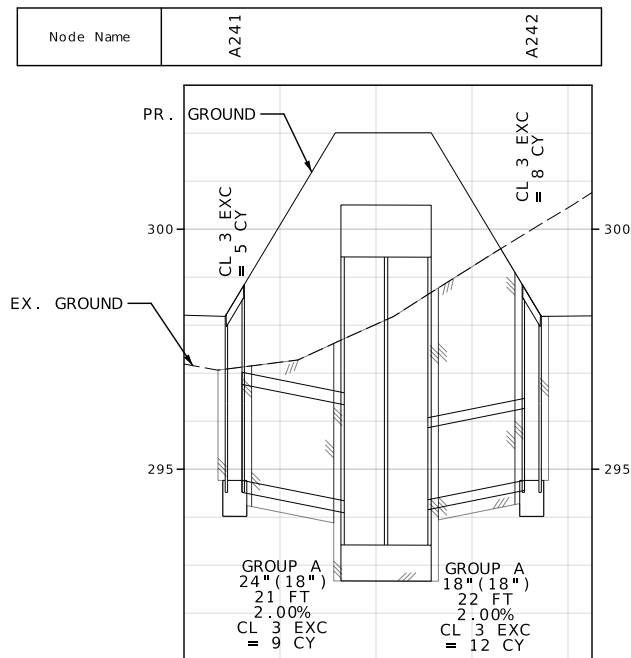
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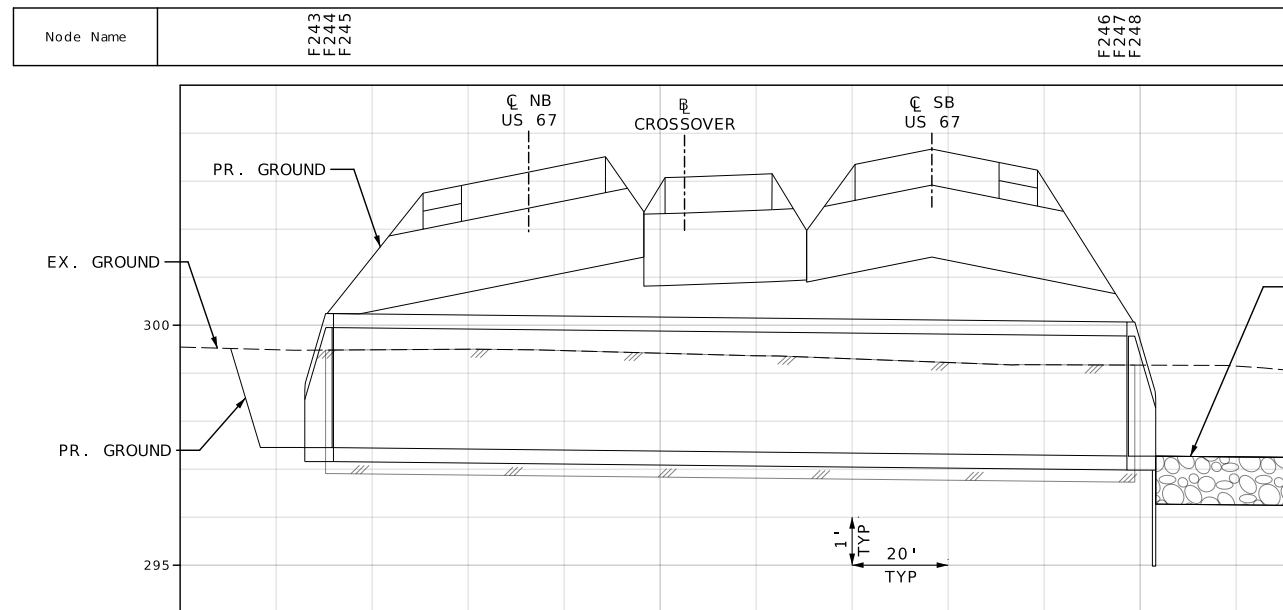
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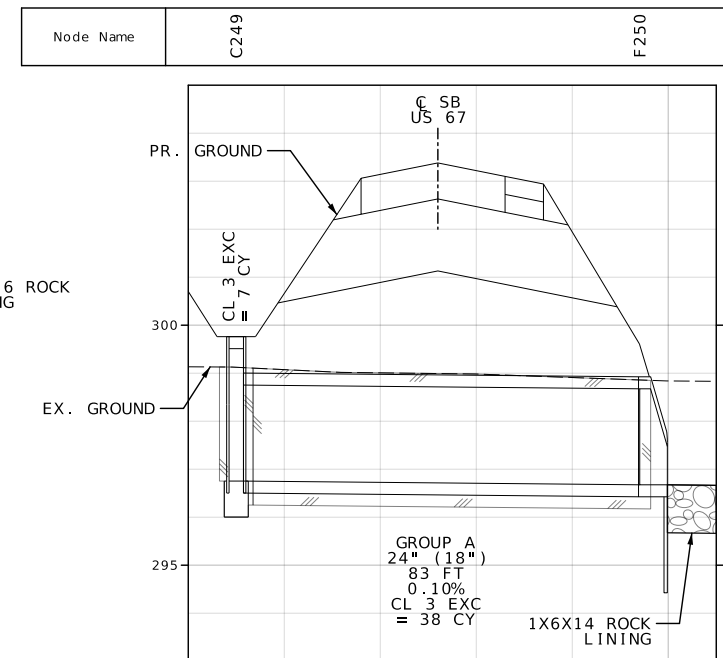
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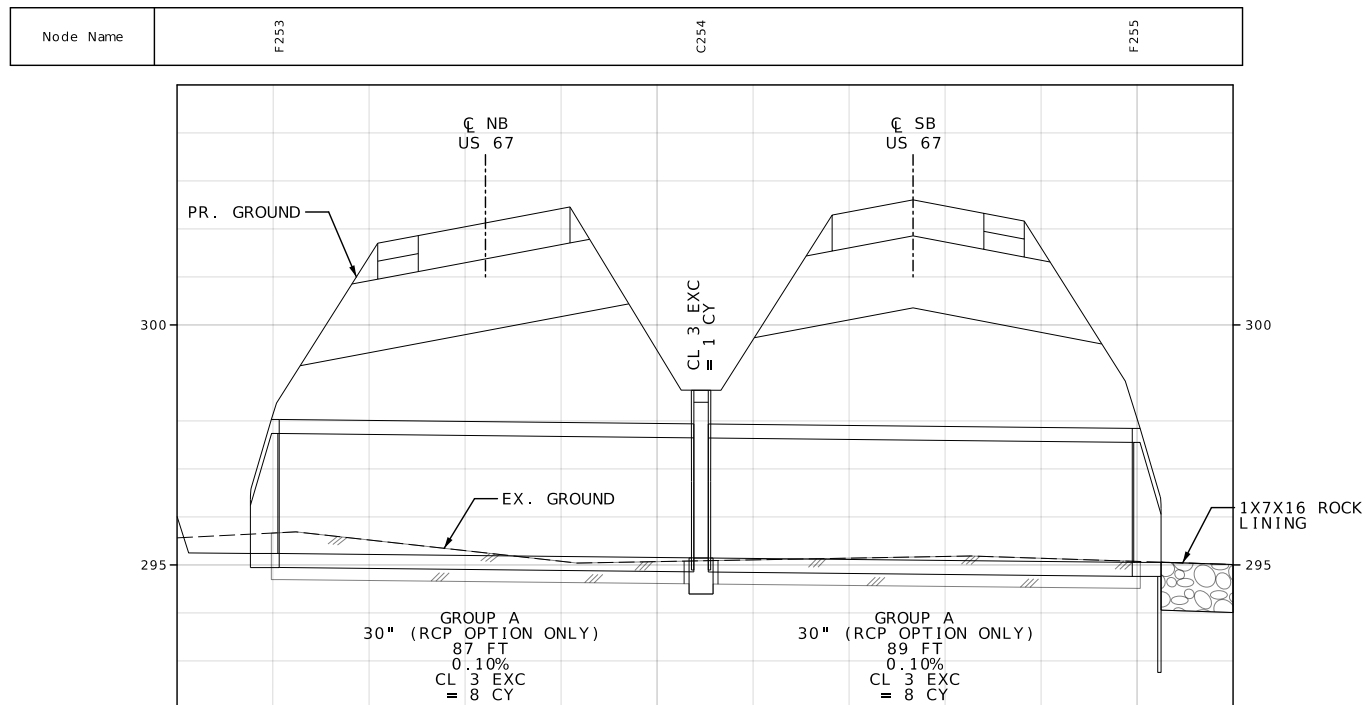
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|----------------|---------------|--------|--------|--|---------------|--------|--------|--|
| Structure Type | 3X3 INLET S-2 |        |        |  | 3X3 INLET S-2 |        |        |  |
| Station        | 1002+69.51    |        |        |  | 1003+32.59    |        |        |  |
| Offset         | 97.46' RT     |        |        |  | 96.62' RT     |        |        |  |
| Ground Elev.   | 298.18        |        |        |  | 298.18        |        |        |  |
| Invert Elev.   | 294.77        | 294.77 | 294.34 |  | 294.36        | 294.77 | 294.77 |  |
| Bottom Elev.   | 294.77        |        |        |  | 294.77        |        |        |  |



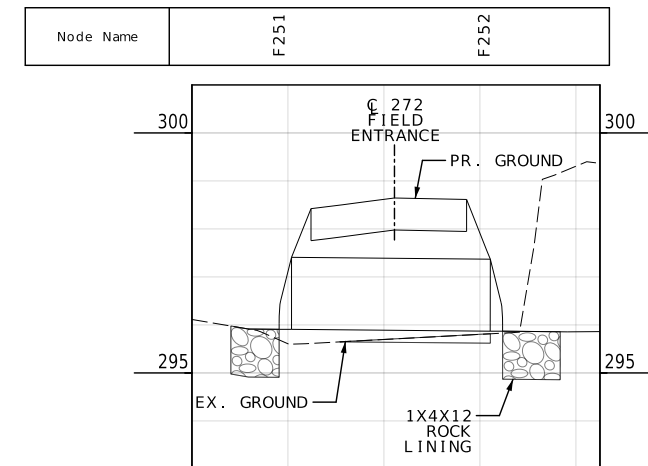
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|-------------------|------------------------------|-------------|
| Structure Type    | 3 - 30" FES                  | 3 - 30" FES |
| Station           | 1017+17.41                   | 1017+17.41  |
| Offset            | 82.94' LT.                   | 82.64' RT.  |
| Invert Elev.      | 297.45                       | 297.27      |
| Size And Material | 3 - 30" GROUP A<br>(2 - 30") |             |
| Length            | 3 - 166 FT                   |             |
| Slope             | 0.11%                        |             |
| Earthwork         | CL.3 EXC = 271 CY            |             |



|                |                  |            |
|----------------|------------------|------------|
| Structure Type | 5X3 INLET S-1    | 24" FES    |
| Station        | 1023+04.14       | 1023+04.14 |
| Offset         | 0.00' CT.        | 84.06' RT. |
| Ground Elev.   | 299.76           |            |
| Invert Elev.   | 296.75<br>296.75 | 296.67     |
| Bottom Elev.   | 296.75           | 296.67     |



|                |            |                  |            |
|----------------|------------|------------------|------------|
| Structure Type | 30" FES    | 5X3 INLET S-1    | 30" FES    |
| Station        | 1038+31.17 | 1038+58.61       | 1038+86.32 |
| Offset         | 83.75' LT. | 0.00' CT.        | 85.66' RT. |
| Ground Elev.   | 298.64     |                  |            |
| Invert Elev.   | 295.24     | 295.14<br>295.14 | 295.05     |
| Bottom Elev.   | 295.14     |                  |            |

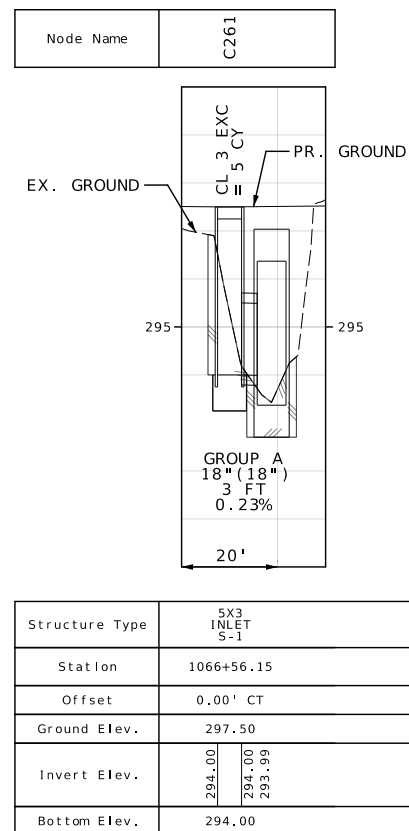
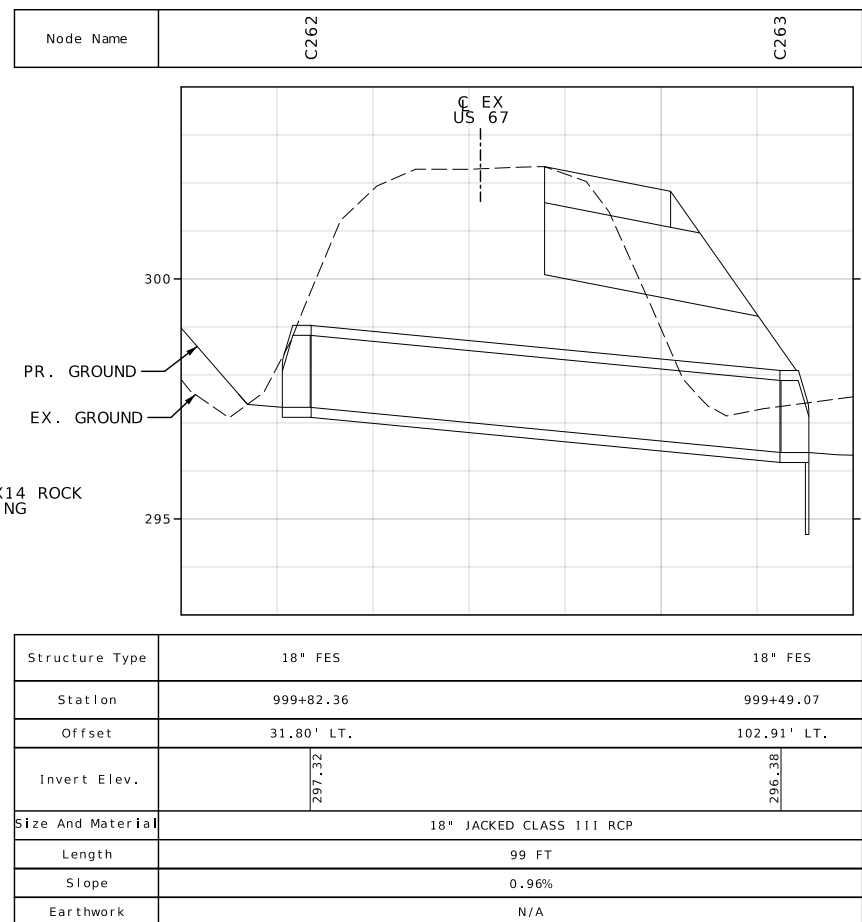
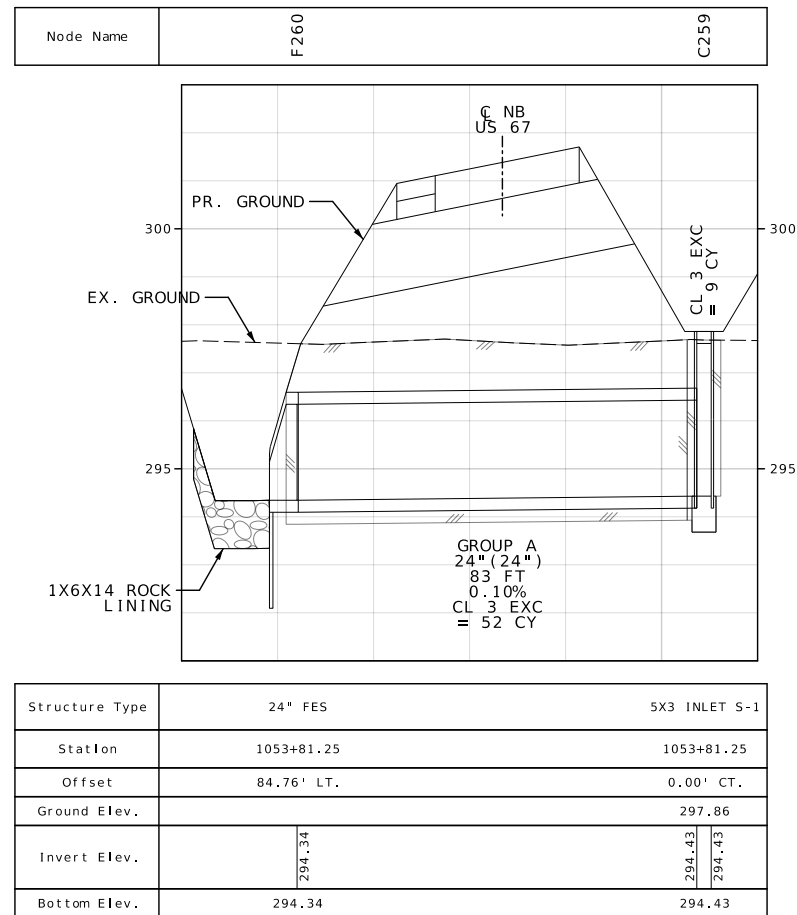
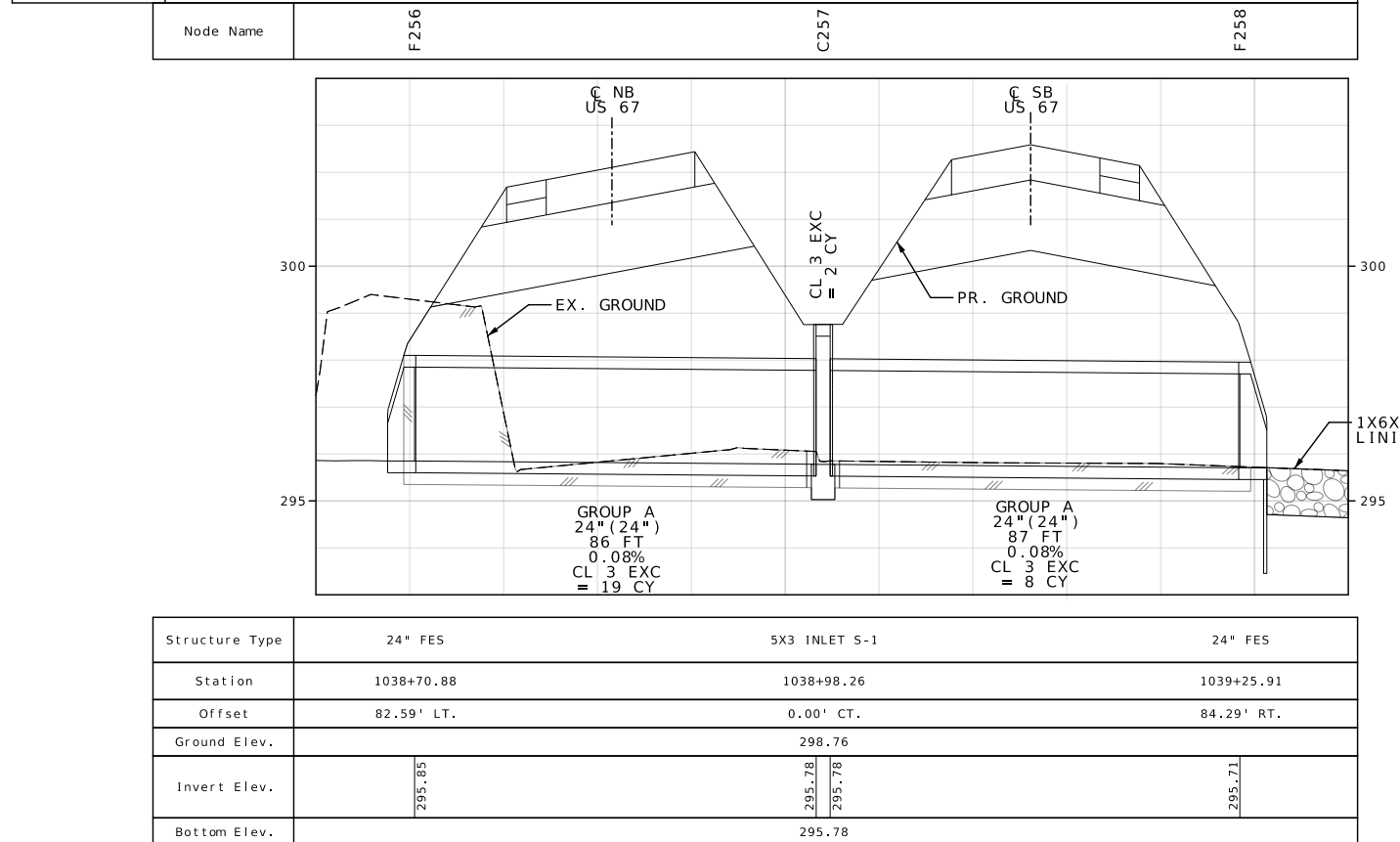
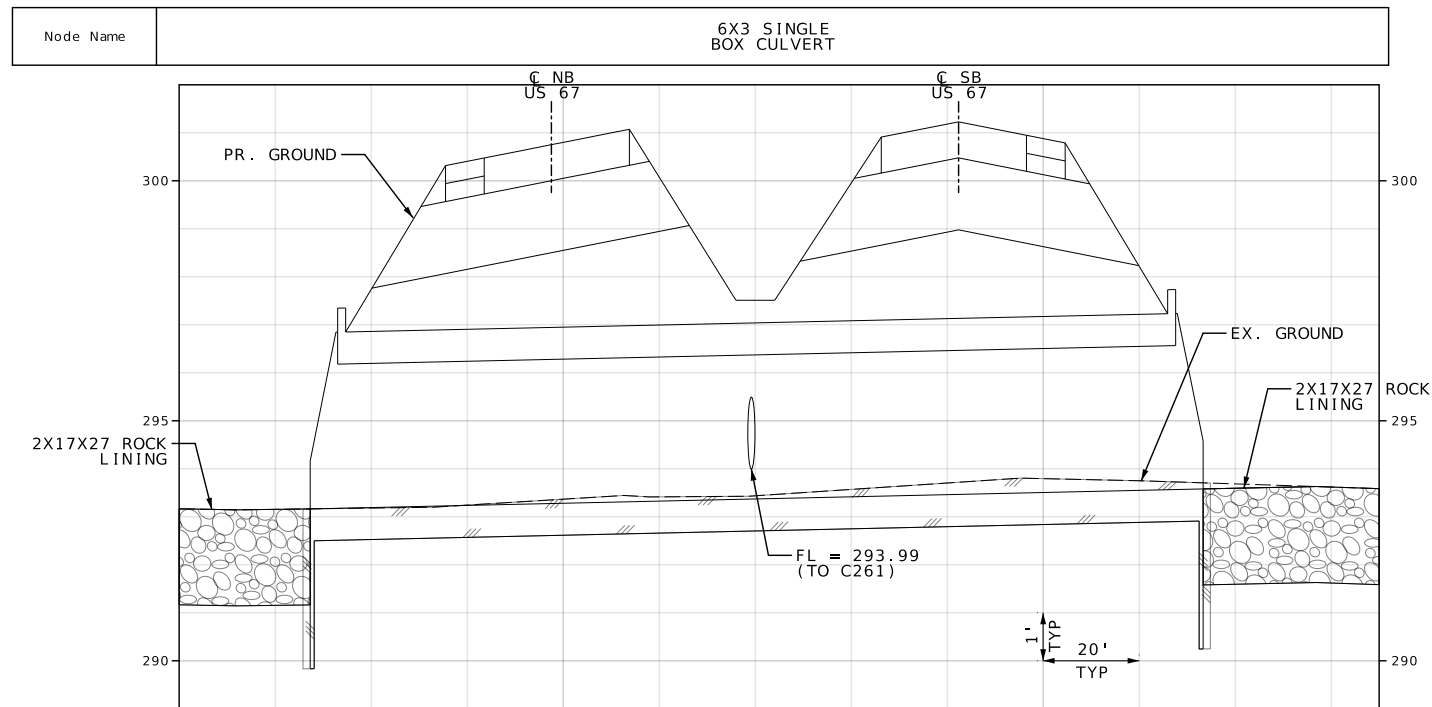


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|-------------------|-------------------|-------------|
| Structure Type    | 18" FES           | 18" FES     |
| Station           | 1038+46.48        | 1038+62.40  |
| Offset            | 151.88' LT.       | 108.06' LT. |
| Invert Elev.      | 295.91            | 295.87      |
| Size And Material | 18" GROUP B (18") |             |
| Length            | 41 FT             |             |
| Slope             | 0.10%             |             |
| Earthwork         | CL. 3 EXC = 1 CY  |             |

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8/6/2026

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| DISTRICT | SHEET NO |
| S.F      | 121      |

BOTTLER  
 JOB NO.  
 16T0063

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| PROJECT NO. |
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DATE PREPARED  
2/27/2026

ROUTE 67 STATE MO  
DISTRICT SE SHEET NO. 122

COUNTY  
BUTLER

JOB NO.  
JST0062

CONTRACT ID.  
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PROJECT NO.  
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BRIDGE NO.  
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

