

| N OF RTE P                                 | S RTE OF P        |
|--------------------------------------------|-------------------|
| AADT - 2023 = 926                          | AADT - 2023 = 761 |
| AADT - 2045 = 1043                         | AADT - 2045 = 888 |
| DHV = 6%                                   | DHV = 6%          |
| T = 10%                                    | T = 10%           |
| V = 55 MPH                                 | V = 55 MPH        |
| FUNCTIONAL CLASSIFICATION- MAJOR COLLECTOR |                   |

NO NEW RIGHT OF WAY

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

NOTE: DASHED OR OPEN SYMBOLS INDICATE  
EXISTING FEATURES

# MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

## PLANS FOR PROPOSED

### STATE HIGHWAY

#### OREGON COUNTY

**KEY MAP**  
LOCATION OF OREGON COUNTY

LOG MI 0.020

PROJECT LIMITS  
SCRUB SEAL AND SHOULDERING

LOG MI 9.620

R7W|R6W R6W|R5W

T24N  
T23N

T23N  
T22N

WARM FORK CA

KOSHKONONG

Culp Ford

Elliot Ford

Hunter Crossing

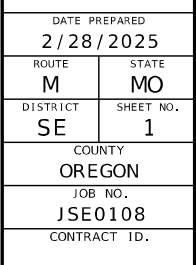
Rover

CRD 427, CRD 423, CRD 343, CRD 342, CRD 344, CRD 341, CRD 345, CRD 346, CRD 347, CRD 348, CRD 349, CRD 350, CRD 351, CRD 352, CRD 353, CRD 354, CRD 355, CRD 356, CRD 357, CRD 358, CRD 359, CRD 360, CRD 361, CRD 362, CRD 363, CRD 364, CRD 365, CRD 366, CRD 367, CRD 368, CRD 369, CRD 370, CRD 371, CRD 372, CRD 373, CRD 374, CRD 375, CRD 376, CRD 377, CRD 378, CRD 379, CRD 380, CRD 381, CRD 382, CRD 383, CRD 384, CRD 385, CRD 386, CRD 387, CRD 388, CRD 389, CRD 390, CRD 391, CRD 392, CRD 393, CRD 394, CRD 395, CRD 396, CRD 397, CRD 398, CRD 399, CRD 400, CRD 401, CRD 402, CRD 403, CRD 404, CRD 405, CRD 406, CRD 407, CRD 408, CRD 409, CRD 410, CRD 411, CRD 412, CRD 413, CRD 414, CRD 415, CRD 416, CRD 417, CRD 418, CRD 419, CRD 420, CRD 421, CRD 422, CRD 423, CRD 424, CRD 425, CRD 426, CRD 427, CRD 428, CRD 429, CRD 430, CRD 431, CRD 432, CRD 433, CRD 434, CRD 435, CRD 436, CRD 437, CRD 438, CRD 439, CRD 440, CRD 441, CRD 442, CRD 443, CRD 444, CRD 445, CRD 446, CRD 447, CRD 448, CRD 449, CRD 450, CRD 451, CRD 452, CRD 453, CRD 454, CRD 455, CRD 456, CRD 457, CRD 458, CRD 459, CRD 460, CRD 461, CRD 462, CRD 463, CRD 464, CRD 465, CRD 466, CRD 467, CRD 468, CRD 469, CRD 470, CRD 471, CRD 472, CRD 473, CRD 474, CRD 475, CRD 476, CRD 477, CRD 478, CRD 479, CRD 480, CRD 481, CRD 482, CRD 483, CRD 484, CRD 485, CRD 486, CRD 487, CRD 488, CRD 489, CRD 490, CRD 491, CRD 492, CRD 493, CRD 494, CRD 495, CRD 496, CRD 497, CRD 498, CRD 499, CRD 500, CRD 501, CRD 502, CRD 503, CRD 504, CRD 505, CRD 506, CRD 507, CRD 508, CRD 509, CRD 510, CRD 511, CRD 512, CRD 513, CRD 514, CRD 515, CRD 516, CRD 517, CRD 518, CRD 519, CRD 520, CRD 521, CRD 522, CRD 523, CRD 524, CRD 525, CRD 526, CRD 527, CRD 528, CRD 529, CRD 530, CRD 531, CRD 532, CRD 533, CRD 534, CRD 535, CRD 536, CRD 537, CRD 538, CRD 539, CRD 540, CRD 541, CRD 542, CRD 543, CRD 544, CRD 545, CRD 546, CRD 547, CRD 548, CRD 549, CRD 550, CRD 551, CRD 552, CRD 553, CRD 554, CRD 555, CRD 556, CRD 557, CRD 558, CRD 559, CRD 560, CRD 561, CRD 562, CRD 563, CRD 564, CRD 565, CRD 566, CRD 567, CRD 568, CRD 569, CRD 570, CRD 571, CRD 572, CRD 573, CRD 574, CRD 575, CRD 576, CRD 577, CRD 578, CRD 579, CRD 580, CRD 581, CRD 582, CRD 583, CRD 584, CRD 585, CRD 586, CRD 587, CRD 588, CRD 589, CRD 590, CRD 591, CRD 592, CRD 593, CRD 594, CRD 595, CRD 596, CRD 597, CRD 598, CRD 599, CRD 600, CRD 601, CRD 602, CRD 603, CRD 604, CRD 605, CRD 606, CRD 607, CRD 608, CRD 609, CRD 610, CRD 611, CRD 612, CRD 613, CRD 614, CRD 615, CRD 616, CRD 617, CRD 618, CRD 619, CRD 620, CRD 621, CRD 622, CRD 623, CRD 624, CRD 625, CRD 626, CRD 627, CRD 628, CRD 629, CRD 630, CRD 631, CRD 632, CRD 633, CRD 634, CRD 635, CRD 636, CRD 637, CRD 638, CRD 639, CRD 640, CRD 641, CRD 642, CRD 643, CRD 644, CRD 645, CRD 646, CRD 647, CRD 648, CRD 649, CRD 650, CRD 651, CRD 652, CRD 653, CRD 654, CRD 655, CRD 656, CRD 657, CRD 658, CRD 659, CRD 660, CRD 661, CRD 662, CRD 663, CRD 664, CRD 665, CRD 666, CRD 667, CRD 668, CRD 669, CRD 670, CRD 671, CRD 672, CRD 673, CRD 674, CRD 675, CRD 676, CRD 677, CRD 678, CRD 679, CRD 680, CRD 681, CRD 682, CRD 683, CRD 684, CRD 685, CRD 686, CRD 687, CRD 688, CRD 689, CRD 690, CRD 691, CRD 692, CRD 693, CRD 694, CRD 695, CRD 696, CRD 697, CRD 698, CRD 699, CRD 700, CRD 701, CRD 702, CRD 703, CRD 704, CRD 705, CRD 706, CRD 707, CRD 708, CRD 709, CRD 710, CRD 711, CRD 712, CRD 713, CRD 714, CRD 715, CRD 716, CRD 717, CRD 718, CRD 719, CRD 720, CRD 721, CRD 722, CRD 723, CRD 724, CRD 725, CRD 726, CRD 727, CRD 728, CRD 729, CRD 730, CRD 731, CRD 732, CRD 733, CRD 734, CRD 735, CRD 736, CRD 737, CRD 738, CRD 739, CRD 740, CRD 741, CRD 742, CRD 743, CRD 744, CRD 745, CRD 746, CRD 747, CRD 748, CRD 749, CRD 750, CRD 751, CRD 752, CRD 753, CRD 754, CRD 755, CRD 756, CRD 757, CRD 758, CRD 759, CRD 760, CRD 761, CRD 762, CRD 763, CRD 764, CRD 765, CRD 766, CRD 767, CRD 768, CRD 769, CRD 770, CRD 771, CRD 772, CRD 773, CRD 774, CRD 775, CRD 776, CRD 777, CRD 778, CRD 779, CRD 780, CRD 781, CRD 782, CRD 783, CRD 784, CRD 785, CRD 786, CRD 787, CRD 788, CRD 789, CRD 790, CRD 791, CRD 792, CRD 793, CRD 794, CRD 795, CRD 796, CRD 797, CRD 798, CRD 799, CRD 800, CRD 801, CRD 802, CRD 803, CRD 804, CRD 805, CRD 806, CRD 807, CRD 808, CRD 809, CRD 810, CRD 811, CRD 812, CRD 813, CRD 814, CRD 815, CRD 816, CRD 817, CRD 818, CRD 819, CRD 820, CRD 821, CRD 822, CRD 823, CRD 824, CRD 825, CRD 826, CRD 827, CRD 828, CRD 829, CRD 830, CRD 831, CRD 832, CRD 833, CRD 834, CRD 835, CRD 836, CRD 837, CRD 838, CRD 839, CRD 840, CRD 841, CRD 842, CRD 843, CRD 844, CRD 845, CRD 846, CRD 847, CRD 848, CRD 849, CRD 850, CRD 851, CRD 852, CRD 853, CRD 854, CRD 855, CRD 856, CRD 857, CRD 858, CRD 859, CRD 860, CRD 861, CRD 862, CRD 863, CRD 864, CRD 865, CRD 866, CRD 867, CRD 868, CRD 869, CRD 870, CRD 871, CRD 872, CRD 873, CRD 874, CRD 875, CRD 876, CRD 877, CRD 878, CRD 879, CRD 880, CRD 881, CRD 882, CRD 883, CRD 884, CRD 885, CRD 886, CRD 887, CRD 888, CRD 889, CRD 890, CRD 891, CRD 892, CRD 893, CRD

| DESCRIPTION                         | SHEET<br>NUMBER |
|-------------------------------------|-----------------|
| TITLE SHEET -----                   | 1               |
| TYPICAL SECTIONS (TS) (2 SHEETS)--- | 2               |
| QUANTITIES (QU) (5 SHEETS)-----     | 3               |
| PLAN-PROFILE (PP)-----              | 4-8             |
| SPECIAL SHEETS (SS)-----            | 9-11            |
| TRAFFIC CONTROL SHEETS (TC)-----    | 12-13           |
| EROSION CONTROL SHEETS (EC)-----    | 14-15           |
| SIGNING (SN)-----                   | 16-19           |
| CULVERT SECTIONS (CS)-----          | 20-34           |
| BRIDGE DRAWINGS (B)                 |                 |
| T0432-----                          | 1-4             |

|                          |        |               |
|--------------------------|--------|---------------|
| BEGINNING OF PROJECT     | LOG MI | 0.020         |
| END OF PROJECT           | LOG MI | 9.620         |
| APPARENT LENGTH          |        | 50688.00 FEET |
| EQUATIONS AND EXCEPTIONS |        |               |

|                           |               |
|---------------------------|---------------|
| TOTAL CORRECTIONS         | 0 FEET        |
| NET LENGTH OF PROJECT     | 50688.00 FEET |
| STATE LENGTH              | 9.600 MILES   |
| FOR INFORMATION ONLY      |               |
| ESTIMATED DISTURBED ACRES | 23 ACRES      |



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

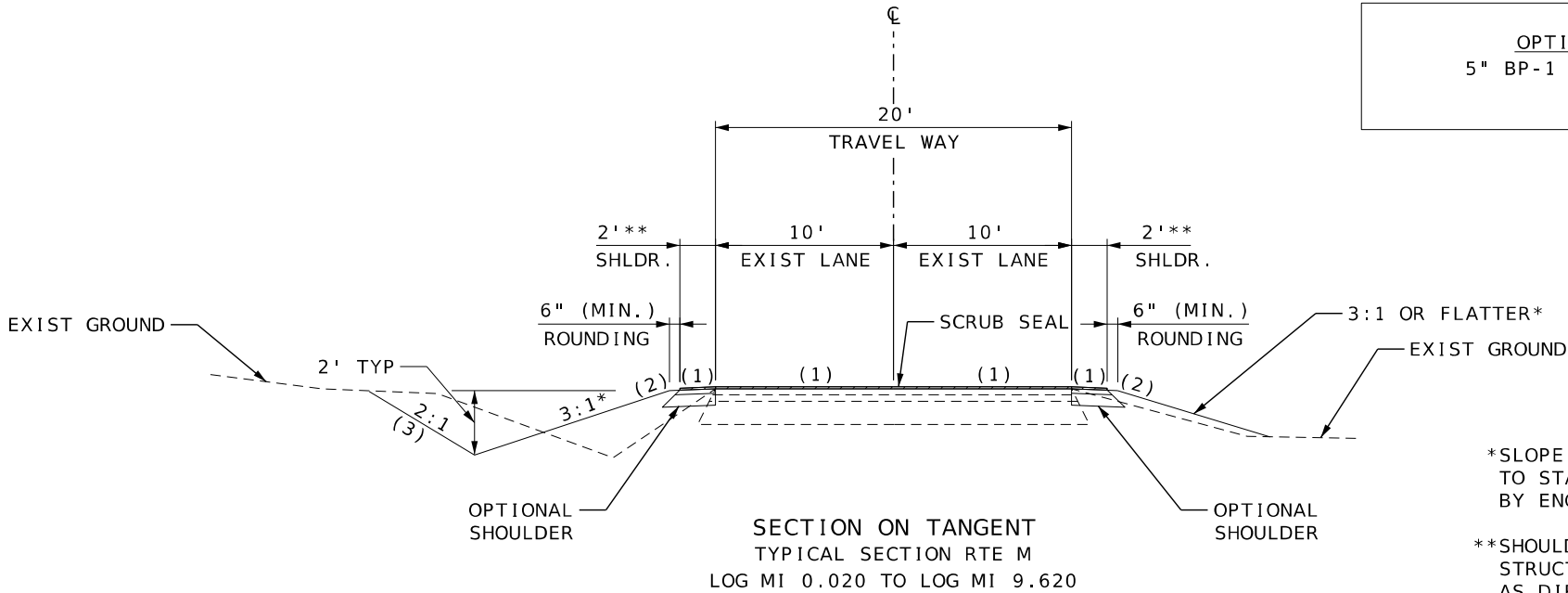
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MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

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



- (1) MATCH EXISTING TRAVELWAY CROSS SLOPE  
(2) BRING FINISHED GRADE UP TO PAVEMENT EDGE  
(3) THE BACK SLOPE SHALL BE EXCAVATED ONLY TO THE EXTENT NECESSARY TO CONFORM WITH THE LINES AND GRADES OF THE TYPICAL SECTION. THE BACKSLOPE SHALL NOT BE EXCAVATED FOR THE SOLE PURPOSE OF GENERATING EMBANKMENT MATERIAL.

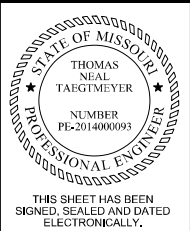


OPTIONAL SHOULDER  
5" BP-1 PG64-22 OR 5" PCC  
OR 5" RCC

\*SLOPE MAY BE STEEPEND TO A MAX OF 2:1, TO STAY WITHIN RIGHT OF WAY, OR AS DIRECTED BY ENGINEER  
\*\*SHOULDER WIDTH MAY BE REDUCED ACROSS DRAINAGE STRUCTURES OR IN AREAS DUE TO FEASIBILITY, AS DIRECTED BY ENGINEER

NOTES:  
ANY EXISTING PAVEMENT SHOWN IS FOR INFORMATIONAL PURPOSES ONLY.  
ANY SAWCUTS REQUIRED FOR INSTALLATION SHALL BE AT NO DIRECT PAY.  
PROVIDE CLEAN STRAIGHT EDGE BETWEEN EXISTING PAVEMENT AND OPTIONAL SHOULDER AT NO DIRECT PAY. METHOD SHALL BE APPROVED BY THE ENGINEER.  
INSTALL SAFETY EDGE ON ALL SHOULDER PAVEMENT WIDTHS ≤ 4'.

TYPICAL SECTIONS  
SHEET 1 OF 2  
DRAWING NOT TO SCALE



|                            |                |
|----------------------------|----------------|
| DATE PREPARED<br>2/28/2025 |                |
| ROUTE<br>M                 | STATE<br>MO    |
| DISTRICT<br>SE             | SHEET NO.<br>2 |
| COUNTY<br>OREGON           |                |
| JOB NO.<br>JSE0108         |                |
| CONTRACT ID.               |                |
| PROJECT NO.                |                |
| BRIDGE NO.                 |                |

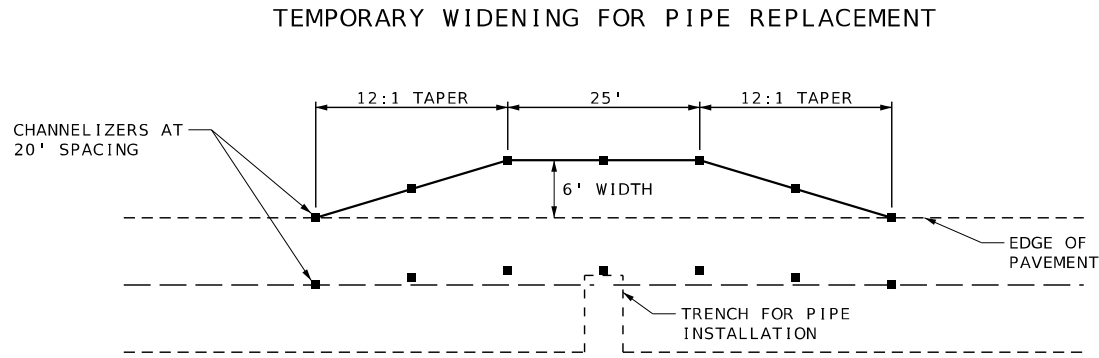
| DESCRIPTION | DATE |
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

**Pickering**  
Pickering Firm, Inc.  
101 South Church Street, Suite 303  
Jonesboro, AR 72401  
Phone: 870.336.0117  
Missouri Certificate of Authority No. 2012006790



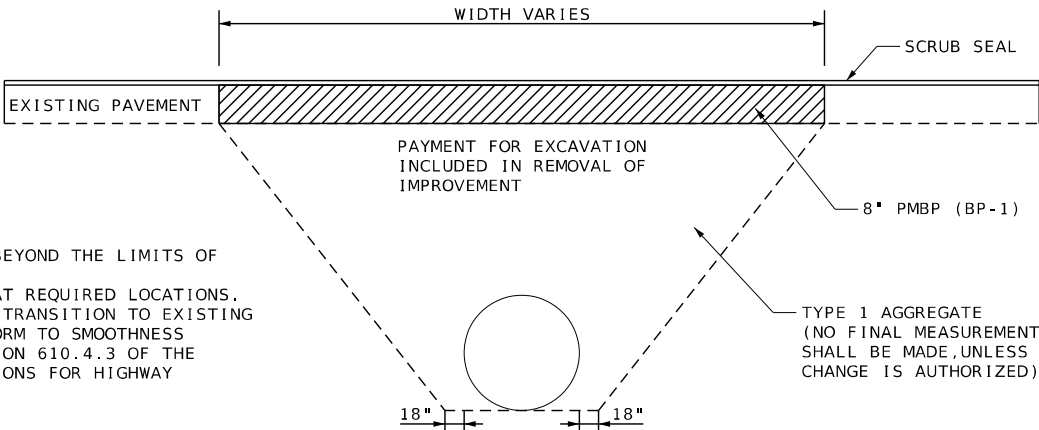


TOP ELEVATION  
TEMPORARY WIDENING RTE M

|                |                |                |
|----------------|----------------|----------------|
| LOG MILE 0.101 | LOG MILE 3.935 | LOG MILE 6.730 |
| LOG MILE 1.689 | LOG MILE 4.079 | LOG MILE 6.874 |
| LOG MILE 1.922 | LOG MILE 4.361 | LOG MILE 7.342 |
| LOG MILE 2.433 | LOG MILE 4.644 | LOG MILE 7.697 |
| LOG MILE 2.566 | LOG MILE 4.985 | LOG MILE 8.480 |
| LOG MILE 3.007 | LOG MILE 5.095 | LOG MILE 8.940 |
| LOG MILE 3.276 | LOG MILE 5.278 | LOG MILE 9.065 |
| LOG MILE 3.367 | LOG MILE 5.389 | LOG MILE 9.178 |
| LOG MILE 3.619 | LOG MILE 6.443 | LOG MILE 9.472 |
| LOG MILE 3.777 | LOG MILE 6.594 |                |

- FOR USE WITH TWO-WAY ONE-LANE FLAGGING OPERATION.
- SURFACE WITH 6" GRAVEL A OR CRUSHED STONE B AT NO DIRECT PAY.
- GRADING REQUIRED TO CONSTRUCT AND REMOVE TEMPORARY WIDENING TO BE PAID AS LINEAR GRADING, CLASS 2.
- NO DIRECT PAY FOR MAINTAINING AND REMOVAL OF TEMPORARY WIDENING.
- MAINTAIN A MINIMUM TRAVELWAY WIDTH OF 12'.