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Cape Girardeau, MO Office

3437 William St. Cape Girardeau, MO 63701

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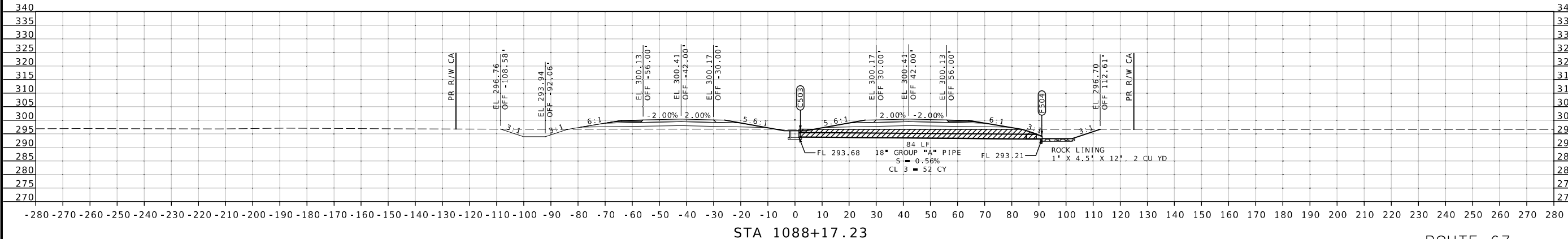
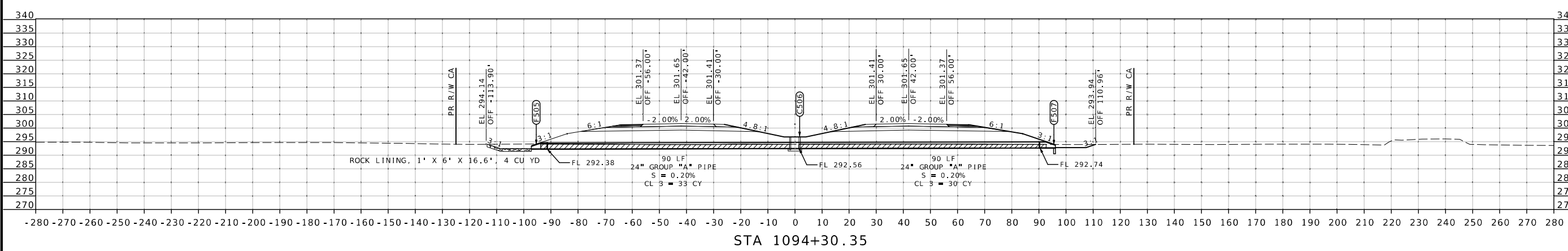
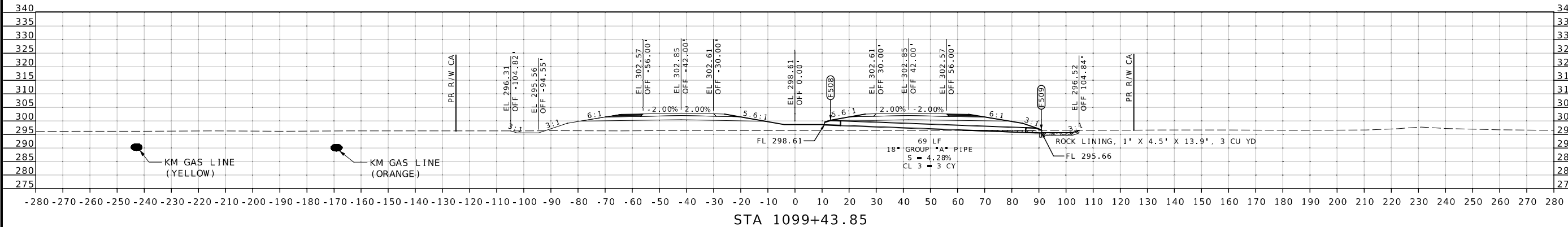
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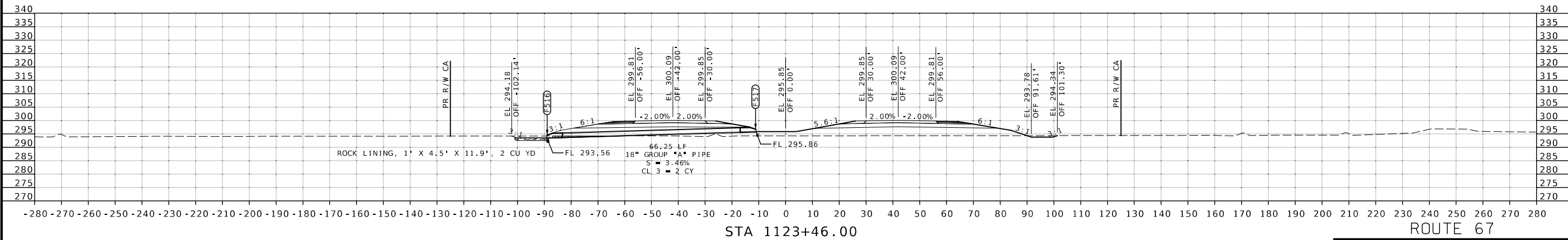
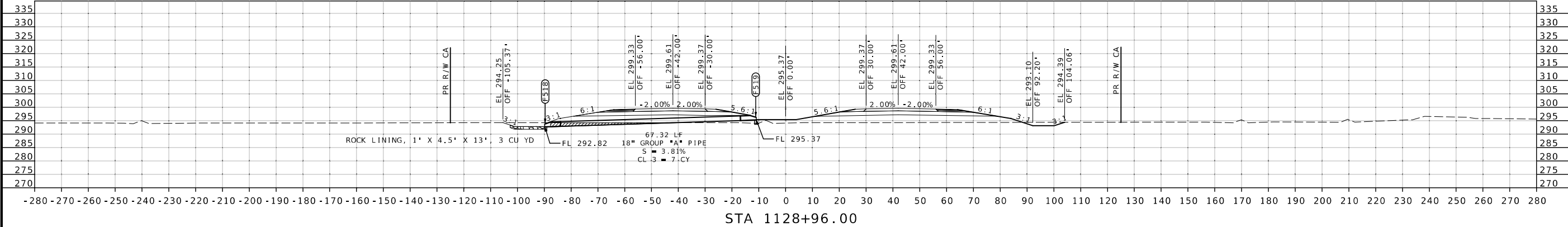
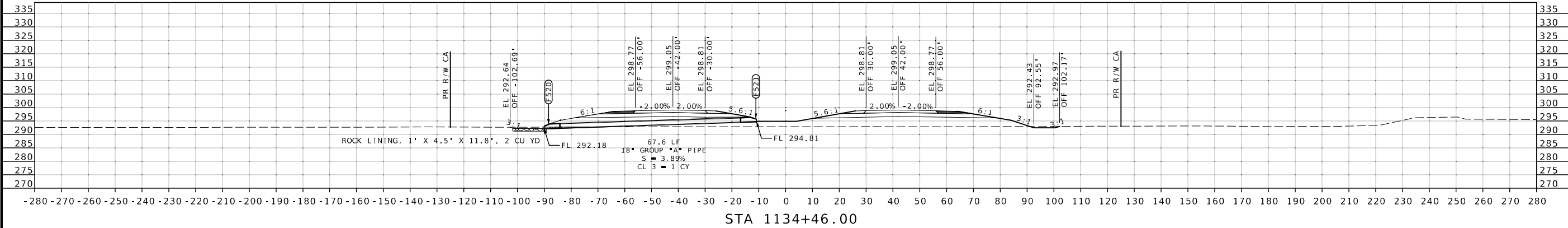
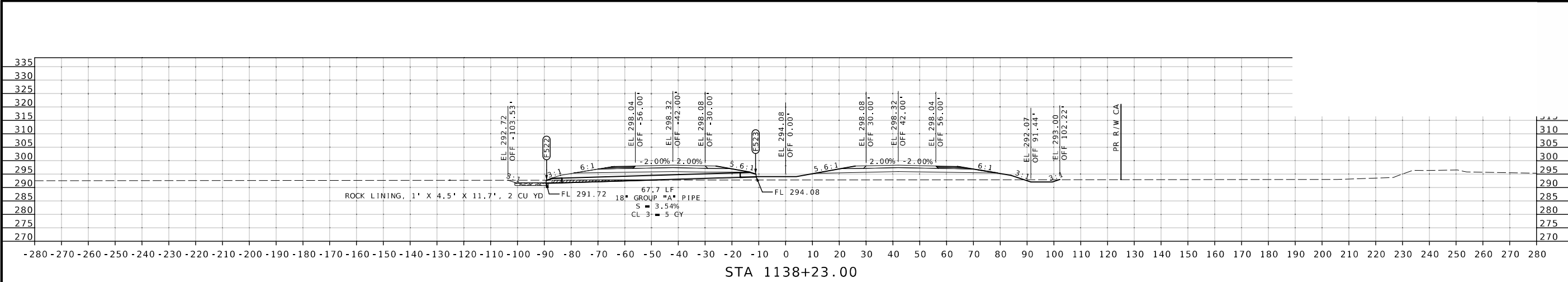
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ROUTE 67  
CULVERT SECTIONS  
4 OF 8







ROUTE 67  
CULVERT SECTIONS  
6 OF 8

STATE OF MISSOURI  
ERIC KRAFFT  
E-30103  
REGISTERED PROFESSIONAL ENGINEER

|                            |                  |
|----------------------------|------------------|
| DATE PREPARED<br>2/27/2026 |                  |
| ROUTE<br>67                | STATE<br>MO      |
| DISTRICT<br>SE             | SHEET NO.<br>124 |
| COUNTY<br>BUTLER           |                  |
| JOB NO.<br>JST0062         |                  |
| CONTRACT ID.               |                  |
| PROJECT NO.                |                  |
| BRIDGE NO.                 |                  |

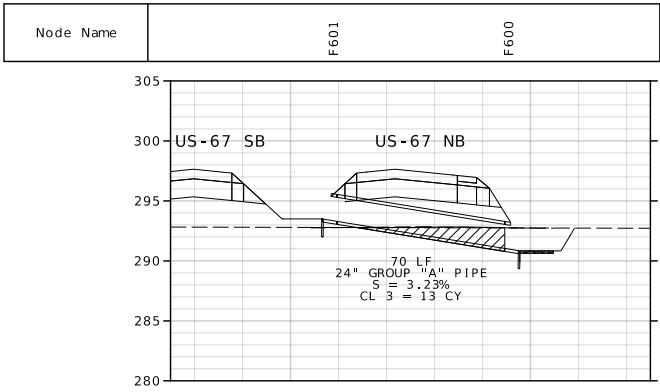
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

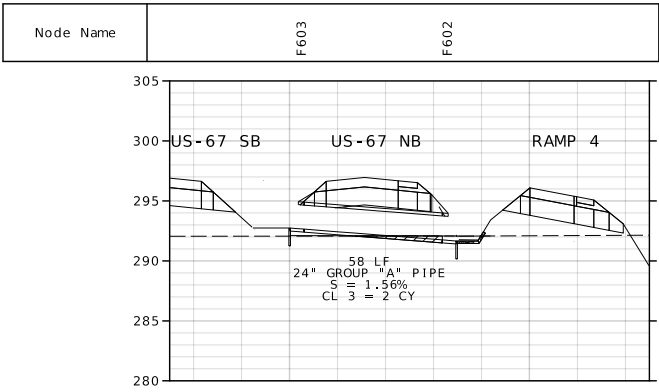
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

Cape Girardeau, MO Office  
3437 William St. Cape Girardeau, MO 63701  
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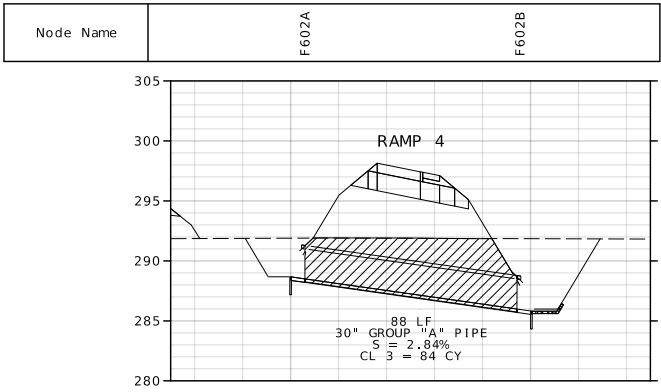
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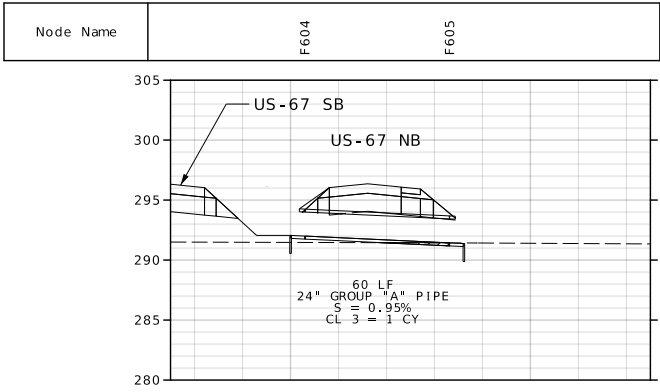
|                  |                                     |                                     |
|------------------|-------------------------------------|-------------------------------------|
| Structure Type   | 24" FES                             | 24" FES                             |
| Station & Offset | STA. 1148+80.00<br>17.72' LT RTE 67 | STA. 1144+80.00<br>87.74' LT RTE 67 |
| Invert Elev.     | 293.30                              | 291.04                              |



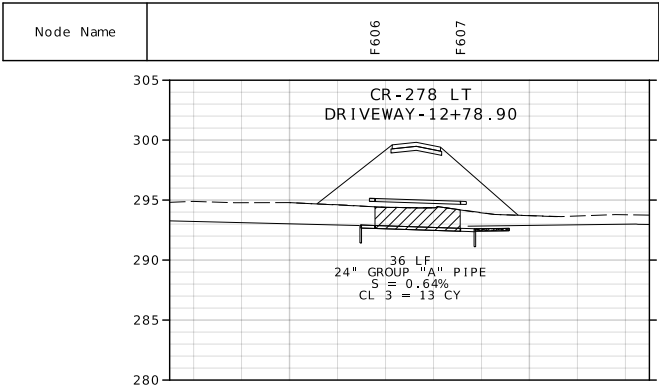
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|------------------|-------------------------------------|-------------------------------------|
| Structure Type   | 24" FES                             | 24" FES                             |
| Station & Offset | STA. 1152+10.00<br>16.73' LT RTE 67 | STA. 1152+10.00<br>74.43' LT RTE 67 |
| Invert Elev.     | 292.65                              | 291.75                              |



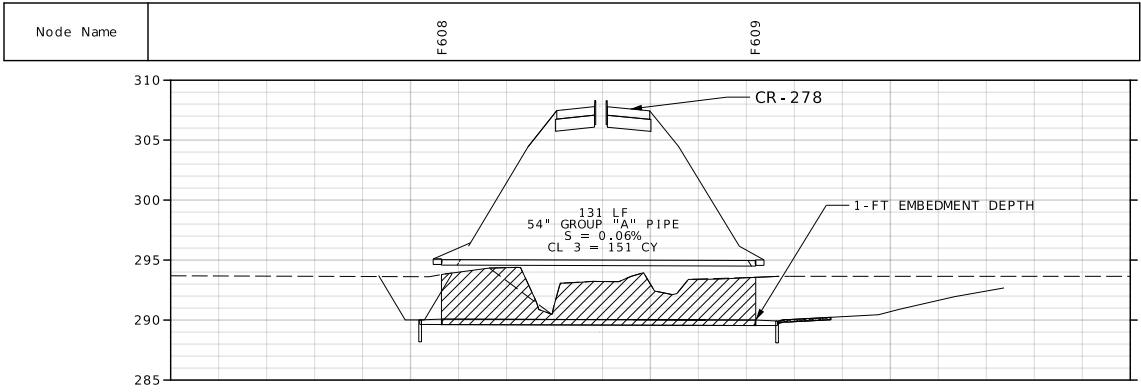
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|------------------|----------------------------------|----------------------------------|
| Structure Type   | 30" FES                          | 30" FES                          |
| Station & Offset | STA. 7+75.01<br>48.17' RT RAMP 4 | STA. 7+75.06<br>40.33' LT RAMP 4 |
| Invert Elev.     | 288.50                           | 285.99                           |



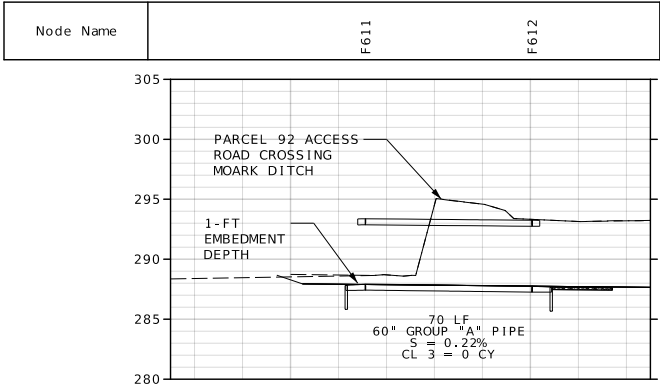
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|------------------|-------------------------------------|-------------------------------------|
| Structure Type   | 24" FES                             | 24" FES                             |
| Station & Offset | STA. 1158+50.00<br>15.89' LT RTE 67 | STA. 1158+50.00<br>76.10' LT RTE 67 |
| Invert Elev.     | 292.00                              | 291.43                              |



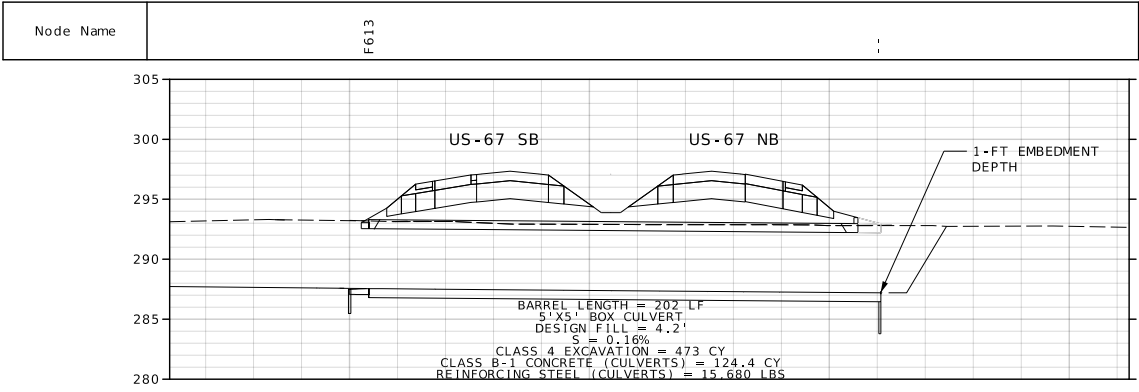
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|------------------|-----------------------------------|-----------------------------------|
| Structure Type   | 24" FES                           | 24" FES                           |
| Station & Offset | STA. 12+61.11<br>45.61' LT CR-278 | STA. 12+96.45<br>50.52' LT CR-278 |
| Invert Elev.     | 292.88                            | 292.65                            |



|                  |                                   |                                   |
|------------------|-----------------------------------|-----------------------------------|
| Structure Type   | 54" FES                           | 54" FES                           |
| Station & Offset | STA. 14+50.00<br>65.92' RT CR-278 | STA. 14+50.00<br>65.05' LT CR-278 |
| Invert Elev.     | 290.08                            | 290.00                            |



|                  |                                   |                                   |
|------------------|-----------------------------------|-----------------------------------|
| Structure Type   | 60" FES                           | 60" FES                           |
| Station & Offset | STA. 2+03.03<br>199.99' RT RAMP 1 | STA. 2+02.64<br>130.38' RT RAMP 1 |
| Invert Elev.     | 287.90                            | 287.75                            |



|                  |                                      |                                      |
|------------------|--------------------------------------|--------------------------------------|
| Structure Type   | FLARED WING WALL                     | --                                   |
| Station & Offset | STA. 1148+03.50<br>100.92' RT RTE 67 | STA. 1148+03.50<br>112.61' LT RTE 67 |
| Invert Elev.     | 287.55                               | 287.20                               |

#### Box Culvert Notes:

Design Specifications:  
2010 AASHTO LRFD Bridge Design Specifications and 2010 Interim Revisions

Design Loadings:  
Vehicular = HL-93 minus lane load, Earth = 120 lb/cf  
Equivalent Fluid Pressure = 30 lb/cf (min.), 60 lb/cf (max.)

Design Unit Stress:  
Class B-1 Concrete (Box Culvert) f'c = 4,000 psi  
Reinforcing Steel (Grade 60) fy = 60,000 psi

Standard Plans:  
703.11, 703.16, 703.17, 703.37

Miscellaneous:  
MoDOT Construction personnel will indicate the type of box culvert constructed:  
☐ Precast Concrete Box used  
☐ Cast-in-Place Concrete Box used

When alternate precast concrete box sections are used, the minimum distance from inside face of headwalls to precast sections measured along the shortest wall shall be 3 feet. Reinforcement and dimensions for wings and headwalls shall be in accordance with Missouri Standard Plans.

Channel bottom shall be graded within the right of way for transition of channel bed to culvert openings. Channel banks shall be tapered to match culvert openings.

Structure to be closed during construction. Traffic to be maintained on other routes during construction. See roadway plans for traffic control.

ROUTE 67  
CULVERT SECTIONS  
7 OF 8

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7/22/2026

ROUTE 67 STATE MO

DISTRICT BR SHEET NO. 125

COUNTY BUTLER

JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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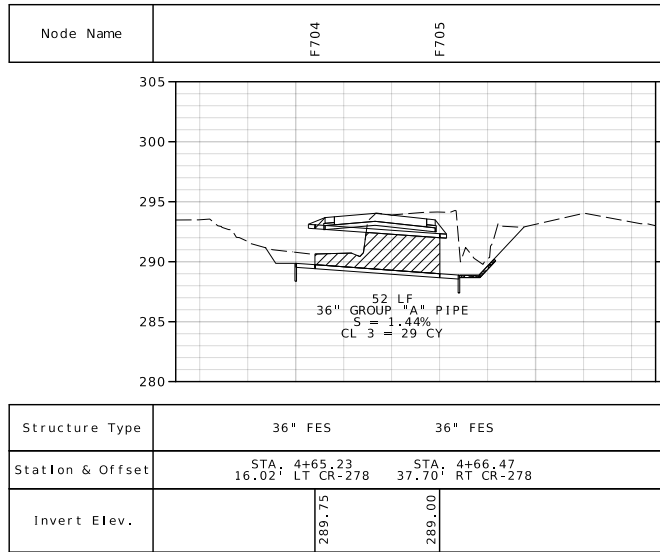
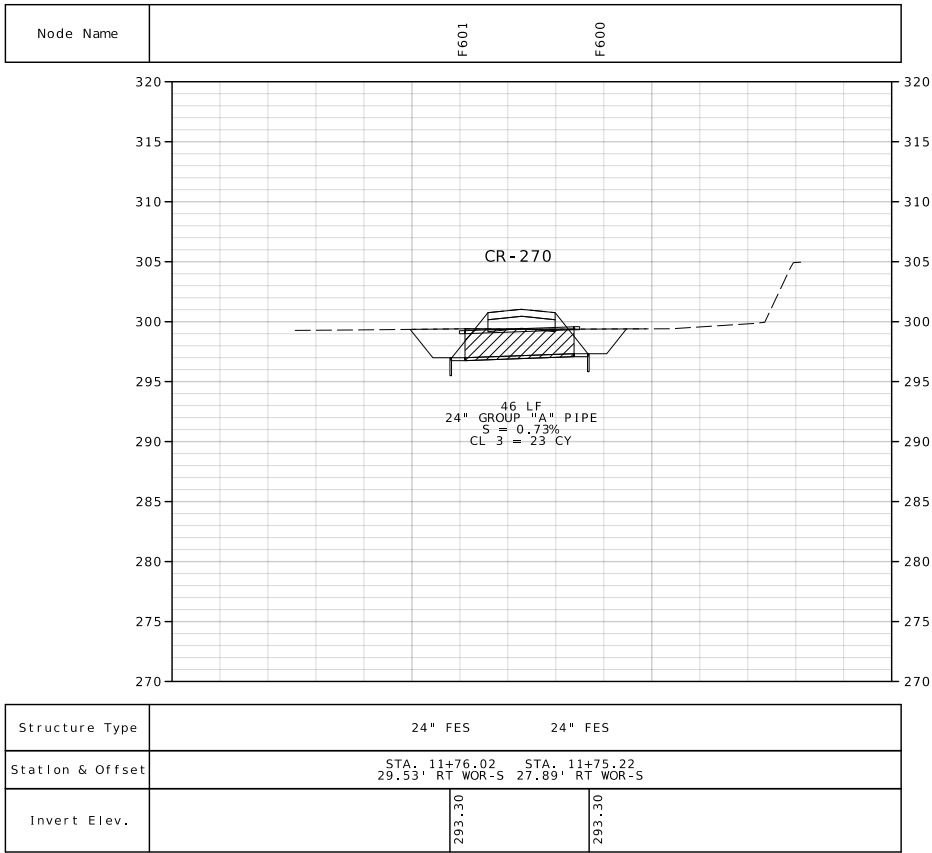
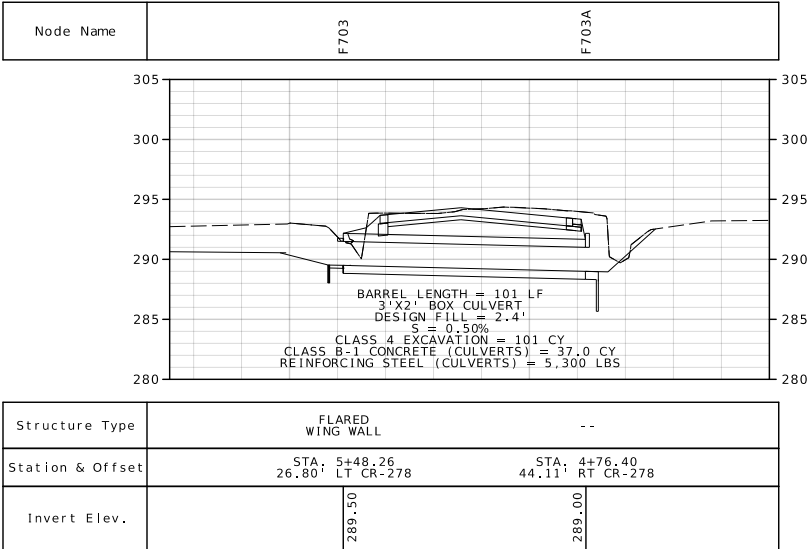
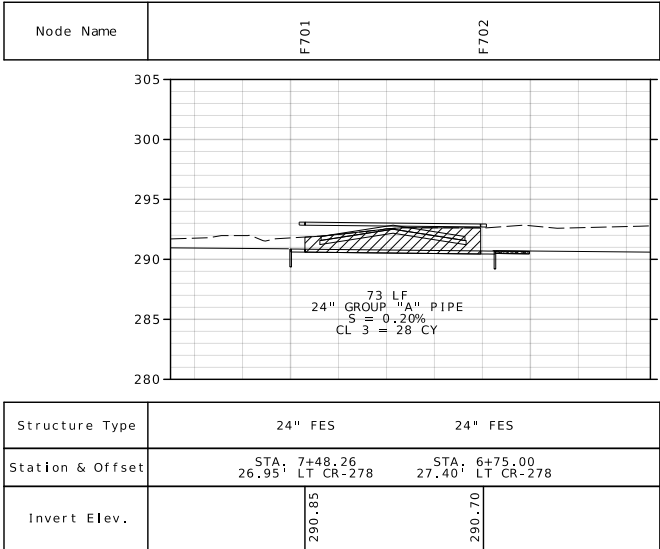
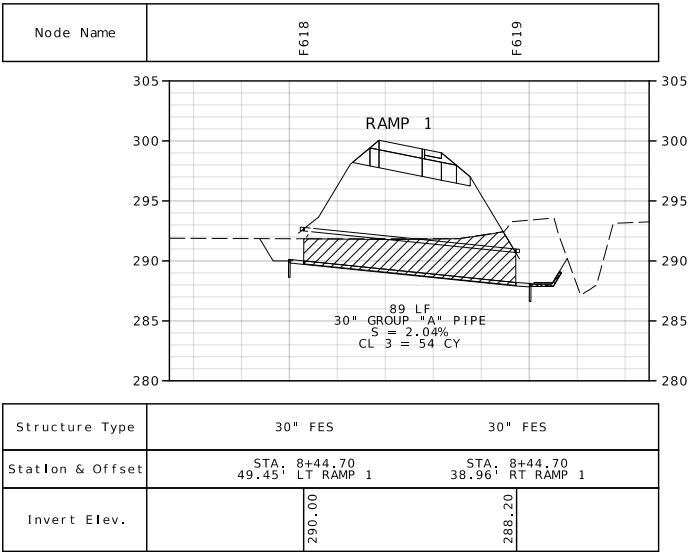
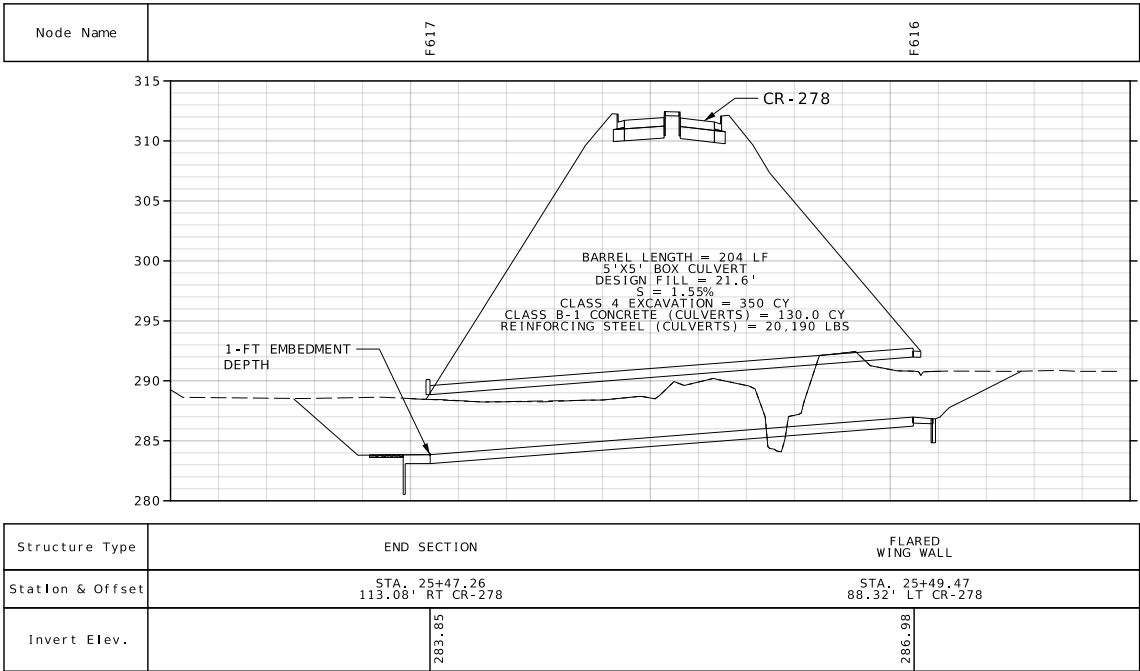
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28



Box Culvert Notes:

Design Specifications:  
2010 AASHTO LRFD Bridge Design Specifications and 2010 Interim \  
Revisions

Design Loadings:  
Vehicular = HL-93 minus lane load, Earth = 120 lb/cf  
Equivalent Fluid Pressure = 30 lb/cf (min.), 60 lb/cf (max.)

Design Unit Stress:  
Class B-1 Concrete (Box Culvert) f'c = 4,000 psi  
Reinforcing Steel (Grade 60) fy = 60,000 psi

Standard Plans:  
703.11, 703.16, 703.17, 703.37

Miscellaneous:  
MoDOT Construction personnel will indicate the type of box culvert constructed:  
☐ Precast Concrete Box used  
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Channel bottom shall be graded within the right of way for transition of channel bed to culvert openings. Channel banks shall be tapered to match culvert openings.

Structure to be closed during construction. Traffic to be maintained on other routes during construction. See roadway plans for traffic control.

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ROUTE 67 STATE MO

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ROUTE 67

CULVERT SECTIONS

8 OF 8



General Notes:

Design Specifications:

2020 AASHTO LRFD Bridge Design Specifications (9th Ed.)  
2023 AASHTO Guide Specifications for LRFD Seismic Bridge Design (3rd Ed.)  
Seismic Design Category = C (Seismic Details)  
Design earthquake response spectral acceleration coefficient at 1.0 second period, SD1 = 0.449g  
Acceleration Coefficient (effective peak ground acceleration coefficient), As = 0.422g

Design Loading:

Vehicular = HL-93  
Future Wearing Surface = 35 lb/sf  
Earth = 120 lb/cf  
Equivalent Fluid Pressure = 45 lb/cf (Min.)  
Superstructure: Simply-Supported, Non-Composite for dead load.  
Continuous Composite for live load.

Design Unit Stresses:

Class B Concrete (Substructure) f'c = 3,000 psi  
Class B-2 Concrete (Superstructure, except Prestressed Girders and Barrier) f'c = 4,000 psi  
Class B-1 Concrete (Barrier) f'c = 4,000 psi  
Reinforcing Steel (ASTM A706 Grade 60) fy = 60,000 psi  
Welded or Seamless steel shell (pipe) for CIP pile fy = 50,000 psi (ASTM A252 Modified Grade 3)

For prestressed girder stresses, see Sheets No. 13 and 14.

Neoprene Pads:

Neoprene bearing pads shall be 60 durometer and shall be in accordance with Sec 716.

Joint Filler:

All joint filler shall be in accordance with Sec 1057 for preformed sponge rubber expansion and partition joint filler, except as noted.

Reinforcing Steel:

Minimum clearance to reinforcing steel shall be 1 1/2", unless otherwise shown.

Minimum clearance between galvanized piles and uncoated (plain) reinforcing steel including bar supports shall be 1 1/2". Nylon, PVC, or polyethylene spacers shall be used to maintain clearance. Nylon cable ties shall be used to bind the spacers to the reinforcement.

Traffic Handling:

Structure to be closed during construction. Traffic to be maintained on other routes during construction. See roadway plans for traffic control.

| Estimated Quantities for Slab on Concrete NU-Girder |          |         |
|-----------------------------------------------------|----------|---------|
| Item                                                |          | Total   |
| Class B-2 Concrete                                  | cu. yard | 325     |
| Reinforcing Steel (Epoxy Coated)                    | pound    | 101,290 |

The table of Estimated Quantities for Slab on Concrete NU-Girder represents the quantities used by the State in preparing the cost estimate for concrete slabs. The area of the concrete slab will be measured to the nearest square yard longitudinally from end of slab to end of slab and transversely from out to out of bridge slab (or with the horizontal dimensions as shown on the plan of slab). Payment for stay-in-place corrugated steel forms, conventional forms, all concrete and epoxy coated reinforcing steel will be considered completely covered by the contract unit price for the slab. Variations may be encountered in the estimated quantities but the variations cannot be used for an adjustment in the contract unit price.

Method of forming the slab shall be shown on the plans and in accordance with Sec 703. All hardware for forming the slab to be left in place as a permanent part of the structure shall be coated in accordance with ASTM A123 or ASTM B633 with a thickness class SC 4 and a finish type I, II or III.

Slab shall be cast-in-place with conventional forms or stay-in-place corrugated steel forms. Precast prestressed panels will not be permitted.

| Estimated Quantities                                  |             |         |           |        |
|-------------------------------------------------------|-------------|---------|-----------|--------|
| Item                                                  |             | Substr. | Superstr. | Total  |
| Class 1 Excavation                                    | cu. yard    | 195     | -         | 195    |
| Bridge Approach Slab (Minor)                          | sq. yard    | -       | 144       | 144    |
| Galvanized Cast-In-Place Concrete Piles (16 in.)      | linear foot | 2,247   | -         | 2,247  |
| Dynamic Pile Testing                                  | each        | 3       | -         | 3      |
| Class B Concrete (Substructure)                       | cu. yard    | 162.3   | -         | 162.3  |
| Type D Barrier                                        | linear foot | -       | 559       | 559    |
| Slab on Concrete NU-Girder                            | sq. yard    | -       | 951       | 951    |
| Form Liners                                           | sq. yard    | -       | 151       | 151    |
| Textured Coating Finish                               | sq. yard    | 129     | 1001      | 1130   |
| NU 63, Prestressed Concrete NU-Girder                 | linear foot | -       | 977       | 977    |
| Reinforcing Steel (Bridges)                           | pound       | 30,080  | -         | 30,080 |
| Conduit System on Structure                           | lump sum    | -       | 1         | 1      |
| Steel Intermediate Diaphragm for P/S Concrete Girders | each        | -       | 12        | 12     |
| Vertical Drain at End Bents                           | each        | 2       | -         | 2      |
| Laminated Neoprene Bearing Pad                        | each        | -       | 16        | 16     |
|                                                       |             |         |           |        |
|                                                       |             |         |           |        |
|                                                       |             |         |           |        |
|                                                       |             |         |           |        |

All concrete above the construction joint in the end bents is included in the Estimated Quantities for Slab on Concrete NU-Girder.

All reinforcement in the end bents and all reinforcement in cast-in-place pile at end bents is included in the Estimated Quantities for Slab on Concrete NU-Girder.

All reinforcement in the intermediate bent concrete diaphragms except reinforcement embedded in the beam cap is included in the Estimated Quantities for Slab on Concrete NU-Girder.

All concrete above the intermediate beam cap is included in the Estimated Quantities for Slab on Concrete NU-Girder.

| Foundation Data   |                                              |             |             |           |
|-------------------|----------------------------------------------|-------------|-------------|-----------|
| Type              | Design Data                                  | Bent Number |             |           |
|                   |                                              | 1           | 2           | 3         |
| Load Bearing Pile | Pile Type and Size                           | CECIP 16"   | CECIP 16"   | CECIP 16" |
|                   | Number                                       | ea 9        | 33          | 9         |
|                   | Approximate Length Per Each                  | ft 57       | 37          | 57        |
|                   | Pile Point Reinforcement                     | ea -        | -           | -         |
|                   | Min. Galvanized Penetration (Elev.)          | ft 289      | Full length | 289       |
|                   | Min. Tip Penetration (Elev.)                 | ft 255      | 255         | 255       |
|                   | Criteria for Min. Tip Penetration            | *           | *           | *         |
|                   | Pile Driving Verification Method             | DT          | DT          | DT        |
|                   | Resistance Factor                            | 0.65        | 0.65        | 0.65      |
|                   | Minimum Nominal Axial Compressive Resistance | kip 248     | 214         | 248       |

Load Bearing Piles:

Minimum Nominal Axial Compressive Resistance = Maximum Factored Loads/Resistance Factor

DT = Dynamic Testing

CECIP = Closed Ended Cast-In-Place concrete pile

All piles shall be galvanized down to the minimum galvanized penetration (elevation).

The contractor shall make every effort to achieve the minimum galvanized penetration (elevation) shown on the plans for all piles. Deviations in penetration less than 5 feet of the minimum will be considered acceptable provided the contractor makes the necessary corrections to ensure the minimum penetration is achieved on subsequent piles.

\* Penetrate Liquefiable Soils

ESTIMATED QUANTITIES AND GENERAL NOTES

Detailed Dec. 2025  
Checked Dec. 2025

Note: This drawing is not to scale. Follow dimensions.

Sheet No. 2 of 38



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MO PE-2006002824

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ROUTE 67 STATE MO

DISTRICT BR SHEET NO. 2

COUNTY BUTLER

JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO. A9597

| DESCRIPTION | DATE |
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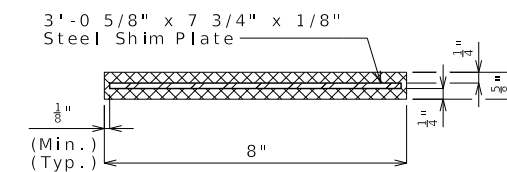
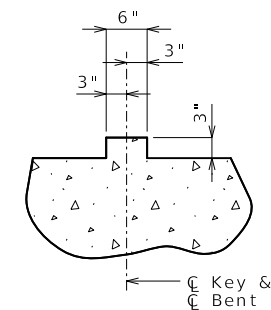
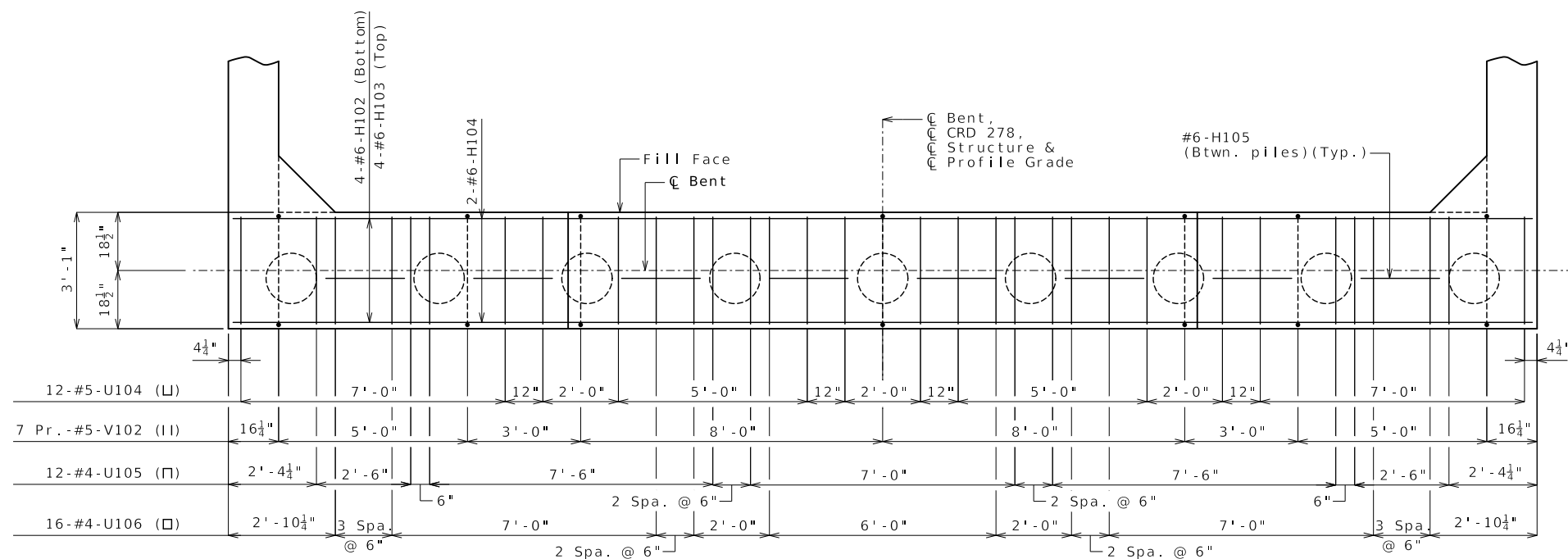
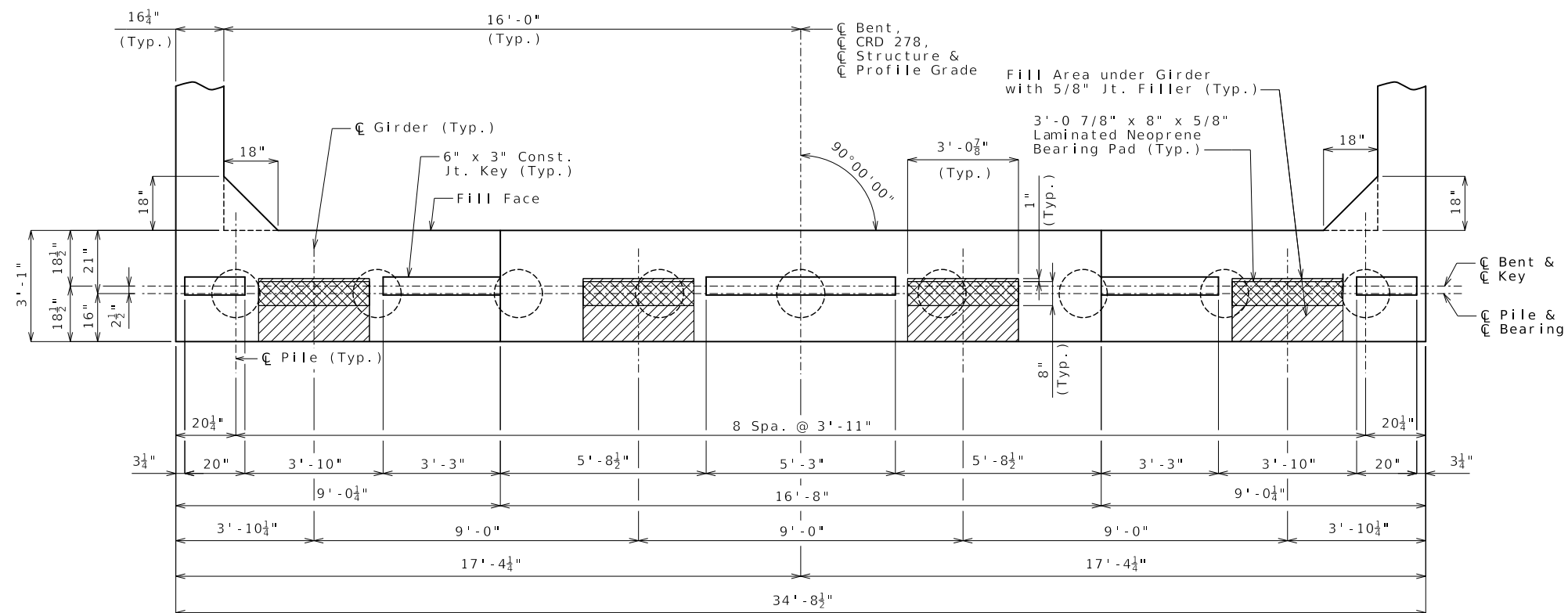
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General Notes:

For details of End Bent No. 1 not shown, see Sheets No. 5 & 6.

Reinforcing steel shall be shifted to clear piles, U bars shall clear piles by at least 1 1/2 inches.



*[Signature]*

07/30/2026 11:37:25 AM  
leebue D. Jelliff

MO PE-2006002824

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7-1-2000

7 / 30 / 2026

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| COUNTY |   |

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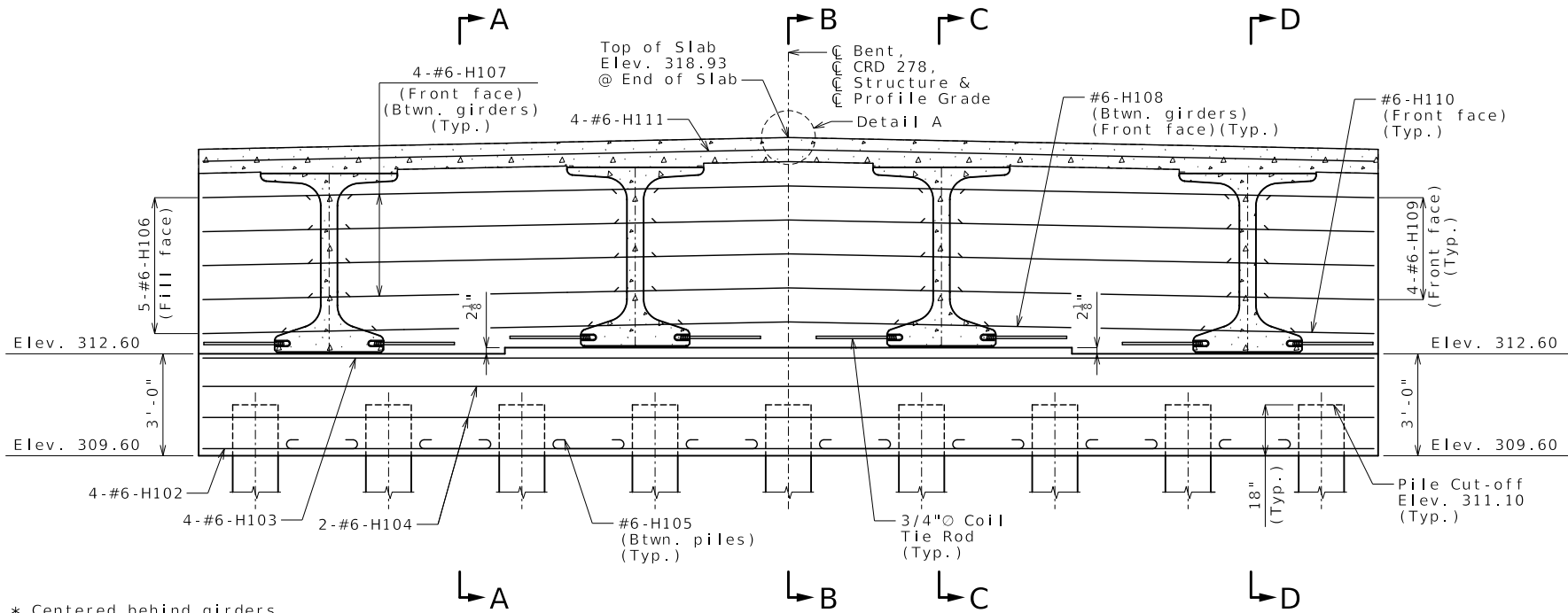
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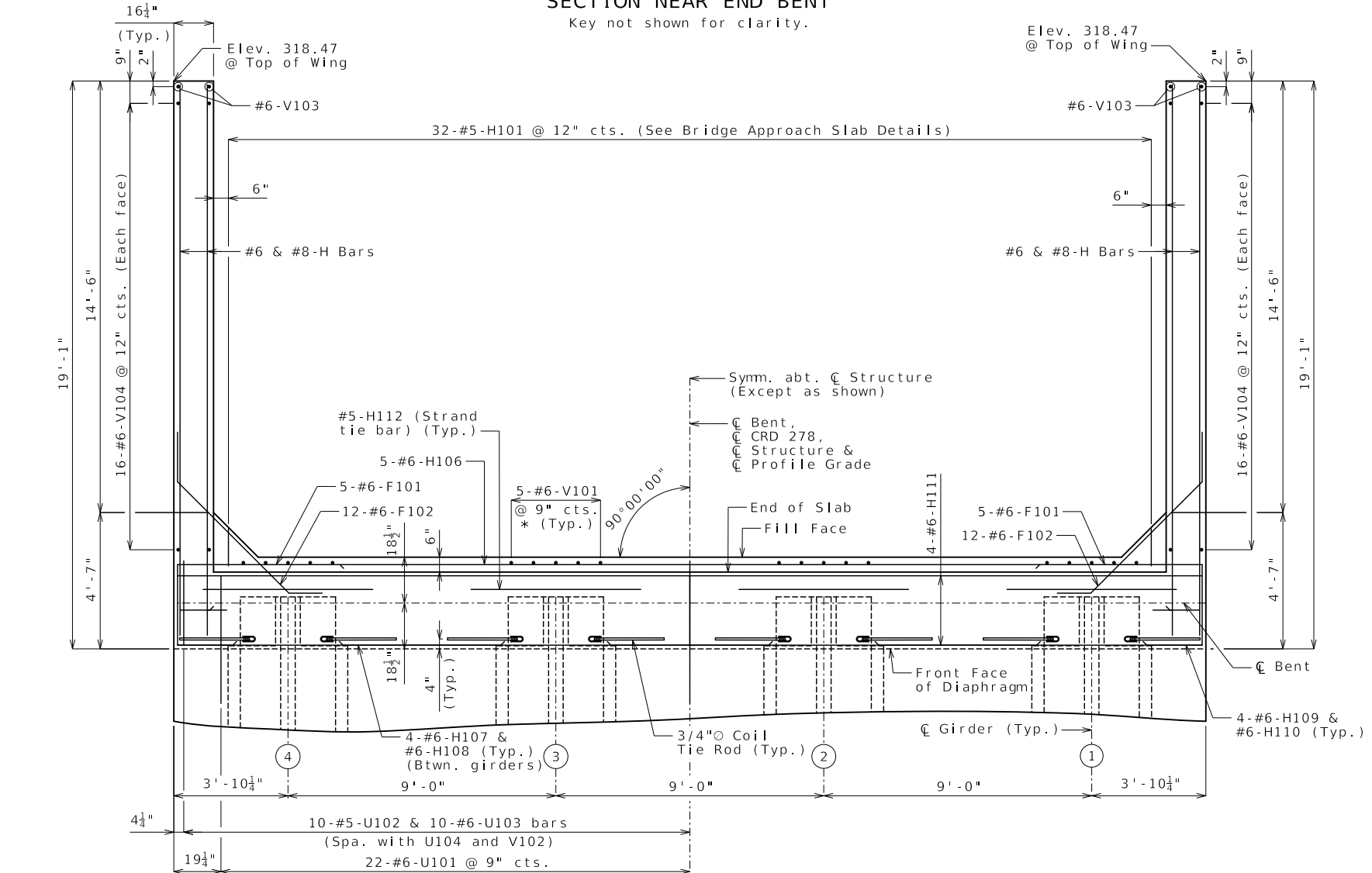
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SECTION NEAR END BENT  
Key not shown for clarity.



PART PLAN DETAILS OF END BENT NO. 1

### General Notes:

For details of End Bent No. 1 not shown, see Sheets No. 4 and 6.

For Sections A-A, B-B, C-C, & D-D, see Sheet No. 6.

For Typical Elevation of Wings, see Sheet No. 6.

All concrete in the end bent above top of beam and below top of slab shall be Class B-2.

For location of Coil Tie Rods and #5-H112 (Strand Tie Bar), see Sheets No. 13 & 14.

For details of Vertical Drain at End Bents, see Sheet No. 7.

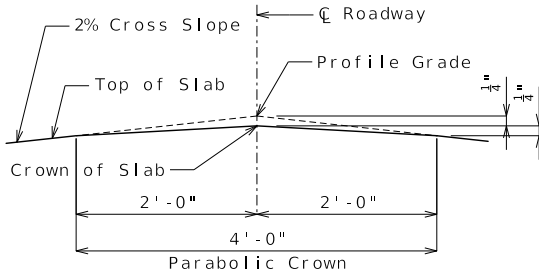
The #6-F102 bars shall be bent in the field to clear girders.

Strands at end of girders shall be field bent or, if necessary, cut in field to maintain 1 1/2-inch minimum clearance to fill face of end bent.

For details of Bridge Approach Slab, see Sheet No. 25.

| Substructure Quantity Table for Bent No. 1       |             |          |
|--------------------------------------------------|-------------|----------|
| Item                                             |             | Quantity |
| Galvanized Cast-In-Place Concrete Piles (16 in.) | linear foot | 513      |
| Dynamic Pile Testing                             | each        | 1        |
| Class B Concrete (Substructure)                  | cu. yard    | 17.4     |

These quantities are included in the Estimated Quantities table on Sheet No. 2.



DETAIL A



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ROUTE 67 STATE MO

DISTRICT BR SHEET NO. 5

COUNTY BUTLER

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CONTRACT ID.

PROJECT NO.

BRIDGE NO. A9597

DESCRIPTION

DATE

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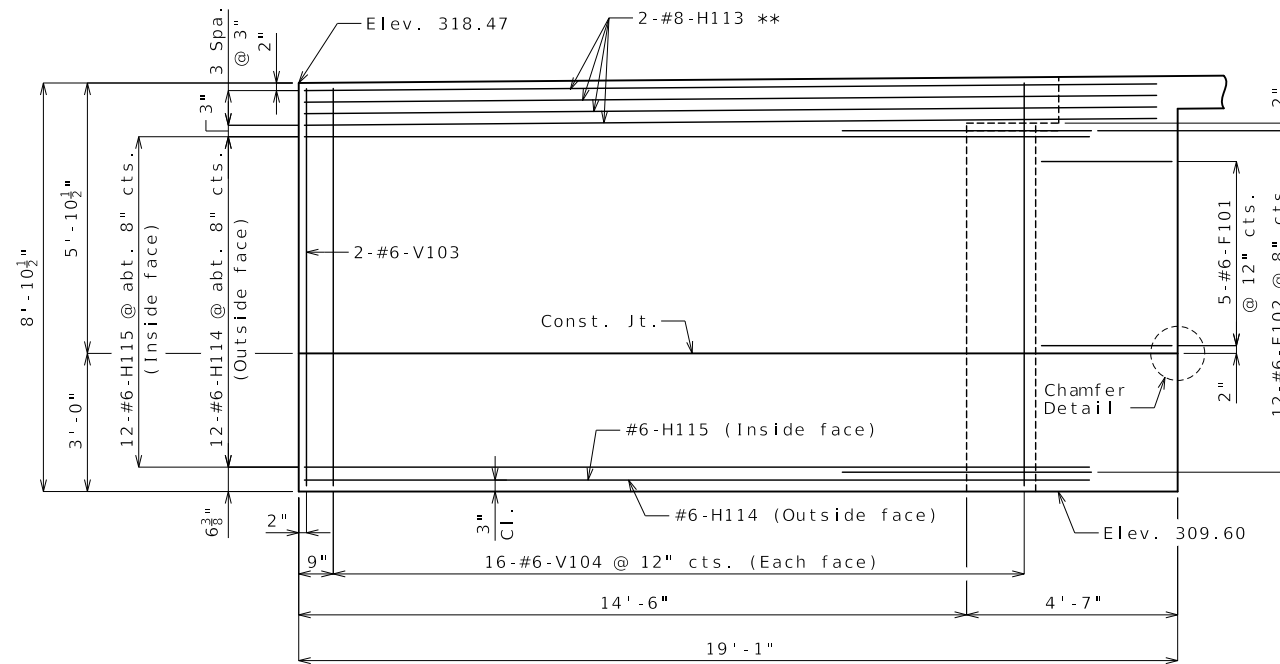
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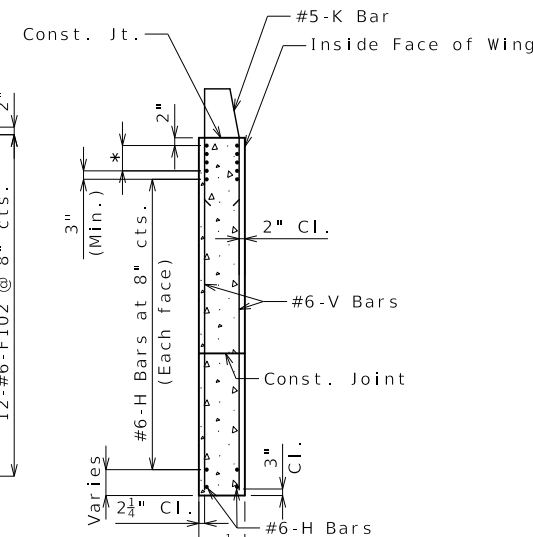
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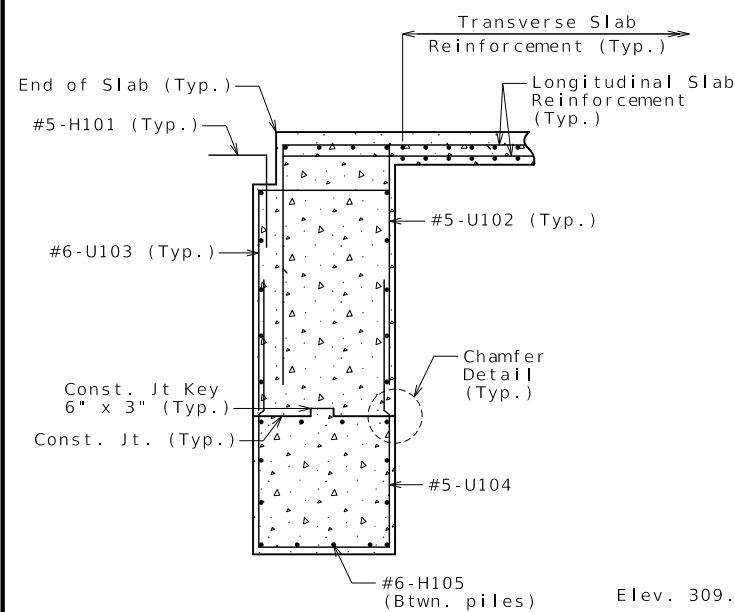
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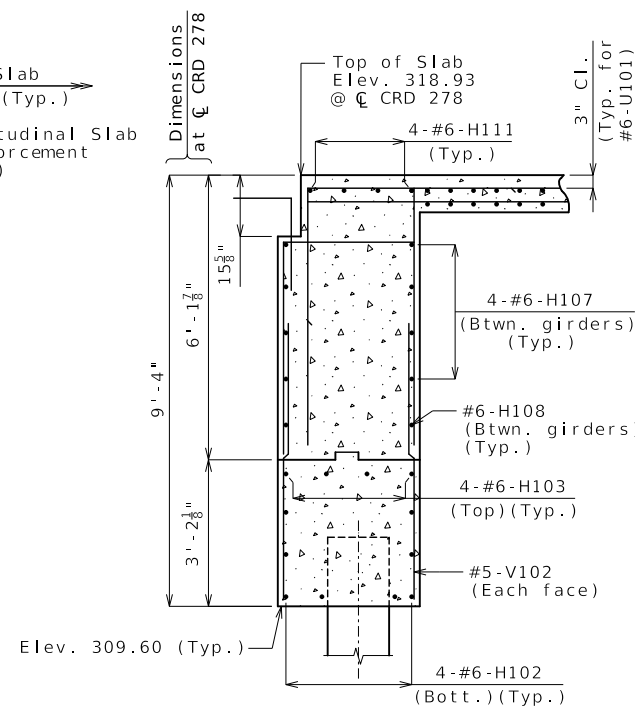
TYPICAL ELEVATION OF WING  
\*\* (Place with grade)



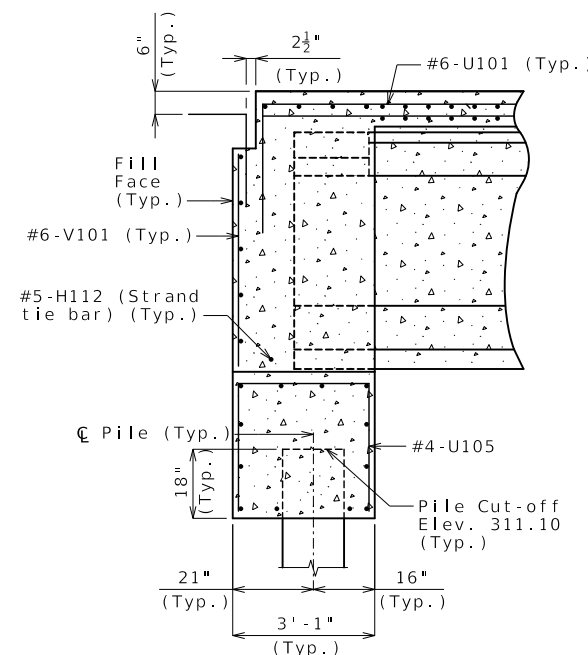
TYPICAL SECTION  
THRU WING  
\* #8-H Bars at 3" cts.  
(Each face) (Place with grade)



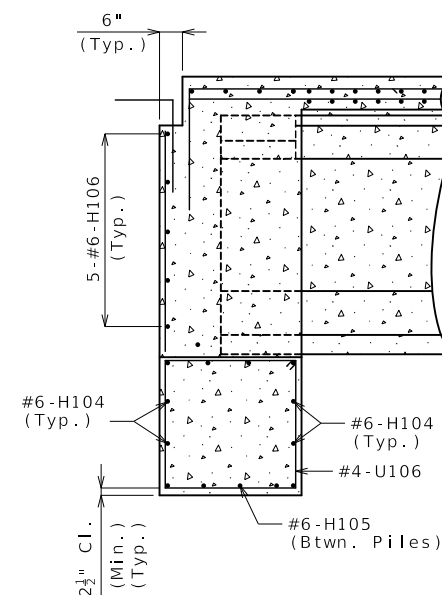
SECTION A-A



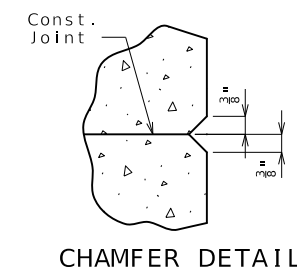
SECTION B-B



SECTION C-C



SECTION D-D



CHAMFER DETAIL

### General Notes:

- For details of End Bent No. 1 not shown, see Sheets No. 4 and 5.
- For details and reinforcement of Type D Barrier, see Sheets No. 21 and 22.
- For location of Sections A-A, B-B, C-C, & D-D, see Sheet No. 5.
- For Conduit details, see Sheet No. 23.