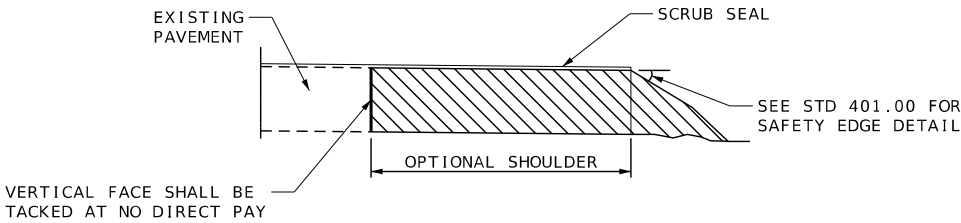
PIPE INSTALLATION FOR REPLACEMENT  
OF CROSSROAD CULVERTS



- BACKFILL WITH DIRT BEYOND THE LIMITS OF THE PAVED SHOULDER.
- BACKFILL WITH ROCK AT REQUIRED LOCATIONS.
- PAVEMENT REPAIR AND TRANSITION TO EXISTING PAVEMENT SHALL CONFORM TO SMOOTHNESS REQUIREMENT OF SECTION 610.4.3 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

|                |                |                |
|----------------|----------------|----------------|
| LOG MILE 0.101 | LOG MILE 3.935 | LOG MILE 6.730 |
| LOG MILE 1.689 | LOG MILE 4.079 | LOG MILE 6.874 |
| LOG MILE 1.922 | LOG MILE 4.361 | LOG MILE 7.342 |
| LOG MILE 2.433 | LOG MILE 4.644 | LOG MILE 7.697 |
| LOG MILE 2.566 | LOG MILE 4.985 | LOG MILE 8.480 |
| LOG MILE 3.007 | LOG MILE 5.095 | LOG MILE 8.940 |
| LOG MILE 3.276 | LOG MILE 5.278 | LOG MILE 9.065 |
| LOG MILE 3.367 | LOG MILE 5.389 | LOG MILE 9.178 |
| LOG MILE 3.619 | LOG MILE 6.443 | LOG MILE 9.472 |
| LOG MILE 3.777 | LOG MILE 6.594 |                |

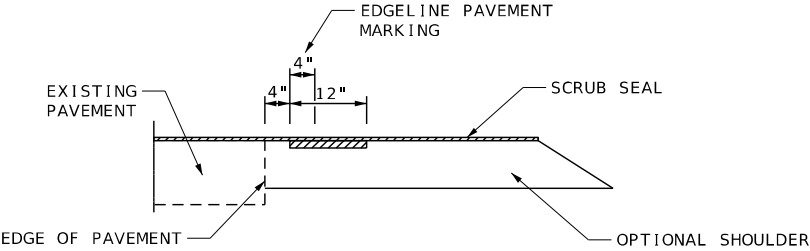
SHOULDER DETAIL



LOG MILE 0.020 TO LOG MILE 4.847  
LOG MILE 4.874 TO LOG MILE 9.620

VERTICAL FACE TO BE PROVIDED BY EITHER MILLING OR SAW CUTTING AT NO DIRECT PAY.  
VERTICAL FACE TO BE LOCATED AT THE EDGE OF THE FULL DEPTH PAVEMENT

SHOULDER RUMBLE STRIP LOCATION



LOG MILE 0.020 TO LOG MILE 4.847  
LOG MILE 4.874 TO LOG MILE 9.620

TYPICAL SECTIONS  
SHEET 2 OF 2  
DRAWING NOT TO SCALE



THIS SHEET HAS BEEN  
SIGNED, SEALED AND DATED  
ELECTRONICALLY.

DATE PREPARED  
2/27/2025

ROUTE M STATE MO  
DISTRICT SE SHEET NO. 2

COUNTY OREGON  
JOB NO. JSE0108  
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

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

MoDOT

Pickering  
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101 South Church Street, Suite 303  
Jonesboro, AR 72401  
Phone: 870.336.0117  
Missouri Certificate of Authority No. 2012006790





STATE OF MISSOURI

THOMAS NEAL TAEGTMEYER

NUMBER PE-2014000093

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED  
4/8/2025

ROUTE  
M

STATE  
MO

DISTRICT  
SE

SHEET NO.  
3

COUNTY  
OREGON

JOB NO.  
JSE0108

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

MoDOT

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

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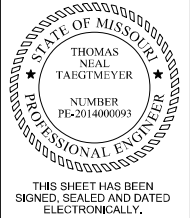


| CROSS ROAD PIPE CULVERTS |     |                   |                  |                                                      |                              |                              |                              |                              |                     |                     |                     |                     |                           |                                                  |                                               |                          |                                   |
|--------------------------|-----|-------------------|------------------|------------------------------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------------|--------------------------------------------------|-----------------------------------------------|--------------------------|-----------------------------------|
| LOG MI                   | LOC | CULVERT<br>NUMBER | EXISTING<br>SIZE | APPROX.<br>DEPTH OF<br>PIPE FROM<br>CENTERLINE<br>FT | GROUP C<br>18"<br>PIPE<br>LF | GROUP C<br>24"<br>PIPE<br>LF | GROUP C<br>30"<br>PIPE<br>LF | GROUP C<br>36"<br>PIPE<br>LF | 18"<br>F.E.S.<br>EA | 24"<br>F.E.S.<br>EA | 30"<br>F.E.S.<br>EA | 36"<br>F.E.S.<br>EA | TYPE 1<br>AGGREGATE<br>CY | 8" BP-1<br>PG64-22<br><br>(2.050 TON/CY)<br>TONS | CLASS 2<br>LINEAR<br>GRADING<br>LENGTH<br>STA | ROCK<br>LINING<br><br>CY | REMARKS                           |
| 0.101                    | CL  | 1                 | 18"              | 3.50                                                 | 39.00                        |                              |                              |                              | 2                   |                     |                     |                     | 16.90                     | 12.35                                            | 3.40                                          |                          | REPLACE EXISTING PIPE             |
| 1.689                    | CL  | 7                 | 36"              | 4.33                                                 |                              |                              |                              | 32.00                        |                     |                     |                     | 2                   | 25.18                     | 16.19                                            | 3.40                                          |                          | REPLACE EXISTING PIPE             |
| 1.922                    | CL  | 8                 | 24"              | 3.87                                                 |                              | 42.00                        |                              |                              |                     | 2                   |                     |                     | 20.57                     | 13.86                                            | 3.40                                          |                          | REPLACE EXISTING PIPE             |
| 2.433                    | CL  | 12                | DBL 24"          | 4.25                                                 |                              | 76.00                        |                              |                              |                     | 4                   |                     |                     | 49.10                     | 14.78                                            | 3.90                                          |                          | REPLACE EXISTING DBL PIPES        |
| 2.566                    | CL  | 13                | 15"              | 4.57                                                 | 40.00                        |                              |                              |                              | 2                   |                     |                     |                     | 27.59                     | 14.95                                            | 3.40                                          |                          | REPLACE EXISTING PIPE             |
| 3.007                    | CL  | 16                | 24"              | 4.50                                                 |                              | 38.00                        |                              |                              |                     | 2                   |                     |                     | 27.31                     | 15.39                                            | 3.40                                          |                          | REPLACE EXISTING PIPE             |
| 3.276                    | CL  | 18                | 18"              | 3.60                                                 | 36.00                        |                              |                              |                              | 2                   |                     |                     |                     | 17.81                     | 12.59                                            | 3.40                                          |                          | REPLACE EXISTING PIPE             |
| 3.367                    | CL  | 19                | 15"              | 3.71                                                 | 38.00                        |                              |                              |                              | 2                   |                     |                     |                     | 18.70                     | 12.84                                            | 3.40                                          |                          | REPLACE EXISTING PIPE             |
| 3.619                    | CL  | 21                | 15"              | 2.64                                                 | 31.00                        |                              |                              |                              | 2                   |                     |                     |                     | 9.78                      | 10.26                                            | 3.40                                          |                          | REPLACE EXISTING PIPE             |
| 3.777                    | CL  | 22                | 15"              | 3.41                                                 | 35.00                        |                              |                              |                              | 2                   |                     |                     |                     | 16.09                     | 12.13                                            | 3.40                                          |                          | REPLACE EXISTING PIPE             |
| 3.935                    | CL  | 24                | 15"              | 4.78                                                 | 44.00                        |                              |                              |                              | 2                   |                     |                     |                     | 29.92                     | 15.46                                            | 3.40                                          |                          | REPLACE EXISTING PIPE             |
| 4.079                    | CL  | 25                | 15"              | 3.62                                                 | 36.00                        |                              |                              |                              | 2                   |                     |                     |                     | 18.00                     | 12.64                                            | 3.40                                          |                          | REPLACE EXISTING PIPE             |
| 4.361                    | CL  | 27                | 15"              | 3.94                                                 | 36.00                        |                              |                              |                              | 2                   |                     |                     |                     | 21.05                     | 13.42                                            | 3.40                                          |                          | REPLACE EXISTING PIPE             |
| 4.644                    | CL  | 29                | 18"              | 3.67                                                 | 38.00                        |                              |                              |                              | 2                   |                     |                     |                     | 18.46                     | 12.76                                            | 3.40                                          |                          | REPLACE EXISTING PIPE             |
| 4.985                    | CL  | 31                | 15"              | 6.56                                                 | 48.00                        |                              |                              |                              | 2                   |                     |                     |                     | 52.87                     | 19.79                                            | 3.40                                          |                          | REPLACE EXISTING PIPE             |
| 5.095                    | CL  | 32                | 15"              | 5.23                                                 | 40.00                        |                              |                              |                              | 2                   |                     |                     |                     | 35.19                     | 16.55                                            | 3.40                                          |                          | REPLACE EXISTING PIPE             |
| 5.278                    | CL  | 33                | 15"              | 2.98                                                 | 33.00                        |                              |                              |                              | 2                   |                     |                     |                     | 12.44                     | 11.09                                            | 3.40                                          |                          | REPLACE EXISTING PIPE             |
| 5.389                    | CL  | 34                | 15"              |                                                      | 33.00                        |                              |                              |                              | 2                   |                     |                     |                     | 11.56                     | 10.82                                            | 3.40                                          |                          | REPLACE EXISTING PIPE             |
| 5.941                    | CL  | 37                | 18"              | 2.87                                                 | 1.00                         |                              |                              |                              | 1                   |                     |                     |                     |                           |                                                  | 3.40                                          |                          | EXTEND PIPE 1' LT                 |
| 6.175                    | CL  | 38                | 18"              |                                                      | 6.00                         |                              |                              |                              | 1                   |                     |                     |                     |                           |                                                  | 3.40                                          |                          | EXTEND PIPE 6' LT                 |
| 6.443                    | CL  | 41                | 18"              | 3.86                                                 | 39.00                        |                              |                              |                              | 2                   |                     |                     |                     | 20.27                     | 13.23                                            | 3.40                                          |                          | REPLACE EXISTING PIPE             |
| 6.594                    | CL  | 42                | 15"              | 2.95                                                 | 38.00                        |                              |                              |                              | 2                   |                     |                     |                     | 12.20                     | 11.01                                            | 3.40                                          |                          | REPLACE EXISTING PIPE             |
| 6.730                    | CL  | 43                | 18"              | 3.41                                                 | 35.00                        |                              |                              |                              | 2                   |                     |                     |                     | 16.09                     | 12.13                                            | 3.40                                          |                          | REPLACE EXISTING PIPE             |
| 6.874                    | CL  | 44                | 15"              | 4.36                                                 | 40.00                        |                              |                              |                              | 2                   |                     |                     |                     | 25.33                     | 14.44                                            | 3.40                                          |                          | REPLACE EXISTING PIPE             |
| 7.191                    | CL  | 45                | 18"              | 4.75                                                 | 4.75                         |                              |                              |                              | 2                   |                     |                     |                     |                           |                                                  | 3.40                                          |                          | EXTEND PIPE 4.5' LT & 0.25' RT    |
| 7.342                    | CL  | 46                | 15"              | 3.06                                                 | 32.00                        |                              |                              |                              | 2                   |                     |                     |                     | 13.09                     | 11.28                                            | 3.40                                          |                          | REPLACE EXISTING PIPE             |
| 7.530                    | CL  | 47                | 24"              |                                                      |                              | 10.00                        |                              |                              |                     | 2                   |                     |                     |                           |                                                  | 3.40                                          |                          | EXTEND PIPE 5' LT & RT            |
| 7.697                    | CL  | 48                | 18"              | 3.53                                                 | 36.00                        |                              |                              |                              | 2                   |                     |                     |                     | 17.17                     | 12.42                                            | 3.40                                          |                          | REPLACE EXISTING PIPE             |
| 7.935                    | CL  | 49                | DBL 30"          |                                                      |                              |                              |                              |                              |                     |                     | 4                   |                     |                           |                                                  | 3.90                                          |                          | INSTALL FLARED END SECTION        |
| 8.118                    | CL  | 51                | 36"              |                                                      |                              |                              |                              |                              |                     |                     |                     | 2                   |                           |                                                  | 3.40                                          |                          | INSTALL FLARED END SECTION        |
| 8.480                    | CL  | 53                | 18"              | 6.78                                                 | 46.00                        |                              |                              |                              | 2                   |                     |                     |                     | 56.10                     | 20.32                                            | 3.40                                          |                          | REPLACE EXISTING PIPE             |
| 8.731                    | CL  | 54                | 36"              |                                                      |                              |                              |                              |                              |                     |                     |                     | 1                   |                           |                                                  | 3.40                                          |                          | INSTALL FLARED END SECTION        |
| 8.940                    | CL  | 56                | 30"              | 3.82                                                 |                              |                              | 35.00                        |                              |                     |                     | 2                   |                     | 19.89                     | 14.34                                            | 3.40                                          |                          | REPLACE EXISTING PIPE             |
| 9.065                    | CL  | 57                | 18"              | 7.42                                                 | 57.00                        |                              |                              |                              | 2                   |                     |                     |                     | 65.98                     | 21.87                                            | 3.40                                          |                          | REPLACE EXISTING PIPE             |
| 9.178                    | CL  | 58                | 15"              | 3.25                                                 | 36.00                        |                              |                              |                              | 2                   |                     |                     |                     | 14.69                     | 11.74                                            | 3.40                                          |                          | REPLACE EXISTING PIPE             |
| 9.472                    | CL  | 59                | 18"              | 3.95                                                 | 36.00                        |                              |                              |                              | 2                   |                     |                     |                     | 21.15                     | 13.44                                            | 3.40                                          |                          | REPLACE EXISTING PIPE             |
|                          |     |                   |                  | SUBTOTAL 1                                           | 934                          | 166                          | 35                           | 32                           | 52                  | 10                  | 6                   | 5                   | 710.48                    | 404.09                                           | 123.40                                        | 100                      | IF AND WHERE DIRECTED BY ENGINEER |
|                          |     |                   |                  | TOTAL                                                | -                            | -                            | 35                           | 32                           | 52                  | 10                  | 6                   | 5                   | 710                       | SEE TOTAL                                        | 123.4                                         | 100                      |                                   |

LOG MILES ARE APPROXIMATE.  
ESTIMATED QUANTITIES. LOCATIONS TO BE FIELD VERIFY OR DETERMINED BY THE ENGINEER.