## DETAILS OF END BENT NO. 1

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Sheet No. 6 of 38

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ROUTE 67 STATE MO

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PROJECT NO.

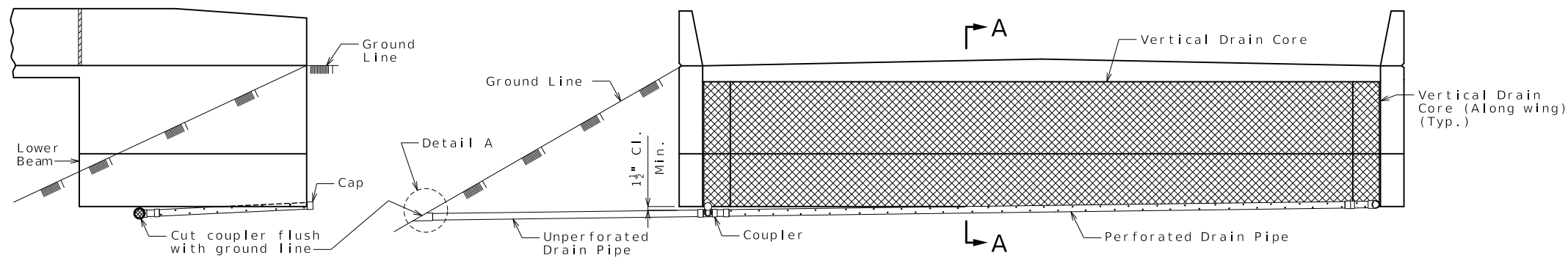
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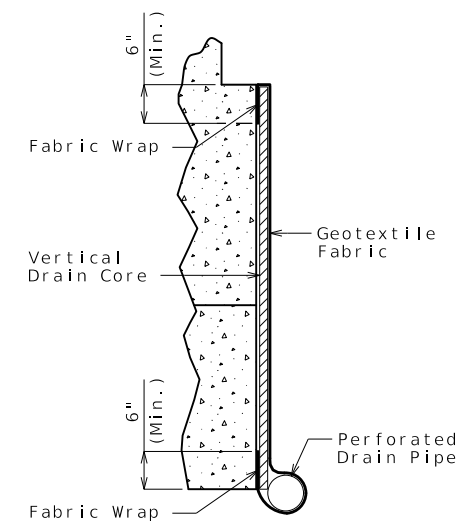
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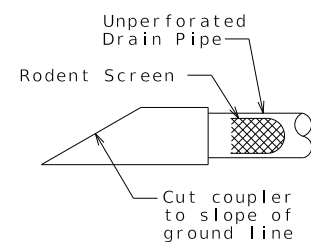


ELEVATION OF WING

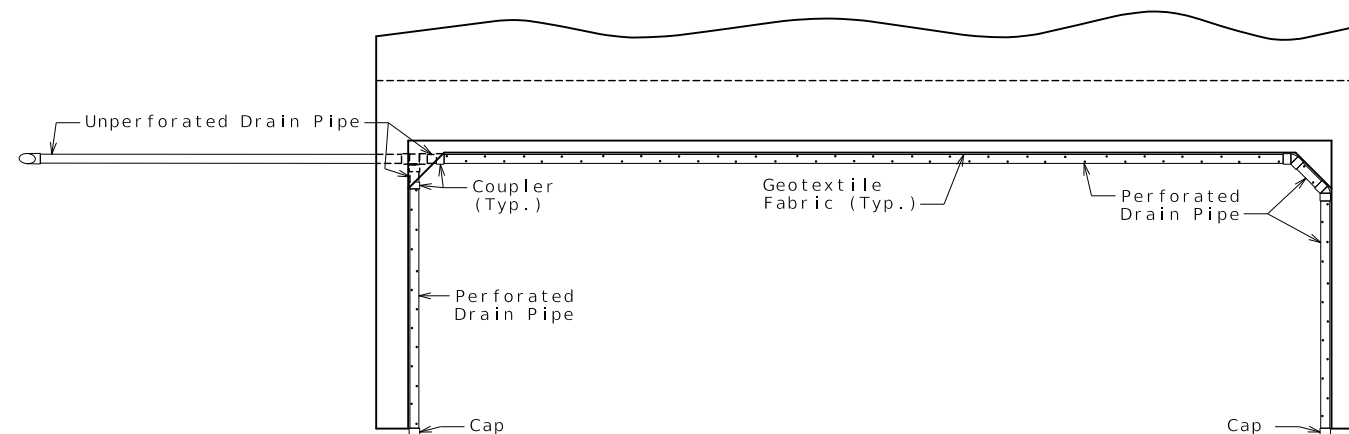
ELEVATION OF END BENT



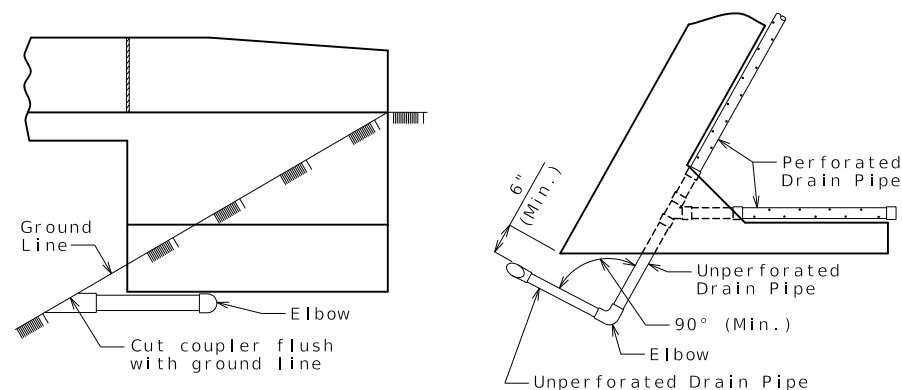
PART SECTION A-A  
(Section thru wing similar)



DETAIL A



PLAN OF END BENT



ELEVATION OF WING

PART PLAN

OPTIONAL TURNED DRAIN  
(Use only when straight drain is not practical.)

## VERTICAL DRAIN AT END BENTS

(Squared end bent shown, skewed end bent similar)

### General Notes:

All drain pipe shall be sloped 1 to 2 percent.

Drain pipe may be either 6-inch diameter corrugated metallic-coated steel pipe underdrain, 4-inch diameter corrugated polyvinyl chloride (PVC) drain pipe, or 4-inch diameter corrugated polyethylene (PE) drain pipe.

Drain pipe shall be placed at fill face of end bent and inside face of wings. The pipe shall slope to lowest grade of ground line, also missing the lower beam of end bent by a minimum of 1 1/2 inches.

Perforated pipe shall be placed at fill face side and inside face of wings at the bottom of end bent and plain pipe shall be used where the vertical drain ends to the exit at ground line.

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Sheet No. 7 of 38

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ROUTE 67 STATE MO

DISTRICT BR SHEET NO. 7

COUNTY BUTLER

JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO. A9597

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL JEFFERSON CITY, MO 65102

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

MoDOT

ENGINEERING CORPORATION - 000631

CMT

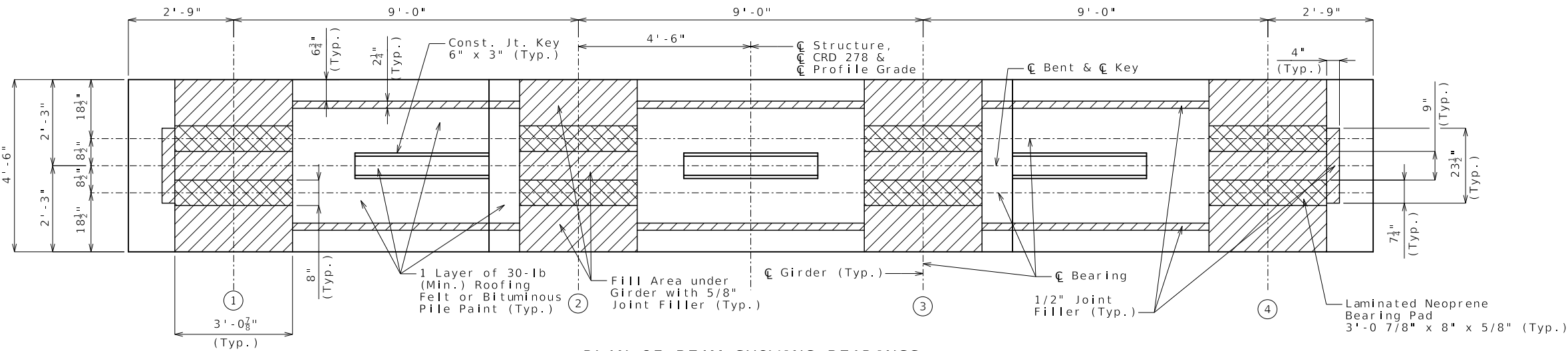
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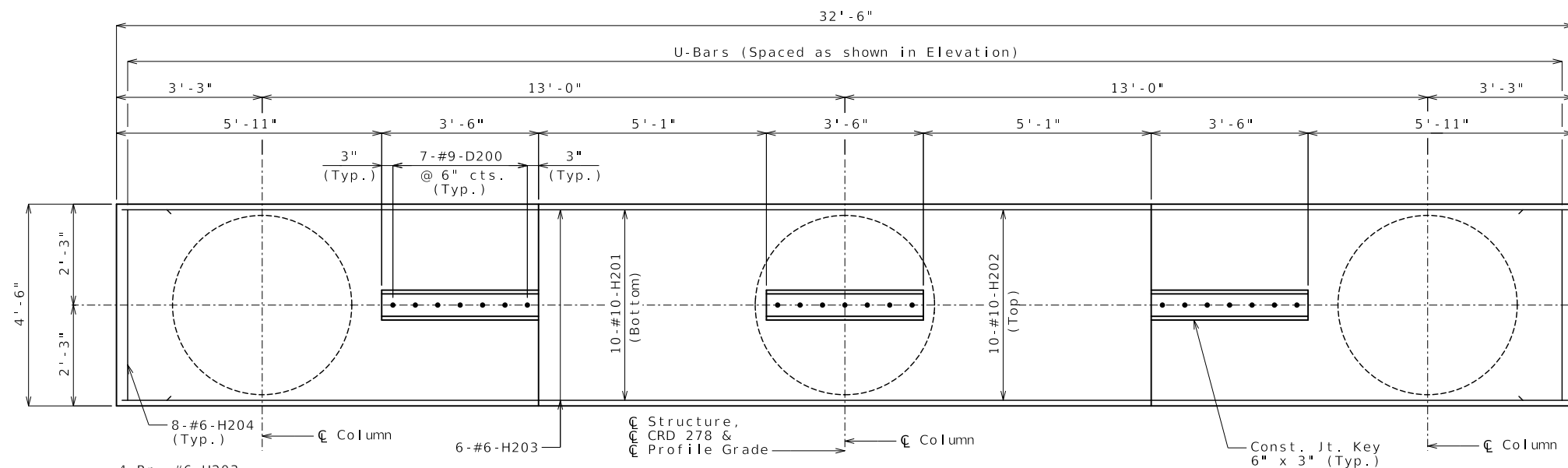
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ST. LOUIS, MO 63102 (314) 436-5500

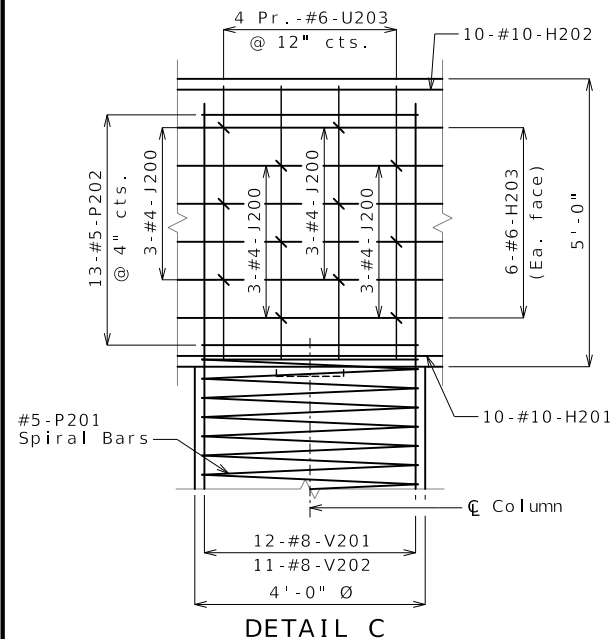




PLAN OF BEAM SHOWING BEARINGS  
Note: Columns and Footings not shown for clarity.



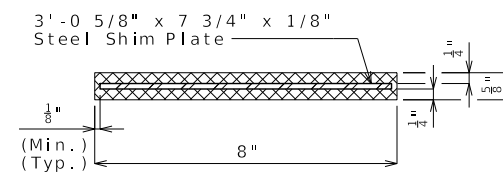
PLAN OF BEAM SHOWING REINFORCEMENT  
Note: Footings not shown for clarity.



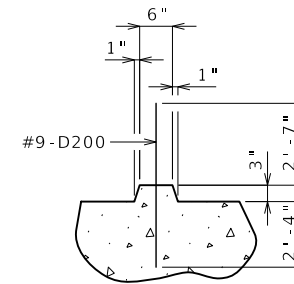
DETAIL C

| Substructure Quantity Table for Bent No. 2       |             |          |
|--------------------------------------------------|-------------|----------|
| Item                                             |             | Quantity |
| Class 1 Excavation                               | cu. yard    | 195      |
| Galvanized Cast-In-Place Concrete Piles (16 in.) | linear foot | 1,221    |
| Dynamic Pile Testing                             | each        | 1        |
| Class B Concrete (Substructure)                  | cu. yard    | 127.5    |
| Reinforcing Steel (Bridges)                      | pound       | 30,080   |

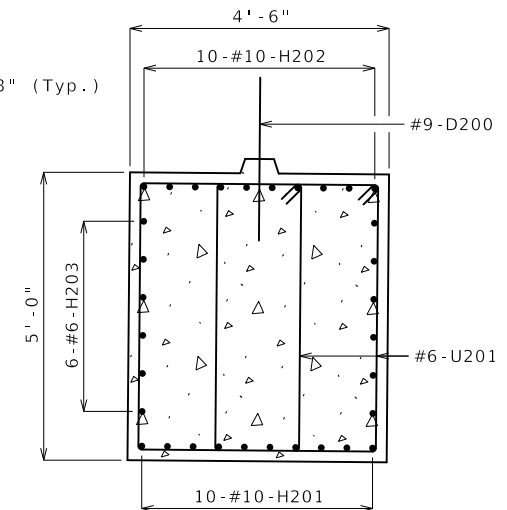
These quantities are included in the Estimated Quantities table on Sheet No. 2.



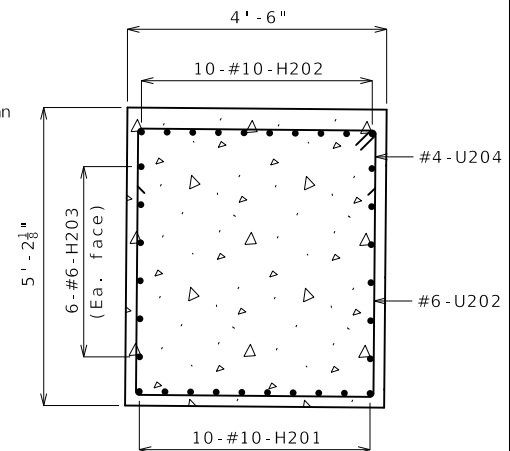
DETAIL OF LAMINATED NEOPRENE BEARING PAD



SECTION THRU KEY



SECTION A-A



SECTION C-C

General Notes:

For details of Intermediate Bent No. 2 not shown, see Sheet No. 8.

For location of Detail C and Sections A-A & C-C, see Sheet No. 8.

For details of intermediate bent diaphragm, see Sheet No. 16.

For steps 2 inches or more, use 2 1/4 x 1/2 inch joint filler up vertical face.

Detailed Dec. 2025  
Checked Dec. 2025

Note: This drawing is not to scale. Follow dimensions.

Sheet No. 9 of 38

pw://cmtengr-pw.bentley.com:cmt-connect-projects/Documents/MoDOT/US67 Freeway Conversion - Phase 3/040908/Structures/Sheets/A9597/Plan Sheet DGNs/B\_A9597\_009\_JST0062\_Int\_Bent\_2 11:23:13 AM 7/30/2026



07/30/2026 11:43:15 AM  
Joshua D. Joliff  
MO PE-2006002824

DATE PREPARED  
7/30/2026

ROUTE 67 STATE MO

DISTRICT BR SHEET NO. 9

COUNTY BUTLER

JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO. A9597

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

MoDOT

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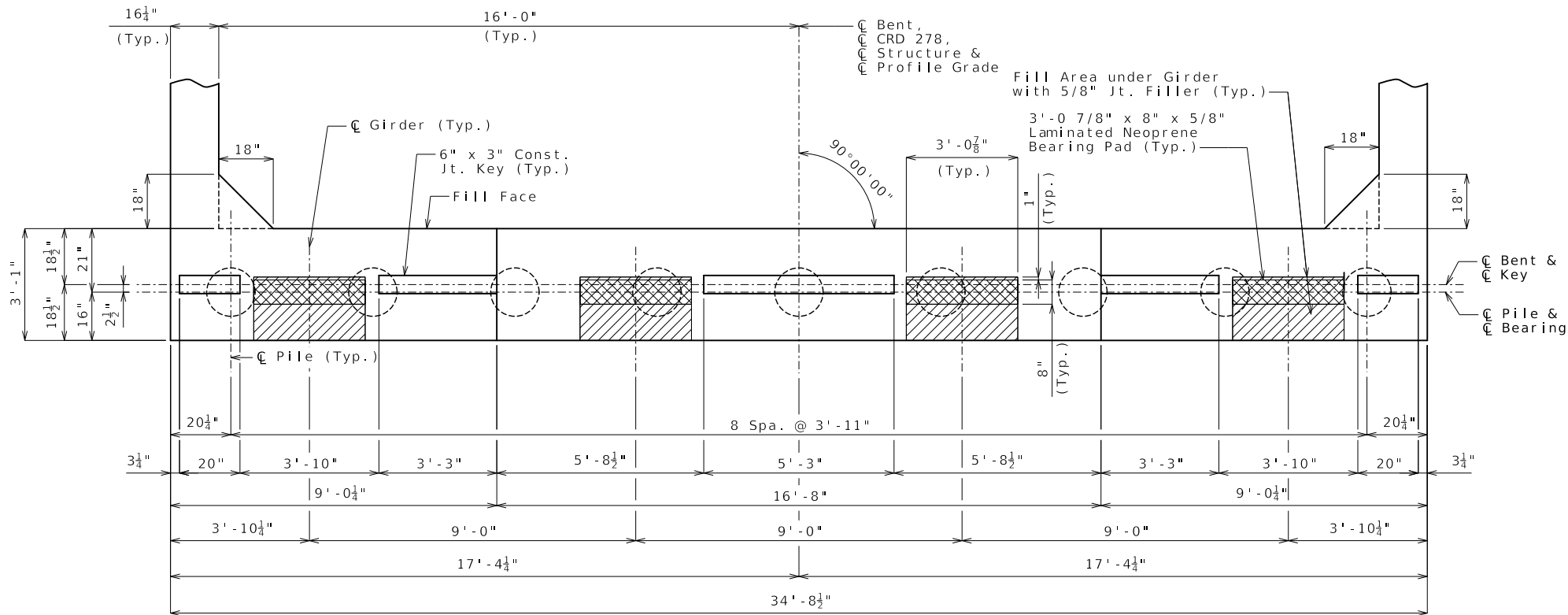
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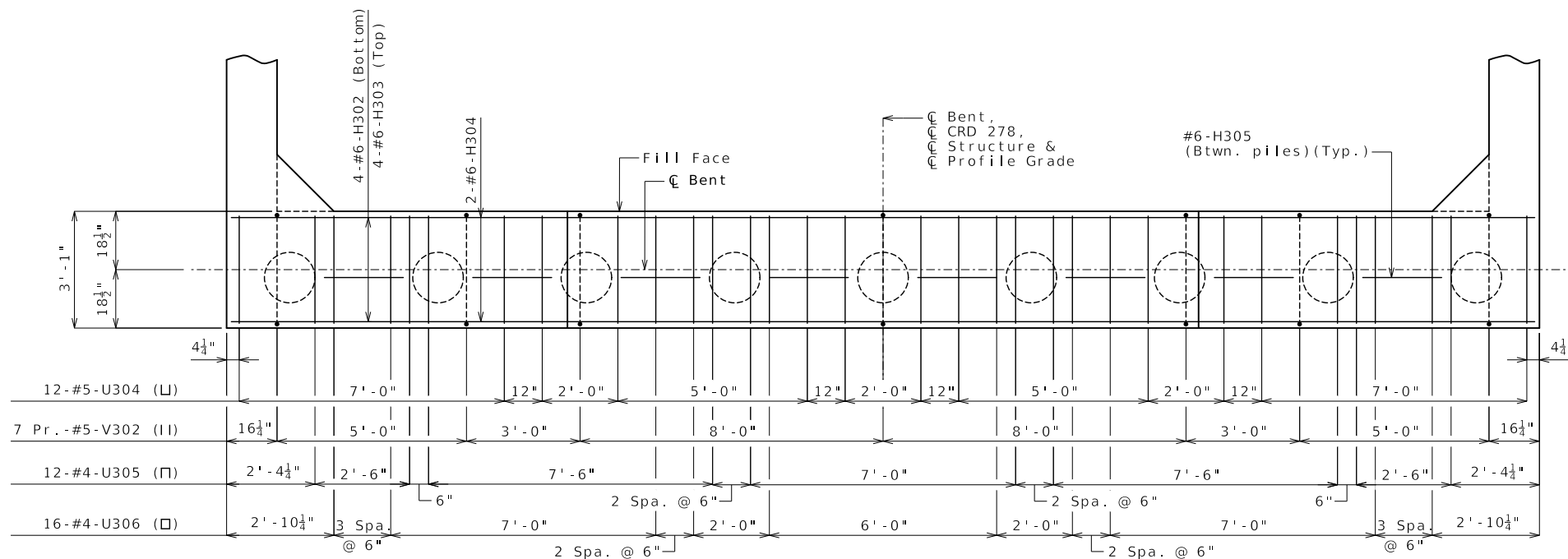
ST. LOUIS, MO 63102 (314) 436-5500

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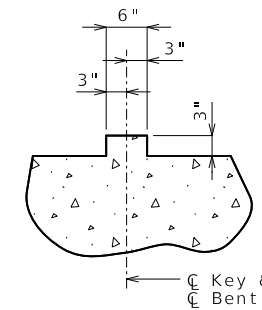




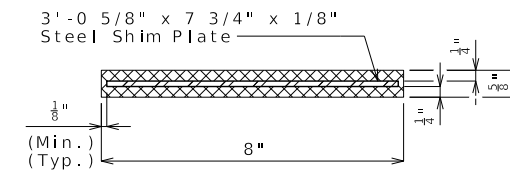
PLAN OF BEAM



PLAN OF BEAM SHOWING REINFORCEMENT  
(Keys not shown for clarity)



SECTION THRU KEY



DETAIL OF LAMINATED NEOPRENE BEARING PAD

General Notes:

For details of End Bent No. 3 not shown, see Sheets No. 11 & 12.

Reinforcing steel shall be shifted to clear piles, U bars shall clear piles by at least 1 1/2 inches.

Detailed Dec. 2025  
Checked Dec. 2025

Note: This drawing is not to scale. Follow dimensions.

Sheet No. 10 of 38

pw://cmtengr-pw.bentley.com:cmt-connect-projects/Documents/MoDOT/US67 Freeway Conversion - Phase 3/040908/Structures/Sheets/A9597/Plan Sheet DGNs/B\_A9597\_010\_JST0062\_End\_Bent\_3 11:23:23 AM 7/30/2026



07/30/2026 11:44:35 AM  
Joshua D. Joliff  
MO PE-2006002824

DATE PREPARED  
7/30/2026

ROUTE 67 STATE MO

DISTRICT BR SHEET NO. 10

COUNTY BUTLER

JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO. A9597

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

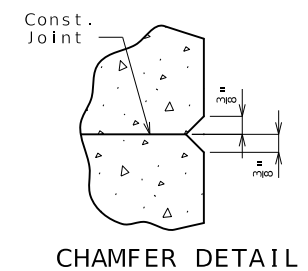
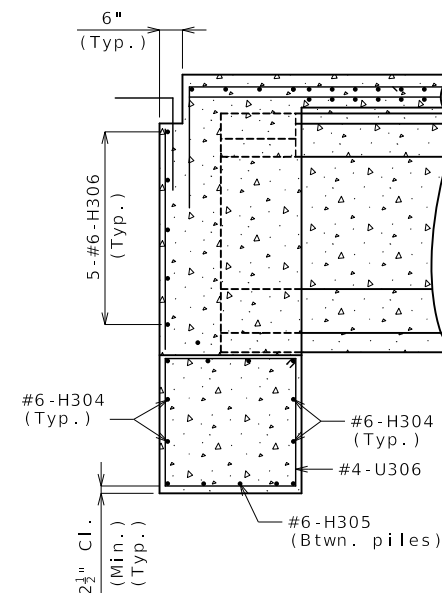
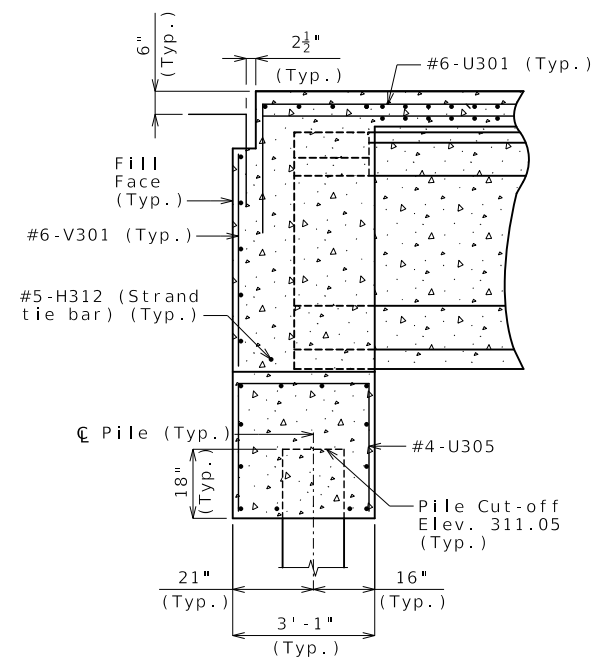
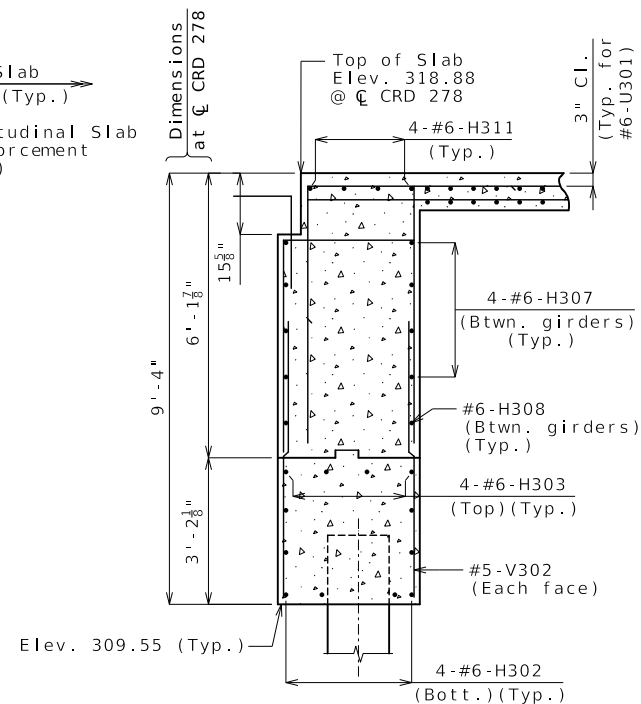
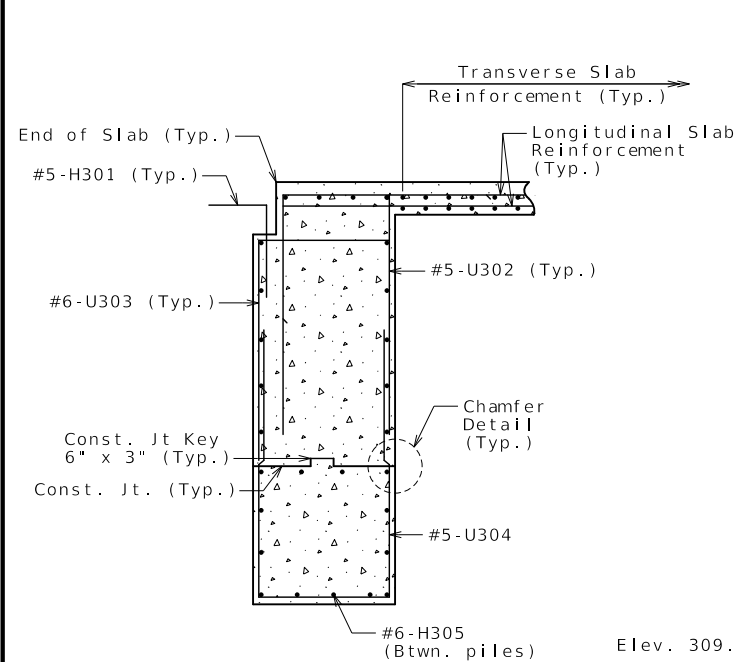
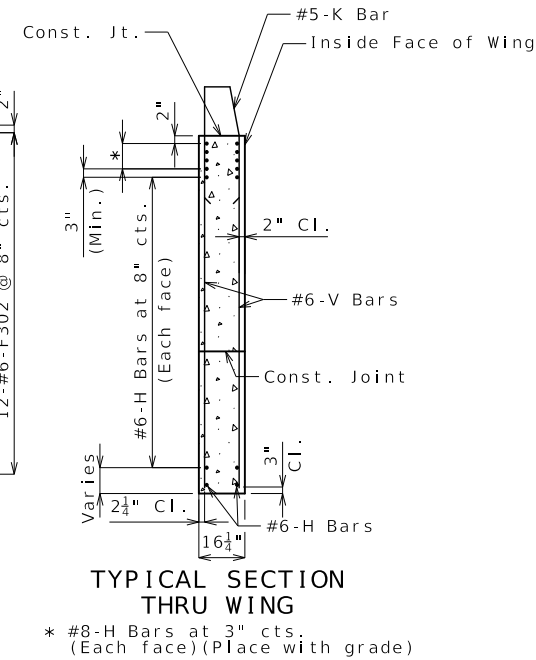
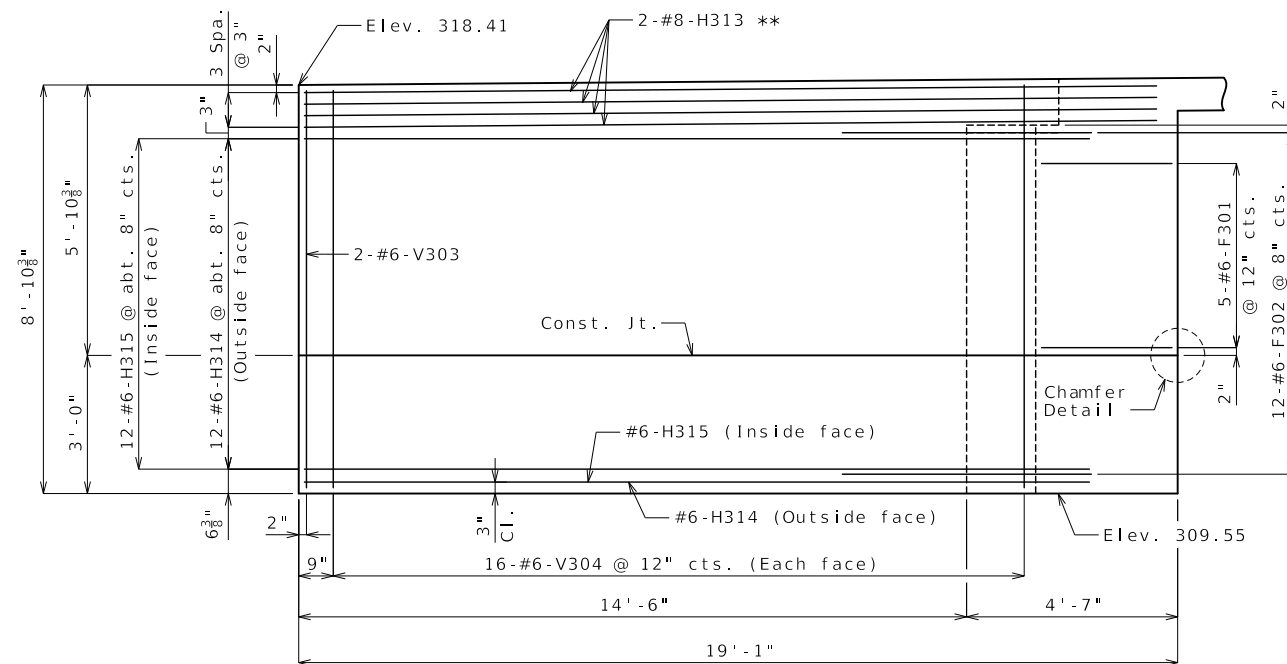


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ENGINEERING CORPORATION - 000631

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





General Notes:

For details of End Bent No. 3 not shown, see Sheets No. 10 and 11.

For details and reinforcement of Type D Barrier, see Sheets No. 21 and 22.

For location of Sections A-A, B-B, C-C, & D-D, see Sheet No. 11.

For Conduit details, see Sheet No. 23.



07/30/2026 11:46:59 AM  
Joshua D. Jolliff  
MO PE-2006002824

DATE PREPARED  
7/30/2026

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| BR       | 12        |

COUNTY  
BUTLER

JOB NO.  
JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO.  
A9597[illegible]

COMMISSION



JEFFERSON CITY, MO 65102  
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ENGINEERING CORPORATION - 000631

### DETAILS OF END BENT NO. 3

Detailed Dec. 2025  
Checked Dec. 2025

Note: This drawing is not to scale. Follow dimensions.

Sheet No. 12 of 38

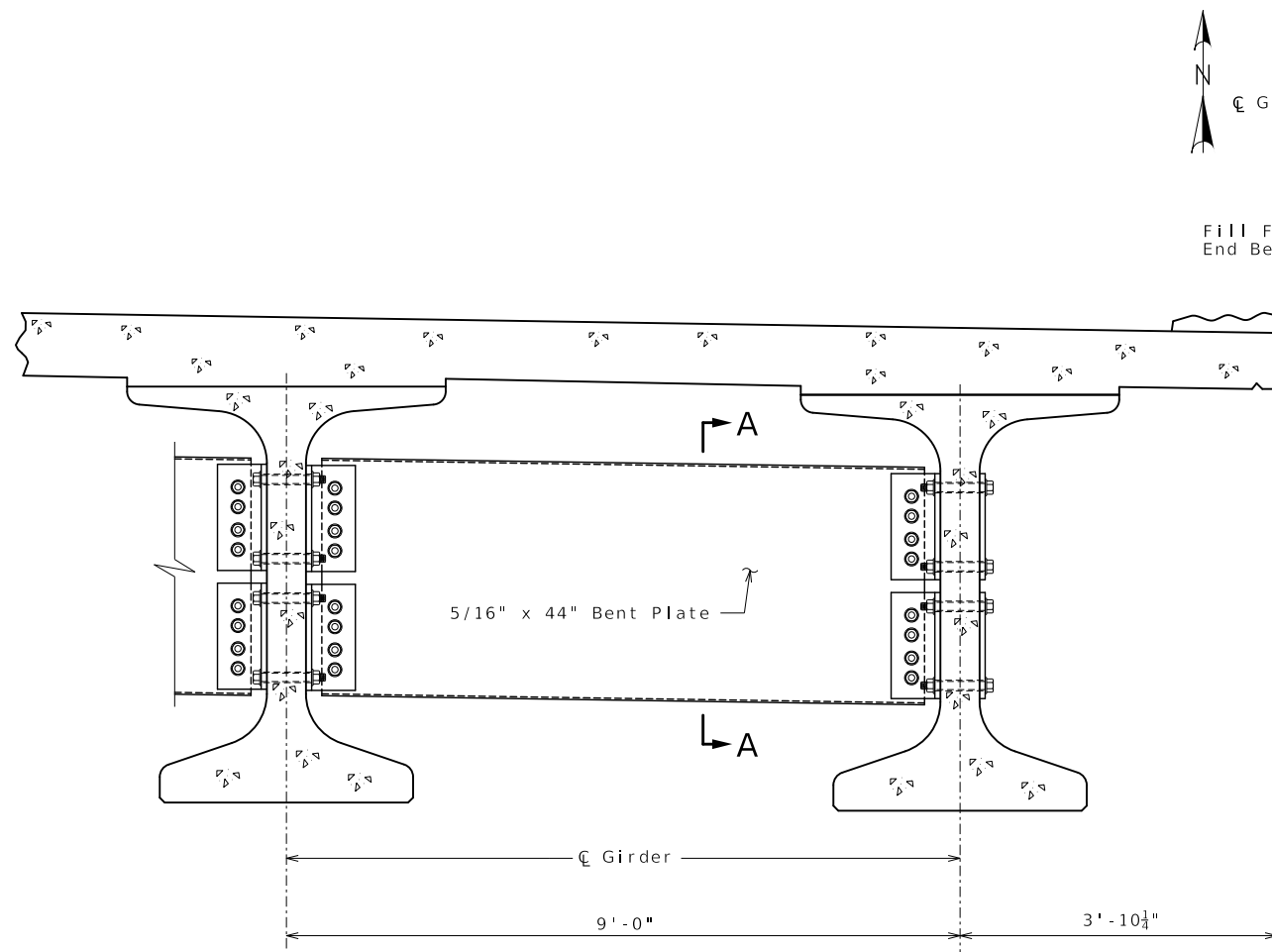
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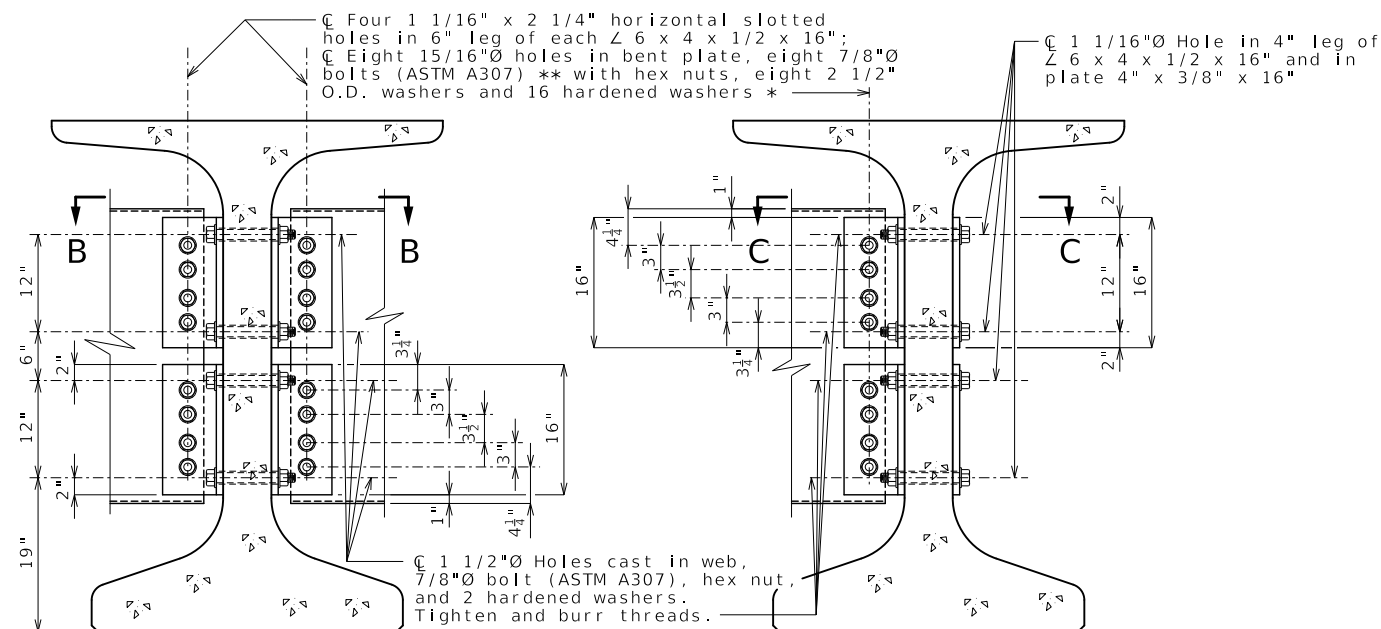








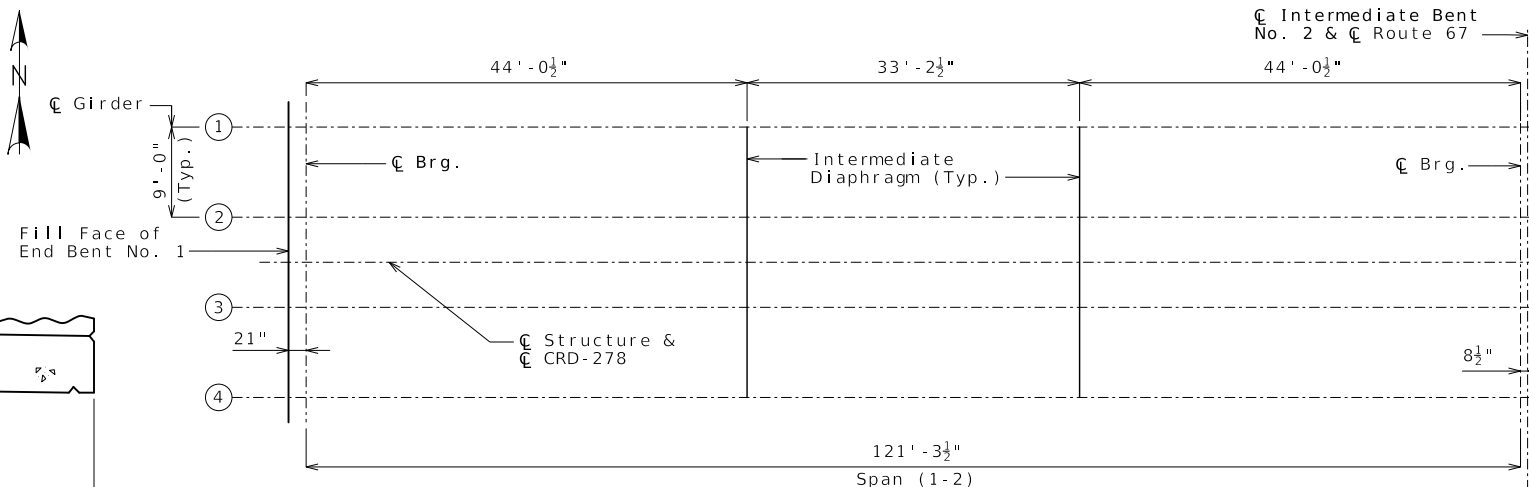
PART SECTION SHOWING  
INTERMEDIATE DIAPHRAGMS



SECTION THRU INT. GIRDER  
AT DIAPHRAGM

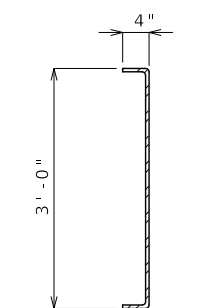
SECTION THRU EXT. GIRDER  
AT DIAPHRAGM

## STEEL INTERMEDIATE DIAPHRAGMS

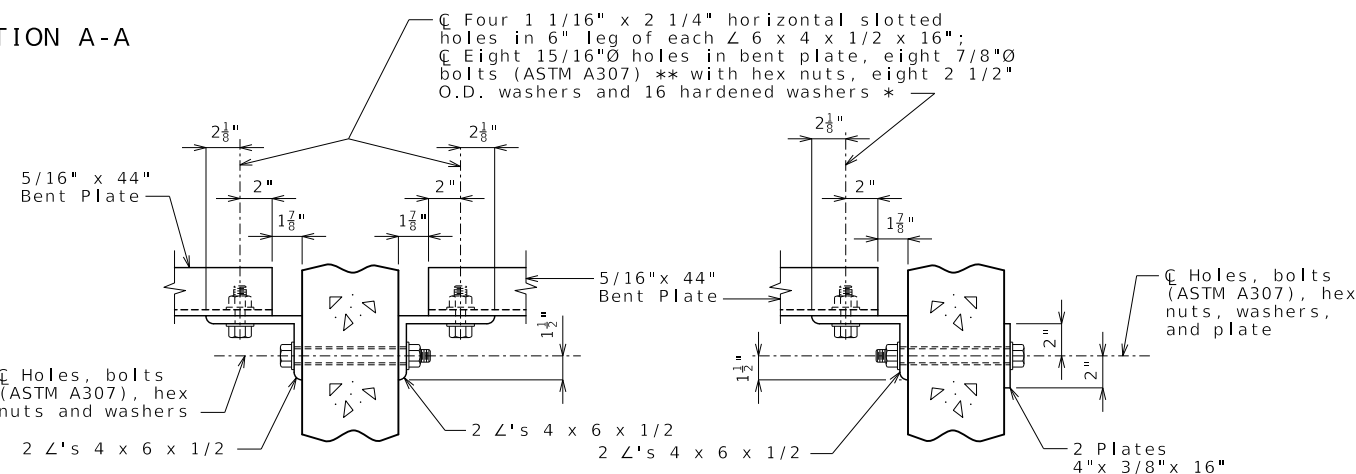


PLAN SHOWING LOCATION OF STEEL INTERMEDIATE DIAPHRAGMS

(Symmetric about  $\text{CL}$  Route 67)  
Longitudinal dimensions are horizontal.



SECTION A-A



SECTION B-B

SECTION C-C

### STEEL DIAPHRAGM NOTES:

\* In lieu of 2 1/2" outside diameter washers, contractor may substitute a 3/16" (Min. thickness) plate with four 15/16"Ø holes and one hardened washer per bolt.

\*\* Bolts shall be tightened to provide a tension of one-half that specified in Sec 712 for high strength bolt installation. ASTM F3125 Grade A325 Type 1 bolts may be substituted for and installed in accordance with the requirements for the specified ASTM A307 bolts.

All diaphragm materials including bolts, nuts, and washers shall be galvanized.

Fabricated structural steel shall be ASTM A709 Grade 36 except as noted.

Payment for furnishing and installing steel intermediate diaphragms will be considered completely covered by the contract unit price for Steel Intermediate Diaphragm for P/S Concrete Girders.

Shop drawings will not be required for steel intermediate diaphragms and angle connections.

Detailed Dec. 2025  
Checked Dec. 2025

Note: This drawing is not to scale. Follow dimensions.

Sheet No. 15 of 38

pw://cmtengr-pw.bentley.com:cmt-connect-projects/Documents/MoDOT/US67 Freeway Conversion - Phase 3/040908/Structures/Sheets/A9597/Plan Sheet DGNs/B\_A9597\_015\_JST0062\_Steel\_Intermediate\_Diaphragms 11:24:07 AM 7/30/2026



07/30/2026 11:50:22 AM  
Joshua D. Joliff  
MO PE-2006002824

DATE PREPARED  
7/30/2026

ROUTE 67 STATE MO

DISTRICT BR SHEET NO. 15

COUNTY BUTLER

JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO. A9597

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

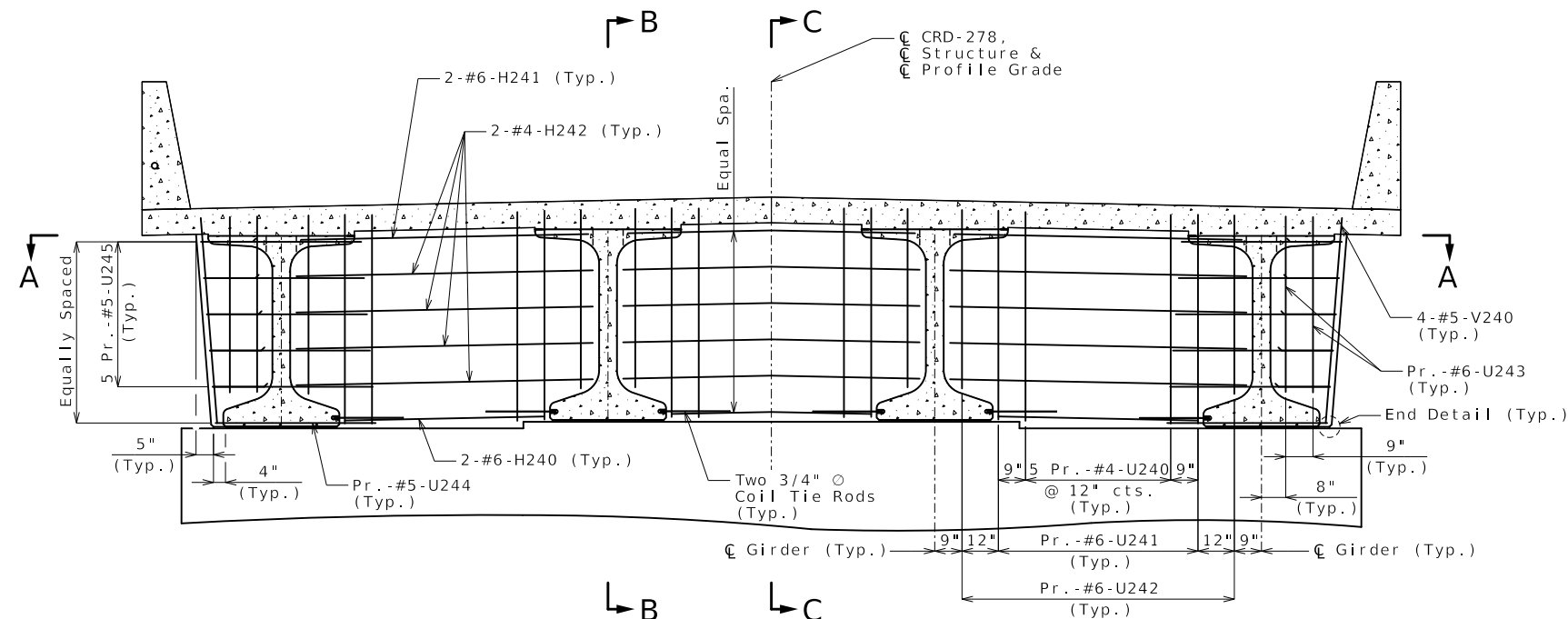


105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

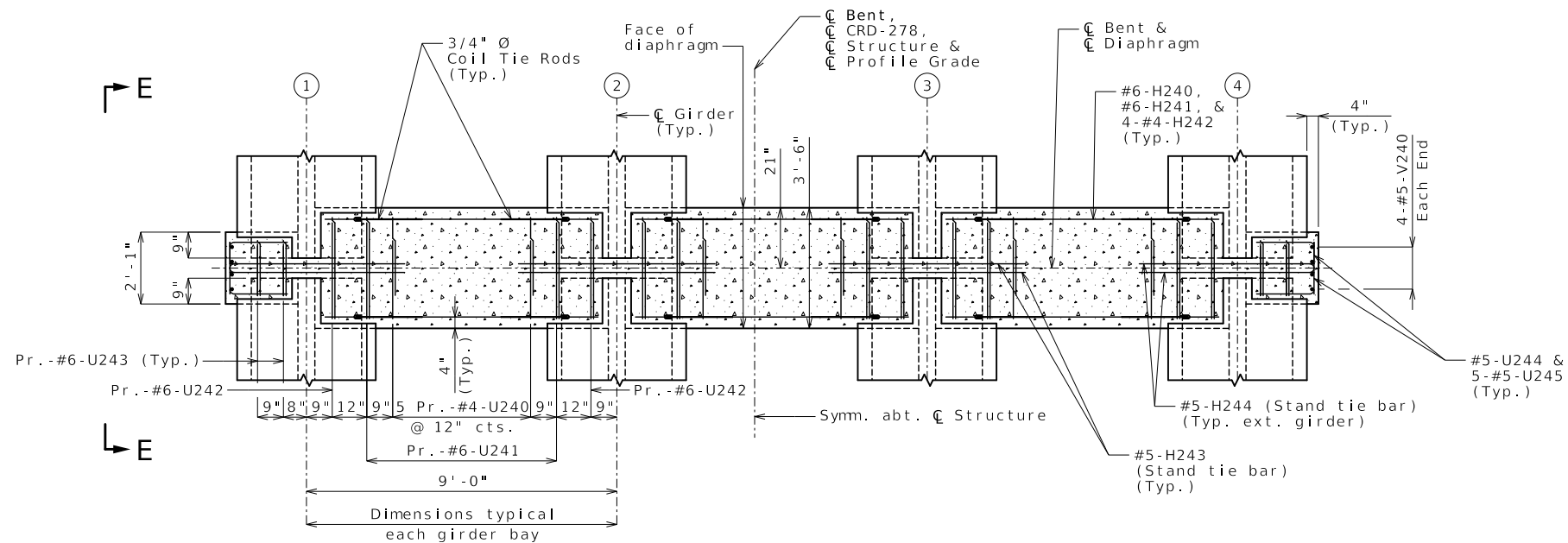


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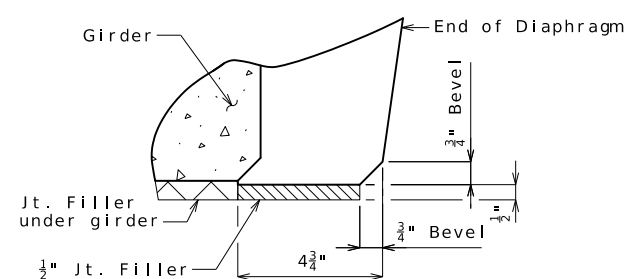
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



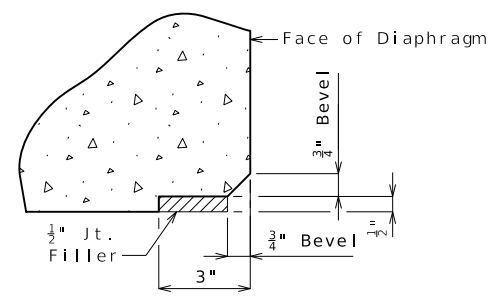
SECTION NEAR INTERMEDIATE BENT  
Keys not shown for clarity.