| DRIVEWAY PIPES                                                                                                  |     |                  |                              |                              |                              |                              |                                              |                                   |
|-----------------------------------------------------------------------------------------------------------------|-----|------------------|------------------------------|------------------------------|------------------------------|------------------------------|----------------------------------------------|-----------------------------------|
| LOG MI                                                                                                          | LOC | EXISTING<br>SIZE | GROUP C<br>15"<br>PIPE<br>LF | GROUP C<br>18"<br>PIPE<br>LF | GROUP C<br>24"<br>PIPE<br>LF | PIPE<br>CLEANOUT<br><br>EACH | 8" BP-1<br>PG64-22<br>(2.050 TON/CY)<br>TONS | REMARKS                           |
| 0.234                                                                                                           | LT  | 15"              |                              |                              |                              | 1                            |                                              | PIPE CLEANOUT                     |
| 0.240                                                                                                           | RT  | 15"              |                              |                              |                              | 1                            |                                              | PIPE CLEANOUT                     |
| 0.257                                                                                                           | RT  | 15"              |                              |                              |                              | 1                            |                                              | PIPE CLEANOUT                     |
| 0.540                                                                                                           | LT  | 15"              |                              |                              |                              | 1                            |                                              | PIPE CLEANOUT                     |
| 0.673                                                                                                           | LT  | 15"              | 32.00                        |                              |                              |                              |                                              | PIPE REPLACE - AGGREGATE DRIVEWAY |
| 0.746                                                                                                           | RT  | 18"              |                              |                              |                              | 1                            |                                              | PIPE CLEANOUT                     |
| 0.748                                                                                                           | LT  | 15"              | 32.00                        |                              |                              |                              |                                              | PIPE REPLACE - AGGREGATE DRIVEWAY |
| 0.880                                                                                                           | LT  | 18"              |                              |                              |                              | 1                            |                                              | PIPE CLEANOUT                     |
| 1.102                                                                                                           | LT  | 24"              |                              |                              | 32.00                        |                              | 18.22                                        | PIPE REPLACE - PAVED DRIVEWAY     |
| 1.177                                                                                                           | RT  | 12"              | 32.00                        |                              |                              |                              |                                              | PIPE REPLACE - AGGREGATE DRIVEWAY |
| 1.198                                                                                                           | LT  | 15"              | 32.00                        |                              |                              |                              |                                              | PIPE REPLACE - AGGREGATE DRIVEWAY |
| 1.229                                                                                                           | RT  | 12"              | 32.00                        |                              |                              |                              |                                              | PIPE REPLACE - AGGREGATE DRIVEWAY |
| 1.247                                                                                                           | RT  | 15"              | 32.00                        |                              |                              |                              |                                              | PIPE REPLACE - AGGREGATE DRIVEWAY |
| 1.342                                                                                                           | LT  | 18"              |                              | 50.00                        |                              |                              |                                              | PIPE REPLACE - AGGREGATE DRIVEWAY |
| 1.416                                                                                                           | LT  | 15"              | 32.00                        |                              |                              |                              |                                              | PIPE REPLACE - AGGREGATE DRIVEWAY |
| 1.520                                                                                                           | LT  | 12"              | 40.00                        |                              |                              |                              |                                              | PIPE REPLACE - AGGREGATE DRIVEWAY |
| 1.540                                                                                                           | LT  | 15"              |                              |                              |                              | 1                            |                                              | PIPE CLEANOUT                     |
| 1.559                                                                                                           | LT  | 15"              |                              |                              |                              | 1                            |                                              | PIPE CLEANOUT                     |
| 1.610                                                                                                           | LT  | 42"              |                              |                              |                              | 1                            |                                              | PIPE CLEANOUT                     |
| 1.800                                                                                                           | LT  | 12"              | 32.00                        |                              |                              |                              |                                              | PIPE REPLACE - AGGREGATE DRIVEWAY |
| 2.070                                                                                                           | LT  | 15"              |                              |                              |                              | 1                            |                                              | PIPE CLEANOUT                     |
| 2.155                                                                                                           | LT  | 15"              | 32.00                        |                              |                              |                              |                                              | PIPE REPLACE - AGGREGATE DRIVEWAY |
| 3.190                                                                                                           | RT  | 15"              | 32.00                        |                              |                              |                              |                                              | PIPE REPLACE - AGGREGATE DRIVEWAY |
| 3.225                                                                                                           | LT  | 18"              |                              |                              |                              | 1                            |                                              | PIPE CLEANOUT                     |
| 3.409                                                                                                           | LT  | 15"              |                              |                              |                              | 1                            |                                              | PIPE CLEANOUT                     |
| 3.550                                                                                                           | LT  | 12"              | 32.00                        |                              |                              |                              |                                              | PIPE REPLACE - AGGREGATE DRIVEWAY |
| 3.615                                                                                                           | LT  | 12"              | 32.00                        |                              |                              |                              |                                              | PIPE REPLACE - AGGREGATE DRIVEWAY |
| 3.735                                                                                                           | LT  | 12"              | 32.00                        |                              |                              |                              |                                              | PIPE REPLACE - AGGREGATE DRIVEWAY |
| 3.824                                                                                                           | LT  | 15"              |                              |                              |                              | 1                            |                                              | PIPE CLEANOUT                     |
| 5.613                                                                                                           | RT  | 12"              | 32.00                        |                              |                              |                              |                                              | PIPE REPLACE - AGGREGATE DRIVEWAY |
| 5.837                                                                                                           | LT  | 24"              |                              |                              |                              | 1                            |                                              | PIPE CLEANOUT - CRD 347           |
| 6.030                                                                                                           | LT  | 12"              | 32.00                        |                              |                              |                              |                                              | PIPE REPLACE - AGGREGATE DRIVEWAY |
| 6.376                                                                                                           | RT  | 24"              |                              |                              |                              | 1                            |                                              | PIPE CLEANOUT                     |
| 6.870                                                                                                           | RT  | 12"              | 32.00                        |                              |                              |                              |                                              | PIPE REPLACE - AGGREGATE DRIVEWAY |
| 6.880                                                                                                           | LT  | 18"              |                              |                              |                              | 1                            |                                              | PIPE CLEANOUT                     |
| 6.923                                                                                                           | RT  | 12"              | 32.00                        |                              |                              |                              |                                              | PIPE REPLACE - AGGREGATE DRIVEWAY |
| 7.095                                                                                                           | RT  | 12"              | 32.00                        |                              |                              |                              |                                              | PIPE REPLACE - AGGREGATE DRIVEWAY |
| 7.229                                                                                                           | LT  | 12"              | 32.00                        |                              |                              |                              |                                              | PIPE REPLACE - AGGREGATE DRIVEWAY |
| 7.610                                                                                                           | LT  | 15"              |                              |                              |                              | 1                            |                                              | PIPE CLEANOUT                     |
| 7.612                                                                                                           | RT  | 18"              |                              |                              |                              | 1                            |                                              | PIPE CLEANOUT                     |
| 7.787                                                                                                           | LT  | 12"              | 32.00                        |                              |                              |                              |                                              | PIPE REPLACE - AGGREGATE DRIVEWAY |
| 8.090                                                                                                           | LT  | 12"              | 35.00                        |                              |                              |                              |                                              | PIPE REPLACE - AGGREGATE DRIVEWAY |
| 8.098                                                                                                           | RT  | 12"              | 32.00                        |                              |                              |                              |                                              | PIPE REPLACE - AGGREGATE DRIVEWAY |
| 8.216                                                                                                           | RT  | 18"              |                              |                              |                              | 1                            |                                              | PIPE CLEANOUT                     |
| 8.348                                                                                                           | RT  | 18"              |                              |                              |                              | 1                            |                                              | PIPE CLEANOUT - CRD 352           |
| 8.548                                                                                                           | LT  | 12"              | 32.00                        |                              |                              |                              |                                              | PIPE REPLACE - AGGREGATE DRIVEWAY |
| 8.548                                                                                                           | RT  | 18"              |                              | 32.00                        |                              |                              |                                              | PIPE REPLACE - AGGREGATE DRIVEWAY |
| 8.877                                                                                                           | LT  | 15"              | 32.00                        |                              |                              |                              | 9.87                                         | PIPE REPLACE - PAVED CRD 354      |
|                                                                                                                 |     | SUBTOTAL 2       | 811                          | 82                           | 32                           | 20                           | 28.09                                        |                                   |
|                                                                                                                 |     | SUBTOTAL 1       | -                            | 934                          | 166                          | -                            | 404.09                                       |                                   |
|                                                                                                                 |     | TOTAL            | 811                          | 1016                         | 198                          | 20                           | SEE TOTAL                                    |                                   |
| LOG MILES ARE APPROXIMATE.<br>ESTIMATED QUANTITIES. LOCATIONS TO BE FIELD VERIFY OR DETERMINED BY THE ENGINEER. |     |                  |                              |                              |                              |                              |                                              |                                   |

| ASPHALT TOTAL               |                                                         |                      |
|-----------------------------|---------------------------------------------------------|----------------------|
| DESCRIPTION                 | BITUMINOUS PAVEMENT<br>MIXTURE BP-1<br>PG 64-22<br>TONS | REMARKS              |
| OPTIONAL SHOULDER           | 7547.48                                                 | SEE QUANTITY SHEET 1 |
| CROSS ROAD PIPE REPLACEMENT | 404.09                                                  | SEE QUANTITY SHEET 3 |
| DRIVEWAY PIPE REPLACEMENT   | 28.09                                                   | SEE QUANTITY SHEET 4 |
| TOTAL                       | 7979.7                                                  |                      |



|                           |                |
|---------------------------|----------------|
| DATE PREPARED<br>4/8/2025 |                |
| ROUTE<br>M                | STATE<br>MO    |
| DISTRICT<br>SE            | SHEET NO.<br>3 |
| COUNTY<br>OREGON          |                |
| JOB NO.<br>JSE0108        |                |
| CONTRACT ID.              |                |

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

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



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



**Pickering**  
Pickering Firm, Inc.  
101 South Church Street, Suite 303  
Jonesboro, AR 72401  
Phone: 870.336.0117  
Missouri Certificate of Authority No. 2012006790



| WARNING SIGNS |       |       |     |            |           |             |           |                                                  | GUIDE SIGNS         |        |       |     |       |           |             |           |                                                    | ITEM     |     | TOTAL                                                                             |  | EFFECTIVE: 07-01-2024 |
|---------------|-------|-------|-----|------------|-----------|-------------|-----------|--------------------------------------------------|---------------------|--------|-------|-----|-------|-----------|-------------|-----------|----------------------------------------------------|----------|-----|-----------------------------------------------------------------------------------|--|-----------------------|
| SIGN          | SIZE  | AREA  | QTY | TOTAL AREA | QTY RELOC | TOTAL RELOC | SIGN NUM. | DESCRIPTION                                      | SIGN                | SIZE   | AREA  | QTY | TOTAL | QTY RELOC | TOTAL RELOC | SIGN NUM. | DESCRIPTION                                        | NUMBER   | QTY | DESCRIPTION                                                                       |  |                       |
| WO1-1L        | 48X48 | 16.00 |     |            |           |             |           | TURN (SYMBOL LEFT)                               | E05-1               | 36X48  | 12.00 |     |       |           |             |           | GORE EXIT                                          | 6122008  |     | IMPACT ATTENUATOR 40 MPH (SAND BARRELS)                                           |  |                       |
| WO1-1R        | 48X48 | 16.00 |     |            |           |             |           | TURN (SYMBOL RIGHT)                              | E05-2               | 48X36  | 12.00 |     |       |           |             |           | EXIT OPEN                                          | 6122009  |     | IMPACT ATTENUATOR 45 MPH (SAND BARRELS)                                           |  |                       |
| WO1-2L        | 48X48 | 16.00 |     |            |           |             |           | CURVE (SYMBOL LEFT)                              | E05-2a              | 48X36  | 12.00 |     |       |           |             |           | EXIT CLOSED                                        | 6122010  |     | IMPACT ATTENUATOR 50 MPH (SAND BARRELS)                                           |  |                       |
| WO1-2R        | 48X48 | 16.00 |     |            |           |             |           | CURVE (SYMBOL RIGHT)                             | GO20-1              | 60X24  | 10.00 | 2   | 20.00 |           |             | 1         | ROAD WORK NEXT XX MILES                            | 6122012  |     | IMPACT ATTENUATOR 55 MPH (SAND BARRELS)                                           |  |                       |
| WO1-3L        | 48X48 | 16.00 |     |            |           |             |           | REVERSE TURN (SYMBOL LEFT)                       | GO20-2              | 48X24  | 8.00  | 2   | 16.00 |           |             | 26        | END ROAD WORK                                      | 6122014  |     | IMPACT ATTENUATOR 60 MPH (SAND BARRELS)                                           |  |                       |
| WO1-3R        | 48X48 | 16.00 |     |            |           |             |           | REVERSE TURN (SYMBOL RIGHT)                      | GO20-4              | 36X18  | 4.50  |     |       |           |             |           | PILOT CAR FOLLOW ME                                | 6122017  |     | IMPACT ATTENUATOR 65 MPH (SAND BARRELS)                                           |  |                       |
| WO1-4L        | 48X48 | 16.00 |     |            |           |             |           | REVERSE CURVE (SYMBOL LEFT)                      | GO20-4a             | 42X30  | 8.75  | 1   | 8.75  |           |             | 58        | PILOT CAR IN USE WAIT & FOLLOW                     | 6122019  |     | IMPACT ATTENUATOR 70 MPH (SAND BARRELS)                                           |  |                       |
| WO1-4R        | 48X48 | 16.00 | 1   | 16.00      |           |             | 15        | REVERSE CURVE (SYMBOL RIGHT)                     | GO20-4a             | 18X12  | 1.50  | 4   | 6.00  |           |             | 58        | PILOT CAR IN USE WAIT & FOLLOW                     | 6122020  |     | REPLACEMENT SAND BARREL                                                           |  |                       |
| WO1-4bL       | 48X48 | 16.00 |     |            |           |             |           | DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)         | GO20-4a             | 24X18  | 3.00  | 14  | 42.00 |           |             | 60        | PILOT CAR IN USE WAIT & FOLLOW                     | 6122030  |     | IMPACT ATTENUATOR (RELOCATION)                                                    |  |                       |
| WO1-4bR       | 48X48 | 16.00 |     |            |           |             |           | DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)        | GO20-5aP            | 36X24  | 6.00  | 4   | 24.00 |           |             | 49,54     | WORK ZONE (PLAQUE)                                 | 6123001  |     | TRUCK MOUNTED ATTENUATOR (TMA)                                                    |  |                       |
| WO1-4cL       | 48X48 | 16.00 |     |            |           |             |           | TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)         | G022-1              | 21X15  | 2.20  | 4   | 8.80  |           |             | 55        | WET PAINT                                          | 6161008  | 2   | ADVANCED WARNING RAIL SYSTEM                                                      |  |                       |
| WO1-4cR       | 48X48 | 16.00 |     |            |           |             |           | TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)        | G022-3              | 36X12  | 3.00  |     |       |           |             |           | WET PAINT KEEP RIGHT                               | 6161012  |     | BUOYS (BOATS KEEP OUT)                                                            |  |                       |
| WO1-6         | 60X30 | 12.50 |     |            |           |             |           | HORIZONTAL ARROW (SYMBOL)                        | G022-3              | 36X12  | 3.00  |     |       |           |             |           | WET PAINT KEEP RIGHT                               | 6161013  |     | BUOYS (NO WAKE)                                                                   |  |                       |
| WO1-6a        | 72X36 | 18.00 |     |            |           |             |           | HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)     | G023-1              | 15X15  | 1.56  |     |       |           |             |           | STAY BACK 100 FT                                   | 6161014  |     | SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)                                            |  |                       |
| WO1-7         | 60X30 | 12.50 |     |            |           |             |           | DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)            | G025-1              | 30x24  | 5.00  |     |       |           |             |           | SLOW VEHICLES                                      | 6161025  | 270 | CHANNELIZER (TRIM LINE)                                                           |  |                       |
| WO1-7a        | 72X36 | 18.00 |     |            |           |             |           | DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.) | SPECIAL             | 36x12  | 3.00  |     |       |           |             |           | END WET PAINT THANK YOU                            | 6161030  |     | TYPE III MOVEABLE BARRICADE                                                       |  |                       |
| WO1-8         | 18X24 | 3.00  |     |            |           |             |           | CHEVRON (SYMBOL)                                 | REGULATORY SIGNS    |        |       |     |       |           |             |           |                                                    | 6161033  |     | DIRECTION INDICATOR BARRICADE                                                     |  |                       |
| WO1-8a        | 30X36 | 7.50  |     |            |           |             |           | CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)            | R1-1                | 48X48  | 13.25 |     |       |           |             |           | STOP                                               | 6161040  |     | FLASHING ARROW PANEL                                                              |  |                       |
| WO3-1         | 48X48 | 16.00 |     |            |           |             |           | STOP AHEAD (SYMBOL)                              | R1-2                | 48TRI. | 6.93  |     |       |           |             |           | YIELD                                              | 6161047  |     | TYPE III OBJECT MARKER                                                            |  |                       |
| WO3-2         | 48X48 | 16.00 |     |            |           |             |           | YIELD AHEAD (SYMBOL)                             | R1-2a               | 36X36  | 9.00  |     |       |           |             |           | TO ONCOMING TRAFFIC (PLAQUE)                       | 6161055  |     | SEQUENTIAL FLASHING WARNING LIGHT                                                 |  |                       |
| WO3-3         | 48X48 | 16.00 | 2   | 32.00      |           |             | 12        | SIGNAL AHEAD (SYMBOL)                            | R1-3P               | 30X12  | 2.50  |     |       |           |             |           | ALL WAY (PLAQUE)                                   | 6161070  |     | TUBULAR MARKER                                                                    |  |                       |
| WO3-4         | 48X48 | 16.00 | 15  | 240.00     |           |             | 8         | BE PREPARED TO STOP                              | R2-1                | 36X48  | 12.00 | 2   | 24.00 |           |             | 48        | SPEED LIMIT XX                                     | 6161095  |     | RADAR SPEED ADVISORY SYSTEM                                                       |  |                       |
| WO3-5         | 48X48 | 16.00 | 2   | 32.00      |           |             | 50        | SPEED LIMIT AHEAD                                | R3-1                | 48X48  | 16.00 |     |       |           |             |           | NO RIGHT TURN (SYMBOL)                             | 6161096  |     | CHANGEABLE MESSAGE SIGN,<br>COMMISSION FURNISHED/RETAINED                         |  |                       |
| WO4-1L        | 48X48 | 16.00 |     |            |           |             |           | MERGE (SYMBOL FROM LEFT)                         | R3-2                | 48X48  | 16.00 |     |       |           |             |           | NO LEFT TURN (SYMBOL)                              | 6161098A | 2   | CHANGEABLE MESSAGE SIGN WITHOUT COMM.<br>INTERFACE- CONTRACTOR FURNISHED/RETAINED |  |                       |
| WO4-1R        | 48X48 | 16.00 |     |            |           |             |           | MERGE (SYMBOL FROM RIGHT)                        | R3-3                | 36X36  | 9.00  |     |       |           |             |           | NO TURNS                                           | 6161099  |     | CHANGEABLE MESSAGE SIGN WITH COMM.<br>INTERFACE- CONTRACTOR FURNISHED/RETAINED    |  |                       |
| WO4-1aL       | 48X48 | 16.00 |     |            |           |             |           | MERGE (LEFT)                                     | R3-4                | 48X48  | 16.00 |     |       |           |             |           | NO U-TURN (SYMBOL)                                 | 6162000A | 1   | WORK ZONE TRAFFIC SIGNAL SYSTEM                                                   |  |                       |
| WO4-1aR       | 48X48 | 16.00 |     |            |           |             |           | MERGE (RIGHT)                                    | R3-7L               | 30X30  | 6.25  |     |       |           |             |           | LEFT LANE MUST TURN LEFT                           | 6162002  | 4   | TEMPORARY LONG-TERM RUMBLE STRIPS                                                 |  |                       |
| WO5-1         | 48X48 | 16.00 | 2   | 32.00      |           |             | 43        | ROAD/BRIDGE/RAMP NARROWS                         | R3-7R               | 30X30  | 6.25  |     |       |           |             |           | RIGHT LANE MUST TURN RIGHT                         | 6173600D | 360 | CONTRACTOR FURNISHED/RETAINED                                                     |  |                       |
| WO5-3         | 48X48 | 16.00 |     |            |           |             |           | ONE LANE BRIDGE                                  | R4-1                | 36X48  | 12.00 |     |       |           |             |           | DO NOT PASS                                        | 6173602B |     | TEMPORARY TRAFFIC BARRIER                                                         |  |                       |
| WO5-5         | 48X48 | 16.00 |     |            |           |             |           | NARROW LANES                                     | R4-2                | 36X48  | 12.00 |     |       |           |             |           | PASS WITH CARE                                     | 6174000A |     | TEMP. TRAFFIC BARRIER HEIGHT TRANSITION                                           |  |                       |
| WO6-1         | 48X48 | 16.00 |     |            |           |             |           | DIVIDED HIGHWAY (SYMBOL)                         | R4-7a               | 36X48  | 12.00 |     |       |           |             |           | KEEP RIGHT (HORIZONTAL ARROW)                      | 6175010A | 360 | RELOCATING TEMPORARY TRAFFIC BARRIER                                              |  |                       |
| WO6-2         | 48X48 | 16.00 |     |            |           |             |           | DIVIDED HIGHWAY END (SYMBOL)                     | R4-8a               | 36X48  | 12.00 |     |       |           |             |           | KEEP LEFT (HORIZONTAL ARROW)                       | 6176000B |     | COMMISSION FURNISHED/RETAINED                                                     |  |                       |
| WO6-3         | 48X48 | 16.00 |     |            |           |             |           | TWO WAY TRAFFIC (SYMBOL)                         | R5-1                | 30X30  | 6.25  |     |       |           |             |           | DO NOT ENTER                                       | 6177000B |     | TEMP. TRAFFIC BARRIER HEIGHT TRANSITION                                           |  |                       |
| WO7-3a        | 30X24 | 5.00  |     |            |           |             |           | NEXT XX MILES (PLAQUE)                           | R5-1a               | 36X24  | 6.00  |     |       |           |             |           | WRONG WAY                                          | 6208064A |     | COMMISSION FURNISHED/RETAINED                                                     |  |                       |
| WO8-1         | 48X48 | 16.00 |     |            |           |             |           | BUMP                                             | R6-1L               | 54X18  | 6.75  |     |       |           |             |           | ONE WAY ARROW (LEFT)                               | 9029400  |     | TEMPORARY RAISED PAVEMENT MARKER                                                  |  |                       |
| WO8-2         | 48X48 | 16.00 |     |            |           |             |           | DIP                                              | R6-1R               | 54X18  | 6.75  |     |       |           |             |           | ONE WAY ARROW (RIGHT)                              | 9029401  |     | TEMPORARY TRAFFIC SIGNALS                                                         |  |                       |
| WO8-3         | 48X48 | 16.00 |     |            |           |             |           | PAVEMENT ENDS                                    | R6-2L               | 24X30  | 5.00  |     |       |           |             |           | ONE WAY (LEFT)                                     |          |     | TEMPORARY TRAFFIC SIGNALS AND LIGHTING                                            |  |                       |
| WO8-4         | 48X48 | 16.00 |     |            |           |             |           | SOFT SHOULDER                                    | R6-2R               | 24X30  | 5.00  |     |       |           |             |           | ONE WAY (RIGHT)                                    | 6122040  | 2   | WORK ZONE CRASH CUSHION (NARROW)                                                  |  |                       |
| WO8-5         | 48X48 | 16.00 |     |            |           |             |           | SLIPPERY WHEN WET (SYMBOL)                       | R9-9                | 24X12  | 2.00  |     |       |           |             |           | SIDEWALK CLOSED                                    | 6122041  | 2   | WORK ZONE CRASH CUSHION (NARROW)(RELOCATION)                                      |  |                       |
| WO8-6         | 48X48 | 16.00 |     |            |           |             |           | TRUCK CROSSING                                   | R9-11L              | 24X18  | 3.00  |     |       |           |             |           | SIDEWALK CLOSED AHEAD,<br>(ARROW LEFT) CROSS HERE  |          |     |                                                                                   |  |                       |
| WO8-6c        | 48X48 | 16.00 |     |            |           |             |           | TRUCK ENTRANCE                                   | R9-11R              | 24X18  | 3.00  |     |       |           |             |           | SIDEWALK CLOSED AHEAD,<br>(ARROW RIGHT) CROSS HERE |          |     |                                                                                   |  |                       |
| WO8-7         | 36X36 | 9.00  |     |            |           |             |           | LOOSE GRAVEL                                     | R10-6               | 24X36  | 6.00  | 2   | 12.00 |           |             | 47        | STOP HERE ON RED (45^ ARROW)                       |          |     |                                                                                   |  |                       |
| WO8-7a        | 36X36 | 9.00  | 16  | 144.00     |           |             |           | FRESH OIL / LOOSE GRAVEL *                       | R11-2               | 48X30  | 10.00 |     |       |           |             |           | ROAD CLOSED                                        |          |     |                                                                                   |  |                       |
| WO8-9         | 48X48 | 16.00 |     |            |           |             |           | 8LOW SHOULDER                                    | R11-3a              | 60X30  | 12.50 |     |       |           |             |           | ROAD CLOSED XX MILES AHEAD                         |          |     |                                                                                   |  |                       |
| WO8-11        | 48X48 | 16.00 |     |            |           |             |           | UNEVEN LANES                                     | R11-4               | 60X30  | 12.50 |     |       |           |             |           | LOCAL TRAFFIC ONLY                                 |          |     |                                                                                   |  |                       |
| WO8-12        | 48X48 | 16.00 | 8   | 128.00     |           |             | 35        | NO CENTER LINE                                   | CONST-3A            | 60X48  | 20.00 |     |       |           |             |           | ROAD CLOSED TO THRU TRAFFIC                        |          |     |                                                                                   |  |                       |
| WO8-15        | 48X48 | 16.00 |     |            |           |             |           | GROOVED PAVEMENT                                 | CONST-3X            | 56X12  | 4.67  |     |       |           |             |           | FINE SIGN                                          |          |     |                                                                                   |  |                       |
| WO8-15P       | 30X24 | 5.00  |     |            |           |             |           | MOTORCYCLE (PLAQUE)                              | MISCELLANEOUS SIGNS |        |       |     |       |           |             |           |                                                    |          |     |                                                                                   |  |                       |
| WO8-17L       |       |       |     |            |           |             |           |                                                  |                     |        |       |     |       |           |             |           |                                                    |          |     |                                                                                   |  |                       |