SECTION A-A



END DETAIL



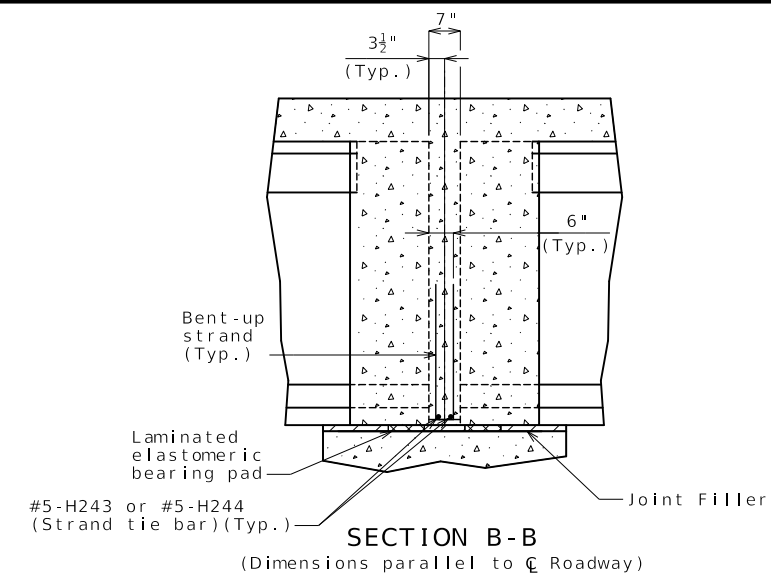
EDGE DETAIL

### General Notes:

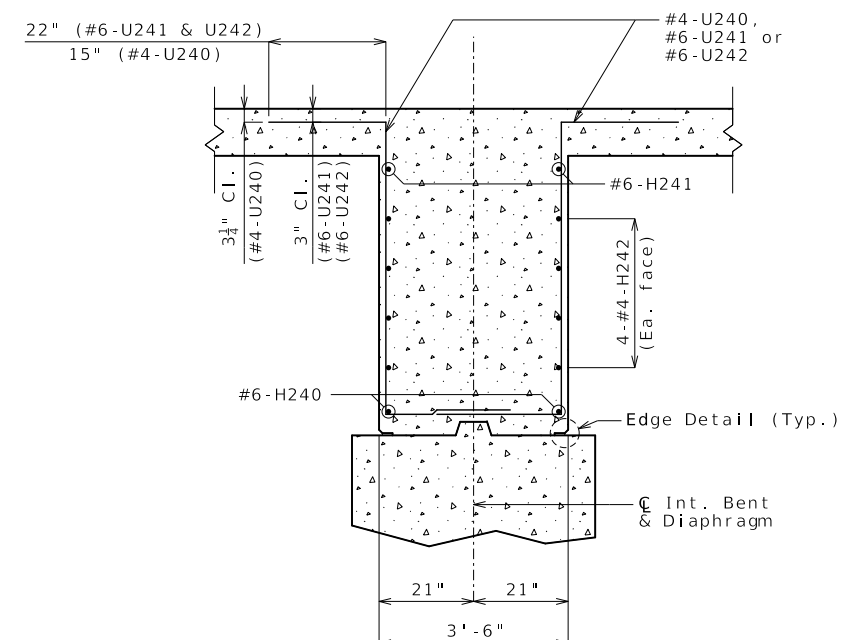
For location of Strand Tie Bars and Coil Tie Rods, see Sheets No. 13 and 14.

Diaphragms at intermediate bents shall be built vertical.

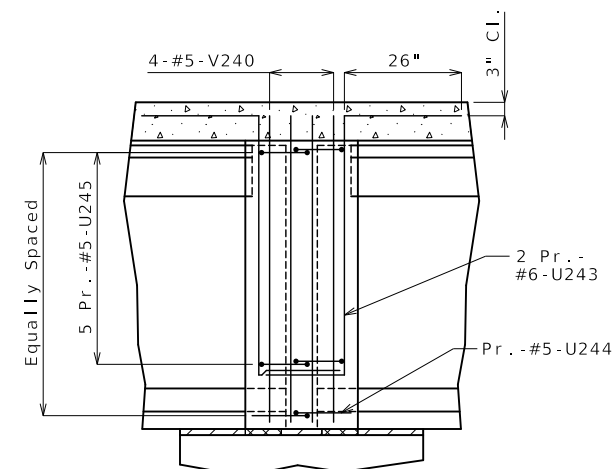
All U-bars in diaphragm are to be placed parallel to centerline of roadway.



SECTION B-B  
(Dimensions parallel to  $\nabla$  Roadway)



SECTION C-C



SECTION E-E



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ROUTE 67 STATE MO

DISTRICT BR SHEET NO. 16

COUNTY BUTLER

JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

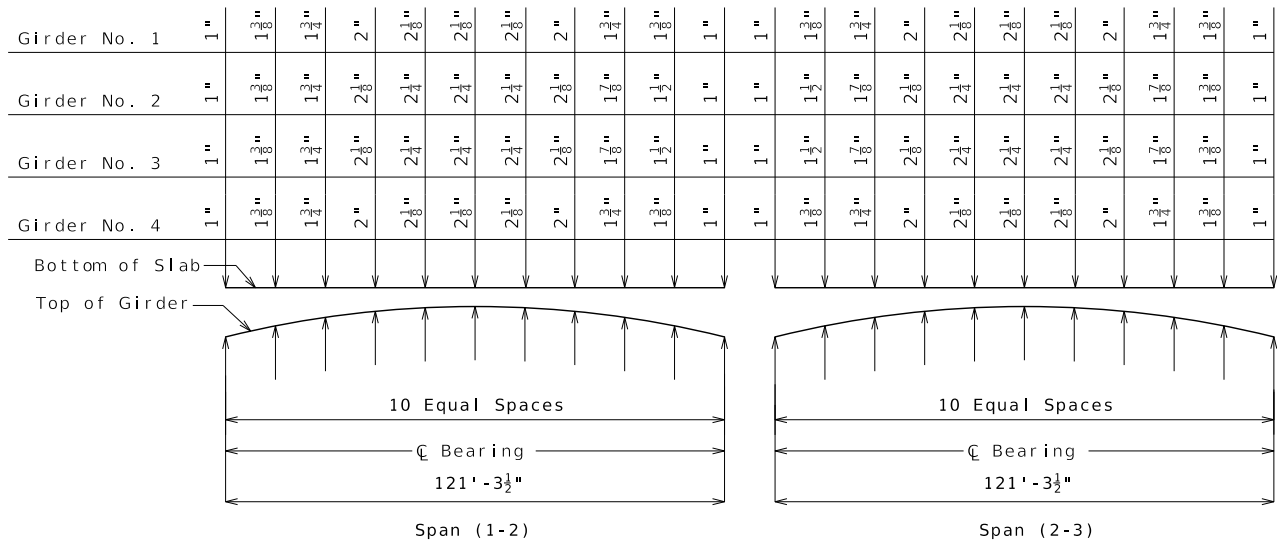
BRIDGE NO. A9597

| DESCRIPTION | DATE |
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
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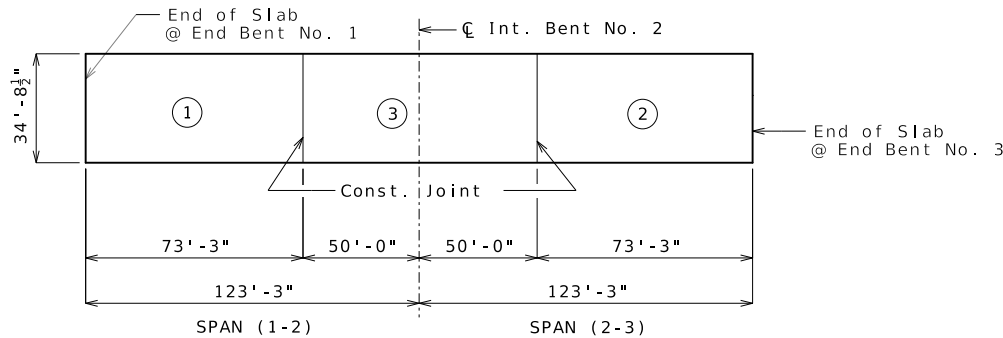




THEORETICAL SLAB HAUNCHING DIAGRAM (ESTIMATED AT 90 DAYS)

If girder camber is different from that shown in the camber diagram, in order to maintain minimum slab thickness, an adjustment of the slab haunches, an increase in slab thickness or a raise in grade uniformly throughout the structure shall be necessary. No payment will be made for additional labor or materials required for variation in haunching, slab thickness or grade adjustment.

Concrete in the slab haunches is included in the Estimated Quantities for Slab on Concrete NU-Girder.



|                                                                                                                    | Sequence of Pours |   |          | Min. Rate of Pour<br>Cu. Yds./Hr. |
|--------------------------------------------------------------------------------------------------------------------|-------------------|---|----------|-----------------------------------|
|                                                                                                                    | Direction         |   |          | With<br>Retarder                  |
| Basic<br>Sequence                                                                                                  | 1                 | 2 | 3        | 33                                |
|                                                                                                                    | Either Direction  |   |          |                                   |
| Alternate pours to the basic skip sequence are subject to the approval of the engineer in accordance with Sec 703. |                   |   |          |                                   |
| Alternate A<br>Pours                                                                                               | 1                 |   | 3 + 2    | 47                                |
|                                                                                                                    | End to 3          |   | 1 to End |                                   |
| Alternate B<br>Pours                                                                                               | 1 + 3 + 2         |   |          | 50                                |
|                                                                                                                    | End to End        |   |          |                                   |

SLAB POURING SEQUENCE

Notes:

Longitudinal dimensions are measured horizontal.

The contractor shall furnish an approved retarder to retard the set of the concrete to 2.5 hours, and shall pour and satisfactorily finish the slab pours at the rate given.

The concrete diaphragm at the intermediate bents and integral end bents shall be poured a minimum of 30 minutes and a maximum of 2 hours before the slab is poured.

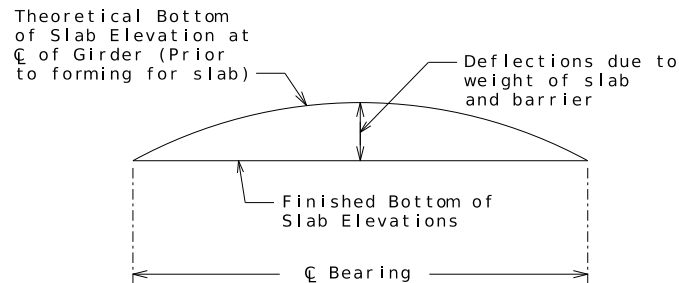
## TBOS, HAUNCHING AND CAMBER

Theoretical Bottom of Slab Elevations at Centerline of Girder (Prior to forming for slab) (Estimated at 90 days)

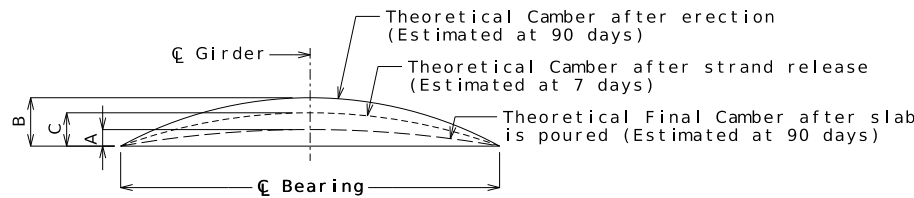
| Girder Number | Span (1-2) (121'-3 1/2" C Brg. - C Brg.) |        |        |        |        |        |        |        |        |        |        |
|---------------|------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|               | C Brg.                                   | .10    | .20    | .30    | .40    | .50    | .60    | .70    | .80    | .90    | C Brg. |
| 1             | 317.98                                   | 318.13 | 318.26 | 318.36 | 318.45 | 318.51 | 318.54 | 318.54 | 318.52 | 318.48 | 318.43 |
| 2             | 318.16                                   | 318.31 | 318.44 | 318.55 | 318.64 | 318.70 | 318.73 | 318.73 | 318.71 | 318.67 | 318.61 |
| 3             | 318.16                                   | 318.31 | 318.44 | 318.55 | 318.64 | 318.70 | 318.73 | 318.73 | 318.71 | 318.67 | 318.61 |
| 4             | 317.98                                   | 318.13 | 318.26 | 318.36 | 318.45 | 318.51 | 318.54 | 318.54 | 318.52 | 318.48 | 318.43 |

| Girder Number | Span (2-3) (121'-3 1/2" C Brg. - C Brg.) |        |        |        |        |        |        |        |        |        |        |
|---------------|------------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|               | C Brg.                                   | .10    | .20    | .30    | .40    | .50    | .60    | .70    | .80    | .90    | C Brg. |
| 1             | 318.43                                   | 318.48 | 318.51 | 318.53 | 318.52 | 318.48 | 318.42 | 318.33 | 318.22 | 318.08 | 317.93 |
| 2             | 318.61                                   | 318.66 | 318.70 | 318.72 | 318.71 | 318.67 | 318.61 | 318.52 | 318.40 | 318.27 | 318.11 |
| 3             | 318.61                                   | 318.66 | 318.70 | 318.72 | 318.71 | 318.67 | 318.61 | 318.52 | 318.40 | 318.27 | 318.11 |
| 4             | 318.43                                   | 318.48 | 318.51 | 318.53 | 318.52 | 318.48 | 318.42 | 318.33 | 318.22 | 318.08 | 317.93 |

Elevations are based on a constant slab thickness of 8 1/2" and include allowance for theoretical dead load deflections due to weight of slab and barrier.



TYPICAL SLAB ELEVATIONS DIAGRAM



| Girder   | Span (1-2) |        |        | Span (2-3) |        |        |
|----------|------------|--------|--------|------------|--------|--------|
|          | A          | B      | C      | A          | B      | C      |
| Exterior | 1/4"       | 2 1/2" | 1 3/8" | 1/4"       | 2 1/2" | 1 3/8" |
| Interior | 1/8"       |        |        | 1/8"       |        |        |

GIRDER CAMBER DIAGRAM

Conversion Factors for Girder Camber (Estimated at 90 days):

0.1 pt. = 0.314 x 0.5 pt.  
0.2 pt. = 0.593 x 0.5 pt.  
0.3 pt. = 0.813 x 0.5 pt.  
0.4 pt. = 0.952 x 0.5 pt.



07/30/2026 11:52:42 AM  
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MO PE-2006002824

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ROUTE 67 STATE MO

DISTRICT BR SHEET NO. 17

COUNTY BUTLER

JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO. A9597

DESCRIPTION

DATE

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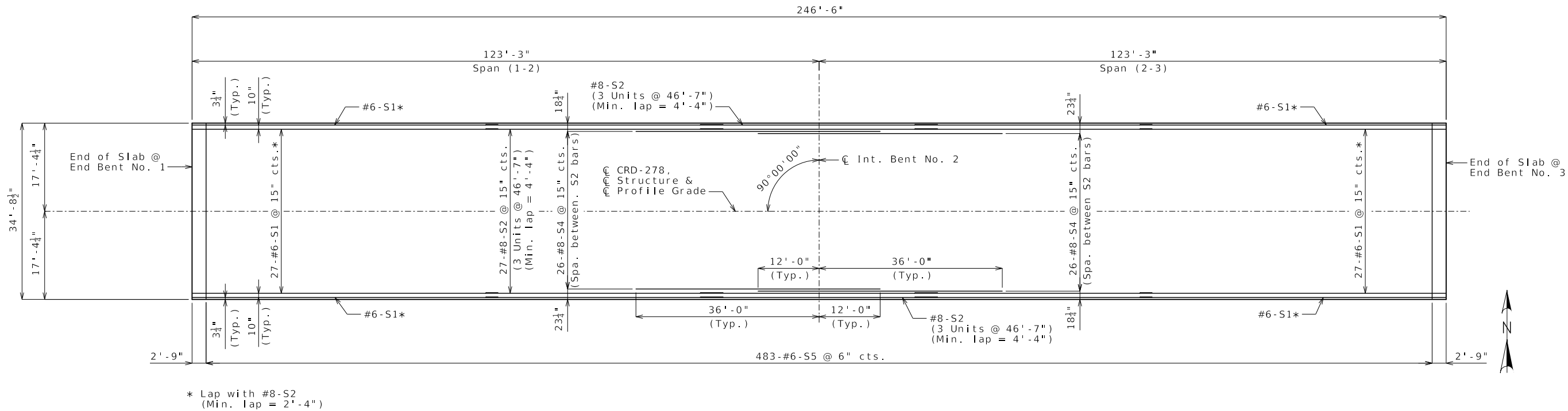
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\* Lap with #8-S2  
(Min. lap = 2'-4")

PLAN OF SLAB SHOWING TOP REINFORCEMENT

General Notes:

Longitudinal slab dimensions are measured horizontally.

For Theoretical Bottom of Slab Elevations, Girder Camber Diagram, Theoretical Slab Haunching Diagram and Slab Pouring Sequence, see Sheet No. 17.

For Plan of Slab Showing Bottom Reinforcement, see Sheet No. 19.

For Section Thru Slab, see Sheet No. 20.

For details and reinforcement of Type D Barrier not shown, see Sheets No. 21 and 22.

TOP SLAB REINFORCEMENT

Detailed Dec. 2025  
Checked Dec. 2025

Note: This drawing is not to scale. Follow dimensions.

Sheet No. 18 of 38

pw://cmtengr-pw.bentley.com:cmt-connect-projects/Documents/MoDOT/US67 Freeway Conversion - Phase 3/040908/Structures/Sheets/A9597/Plan Sheet DGNs/B\_A9597\_018\_JST0062\_Slab 11:24:41 AM 7/30/2026



07/30/2026 11:54:14 AM  
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ROUTE 67 STATE MO

DISTRICT BR SHEET NO. 18

COUNTY BUTLER

JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO. A9597

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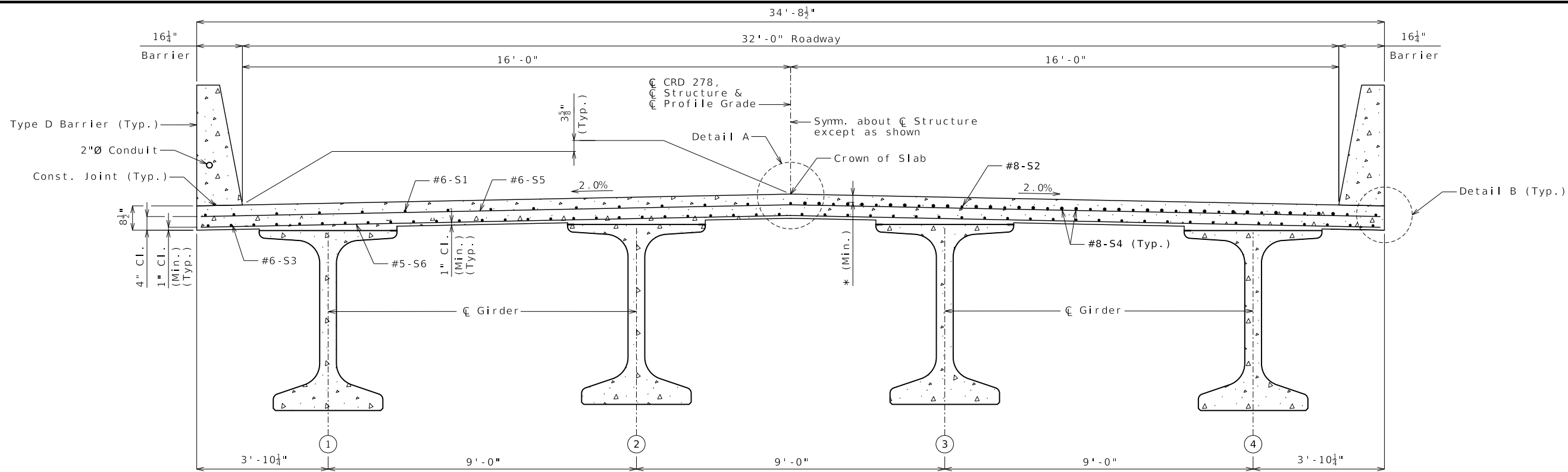
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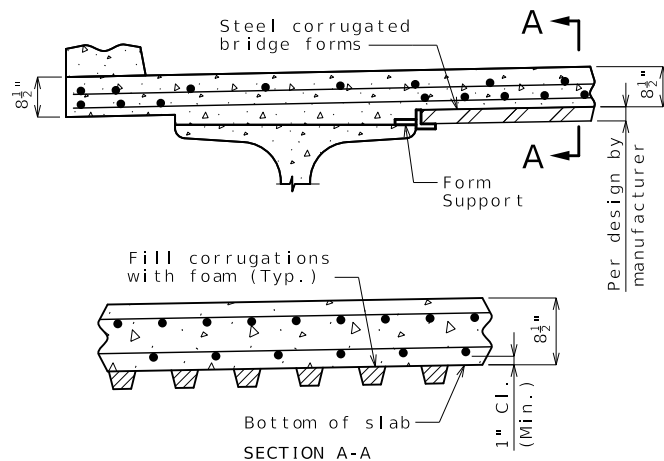
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\* 3" CL. (#6)  
2 1/4" CL. (#8)



### CORRUGATED STEEL FORMS

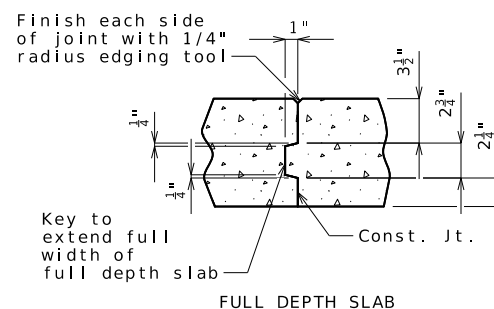
#### Notes:

Corrugated steel forms, supports, closure elements and accessories shall be in accordance with grade requirement and coating designation G165 of ASTM A653. Complete shop drawings of the permanent steel deck forms shall be required in accordance with Sec 1080.

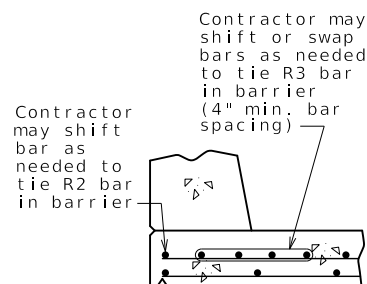
Corrugations of stay-in-place forms shall be filled with an expanded polystyrene material. The polystyrene material shall be placed in the forms with an adhesive in accordance with the manufacturer's recommendations.

Form sheets shall not rest directly on the top of girder flanges. Sheets shall be securely fastened to form supports with a minimum bearing length of one inch on each end. Form supports shall be placed in direct contact with the flange. Welding on or drilling holes in the girder flanges will not be permitted. All steel fabrication and construction shall be in accordance with Sec 1080 and 712. Certified field welders will not be required for welding of the form supports.

The design of stay-in-place corrugated steel forms is per manufacturer which shall be in accordance with Sec 703 for false work and forms. Maximum actual weight of corrugated steel forms allowed shall be 4 psf assumed for girder loading.



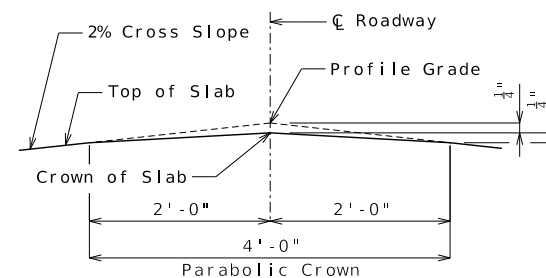
### SLAB CONSTRUCTION JOINT



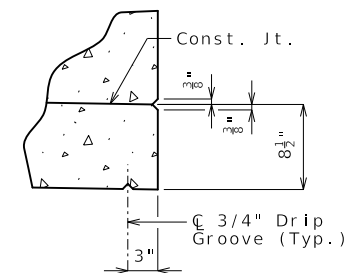
### OPTIONAL SHIFTING TOP BARS AT BARRIER

### SECTION THRU SLAB

### HALF SECTION NEAR INTERMEDIATE BENT



### DETAIL A



### DETAIL B

### GENERAL NOTES:

For Theoretical Bottom of Slab Elevations, Girder Camber Diagram, Theoretical Slab Haunching Diagram and Slab Pouring Sequence, see Sheet No. 17.

For Plan of Slab Showing Top Reinforcement, see Sheet No. 18.

For Plan of Slab Showing Bottom Reinforcement, see Sheet No. 19.

For details and reinforcement of Type D barrier not shown, see Sheets No. 21 and 22.

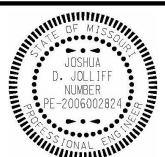
For Conduit details, see Sheet No. 23.

Detailed Dec. 2025  
Checked Dec. 2025

Note: This drawing is not to scale. Follow dimensions.

Sheet No. 20 of 38

pw://cmtengr-pw.bentley.com:cmt-connect-projects/Documents/MoDOT/US67 Freeway Conversion - Phase 3/040908/Structures/Sheets/A9597/Plan Sheet DGNs/B\_A9597\_020\_JST0062\_Slab 11:27:00 AM 7/30/2026



Joshua D. Joliff

07/30/2026 11:56:38 AM  
Joshua D. Joliff  
MO PE-2006002824

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7/30/2026

ROUTE 67 STATE MO  
DISTRICT BR SHEET NO. 20

COUNTY BUTLER  
JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO. A9597

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MoDOT

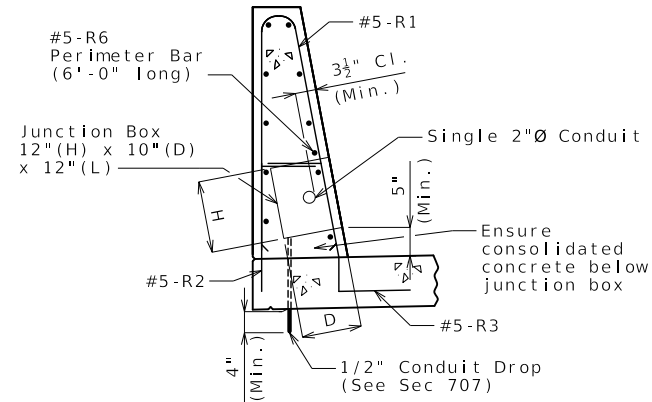
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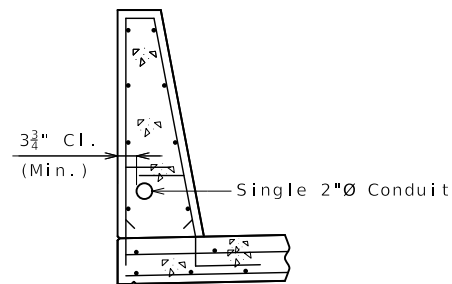




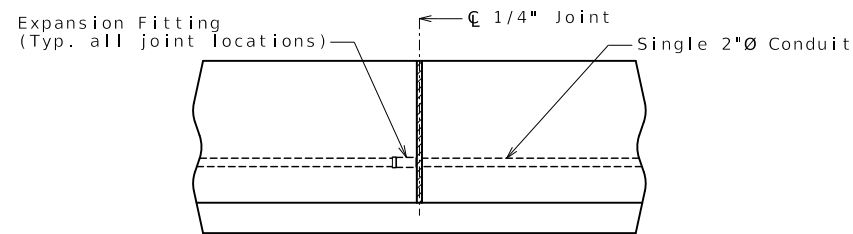
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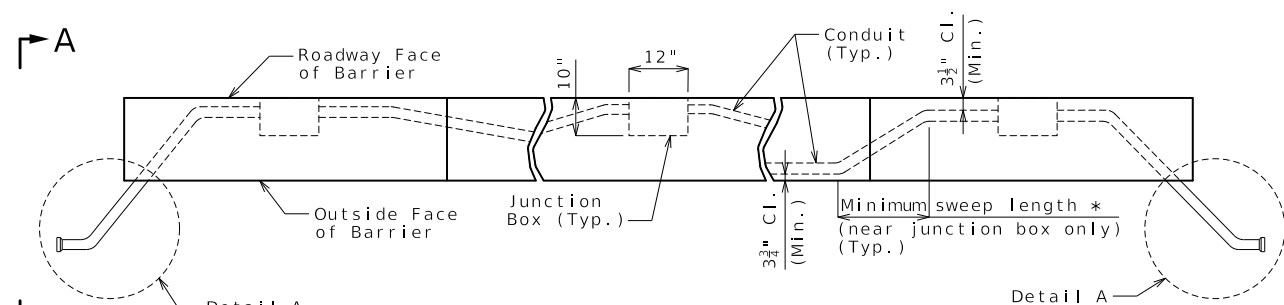
SECTION THROUGH BARRIER SHOWING JUNCTION BOX



SECTION SHOWING SINGLE CONDUIT IN BARRIER



PART ELEVATION OF BARRIER AT JOINT SHOWING EXPANSION FITTING



\* Minimize length of sweep in order to lessen the number of #5-R1 bars necessary to bend in field.