PLAN SHEETS  
SHEET 1 OF 5

STATE OF MISSOURI

THOMAS NEAL TAEGTMEYER

NUMBER PE-2014000093

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED  
2/27/2025

ROUTE  
M

DISTRICT  
SE

STATE  
MO

SHEET NO.  
4

COUNTY  
OREGON

JOB NO.  
JSE0108

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)



Pickering Firm, Inc.  
101 South Church Street, Suite 303  
Jonesboro, AR 72401  
Phone: 870.336.0117  
Missouri Certificate of Authority No. 2012006790

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PLAN SHEETS  
SHEET 2 OF 5

STATE OF MISSOURI

THOMAS NEAL TAEGTMEYER

NUMBER PE-2014000093

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED  
2/27/2025

ROUTE  
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STATE  
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SHEET NO.  
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COUNTY  
OREGON

JOB NO.  
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CONTRACT ID.

PROJECT NO.

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



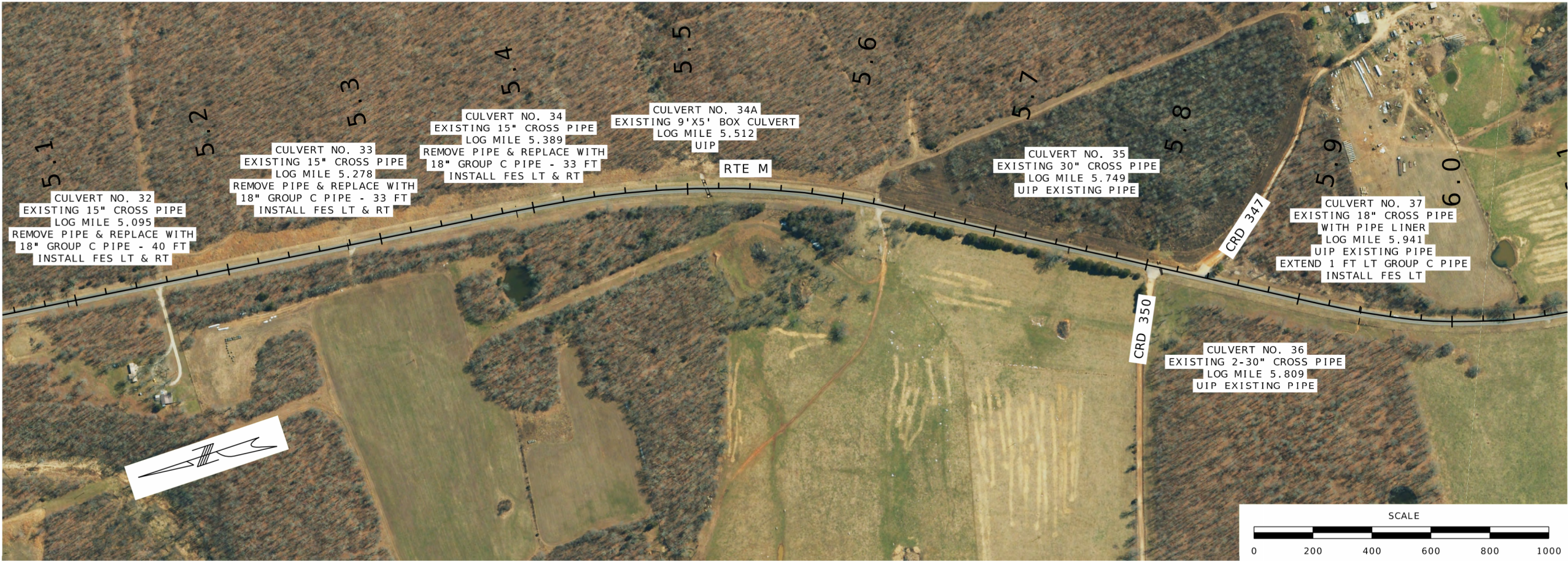
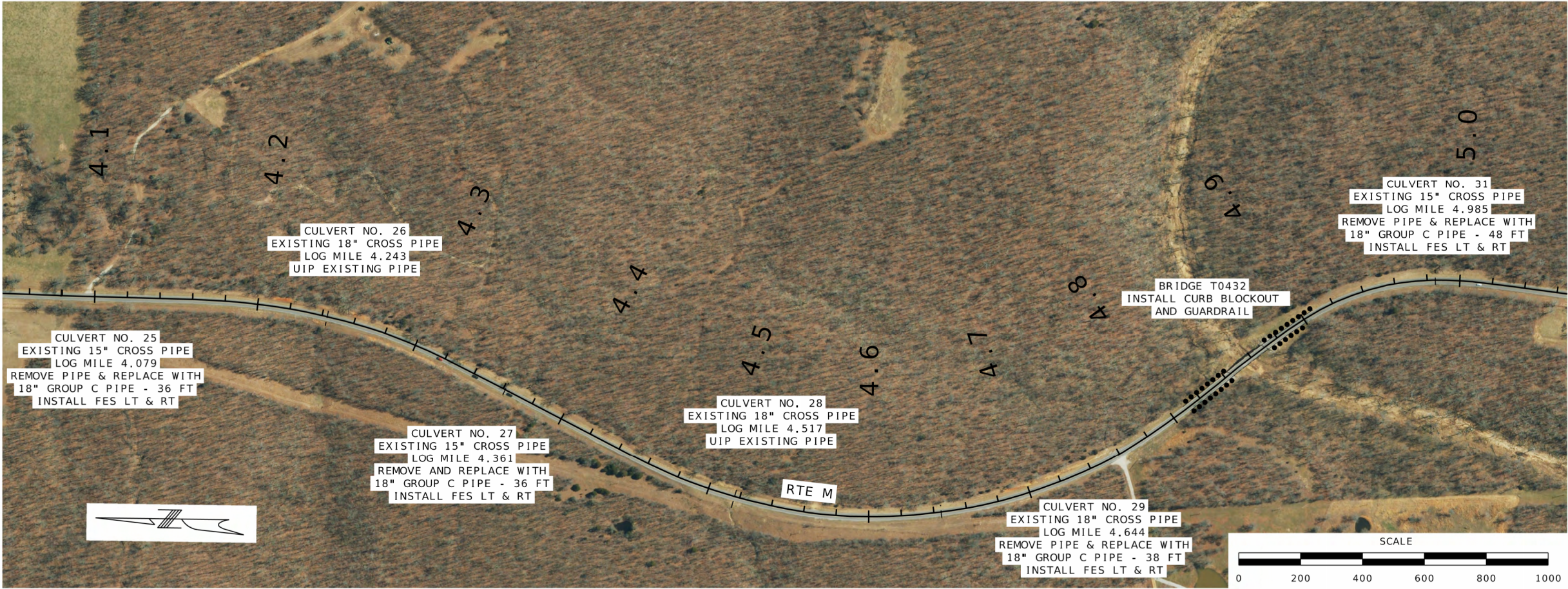
105 WEST CAPITOL  
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PLAN SHEETS  
SHEET 3 OF 5



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DATE PREPARED

2/27/2025

ROUTE STATE

M MO

DISTRICT SHEET NO.

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COUNTY

OREGON

JOB NO.

JSE0108

CONTRACT ID.

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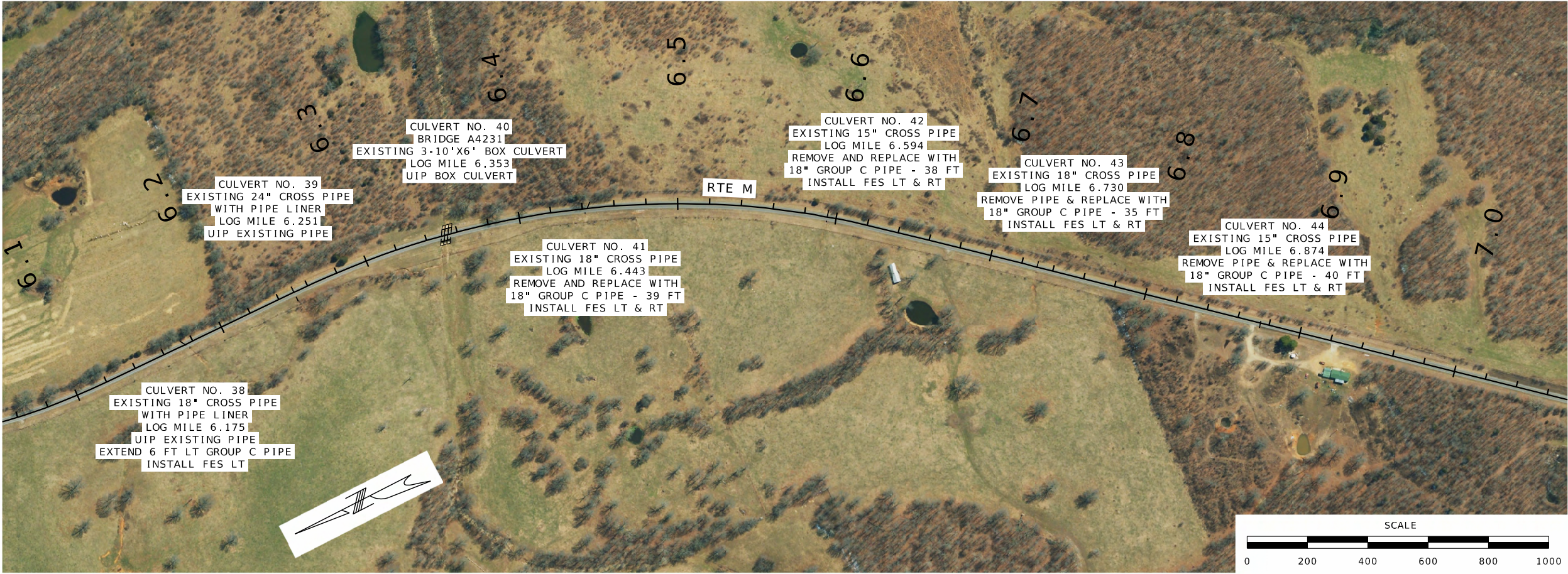
MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION



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

**Pickering**  
Pickering Firm, Inc.  
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Jonesboro, AR 72401  
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PLAN SHEETS  
SHEET 4 OF 5

STATE OF MISSOURI

THOMAS NEAL TAEGTMEYER

NUMBER PE-2014000093

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED

2/27/2025

ROUTE

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SHEET NO.

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JOB NO.