PART PLAN OF BARRIER SHOWING DELINEATED CONDUIT SYSTEM PLACEMENT ONLY

Deflection couplings and expansion fittings are not shown for clarity.

### General Notes:

All conduits shall be rigid nonmetallic schedule 40 heavy wall polyvinyl chloride (PVC) with 3 1/2 inch minimum cover in barrier and 4 1/2 inch minimum cover in abutment wing. Each section of conduit shall bear the Underwriters Laboratories (UL) label.

Shift reinforcing steel in field where necessary to clear conduit and junction boxes.

Expansion fittings shall be placed as shown and set in accordance with the manufacturer's requirements and based on the air temperature at the time of setting given an estimated total expansion movement of 1 inch at filled joints using a maximum temperature range of 120°F and a maximum temperature of 110°F.

Drainage shall be provided at low points or other critical locations of all conduits and all junction boxes in accordance with Sec 707. All conduits shall be sloped to drain where possible.

All end bent and barrier junction boxes shall be PVC molded in accordance with Sec 1062 and designed for flush mounting. The conduit terminations shall be permanent or separable. The terminations and covers shall be of watertight construction and shall meet requirements for NEMA 4 or NEMA 4X enclosure.

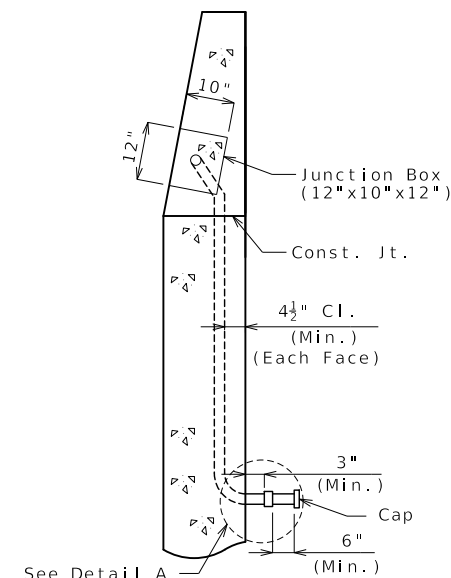
Placement of junction boxes and covers, complete in place, shall be flush with the roadway face of barrier. Junction boxes and covers may be recessed up to 1/4 inch.

Junction box size shown on plan may require special order. Smaller junction box may be substituted if junction box meets conduit installation, clearance and project requirements.

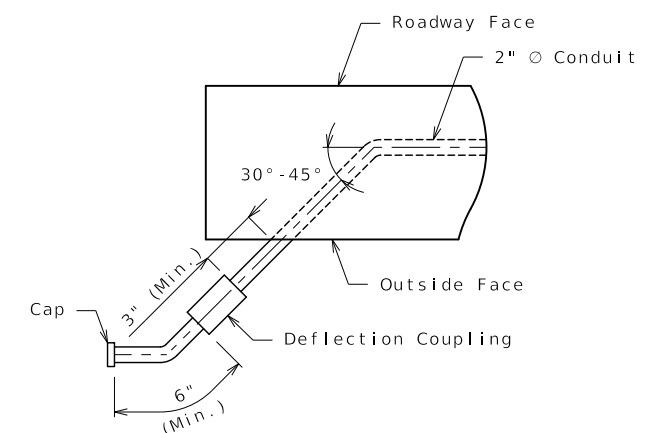
Payment for furnishing and installing Conduit System, complete in place, will be considered completely covered by the contract lump sum price for Conduit System on Structure.

For details and reinforcement of Type D Barrier not shown, see Sheets No. 21 and 22.

MoDOT Construction Personnel: Indicate in field and on bridge plans for future work the exact location of buried conduit at ends of bridge that are capped and not immediately used.



PART SECTION A-A



DETAIL A

## CONDUIT DETAILS

Detailed Dec. 2025  
Checked Dec. 2025

Note: This drawing is not to scale. Follow dimensions.

Sheet No. 23 of 38

pw://cmtengr-pw.bentley.com:cmt-connect-projects/Documents/MoDOT/US67 Freeway Conversion - Phase 3/040908/Structures/Sheets/A9597/Plan Sheet DGNs/B\_A9597\_023\_JST0062\_Conduit\_Details 11:27:29 AM 7/30/2026



07/30/2026 12:01:22 PM  
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MO PE-2006002824

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7/30/2026

ROUTE 67 STATE MO  
DISTRICT BR SHEET NO. 23

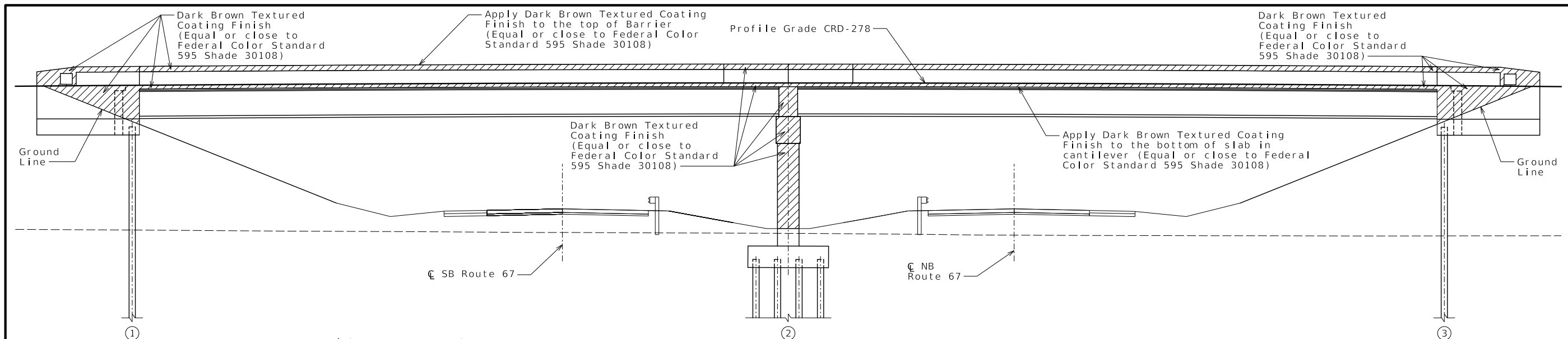
COUNTY BUTLER

JOB NO. JST0062

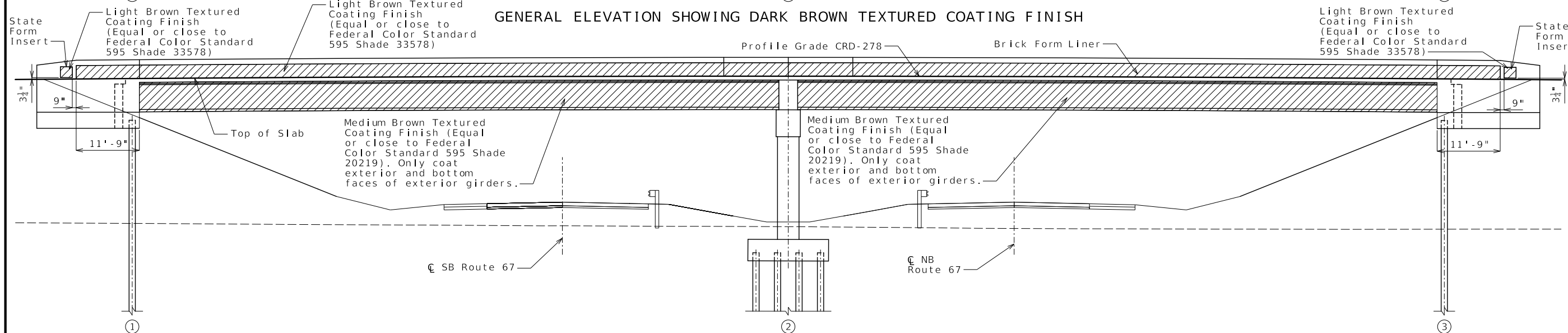
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PROJECT NO.

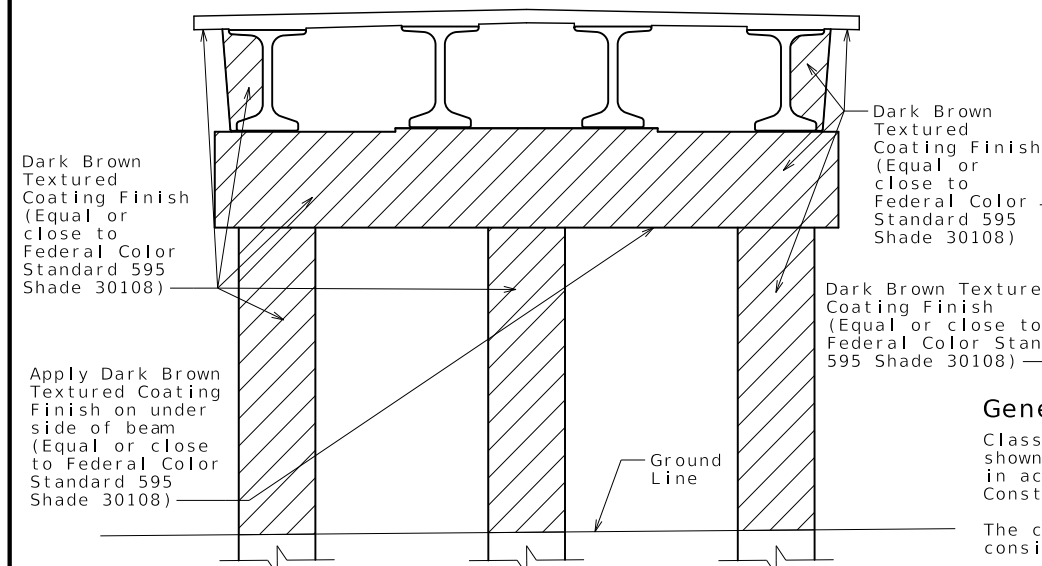
BRIDGE NO. A9597



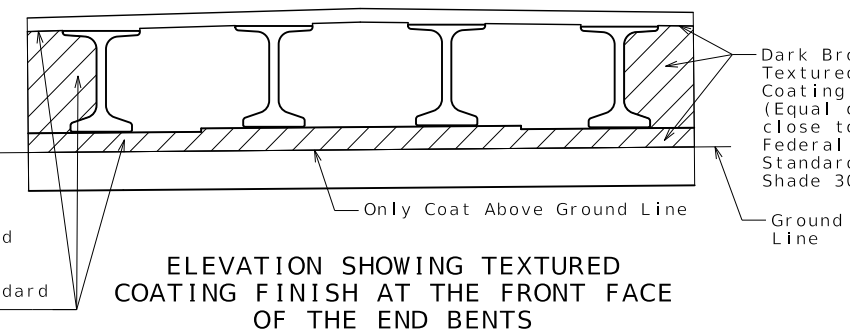
GENERAL ELEVATION SHOWING DARK BROWN TEXTURED COATING FINISH



GENERAL ELEVATION SHOWING OTHER TEXTURED COATING FINISH



ELEVATION SHOWING TEXTURED COATING FINISH AT INT. BENT NO. 2



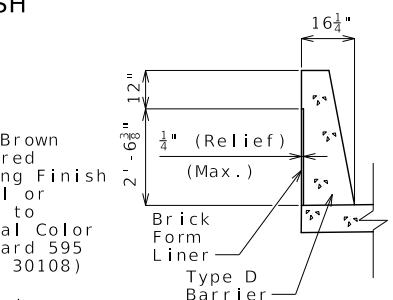
General Notes:

Class 3 Textured Coating Finish shall be applied to bridge surfaces as shown and specified in Special Provision "Textured Coating Finish" and in accordance with Arkansas 2014 Standard Specification for Highway Construction Subsection 802.19(b)(3).

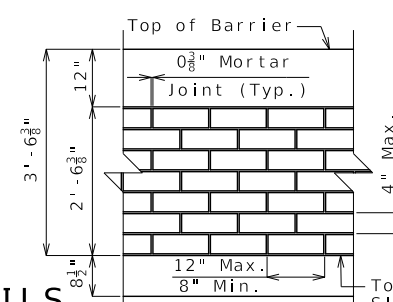
The cost of form liners for Type D Barrier, complete in place, will be considered completely covered by the contract unit price for Form Liners.

Form Liner shall be constructed in accordance with Special Provisions.

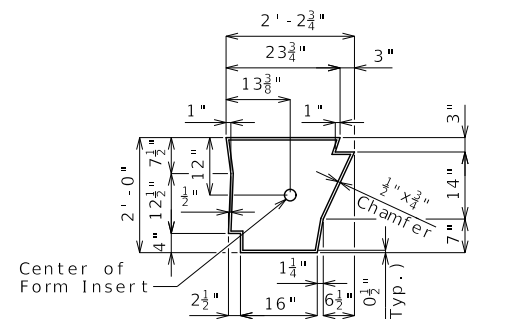
TEXTURED COATING FINISH & FORM LINER DETAILS



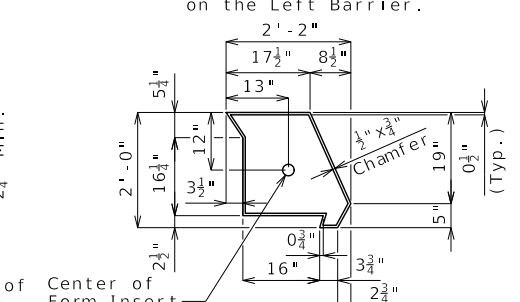
BRICK FORM LINER AT BARRIER



BRICK FORM LINER DETAIL



ARKANSAS FORM INSERT DETAILS

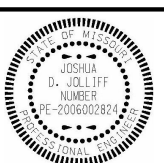


MISSOURI FORM INSERT DETAILS

Detailed Dec. 2025  
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Note: This drawing is not to scale. Follow dimensions.

Sheet No. 24 of 38



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7/30/2026

ROUTE 67 STATE MO  
DISTRICT BR SHEET NO. 24

COUNTY BUTLER  
JOB NO. JST0062  
CONTRACT ID.

PROJECT NO.

BRIDGE NO. A9597

DESCRIPTION

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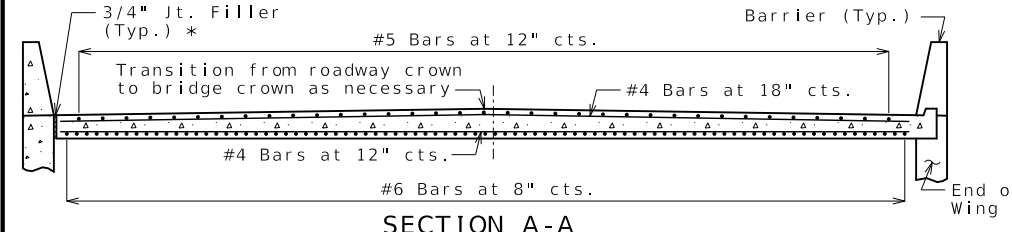
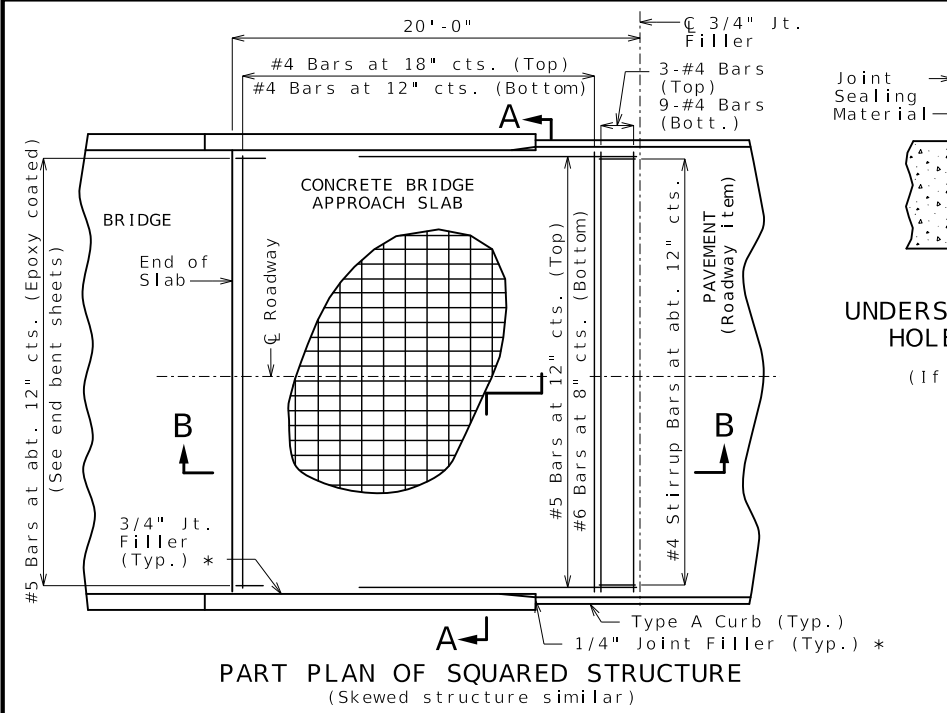
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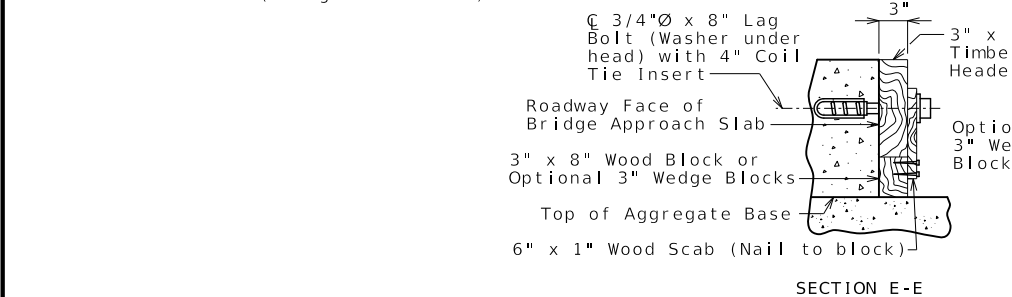
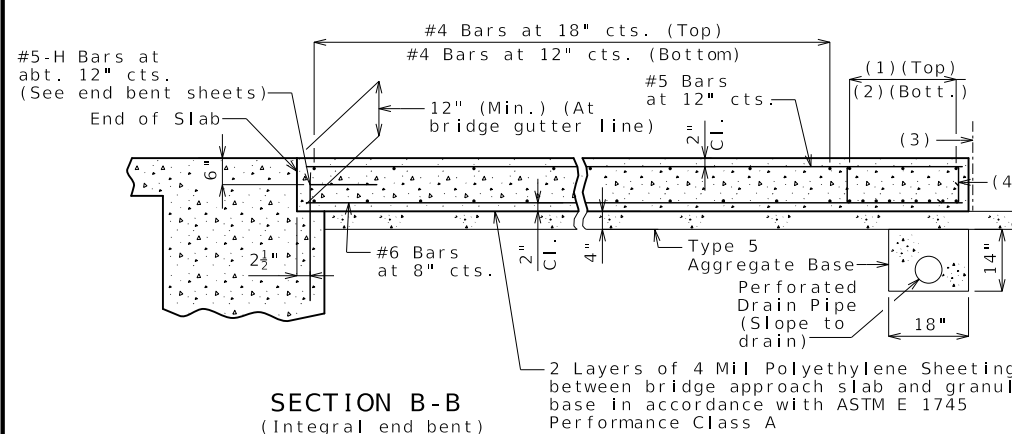
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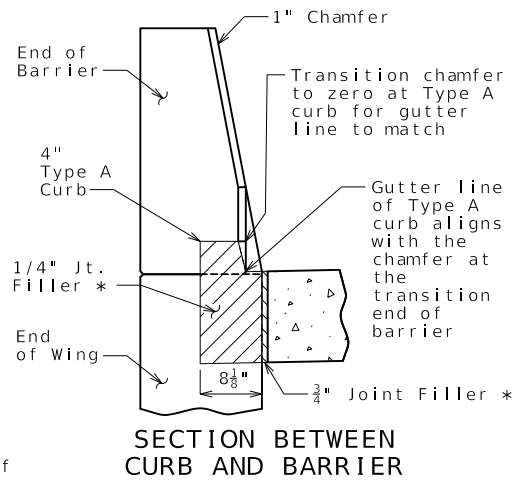




With the approval of the engineer, the contractor may crown the bottom of the approach slab to match the crown of the roadway surface.



Remove timber header when concrete pavement is placed.



**Notes For Concrete Slab Only:**  
All concrete for the bridge approach slab shall be in accordance with Sec 503 ( $f'c = 4,000$  psi).  
The reinforcing steel in the bridge approach slab shall be epoxy coated Grade 60 with  $f_y = 60,000$  psi.  
Longitudinal construction joints in bridge approach slab shall be aligned with longitudinal construction joints in bridge slab.  
Minimum clearance to reinforcing steel shall be 1 1/2", unless otherwise shown.

The reinforcing steel in the bridge approach slab shall be continuous. The transverse reinforcing steel may be made continuous by providing a minimum lap splice of 26 inches for #4 bars, or by mechanical bar splice.

All joint filler shall be in accordance with Sec 1057 for preformed fiber expansion joint filler except as noted.

Payment for furnishing all materials, labor and excavation necessary to construct the concrete bridge approach slab, including the timber header, underdrain, Type 5 aggregate base, joint filler, and all other appurtenances and incidental work as shown on this sheet, complete in place, will be considered completely covered by the contract unit price for Bridge Approach Slab (Minor) per square yard.

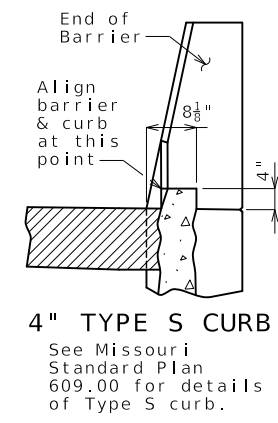
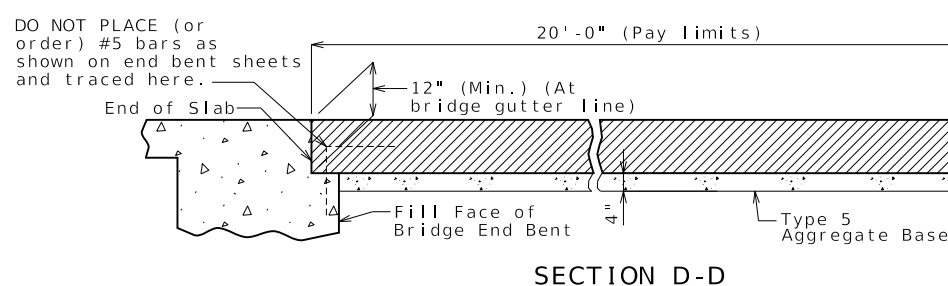
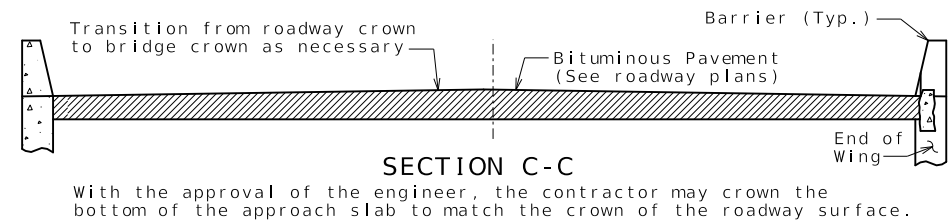
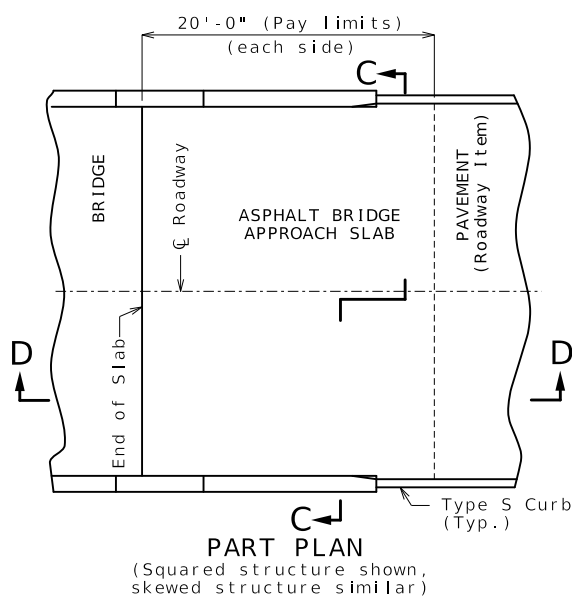
See Missouri Standard Plan 609.00 for details of Type A curb.

Drain pipe may be either 6" diameter corrugated metallic-coated pipe underdrain, 4" diameter corrugated polyvinyl chloride (PVC) drain pipe, or 4" diameter corrugated polyethylene (PE) drain pipe.

\* Seal joint between vertical face of approach slab and wing with sealant in accordance with Sec 717 for silicone joint sealant for saw cut and formed joints.

**General Notes:**  
Contractor shall have the option to construct either slab except as noted.  
The contractor shall pour and satisfactorily finish the bridge slab before placing the bridge approach slab.  
MoDOT Construction personnel will indicate the bridge approach slab used for this structure:  
☐ Concrete Bridge Approach Slab  
☐ Asphalt Bridge Approach Slab

**Notes For Asphalt Slab Only:**  
Payment for furnishing all materials, labor and excavation necessary to construct the asphalt bridge approach slab, including tack, curb, and Type 5 aggregate base within the pay limits shown, complete in place, will be considered completely covered by the contract unit price for Bridge Approach Slab (Minor) per square yard.  
Application of tack is required between lifts per Sec 403.



OPTIONAL ASPHALT SLAB (NOT ALLOWED WITH CONCRETE PAVEMENT)

**BRIDGE APPROACH SLAB (MINOR)**  
Integral end bents shown, non-integral end bent similar.

Detailed Dec. 2025  
Checked Dec. 2025

Note: This drawing is not to scale. Follow dimensions. Sheet No. 25 of 38

pw://cmtengr-pw.bentley.com:cmt-connect-projects/Documents/MoDOT/US67 Freeway Conversion - Phase 3/040908/Structures/Sheets/A9597/Plan Sheet DGNs/B\_A9597\_025\_JST0062\_Approach\_Slab.dgn 11:27:48 AM 7/30/2026



07/30/2026 12:03:51 PM  
Joshua D. Joliff  
MO PE-2006002824

DATE PREPARED  
7/30/2026

ROUTE 67 STATE MO

DISTRICT BR SHEET NO. 25

COUNTY BUTLER

JOB NO. JST0062

CONTRACT ID.

PROJECT NO.

BRIDGE NO. A9597

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

MoDOT

CMT

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CRAWFORD MURPHY & TILLY, INC.