JSE0108

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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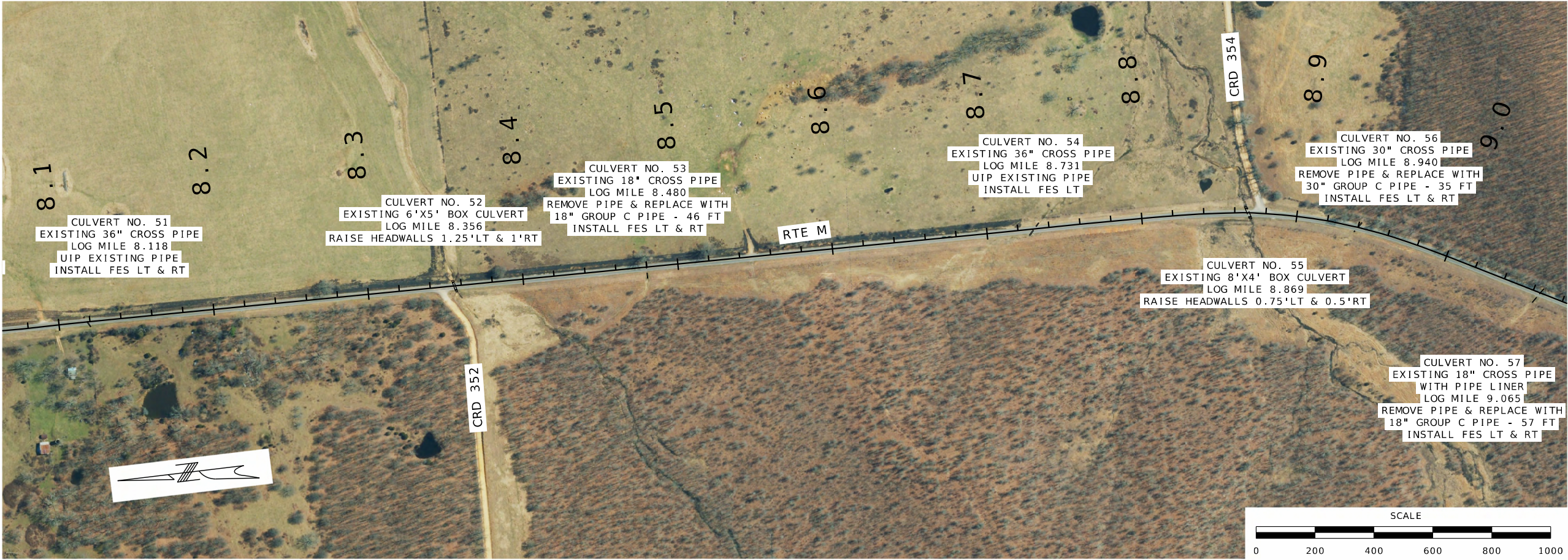
105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-273-6636)

Pickering

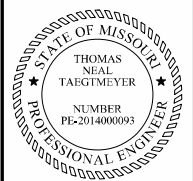
Pickering Firm, Inc.  
101 South Church Street, Suite 303  
Jonesboro, AR 72401  
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PLAN SHEETS  
SHEET 5 OF 5



THIS SHEET HAS BEEN  
SIGNED, SEALED AND DATED  
ELECTRONICALLY.

DATE PREPARED  
2/27/2025

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| ROUTE    | STATE     |
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COUNTY  
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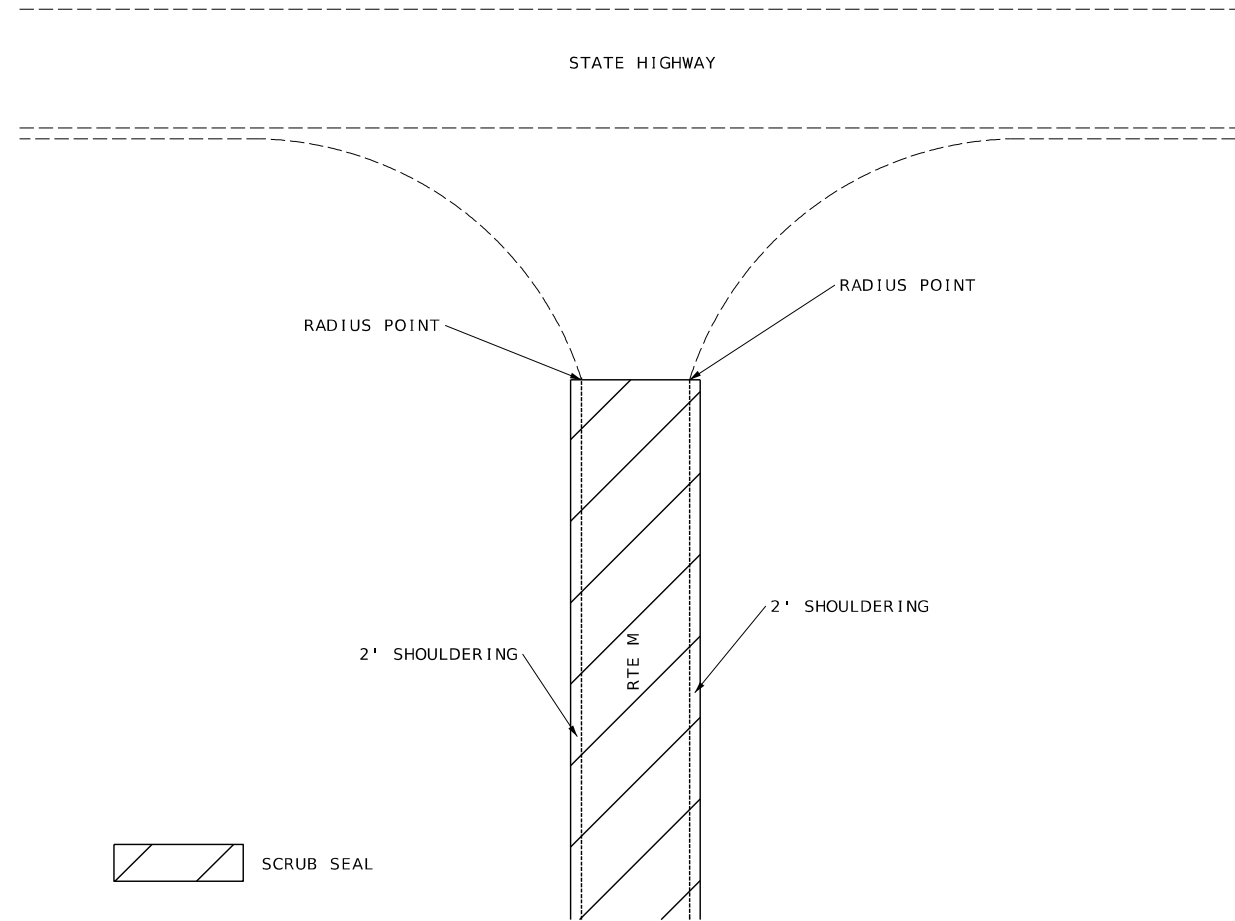
MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION



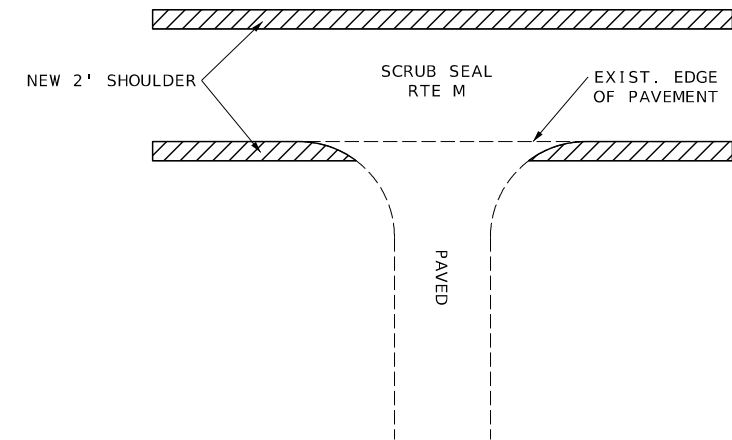
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
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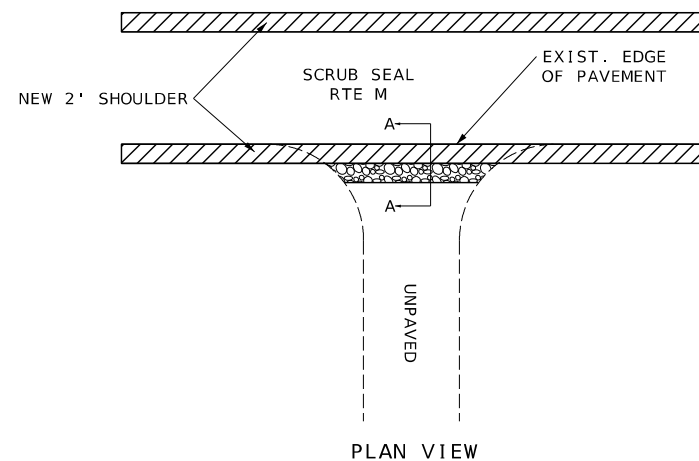




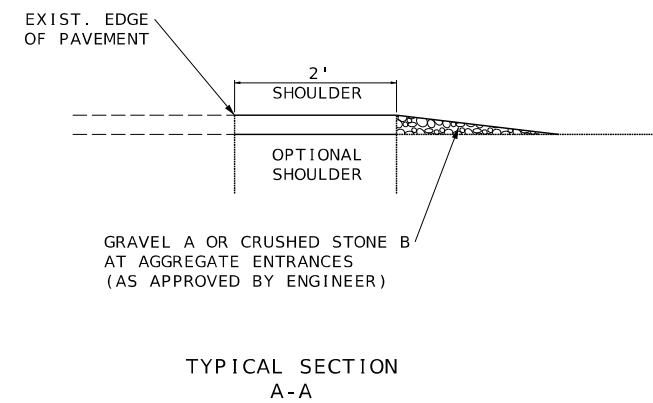
BEGINNING AND ENDING OF PROJECT



PAVED STATE HIGHWAYS,  
COUNTY ROADS & PRIVATE ENTRANCES



UNPAVED COUNTY ROADS & PRIVATE ENTRANCES



SPECIAL SHEETS  
SHEET 1 OF 3  
DRAWING NOT TO SCALE



THIS SHEET HAS BEEN  
SIGNED, SEALED AND DATED  
ELECTRONICALLY.

DATE PREPARED  
2/27/2025

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| ROUTE<br>M     | STATE<br>MO    |
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COUNTY  
OREGON

JOB NO.  
JSE0108

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 (1-888-273-6636)

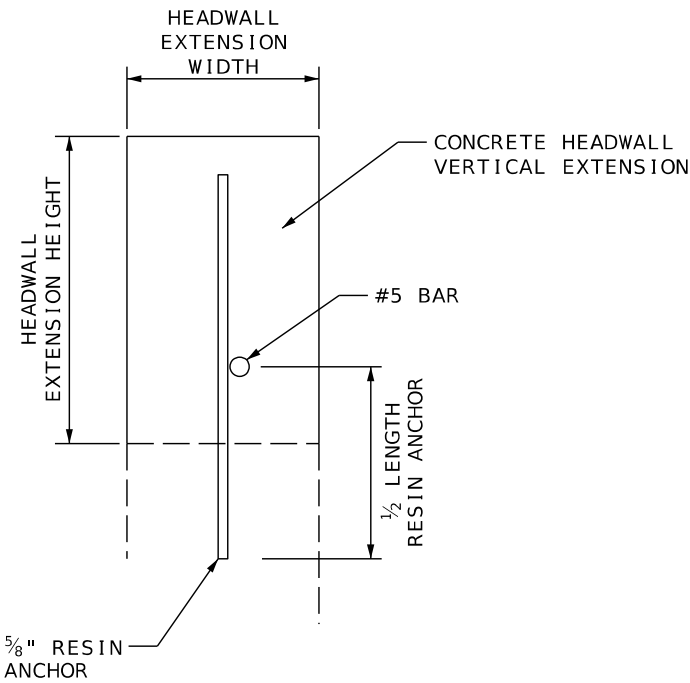
**Pickering**

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Jonesboro, AR 72401  
Phone: 870.336.0117  
Missouri Certificate of Authority No. 2012006790

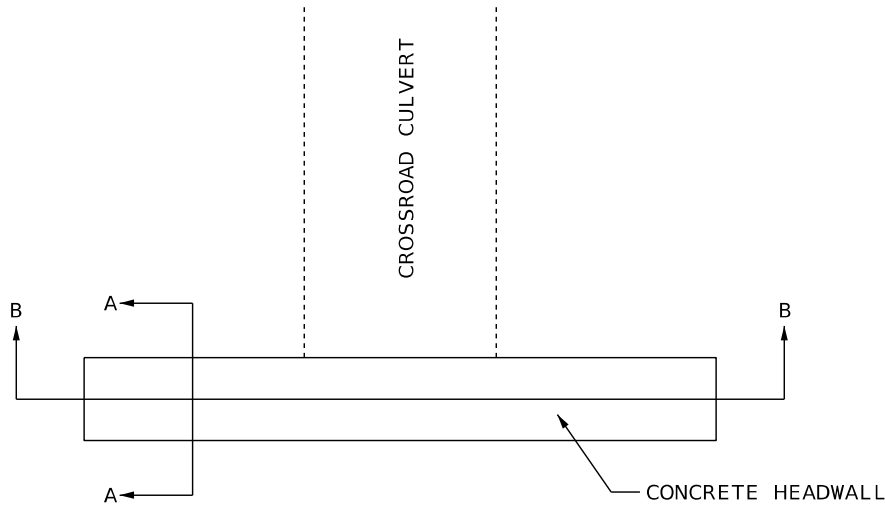
CONCRETE HEADWALL EXTENSION

EXTEND HEADWALLS VERTICALLY

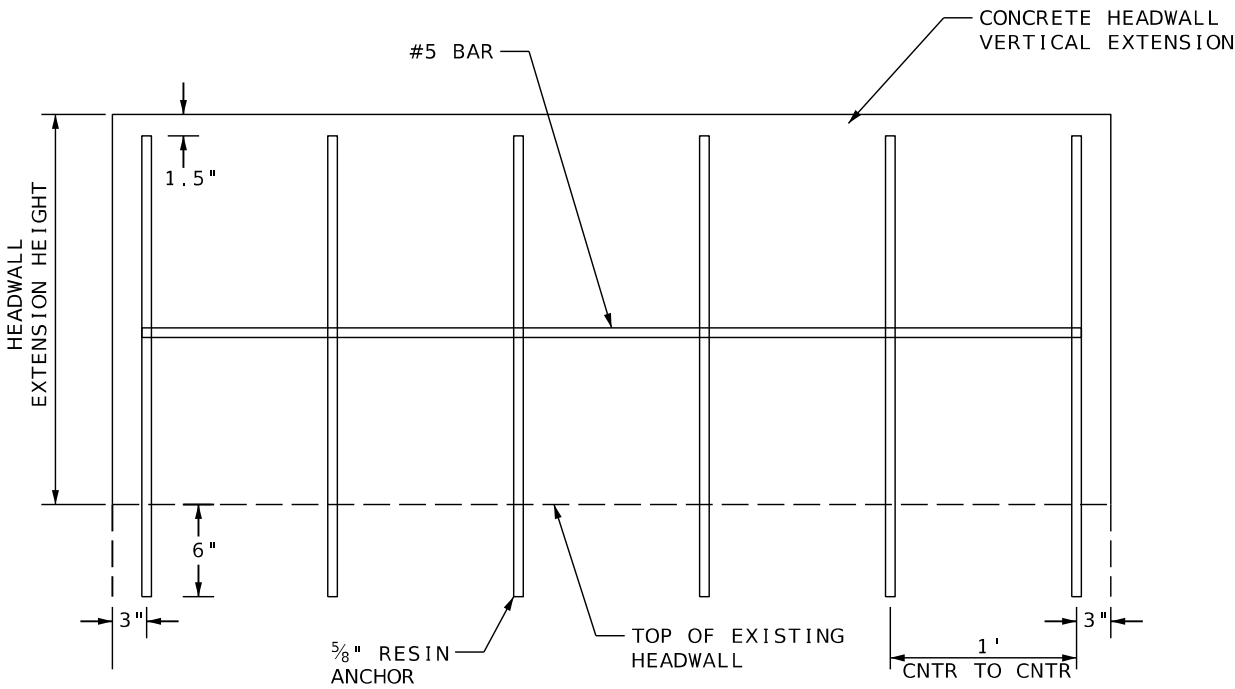
CULVERT 4 - LOG MILE 1.002 - DBL 5'X3' - 1.0' FEET LEFT, 1.25' FEET RIGHT  
CULVERT 5 - LOG MILE 1.284 - 5'X3' - 0.5' FEET LEFT  
CULVERT 11 - LOG MILE 2.310 - T0431 - 0.75' FEET LEFT, 1.0' FEET RIGHT  
CULVERT 14 - LOG MILE 2.623 - 4'X2.5' - 1.5' FEET LEFT, 1.0' FEET RIGHT  
CULVERT 50 - LOG MILE 8.036 - 12.5'X5.5' - 1.0' FEET LEFT, 1.5' FEET RIGHT  
CULVERT 52 - LOG MILE 8.356 - 6'X5' - 1.25' FEET LEFT, 1.0' FEET RIGHT  
CULVERT 55 - LOG MILE 8.869 - 8'X4' - 0.75' FEET LEFT, 0.5' FEET RIGHT



SECTION A-A



PLAN VIEW



SECTION B-B

NOTE:  
CONCRETE HEADWALLS TO BE EXTENDED WITH CLASS B-1 CONCRETE.  
#5 BAR AND RESIN ANCHORS ARE INCIDENTAL TO HEADWALL EXTENSIONS.  
MATCH EXISTING HEADWALL DIMENSIONS.

SPECIAL SHEETS  
SHEET 2 OF 3  
DRAWING NOT TO SCALE



THIS SHEET HAS BEEN  
SIGNED, SEALED AND DATED  
ELECTRONICALLY.

DATE PREPARED  
2/27/2025

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| ROUTE<br>M     | STATE<br>MO     |
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COUNTY  
OREGON  
JOB NO.  
JSE0108  
CONTRACT ID.

PROJECT NO.  
BRIDGE NO.

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MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

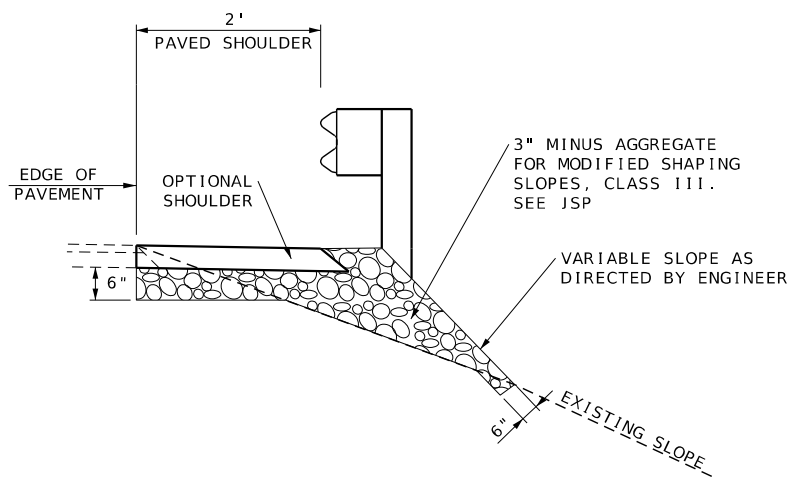
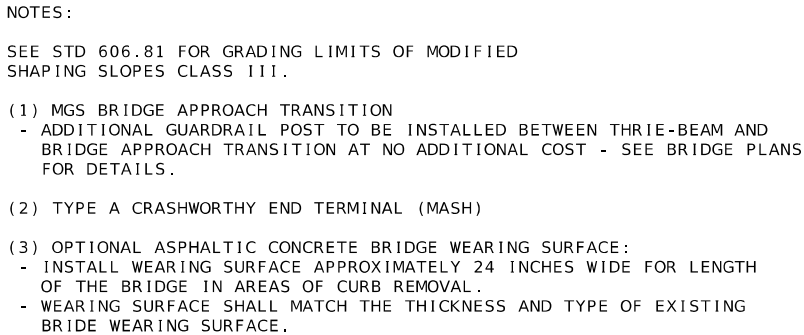
**MoDOT**

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

**Pickering**

Pickering Firm, Inc.  
101 South Church Street, Suite 303  
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Missouri Certificate of Authority No. 2012006790





SPECIAL SHEETS  
SHEET 3 OF 3  
DRAWING NOT TO SCALE

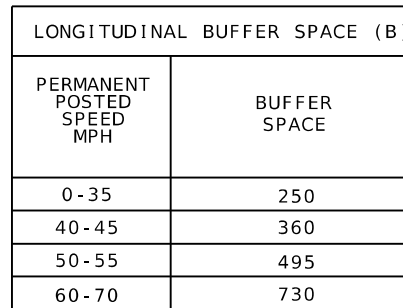






| TAPER LENGTHS AND SPACING<br>OF CHANNELIZING DEVICES |                                                     |       |       |                                |                      |
|------------------------------------------------------|-----------------------------------------------------|-------|-------|--------------------------------|----------------------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

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



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

TRAFFIC CONTROL  
SHEET 1 OF 2

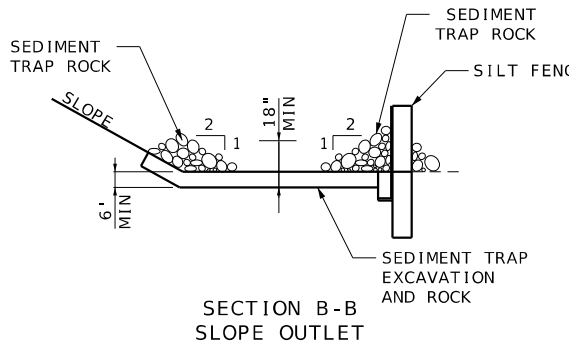
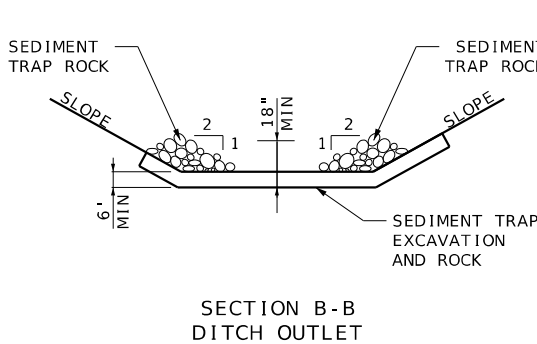
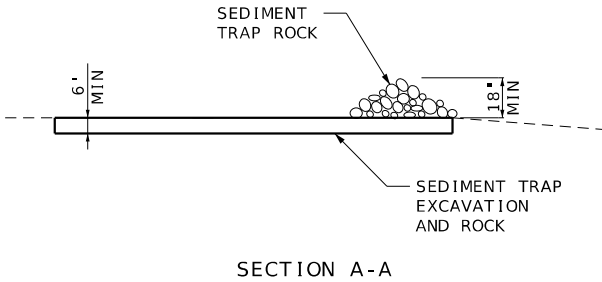
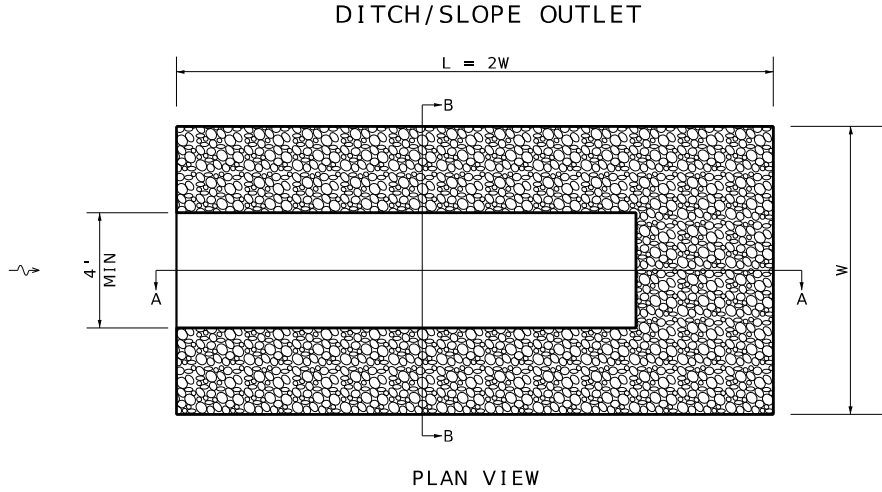








## SEDIMENT TRAP DETAIL



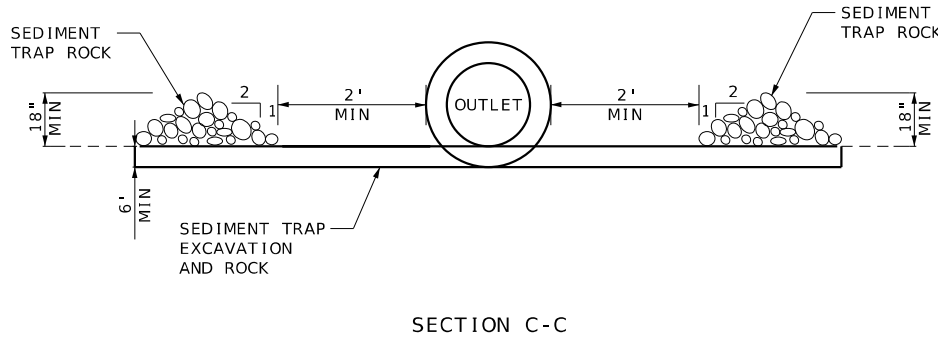
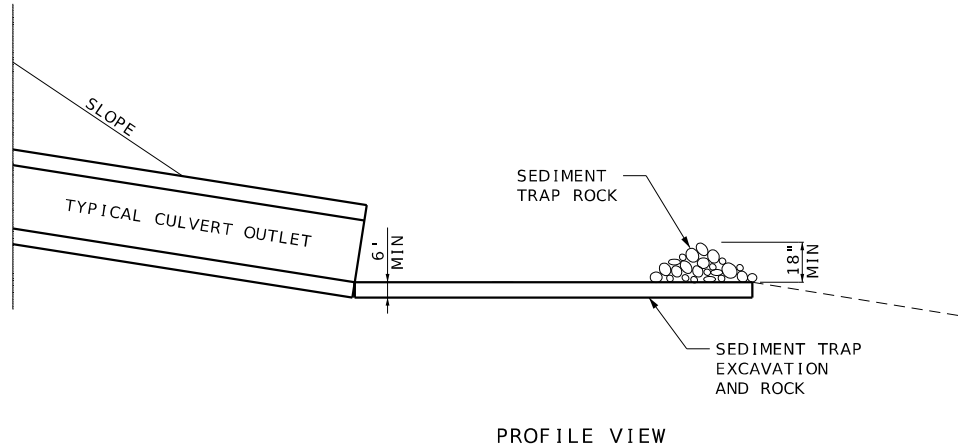
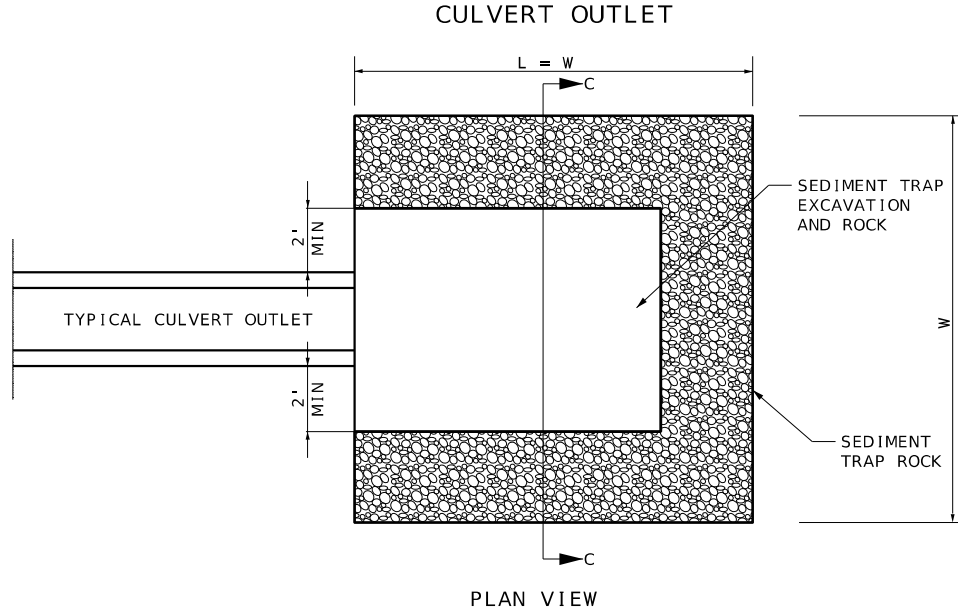
NOTE :

LOCATION SHALL INCLUDE CULVERT OUTLETS AND DITCHES WHERE WATER EXITS R/W OR PRIOR TO ENTERING A STREAM. AS DIRECTED BY ENGINEER.

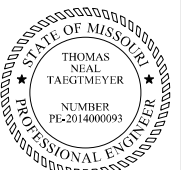
SEDIMENT TRAPS TO BE L = W AS LONG AS DIMENSION STAY WITHIN R/W. DIMENSION MAY BE ADJUSTED TO FIT WITHIN R/W. AS APPROVED BY ENGINEER.

LOCATIONS WITHIN THE CLEARZONE SHALL BE REMOVED OR LEVELED  
AFTER VEGETATION HAS BEEN ESTABLISHED PROVIDING SUFFICIENT  
PROTECTION OF THE DITCH OR SWALE, AS APPROVED BY ENGINEER.

SEE STD PLAN 806.10 FOR ADDITIONAL DETAILS.



EROSION CONTROL SHEETS  
SHEET 1 OF 2  
DRAWING NOT TO SCALE



THIS SHEET HAS BEEN  
SIGNED, SEALED AND DATED  
ELECTRONICALLY.

DATE PREPARED

21/21/2025

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COUNTY  
OREGON

JOB NO.

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CONTRACT ID.

PROJECT NO.

BRIDGE NO.

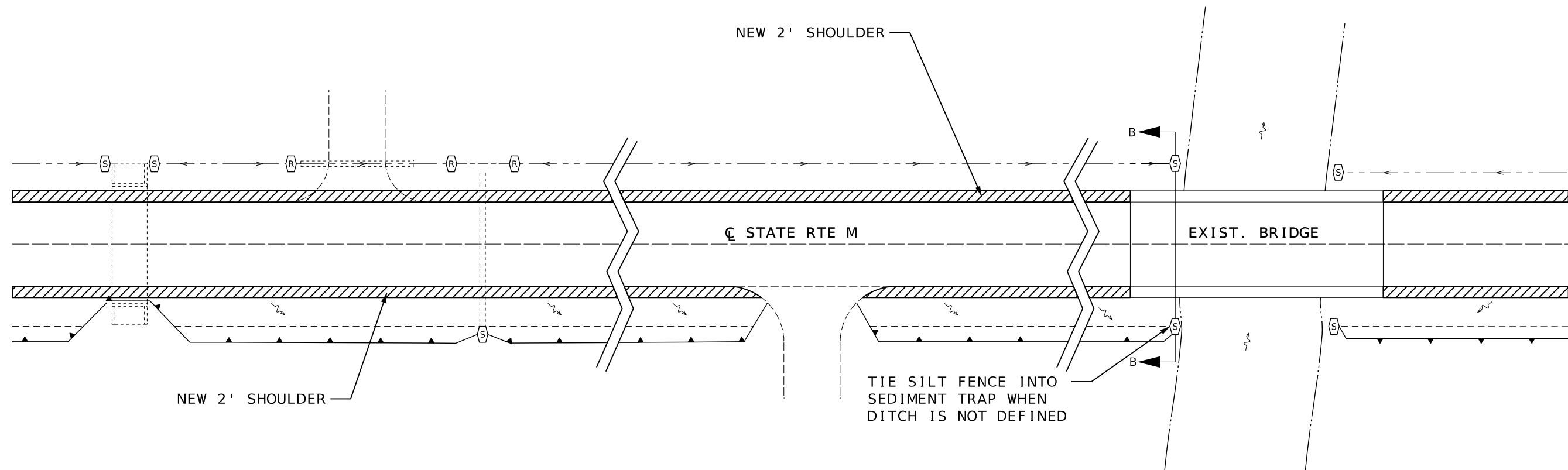
[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

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







TYPICAL APPLICATION OF EROSION CONTROL ITEMS  
NOT TO SCALE

TEMPORARY EROSION CONTROL LEGEND

- ROCK DITCH CHECK
- SEDIMENT TRAP
- SILT FENCE

NOTES:

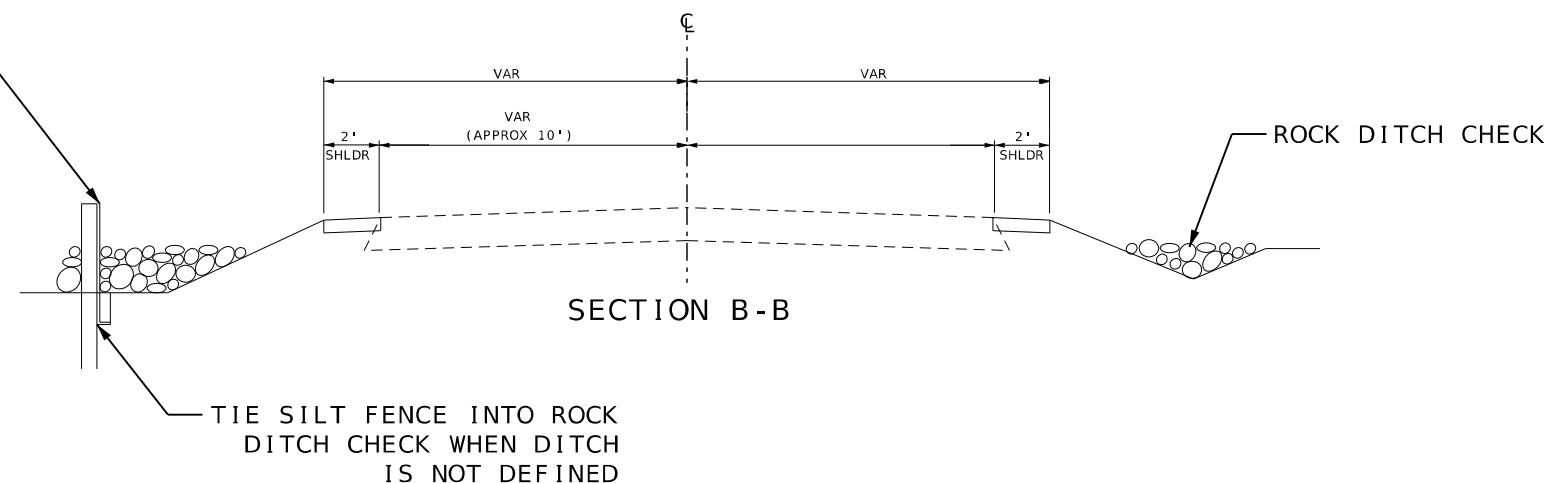
ROCK DITCH CHECKS SHALL BE LOCATED AT EACH BRIDGE CORNER.

ROCK DITCH CHECKS SHALL BE PLACED UPSTREAM OF ANY DRIVEWAY OR CROSSROAD CULVERT AND ANY ADDITIONAL LOCATIONS, AS DIRECTED BY THE ENGINEER.

USE SILT FENCE IN AREAS WITH NO DEFINED DITCH WHERE WATER EXISTS R/W AND TIE INTO NEARBY ROCK DITCH CHECK.

SEE STD PLAN 806.10 FOR ADDITIONAL DETAILS.

SILT FENCE ENDS AT  
ROCK DITCH CHECK  
OR SEDIMENT TRAP  
AS DIRECTED BY  
ENGINEER



SECTION B-B

EROSION CONTROL SHEETS  
SHEET 2 OF 2  
DRAWING NOT TO SCALE



THIS SHEET HAS BEEN  
SIGNED, SEALED AND DATED  
ELECTRONICALLY.