ONE MEMORIAL DRIVE, SUITE 500

ST. LOUIS, MO 63102 (314) 436-5500

ENGINEERING CORPORATION - 000631



| Bill of Reinforcing Steel |               |                 |       |    |   |            |       |       |       |       |       |       |       |                |     |                  |     |        |     |       |
|---------------------------|---------------|-----------------|-------|----|---|------------|-------|-------|-------|-------|-------|-------|-------|----------------|-----|------------------|-----|--------|-----|-------|
| No.<br>Req.               | Size/<br>Mark | Location        | Codes |    |   | Dimensions |       |       |       |       |       |       |       | Nom.<br>Length |     | Actual<br>Length |     | Weight |     |       |
|                           |               |                 |       |    |   | B          |       | C     |       | D     |       | E     |       |                |     |                  |     |        | F   |       |
|                           |               |                 | C     | SH | V | ft         | in.   | ft    | in.   | ft    | in.   | ft    | in.   | ft             | in. | ft               | in. | ft     | in. | lb    |
|                           |               | SUBSTRUCTURE    |       |    |   |            |       |       |       |       |       |       |       |                |     |                  |     |        |     |       |
|                           |               | INT BENT 2      |       |    |   |            |       |       |       |       |       |       |       |                |     |                  |     |        |     |       |
| 21                        | 9 D200        | BEAM            | 20    |    |   | 5          | 2.00  |       |       |       |       |       |       |                |     | 5                | 2   | 5      | 2   | 369   |
| 12                        | 10 D201       | FOOTING         | 10    |    |   |            |       | 7     | 6.25  | 14    | 1.25  |       |       |                |     | 29               | 2   | 28     | 6   | 1,472 |
| 72                        | 10 D202       | FOOTING         | 10    |    |   |            |       | 22.00 | 10    | 6.00  |       |       |       |                |     | 14               | 2   | 13     | 6   | 4,183 |
| 60                        | 10 D203       | FOOTING         | 10    |    |   |            |       | 22.00 | 14    | 6.00  |       |       |       |                |     | 18               | 2   | 17     | 6   | 4,519 |
| 6                         | 8 D204        | FOOTING         | 20    |    |   | 10         | 6.00  |       |       |       |       |       |       |                |     | 10               | 6   | 10     | 6   | 169   |
| 6                         | 8 D205        | FOOTING         | 20    |    |   | 14         | 6.00  |       |       |       |       |       |       |                |     | 14               | 6   | 14     | 6   | 233   |
| 192                       | 5 D206        | FOOTING         | 12    |    |   | 3          | 6.00  | 10.00 |       |       |       |       |       |                |     | 4                | 11  | 4      | 9   | 952   |
| 10                        | 10 H201       | BEAM            | 20    |    |   | 32         | 3.00  |       |       |       |       |       |       |                |     | 32               | 3   | 32     | 3   | 1,388 |
| 10                        | 10 H202       | BEAM            | 18    |    |   | 32         | 3.00  |       |       |       |       |       |       |                |     | 35               | 2   | 35     | 2   | 1,514 |
| 12                        | 6 H203        | BEAM            | 20    |    |   | 32         | 3.00  |       |       |       |       |       |       |                |     | 32               | 3   | 32     | 3   | 582   |
| 16                        | 6 H204        | BEAM            | 10S   |    |   |            |       | 12.00 | 4     | 1.50  |       |       |       |                |     | 6                | 2   | 5      | 10  | 141   |
| 36                        | 4 J200        | BEAM            | 12    |    |   | 4          | 2.50  | 8.00  |       |       |       |       |       |                |     | 5                | 5   | 5      | 3   | 127   |
| 660                       | 4 P200        | CECIP PILE      | 34S   |    |   | 3          | 1.75  | 2.00  |       |       |       |       | 12.00 |                |     | 4                | 1   | 3      | 11  | 1,727 |
| 3                         | 5 P201        | COLUMN          | 35    |    |   | 3          | 9.00  | 4.00  | 22    | 3.00  |       |       |       |                |     | 821              | 9   | 810    | 4   | 2,536 |
| 39                        | 5 P202        | COLUMN          | 34S   |    |   | 11         | 9.25  | 2.50  |       |       |       |       | 3     | 9.00           |     | 12               | 11  | 12     | 9   | 519   |
| 40                        | 6 U201        | BEAM            | 13S   |    |   | 2          | 11.00 | 4     | 9.00  | 2     | 11.00 | 4     | 9.00  |                |     | 16               | 8   | 16     | 2   | 972   |
| 12                        | 6 U202        | BEAM            | 13S   |    |   | 4          | 3.00  | 4     | 9.00  | 4     | 3.00  | 4     | 9.00  |                |     | 19               | 4   | 18     | 10  | 340   |
| 24                        | 6 U203        | BEAM            | 10S   |    |   |            |       | 4     | 9.00  | 2     | 11.00 |       |       |                |     | 12               | 5   | 12     | 1   | 436   |
| 2                         | 4 U204        | BEAM            | 10S   |    |   |            |       | 12.00 | 4     | 3.00  |       |       |       |                |     | 6                | 3   | 6      | 1   | 9     |
| 198                       | 6 V200        | CECIP PILE      | 17    |    |   | 5          | 3.00  |       |       |       |       |       |       |                |     | 5                | 11  | 5      | 11  | 1,760 |
| 36                        | 8 V201        | COLUMN          | 20    |    |   | 17         | 8.00  |       |       |       |       |       |       |                |     | 17               | 8   | 17     | 8   | 1,699 |
| 33                        | 8 V202        | COLUMN          | 20    |    |   | 15         | 8.00  |       |       |       |       |       |       |                |     | 15               | 8   | 15     | 8   | 1,381 |
| 36                        | 8 V203        | COLUMN          | 17    |    |   | 14         | 8.00  |       |       |       |       |       |       |                |     | 15               | 7   | 15     | 7   | 1,498 |
| 33                        | 8 V204        | COLUMN          | 17    |    |   | 16         | 8.00  |       |       |       |       |       |       |                |     | 17               | 7   | 17     | 7   | 1,550 |
|                           |               | SUPERSTRUCTURE  |       |    |   |            |       |       |       |       |       |       |       |                |     |                  |     |        |     |       |
|                           |               | END BENT 1      |       |    |   |            |       |       |       |       |       |       |       |                |     |                  |     |        |     |       |
| 10                        | 6 F101        | DIAPHRAGM       | E 6   |    |   | 5          | 6.00  | 2     | 10.00 |       |       |       |       |                |     | 8                | 4   | 8      | 2   | 123   |
| 24                        | 6 F102        | WING BRACE      | E 15  |    |   | 20.00      |       | 5     | 3.25  | 20.00 | 14.00 | 14.00 | 14.00 | 14.00          |     | 8                | 7   | 8      | 6   | 307   |
| 32                        | 5 H101        | DIAPHRAGM       | E 19  |    |   | 2          | 0.00  | 15.00 |       |       |       |       |       |                |     | 3                | 3   | 3      | 1   | 103   |
| 4                         | 6 H102        | BEAM            | E 20  |    |   | 34         | 5.00  |       |       |       |       |       |       |                |     | 34               | 5   | 34     | 5   | 207   |
| 4                         | 6 H103        | BEAM            | E 20  |    |   | 34         | 5.00  |       |       |       |       |       |       |                |     | 34               | 5   | 34     | 5   | 207   |
| 4                         | 6 H104        | BEAM            | E 20  |    |   | 34         | 5.00  |       |       |       |       |       |       |                |     | 34               | 5   | 34     | 5   | 207   |
| 8                         | 6 H105        | BEAM            | E 18  |    |   | 2          | 1.00  |       |       |       |       |       |       |                |     | 3                | 6   | 3      | 6   | 43    |
| 5                         | 6 H106        | DIAPHRAGM       | E 20  |    |   | 34         | 5.00  |       |       |       |       |       |       |                |     | 34               | 5   | 34     | 5   | 259   |
| 12                        | 6 H107        | DIAPHRAGM       | E 20  |    |   | 8          | 0.00  |       |       |       |       |       |       |                |     | 8                | 0   | 8      | 0   | 145   |
| 3                         | 6 H108        | DIAPHRAGM       | E 20  |    |   | 5          | 5.00  |       |       |       |       |       |       |                |     | 5                | 5   | 5      | 5   | 25    |
| 8                         | 6 H109        | DIAPHRAGM       | E 20  |    |   | 3          | 3.00  |       |       |       |       |       |       |                |     | 3                | 3   | 3      | 3   | 40    |
| 2                         | 6 H110        | DIAPHRAGM       | E 20  |    |   | 2          | 0.00  |       |       |       |       |       |       |                |     | 2                | 0   | 2      | 0   | 7     |
| 4                         | 6 H111        | DIAPHRAGM       | E 20  |    |   | 34         | 5.00  |       |       |       |       |       |       |                |     | 34               | 5   | 34     | 5   | 207   |
| 4                         | 5 H112        | DIAPHRAGM       | E 20  |    |   | 5          | 9.00  |       |       |       |       |       |       |                |     | 5                | 9   | 5      | 9   | 24    |
| 16                        | 8 H113        | WING WALL       | E 20  |    |   | 18         | 6.00  |       |       |       |       |       |       |                |     | 18               | 6   | 18     | 6   | 791   |
| 24                        | 6 H114        | WING WALL       | E 6S  |    |   | 17         | 0.50  | 12.00 |       |       |       |       |       |                |     | 18               | 1   | 17     | 11  | 646   |
| 24                        | 6 H115        | WING WALL       | E 6S  |    |   | 17         | 0.50  | 12.00 |       |       |       |       |       |                |     | 18               | 1   | 17     | 11  | 646   |
| 180                       | 4 P100        | CECIP PILE      | E 34S |    |   | 3          | 1.75  | 2.00  |       |       |       |       | 12.00 |                |     | 4                | 1   | 3      | 11  | 471   |
| 43                        | 6 U101        | DIAPHRAGM       | E 19S |    |   | 3          | 0.00  | 4     | 3.50  |       |       |       |       |                |     | 7                | 4   | 7      | 2   | 463   |
| 19                        | 5 U102        | DIAPHRAGM       | E 10S |    |   |            |       | 5     | 6.00  | 2     | 4.00  |       |       |                |     | 13               | 4   | 13     | 1   | 260   |
| 19                        | 6 U103        | DIAPHRAGM       | E 19S |    |   | 4          | 4.00  | 2     | 10.00 |       |       |       |       |                |     | 7                | 2   | 7      | 0   | 200   |
| 12                        | 5 U104        | BEAM            | E 10S |    |   |            |       | 6     | 4.00  | 2     | 10.00 |       |       |                |     | 15               | 6   | 15     | 3   | 191   |
| 12                        | 4 U105        | BEAM            | E 10S |    |   |            |       | 2     | 9.00  | 2     | 10.00 |       |       |                |     | 8                | 4   | 8      | 2   | 66    |
| 16                        | 4 U106        | BEAM            | E 13S |    |   | 2          | 10.00 | 2     | 9.00  | 2     | 10.00 | 2     | 9.00  |                |     | 11               | 11  | 11     | 8   | 125   |
| 54                        | 6 V100        | CECIP PILE      | E 17  |    |   | 5          | 3.00  |       |       |       |       |       |       |                |     | 5                | 11  | 5      | 11  | 480   |
| 20                        | 6 V101        | DIAPHRAGM       | E 20  |    |   | 4          | 7.00  |       |       |       |       |       |       |                |     | 4                | 7   | 4      | 7   | 138   |
| 14                        | 5 V102        | BEAM            | E 20  |    |   | 6          | 4.00  |       |       |       |       |       |       |                |     | 6                | 4   | 6      | 4   | 93    |
| 4                         | 6 V103        | WING WALL       | E 20  |    |   | 8          | 6.00  |       |       |       |       |       |       |                |     | 8                | 6   | 8      | 6   | 52    |
| 64                        | 6 V104        | WING WALL       | E 20  | 4  |   | 8          | 6.00  |       |       |       |       |       |       |                |     | 8                | 6   | 8      | 6   |       |
|                           |               | INCR = 0.07 IN. |       |    |   | 8          | 7.00  |       |       |       |       |       |       |                |     | 8                | 7   | 8      | 7   | 822   |
|                           |               |                 |       |    |   |            |       |       |       |       |       |       |       |                |     |                  |     |        |     |       |
|                           |               |                 |       |    |   |            |       |       |       |       |       |       |       |                |     |                  |     |        |     |       |
|                           |               |                 |       |    |   |            |       |       |       |       |       |       |       |                |     |                  |     |        |     |       |
|                           |               |                 |       |    |   |            |       |       |       |       |       |       |       |                |     |                  |     |        |     |       |
|                           |               |                 |       |    |   |            |       |       |       |       |       |       |       |                |     |                  |     |        |     |       |
|                           |               |                 |       |    |   |            |       |       |       |       |       |       |       |                |     |                  |     |        |     |       |
|                           |               |                 |       |    |   |            |       |       |       |       |       |       |       |                |     |                  |     |        |     |       |
|                           |               |                 |       |    |   |            |       |       |       |       |       |       |       |                |     |                  |     |        |     |       |
|                           |               |                 |       |    |   |            |       |       |       |       |       |       |       |                |     |                  |     |        |     |       |
|                           |               |                 |       |    |   |            |       |       |       |       |       |       |       |                |     |                  |     |        |     |       |
|                           |               |                 |       |    |   |            |       |       |       |       |       |       |       |                |     |                  |     |        |     |       |
|                           |               |                 |       |    |   |            |       |       |       |       |       |       |       |                |     |                  |     |        |     |       |
|                           |               |                 |       |    |   |            |       |       |       |       |       |       |       |                |     |                  |     |        |     |       |
|                           |               |                 |       |    |   |            |       |       |       |       |       |       |       |                |     |                  |     |        |     |       |
|                           |               |                 |       |    |   |            |       |       |       |       |       |       |       |                |     |                  |     |        |     |       |
|                           |               |                 |       |    |   |            |       |       |       |       |       |       |       |                |     |                  |     |        |     |       |
|                           |               |                 |       |    |   |            |       |       |       |       |       |       |       |                |     |                  |     |        |     |       |
|                           |               |                 |       |    |   |            |       |       |       |       |       |       |       |                |     |                  |     |        |     |       |
|                           |               |                 |       |    |   |            |       |       |       |       |       |       |       |                |     |                  |     |        |     |       |
|                           |               |                 |       |    |   |            |       |       |       |       |       |       |       |                |     |                  |     |        |     |       |
|                           |               |                 |       |    |   |            |       |       |       |       |       |       |       |                |     |                  |     |        |     |       |
|                           |               |                 |       |    |   |            |       | </    |       |       |       |       |       |                |     |                  |     |        |     |       |

Nominal lengths are based on out to out dimensions shown in bending diagrams and are listed to the nearest inch for fabricator's use. Actual lengths are measured along centerline bar to the nearest inch. Weights are based on actual lengths.

For bending diagrams and steel reinforcing totals, see Sheet No. 26.

Detailed Dec. 2025  
Checked Dec. 2025

Reinforcing steel (ASTM A706 Grade 60) fy = 60,000 psi

### BILL OF REINFORCING STEEL 1

Note: This drawing is not to scale. Follow dimensions.

Sheet No. 27 of 38

pw://cmtengr-pw.bentley.com:cmt-connect-projects/Documents/MoDOT/US67 Freeway Conversion - Phase 3/040908/Structures/Sheets/A9597/Plan Sheet DGNs/B\_A9597\_027\_JST0062\_Bill\_of\_Reinforcing.dgn 11:28:06 AM 7/30/2026

| Bill of Reinforcing Steel |               |                 |       |     |   |            |       |    |       |       |       |       |       |      |       |        |       |        |     |    |        |        |        |
|---------------------------|---------------|-----------------|-------|-----|---|------------|-------|----|-------|-------|-------|-------|-------|------|-------|--------|-------|--------|-----|----|--------|--------|--------|
| No.<br>Req.               | Size/<br>Mark | Location        | Codes |     |   | Dimensions |       |    |       |       |       |       |       | Nom. |       | Actual |       | Weight |     |    |        |        |        |
|                           |               |                 |       |     |   | B          |       | C  |       | D     |       | E     |       | F    |       | H      |       |        | K   |    | Length |        | Length |
|                           |               |                 | C     | SH  | V | ft         | in.   | ft | in.   | ft    | in.   | ft    | in.   | ft   | in.   | ft     | in.   | ft     | in. | ft | in.    | lb     |        |
|                           |               | END BENT 3      |       |     |   |            |       |    |       |       |       |       |       |      |       |        |       |        |     |    |        |        |        |
| 10                        | 6 F301        | DIAPHRAGM       | E     | 6   |   | 5          | 6.00  | 2  | 10.00 |       |       |       |       |      |       |        |       | 8      | 4   | 8  | 2      | 123    |        |
| 24                        | 6 F302        | WING BRACE      | E     | 15  |   |            | 20.00 | 5  | 3.25  |       | 20.00 |       | 14.00 |      | 14.00 |        | 14.00 | 8      | 7   | 8  | 6      | 307    |        |
| 32                        | 5 H301        | DIAPHRAGM       | E     | 19  |   | 2          | 0.00  |    | 15.00 |       |       |       |       |      |       |        |       | 3      | 3   | 3  | 1      | 103    |        |
| 4                         | 6 H302        | BEAM            | E     | 20  |   | 34         | 5.00  |    |       |       |       |       |       |      |       |        |       | 34     | 5   | 34 | 5      | 207    |        |
| 4                         | 6 H303        | BEAM            | E     | 20  |   | 34         | 5.00  |    |       |       |       |       |       |      |       |        |       | 34     | 5   | 34 | 5      | 207    |        |
| 4                         | 6 H304        | BEAM            | E     | 20  |   | 34         | 5.00  |    |       |       |       |       |       |      |       |        |       | 34     | 5   | 34 | 5      | 207    |        |
| 8                         | 6 H305        | BEAM            | E     | 18  |   | 2          | 1.00  |    |       |       |       |       |       |      |       |        |       | 3      | 6   | 3  | 6      | 43     |        |
| 5                         | 6 H306        | DIAPHRAGM       | E     | 20  |   | 34         | 5.00  |    |       |       |       |       |       |      |       |        |       | 34     | 5   | 34 | 5      | 259    |        |
| 12                        | 6 H307        | DIAPHRAGM       | E     | 20  |   | 8          | 0.00  |    |       |       |       |       |       |      |       |        |       | 8      | 0   | 8  | 0      | 145    |        |
| 3                         | 6 H308        | DIAPHRAGM       | E     | 20  |   | 5          | 5.00  |    |       |       |       |       |       |      |       |        |       | 5      | 5   | 5  | 5      | 25     |        |
| 8                         | 6 H309        | DIAPHRAGM       | E     | 20  |   | 3          | 3.00  |    |       |       |       |       |       |      |       |        |       | 3      | 3   | 3  | 3      | 40     |        |
| 2                         | 6 H310        | DIAPHRAGM       | E     | 20  |   | 2          | 0.00  |    |       |       |       |       |       |      |       |        |       | 2      | 0   | 2  | 0      | 7      |        |
| 4                         | 6 H311        | DIAPHRAGM       | E     | 20  |   | 34         | 5.00  |    |       |       |       |       |       |      |       |        |       | 34     | 5   | 34 | 5      | 207    |        |
| 4                         | 5 H312        | DIAPHRAGM       | E     | 20  |   | 5          | 9.00  |    |       |       |       |       |       |      |       |        |       | 5      | 9   | 5  | 9      | 24     |        |
| 16                        | 8 H313        | WING WALL       | E     | 20  |   | 18         | 6.00  |    |       |       |       |       |       |      |       |        |       | 18     | 6   | 18 | 6      | 791    |        |
| 24                        | 6 H314        | WING WALL       | E     | 65  |   | 17         | 0.50  |    | 12.00 |       |       |       |       |      |       |        |       | 18     | 1   | 17 | 11     | 646    |        |
| 24                        | 6 H315        | WING WALL       | E     | 65  |   | 17         | 0.50  |    | 12.00 |       |       |       |       |      |       |        |       | 18     | 1   | 17 | 11     | 646    |        |
| 180                       | 4 P300        | CECIP PILE      | E     | 34S |   | 3          | 1.75  |    | 2.00  |       |       |       |       |      | 12.00 |        |       | 4      | 1   | 3  | 11     | 471    |        |
| 43                        | 6 U301        | DIAPHRAGM       | E     | 19S |   | 3          | 0.00  |    | 4     | 3.50  |       |       |       |      |       |        |       | 7      | 4   | 7  | 2      | 463    |        |
| 19                        | 5 U302        | DIAPHRAGM       | E     | 10S |   |            |       |    | 5     | 6.00  |       | 2     | 4.00  |      |       |        |       | 13     | 4   | 13 | 1      | 260    |        |
| 19                        | 6 U303        | DIAPHRAGM       | E     | 19S |   | 4          | 4.00  |    | 2     | 10.00 |       |       |       |      |       |        |       | 7      | 2   | 7  | 0      | 200    |        |
| 12                        | 5 U304        | BEAM            | E     | 10S |   |            |       |    | 6     | 4.00  |       | 2     | 10.00 |      |       |        |       | 15     | 6   | 15 | 3      | 191    |        |
| 12                        | 4 U305        | BEAM            | E     | 10S |   |            |       |    | 2     | 9.00  |       | 2     | 10.00 |      |       |        |       | 8      | 4   | 8  | 2      | 66     |        |
| 16                        | 4 U306        | BEAM            | E     | 13S |   | 2          | 10.00 |    | 2     | 9.00  |       | 2     | 10.00 |      | 2     | 9.00   |       | 11     | 11  | 11 | 8      | 125    |        |
| 54                        | 6 V300        | CECIP PILE      | E     | 17  |   | 5          | 3.00  |    |       |       |       |       |       |      |       |        |       | 5      | 11  | 5  | 11     | 480    |        |
| 20                        | 6 V301        | DIAPHRAGM       | E     | 20  |   | 4          | 7.00  |    |       |       |       |       |       |      |       |        |       | 4      | 7   | 4  | 7      | 138    |        |
| 14                        | 5 V302        | BEAM            | E     | 20  |   | 6          | 4.00  |    |       |       |       |       |       |      |       |        |       | 6      | 4   | 6  | 4      | 93     |        |
| 4                         | 6 V303        | WING WALL       | E     | 20  |   | 8          | 6.00  |    |       |       |       |       |       |      |       |        |       | 8      | 6   | 8  | 6      | 52     |        |
| 64                        | 6 V304        | WING WALL       | E     | 20  | 4 | 8          | 6.00  |    |       |       |       |       |       |      |       |        |       | 8      | 6   | 8  | 6      |        |        |
|                           |               | INCR = 0.07 IN. |       |     |   | 8          | 7.00  |    |       |       |       |       |       |      |       |        |       | 8      | 7   | 8  | 7      | 822    |        |
|                           |               |                 |       |     |   |            |       |    |       |       |       |       |       |      |       |        |       |        |     |    |        |        |        |
|                           |               | INT. DIAPHRAGM  |       |     |   |            |       |    |       |       |       |       |       |      |       |        |       |        |     |    |        |        |        |
| 6                         | 6 H240        | DIAPHRAGM       | E     | 20  |   | 5          | 6.00  |    |       |       |       |       |       |      |       |        |       | 5      | 6   | 5  | 6      | 50     |        |
| 6                         | 6 H241        | DIAPHRAGM       | E     | 20  |   | 7          | 11.00 |    |       |       |       |       |       |      |       |        |       | 7      | 11  | 7  | 11     | 72     |        |
| 24                        | 4 H242        | DIAPHRAGM       | E     | 20  |   | 8          | 2.00  |    |       |       |       |       |       |      |       |        |       | 8      | 2   | 8  | 2      | 131    |        |
| 4                         | 5 H243        | DIAPHRAGM       | E     | 20  |   | 5          | 9.00  |    |       |       |       |       |       |      |       |        |       | 5      | 9   | 5  | 9      | 24     |        |
| 4                         | 5 H244        | DIAPHRAGM       | E     | 20  |   | 5          | 1.00  |    |       |       |       |       |       |      |       |        |       | 5      | 1   | 5  | 1      | 22     |        |
| 30                        | 4 U240        | DIAPHRAGM       | E     | 28S |   |            |       |    | 15.00 |       | 5     | 9.00  |       | 2    | 4.00  |        |       | 9      | 4   | 9  | 2      | 184    |        |
| 12                        | 6 U241        | DIAPHRAGM       | E     | 28S |   |            |       |    | 22.00 |       | 5     | 9.00  |       | 3    | 0.25  |        |       | 10     | 7   | 10 | 3      | 185    |        |
| 12                        | 6 U242        | DIAPHRAGM       | E     | 28S |   |            |       |    | 22.00 |       | 4     | 11.00 |       | 3    | 0.25  |        |       | 9      | 9   | 9  | 5      | 170    |        |
| 8                         | 6 U243        | DIAPHRAGM       | E     | 28S |   |            |       |    | 2     | 2.00  |       | 4     | 10.00 |      | 18.50 |        |       | 8      | 7   | 8  | 3      | 100    |        |
| 4                         | 5 U244        | DIAPHRAGM       | E     | 6S  |   | 4          | 10.00 |    | 10.50 |       |       |       |       |      |       |        |       | 5      | 9   | 5  | 7      | 24     |        |
| 20                        | 5 U245        | DIAPHRAGM       | E     | 6S  |   | 4          | 10.00 |    | 10.50 |       | 20.00 |       |       |      |       |        |       | 7      | 5   | 7  | 2      | 150    |        |
| 8                         | 5 V240        | DIAPHRAGM       | E     | 20  |   | 5          | 8.00  |    |       |       |       |       |       |      |       |        |       | 5      | 8   | 5  | 8      | 48     |        |
|                           |               |                 |       |     |   |            |       |    |       |       |       |       |       |      |       |        |       |        |     |    |        |        |        |
|                           |               | SLAB            |       |     |   |            |       |    |       |       |       |       |       |      |       |        |       |        |     |    |        |        |        |
| 58                        | 6 S1          | SLAB            | E     | 20  |   | 60         | 0.00  |    |       |       |       |       |       |      |       |        |       | 60     | 0   | 60 | 0      | 5,227  |        |
| 87                        | 8 S2          | SLAB            | E     | 20  |   | 46         | 7.00  |    |       |       |       |       |       |      |       |        |       | 46     | 7   | 46 | 7      | 10,821 |        |
| 260                       | 6 S3          | SLAB            | E     | 20  |   | 52         | 3.00  |    |       |       |       |       |       |      |       |        |       | 52     | 3   | 52 | 3      | 20,405 |        |
| 52                        | 8 S4          | SLAB            | E     | 20  |   | 48         | 0.00  |    |       |       |       |       |       |      |       |        |       | 48     | 0   | 48 | 0      | 6,665  |        |
| 483                       | 6 S5          | SLAB            | E     | 20  |   | 34         | 5.00  |    |       |       |       |       |       |      |       |        |       | 34     | 5   | 34 | 5      | 24,969 |        |
| 483                       | 5 S6          | SLAB            | E     | 20  |   | 34         | 5.00  |    |       |       |       |       |       |      |       |        |       | 34     | 5   | 34 | 5      | 17,339 |        |
|                           |               |                 |       |     |   |            |       |    |       |       |       |       |       |      |       |        |       |        |     |    |        |        |        |
|                           |               | TYPE D BARRIER  |       |     |   |            |       |    |       |       |       |       |       |      |       |        |       |        |     |    |        |        |        |
| 493                       | 5 R1          | BARRIER         | E     | 26  |   | 3          | 3.00  |    | 5.50  |       | 2.25  | 3     | 1.25  |      | 5.50  | 3      | 0.75  | 6.75   | 7   | 0  | 6      | 9      | 3,471  |
| 493                       | 5 R2          | BARRIER         | E     | 19S |   |            | 20.50 |    | 9.50  |       |       |       |       |      |       |        |       | 2      | 6   | 2  | 5      | 1,243  |        |
| 493                       | 5 R3          | BARRIER         | E     | 27S |   |            |       |    | 9.50  |       | 15.25 |       | 5.00  |      | 12.00 |        | 15.00 | 3      | 6   | 3  | 3      | 1,672  |        |
| 40                        | 5 R4          | BARRIER         | E     | 20  |   | 11         | 8.00  |    |       |       |       |       |       |      |       |        |       | 11     | 8   | 11 | 8      | 487    |        |
| 80                        | 5 R5          | BARRIER         | E     | 20  |   | 55         | 6.00  |    |       |       |       |       |       |      |       |        |       | 55     | 6   | 55 | 6      | 4,631  |        |
| 1                         | 5 R6          | BARRIER         | E     | 20  |   | 6          | 0.00  |    |       |       |       |       |       |      |       |        |       | 6      | 0   | 6  | 0      | 7      |        |









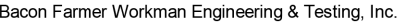
## PAGE 1 OF 3

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|                     |                                                   |                       |                                     |
|---------------------|---------------------------------------------------|-----------------------|-------------------------------------|
| CLIENT              | Crawford, Murphy, & Tilly                         | PROJECT NAME          | US 67 Phase 4: CR 278 over Route 67 |
| PROJECT NUMBER      | 20284                                             | PROJECT LOCATION      | Neelyville, MO                      |
| DATE STARTED        | 3/11/25                                           | COMPLETED             | 3/12/25                             |
| DRILLING CONTRACTOR | BFW                                               | DRILLED BY            | J. Stevens                          |
| DRILLING METHOD     | HSA and Mud Rotary (Diedrich D-50, track-mounted) |                       |                                     |
| LOGGED BY           | A. Thompson                                       | CHECKED BY            | M. Kaufman                          |
| STATION             | 20+03.89                                          | OFFSET                | -23.75                              |
|                     |                                                   | GROUND WATER LEVELS:  |                                     |
|                     |                                                   | ▽ AT TIME OF DRILLING | 7.50 ft / Elev 282.82 ft            |
|                     |                                                   | AT END OF DRILLING    | ---                                 |
|                     |                                                   | AFTER DRILLING        | ---                                 |

[illegible]

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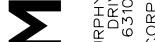


## PAGE 2 OF 3

|                                         |                                                         |
|-----------------------------------------|---------------------------------------------------------|
| <b>CLIENT</b> Crawford, Murphy, & Tilly | <b>PROJECT NAME</b> US 67 Phase 4: CR 278 over Route 67 |
| <b>PROJECT NUMBER</b> 20284             | <b>PROJECT LOCATION</b> Neelyville, MO                  |

[illegible]

(Continued Next Page)



43 AM 7/30/20

Note: For locations of borings, see Sheet No. 1.

Detailed Dec. 2025  
Checked Dec. 2025

Note: This drawing is not to scale. Follow dimensions. Sheet No. 30 of 38

pw://cmtengr-pw.bentley.com:cmt-connect-projects/Documents/ModOT/US67 Freeway Conversion - Phase 3/040908/Structures/Sheets/A9597/Plan Sheet DGNs/B A9597 030 JST0062 Boring Log 1 11:28:43 AM 7/30/2026