DATE PREPARED  
2/27/2025

ROUTE M STATE MO

DISTRICT SE SHEET NO. 15

COUNTY OREGON

JOB NO. JSE0108

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DESCRIPTION | DATE |
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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)

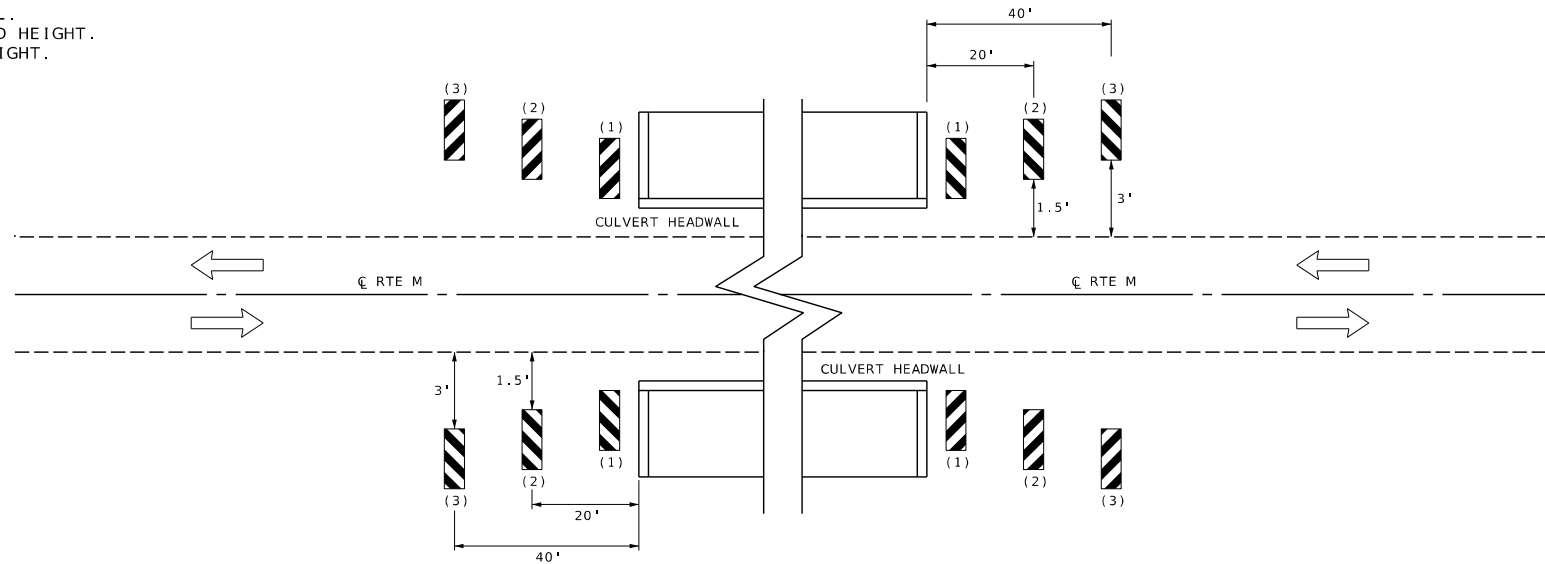
**Pickering**

Pickering Firm, Inc.  
101 South Church Street, Suite 303  
Jonesboro, AR 72401  
Phone: 870.336.0117  
Missouri Certificate of Authority No. 2012006790

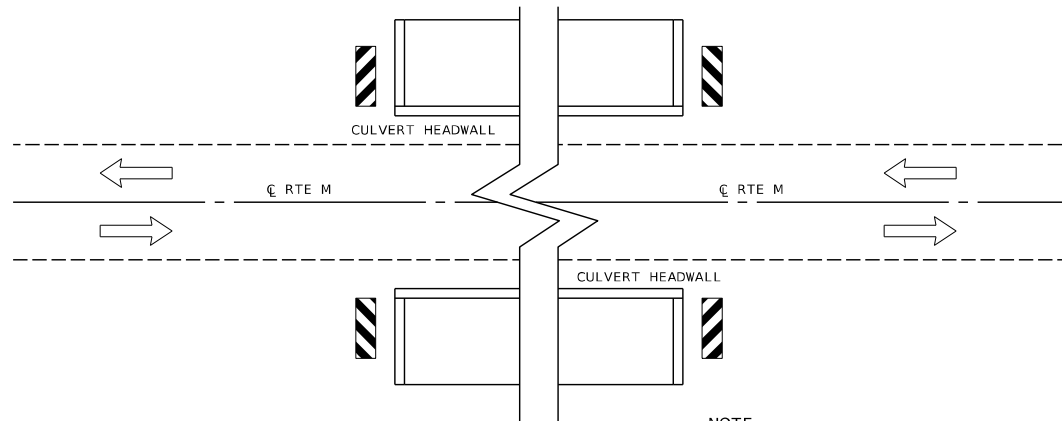


TYPE 3 OBJECT MARKER INSTALLATION  
(1) PLACED AS NEAR THE OBSTRUCTION AS POSSIBLE AND SET TO LINE UP WITH INSIDE EDGE OF OBSTRUCTION.  
(2) PLACED 1.5 FEET OFF THE EDGE OF PAVEMENT AND 20 FEET FROM THE END OF OBSTRUCTION.  
(3) PLACED 3.0 FEET OFF THE EDGE OF PAVEMENT AND 40 FEET FROM THE END OF OBSTRUCTION.

NOTE:  
OBJECT MARKER (1) MOUNTED AT GROUND LEVEL.  
OBJECT MARKER (2) MOUNTED AT 1/2 STANDARD HEIGHT.  
OBJECT MARKER (3) MOUNTED AT STANDARD HEIGHT.

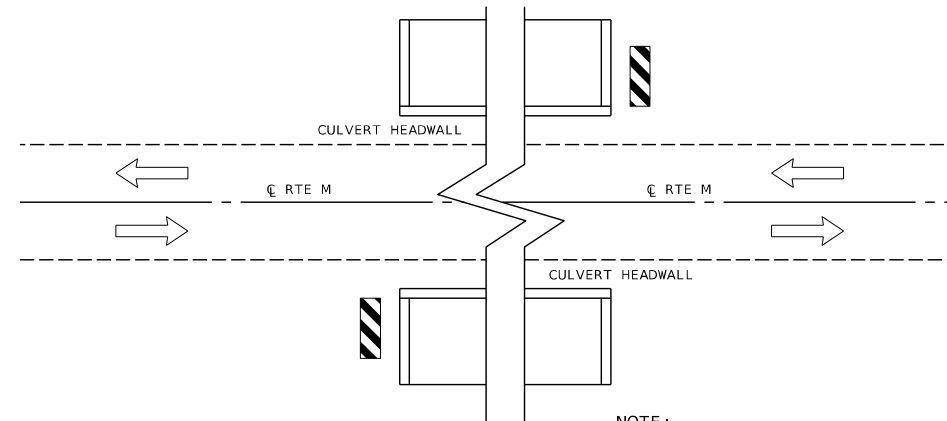


OBJECT MARKER PLACEMENT AT BOX CULVERTS  
WITH HEADWALL 2' OR LESS FROM EDGE OF TRAVEL LANE/SHOULDER  
AND LENGTH LONGER THAN 20'



NOTE:  
OBJECT MARKERS MOUNTED AT STANDARD HEIGHT.

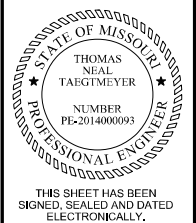
OBJECT MARKER PLACEMENT AT BOX CULVERTS  
WITH HEADWALL GREATER THAN 2' FROM EDGE OF TRAVEL LANE/SHOULDER  
AND LENGTH LONGER THAN 20'



NOTE:  
OBJECT MARKERS MOUNTED AT STANDARD HEIGHT.

OBJECT MARKER PLACEMENT AT BOX CULVERTS  
WITH HEADWALL LENGTH LESS THAN 20'

SIGNING SHEETS  
SHEET 1 OF 4  
DRAWING NOT TO SCALE



|                            |                 |
|----------------------------|-----------------|
| DATE PREPARED<br>2/27/2025 |                 |
| ROUTE<br>M                 | STATE<br>MO     |
| DISTRICT<br>SE             | SHEET NO.<br>16 |
| COUNTY<br>OREGON           |                 |
| JOB NO.<br>JSE0108         |                 |
| CONTRACT ID.               |                 |
| PROJECT NO.                |                 |
| BRIDGE NO.                 |                 |

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

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

MoDOT

Pickering

Pickering Firm, Inc.  
101 South Church Street, Suite 303  
Jonesboro, AR 72401  
Phone: 870.336.0117  
Missouri Certificate of Authority No. 2012006790



| EFFECTIVE: 07-01-2022                                                   |           |          |                       |          |                    |                            |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
|-------------------------------------------------------------------------|-----------|----------|-----------------------|----------|--------------------|----------------------------|--------------------------|------------|------------|------------|------------|------------------------|-----------|------------|------------|------------|------------------------|----------------------------------|----|----|----------------|------------------------------|------------|----|-----|----|----|----|--------------|------|-------|-------|----------|-----|---------------------|----------------------------------|----|----|----|-----|----|----|----|----|----|----|----|----|----|----|----|
| SIGNS                                                                   |           |          |                       |          |                    | CONCRETE FOOTINGS EMBEDDED | STRUCTURAL STEEL POSTS * |            |            |            |            | PIPE POSTS *           |           |            |            |            | BACKING BARS **        |                                  |    |    | U-CHANNEL POST | PERFORATED SQUARE STEEL TUBE |            |    |     |    |    |    |              |      |       |       |          |     |                     | REMARKS AND OTHER REQUIRED ITEMS |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 902 SIGNAL SIGNS TABULATED ON D-37A SHEET                               |           |          |                       |          |                    |                            | 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 | 2" X 3/8" BARS @ 2.55 LBS PER FT |    |    |                | TOTAL ITEM NO. 9031250A      | 2 IN. POST |    |     |    |    |    | 2.5 IN. POST |      |       |       |          |     | BREAK-AWAY ASSEMBLY |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| SIGN NO.                                                                | SIGN SIZE | LOG MILE | HORZ CLEAR IF NOT STD | LOCATION | SIGN DTL. SHT. NO. |                            |                          |            |            |            |            |                        |           |            |            |            |                        | ITEM NO. 9031010                 | LF | LF |                |                              | LF         | LF | IN. | LF | LF | LF | IN.          | LGTH | TOTAL | TOTAL | NO. EACH | IN. |                     |                                  | LF | LF | LF | EA  | EA | EA | EA | EA | EA | EA | EA | EA | EA | EA | EA |
| 1                                                                       | 12'X6'    | 0.000    |                       | CL       |                    | 0.32                       | 17                       | 17         |            | 9          | 306        |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     | SIGN BARRICADE      |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 2                                                                       | ASSEMB.   | 0.011    |                       | LT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 3                                                                       | 36"X36"   | 0.024    |                       | LT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 4                                                                       | 24"X24"   | 0.035    |                       | RT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 5                                                                       | 36"X48"   | 0.082    |                       | RT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 6                                                                       | 96"X24"   | 0.094    |                       | LT       |                    | 0.26                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 7                                                                       | ASSEMB.   | 0.182    |                       | LT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 8                                                                       | 36"X36"   | 0.494    |                       | RT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 9                                                                       | 12"X36"   | 1.002    |                       | LT & RT  |                    | 0.26                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 10                                                                      | 12"X36"   | 1.284    |                       | LT & RT  |                    | 0.26                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 11                                                                      | ASSEMB.   | 1.350    |                       | RT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 12                                                                      | 36"X48"   | 1.430    |                       | LT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 13                                                                      | 24"X24"   | 1.469    |                       | LT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 14                                                                      | ASSEMB.   | 1.480    |                       | RT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 15                                                                      | 36"X36"   | 1.497    |                       | RT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 16                                                                      | ASSEMB.   | 1.518    |                       | LT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 17                                                                      | 24"X24"   | 1.543    |                       | RT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 18                                                                      | ASSEMB.   | 1.645    |                       | LT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 19                                                                      | 36"X36"   | 1.807    |                       | LT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 20                                                                      | 12"X36"   | 2.310    |                       | LT & RT  |                    | 0.26                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 21                                                                      | 12"X36"   | 2.310    |                       | LT & RT  |                    | 0.26                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 22                                                                      | 12"X36"   | 2.310    |                       | LT & RT  |                    | 0.26                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 23                                                                      | 12"X36"   | 2.310    |                       | LT & RT  |                    | 0.26                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 24                                                                      | 12"X36"   | 2.310    |                       | LT & RT  |                    | 0.26                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 25                                                                      | 12"X36"   | 2.310    |                       | LT & RT  |                    | 0.26                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 26                                                                      | 36"X36"   | 2.497    |                       | LT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 27                                                                      | 12"X36"   | 2.623    |                       | LT & RT  |                    | 0.26                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 28                                                                      | ASSEMB.   | 3.265    |                       | RT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 29                                                                      | 36"X48"   | 3.355    |                       | LT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 30                                                                      | 72"X24"   | 3.355    |                       | RT       |                    | 0.26                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 31                                                                      | ASSEMB.   | 3.406    |                       | RT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 32                                                                      | 24"X24"   | 3.408    |                       | LT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 33                                                                      | ASSEMB.   | 3.446    |                       | LT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 34                                                                      | 24"X24"   | 3.453    |                       | RT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 35                                                                      | 36"X48"   | 3.480    |                       | RT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 36                                                                      | 72"X24"   | 3.538    |                       | LT       |                    | 0.26                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 37                                                                      | ASSEMB.   | 3.603    |                       | LT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 38                                                                      | 36"X36"   | 4.569    |                       | RT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 39                                                                      | ASSEMB.   | 4.800    |                       | RT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 40                                                                      | ASSEMB.   | 5.077    |                       | LT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 41                                                                      | 36"X36"   | 5.149    |                       | LT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 42                                                                      | 12"X36"   | 5.512    |                       | LT & RT  |                    | 0.26                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 43                                                                      | 36"X36"   | 5.811    |                       | RT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 44                                                                      | 36"X36"   | 5.833    |                       | LT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 45                                                                      | 12"X36"   | 6.353    |                       | LT & RT  |                    | 0.26                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 46                                                                      | 12"X36"   | 6.353    |                       | LT & RT  |                    | 0.26                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 47                                                                      | 36"X36"   | 7.275    |                       | RT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 48                                                                      | 12"X36"   | 8.036    |                       | LT & RT  |                    | 0.26                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 49                                                                      | 36"X48"   | 8.206    |                       | LT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 50                                                                      | 36"X36"   | 8.348    |                       | RT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 51                                                                      | 12"X36"   | 8.356    |                       | LT & RT  |                    | 0.26                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 52                                                                      | 12"X36"   | 8.869    |                       | LT & RT  |                    | 0.26                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 53                                                                      | 36"X36"   | 8.874    |                       | LT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 54                                                                      | 36"X48"   | 9.398    |                       | LT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 55                                                                      | ASSEMB.   | 9.465    |                       | RT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 56                                                                      | 36"X36"   | 9.500    |                       | RT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 57                                                                      | 96"X30"   | 9.553    |                       | RT       |                    | 0.26                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 58                                                                      | 24"X24"   | 9.606    |                       | LT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 59                                                                      | 36"X36"   | 9.622    |                       | RT       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| 60                                                                      | ASSEMB.   | 9.636    |                       | CL       |                    | 0.13                       |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| SUBTOTAL                                                                |           |          |                       |          |                    | 10.5                       |                          |            |            |            |            | 306                    |           |            |            |            |                        |                                  |    |    |                | 170                          |            |    |     |    |    |    |              |      |       |       |          | 581 |                     |                                  |    |    |    | 40  |    |    |    |    |    |    |    |    |    |    |    |
| TOTAL                                                                   |           |          |                       |          |                    | 10.5                       |                          |            |            |            |            | 480                    |           |            |            |            |                        |                                  |    |    |                | **                           |            |    |     |    |    |    |              |      |       |       |          | 464 |                     |                                  |    |    |    | 581 |    |    |    |    |    | 40 |    |    |    |    |    |
| * BREAKAWAY ASSEMBLY IS INCIDENTAL FOR STRUCTURAL STEEL AND PIPE POSTS. |           |          |                       |          |                    |                            |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| ** BACKING BARS ARE TOTALED WITH STRUCTURAL STEEL OR PIPE POSTS.        |           |          |                       |          |                    |                            |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| NOTE:                                                                   |           |          |                       |          |                    |                            |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| CONTRACTOR SHALL FIELD VERIFY REQUIRED POST LENGTH.                     |           |          |                       |          |                    |                            |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| STRUCTURAL STEEL POST AND FOOTING DATA TABLE                            |           |          |                       |          |                    |                            |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| POST                                                                    |           |          |                       |          |                    |                            |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| FOOTING                                                                 |           |          |                       |          |                    |                            |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| SIGNING SHEETS SHEET 2 OF 4                                             |           |          |                       |          |                    |                            |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |
| D-29                                                                    |           |          |                       |          |                    |                            |                          |            |            |            |            |                        |           |            |            |            |                        |                                  |    |    |                |                              |            |    |     |    |    |    |              |      |       |       |          |     |                     |                                  |    |    |    |     |    |    |    |    |    |    |    |    |    |    |    |





Diagram of a double-sided road sign for West Plains 15 and Alton 16. The sign is rectangular with a black border. The top half contains a left-pointing arrow, the text "West Plains 15", and a right-pointing arrow. The bottom half contains the text "Alton 16". Dimensions are provided for the sign's overall size and the spacing of the text and arrows.

| Measurement                                    | Value  |
|------------------------------------------------|--------|
| Overall width                                  | 96,000 |
| Overall height                                 | 12,000 |
| Top section height                             | 6,000  |
| Bottom section height                          | 6,000  |
| Left arrow width                               | 5,875  |
| Space between left arrow and "West Plains 15"  | 9,000  |
| Space between "West Plains 15" and right arrow | 6,000  |
| Right arrow width                              | 5,875  |
| Text "West Plains 15" width                    | 20,875 |
| Space between "Alton 16" and left arrow        | 24,375 |
| Text "Alton 16" width                          | 36,750 |
| Space between "Alton 16" and right arrow       | 8,125  |
| Right arrow width                              | 6,000  |
| Space between "Alton 16" and right arrow       | 9,000  |
| Right arrow width                              | 5,875  |

| ↩     | W      | e      | s      | t      | P      | l      | a      | n      | s      | l      | S      |        |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 5.875 | 20.875 | 28.625 | 33.750 | 38.750 | 47.750 | 54.125 | 57.125 | 63.250 | 66.625 | 72.125 | 82.000 | 85.250 |
| A     | l      | t      | o      | n      | l      | ↩      |        |        |        |        |        |        |
| 5.875 | 13.500 | 16.375 | 20.625 | 26.500 | 67.000 | 70.250 | 81.125 |        |        |        |        |        |

Technical drawing of a rectangular road sign with dimensions and layout details. The sign is divided into two horizontal sections. The top section contains a white arrow pointing up, the text "US 63", and the number "6". The bottom section contains a white arrow pointing left, the text "Alton", and the number "12". The sign has a white background and a black border. Dimensions are provided in feet and inches.

**Overall Dimensions:**

- Width: 24' 0" (7,200")
- Height: 4' 0" (12,000")

**Section Dimensions:**

- Top Section Height: 7' 0" (21,000")
- Bottom Section Height: 7' 0" (21,000")

**Text and Arrow Dimensions:**

- Top Section Text: "US 63" (11' 12.5" wide), "6" (7' 0" wide)
- Bottom Section Text: "Alton" (24' 37.5" wide), "12" (8' 12.5" wide)
- Arrows: 6' 0" (18,000") wide

**Spacing Dimensions:**

- Top Section Spacing: 7' 0" (21,000"), 6' 0" (18,000"), 6' 0" (18,000"), 11' 12.5" (34,125"), 6' 0" (18,000"), 10' 7.5" (32,250"), 13' 37.5" (40,125"), 7' 0" (21,000")
- Bottom Section Spacing: 7' 0" (21,000"), 9' 0" (27,000"), 6' 0" (18,000"), 24' 37.5" (74,125"), 10' 5.0" (31,500"), 8' 12.5" (24,750"), 7' 0" (21,000")

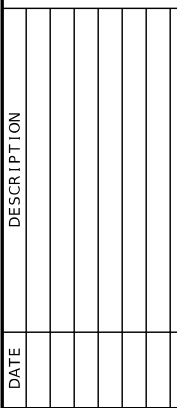
|                                                                                     |          |          |          |          |          |          |          |
|-------------------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|
|  | <b>U</b> | <b>S</b> | <b>6</b> | <b>3</b> | <b>6</b> |          |          |
| 7.000                                                                               | 19.000   | 25.375   | 36.125   | 42.125   | 60.250   |          |          |
|  | <b>A</b> | <b>I</b> | <b>t</b> | <b>o</b> | <b>n</b> | <b>1</b> | <b>2</b> |
| 7.000                                                                               | 22.000   | 29.625   | 32.375   | 36.750   | 42.500   | 56.875   | 60.250   |

Figure 1 shows the dimensions of a rectangular road sign. The sign is 72,000 units wide and 24,000 units high. It contains the text "Rover" and "2" on the top line, and "Alton" and "12" on the bottom line. Arrows point upwards on the left and to the right on the bottom. Dimensions are provided in units of 1,000. Top line text: "Rover" (width 25,750), "2" (width 15,500). Bottom line text: "Alton" (width 24,375), "12" (width 10,500). Margins: 7,000 (left), 6,000 (top), 6,000 (right), 7,000 (bottom). Spacing: 4,750 between "Rover" and "2", 8,125 between "Alton" and "12".

| Table of letter and object lefts                                                    |          |          |          |          |          |          |                                                                                     |
|-------------------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|-------------------------------------------------------------------------------------|
|  | <b>R</b> | <b>o</b> | <b>v</b> | <b>e</b> | <b>r</b> | <b>2</b> |                                                                                     |
| 7,000                                                                               | 19,000   | 25,375   | 30,500   | 36,125   | 41,750   | 60,250   |                                                                                     |
| <b>A</b>                                                                            | <b>l</b> | <b>t</b> | <b>o</b> | <b>n</b> | <b>1</b> | <b>2</b> |  |
| 7,000                                                                               | 14,625   | 17,375   | 21,750   | 27,500   | 41,875   | 45,250   | 56,000                                                                              |

The diagram shows a rectangular two-way road sign with a black border. The top half has a white background with a black left-pointing arrow, the text "Koshkonong" in black, and a large black number "1". The bottom half has a black background with the text "Brandsville" in white, a large white number "4", and a white right-pointing arrow. Dimension lines indicate the sign's size: overall width is 96,000; top section width is 94,000; bottom section width is 92,000; top section height is 30,000; bottom section height is 30,000; and the total height is 60,000. Spacing dimensions for the text and arrows are also provided.

| Table of letter and object lists |        |        |        |        |        |        |        |        |        |        |        |        |
|----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ↩                                | K      | o      | s      | h      | k      | o      | n      | o      | n      | g      | l      |        |
| 7,000                            | 22,000 | 28,000 | 33,125 | 38,750 | 44,875 | 50,000 | 55,875 | 61,500 | 67,250 | 72,875 | 87,250 |        |
| <div>1,000</div>                 |        |        |        |        |        |        |        |        |        |        |        |        |
| B                                | r      | a      | n      | d      | s      | v      | l      | l      | l      | e      | 4      | ⇒      |
| 7,000                            | 13,875 | 17,750 | 23,750 | 29,500 | 35,000 | 40,000 | 46,125 | 49,500 | 53,000 | 55,875 | 68,500 | 80,000 |

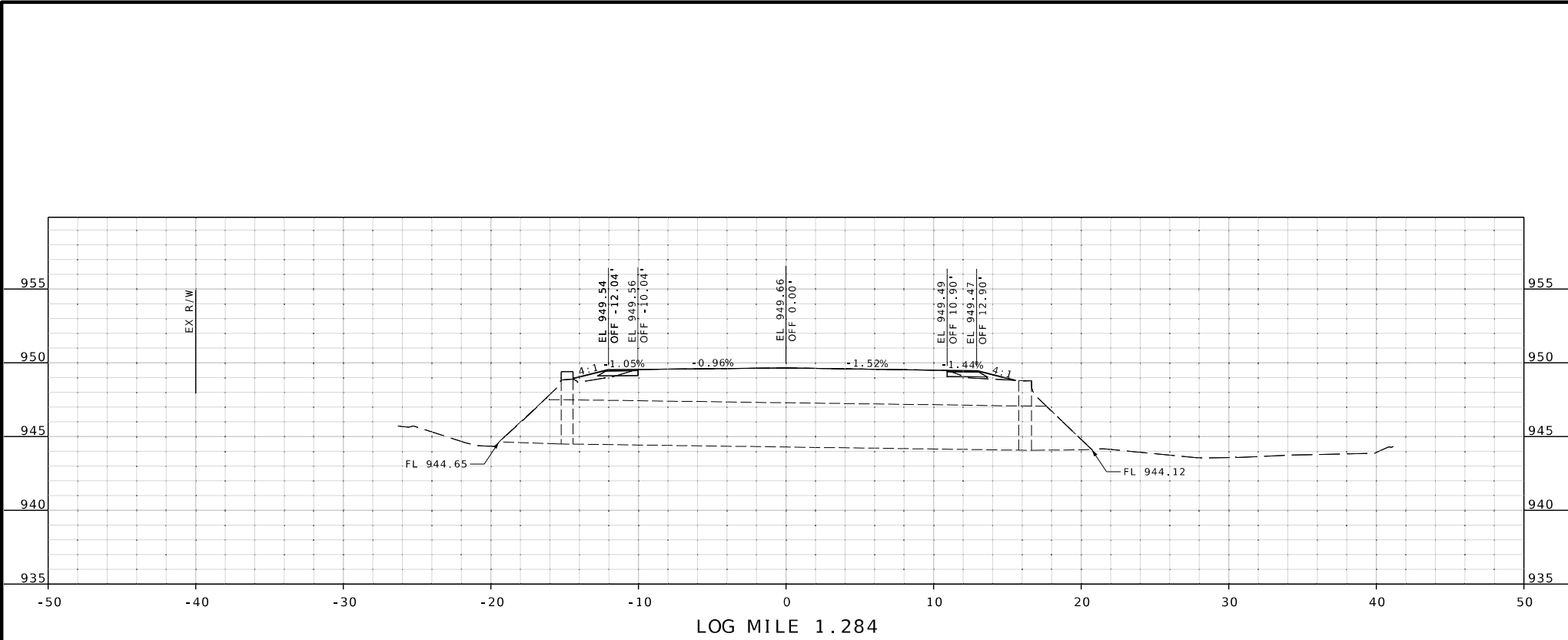


105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

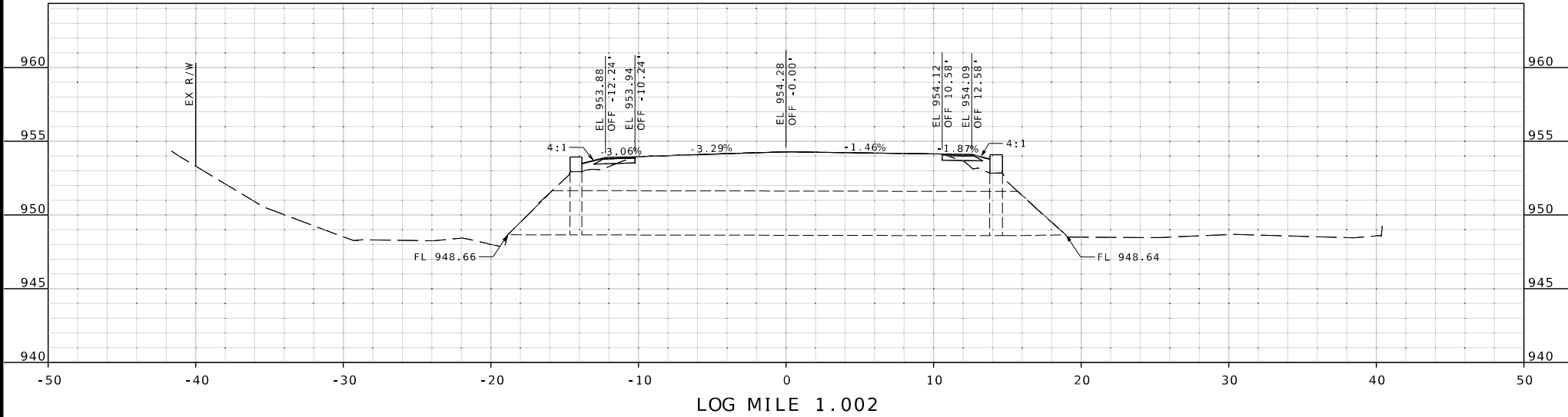


D - 31

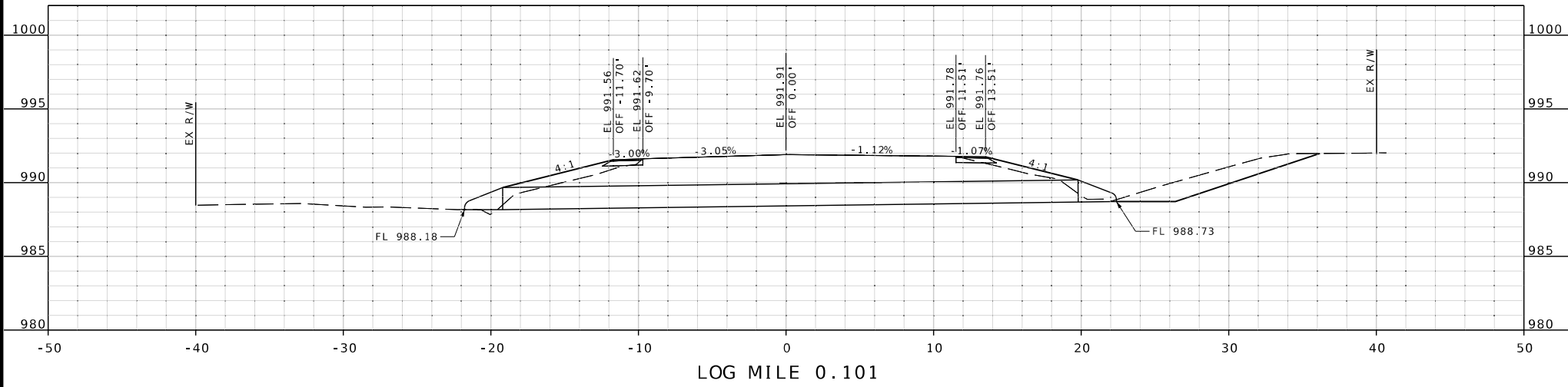




CULVERT NUMBER - 5  
ROUTE M  
EXISTING 5'x3'  
SINGLE BOX  
SKEW = 0°  
RAISE HEADWALL  
0.5' LT



CULVERT NUMBER - 4  
ROUTE M  
EXISTING 5'x3'  
DOUBLE BOX  
SKEW = 0°  
RAISE HEADWALL  
1' LT AND 1.25' RT



CULVERT NUMBER - 1  
ROUTE M  
EXISTING 18" CMP  
SKEW = 0°  
REPLACE WITH 39' OF  
18" GROUP C PIPE  
2 - 18" F.E.S.  
16.9 CY TYPE I AGG



THIS SHEET HAS BEEN  
SIGNED, SEALED AND DATED  
ELECTRONICALLY.

DATE PREPARED

2/27/2025

ROUTE STATE

M MO

DISTRICT SHEET NO.

SE 20

COUNTY

OREGON

JOB NO.

JSE0108

CONTRACT ID.

PROJECT NO.

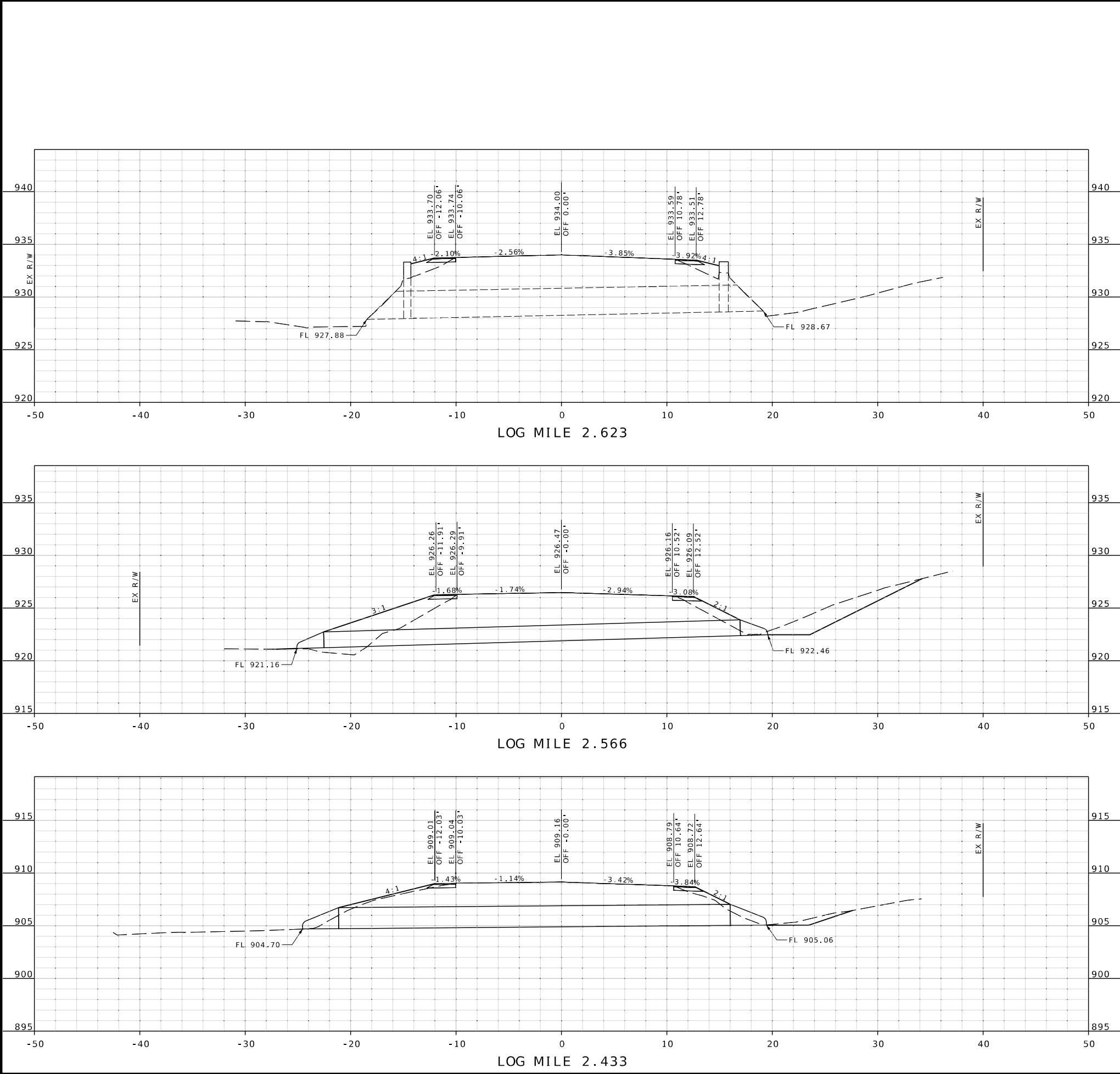
BRIDGE NO.

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









CULVERT NUMBER - 14  
ROUTE M  
EXISTING 4'x2.5'  
SINGLE BOX  
SKEW = 0°  
RAISE HEADWALL  
1.5' LT AND 1.0' RT

CULVERT NUMBER - 13  
ROUTE M  
EXISTING 15" CMP  
SKEW = 0°  
REPLACE WITH 40' OF  
18" GROUP C PIPE  
2 - 18" F.E.S.  
27.6 CY TYPE 1 AGG

CULVERT NUMBER - 12  
ROUTE M  
EXISTING DOUBLE 24" CMP  
SKEW = 0°  
REPLACE WITH DOUBLE 38' OF  
24" GROUP C PIPE  
4 - 24" F.E.S.  
49.1 CY TYPE I AGG

STATE OF MISSOURI

THOMAS NEAL TAEGTMEYER

NUMBER PE-2014000093

PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 2/27/2025

ROUTE M

DISTRICT SE

STATE MO

SHEET NO. 22

COUNTY OREGON

JOB NO. JSE0108

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

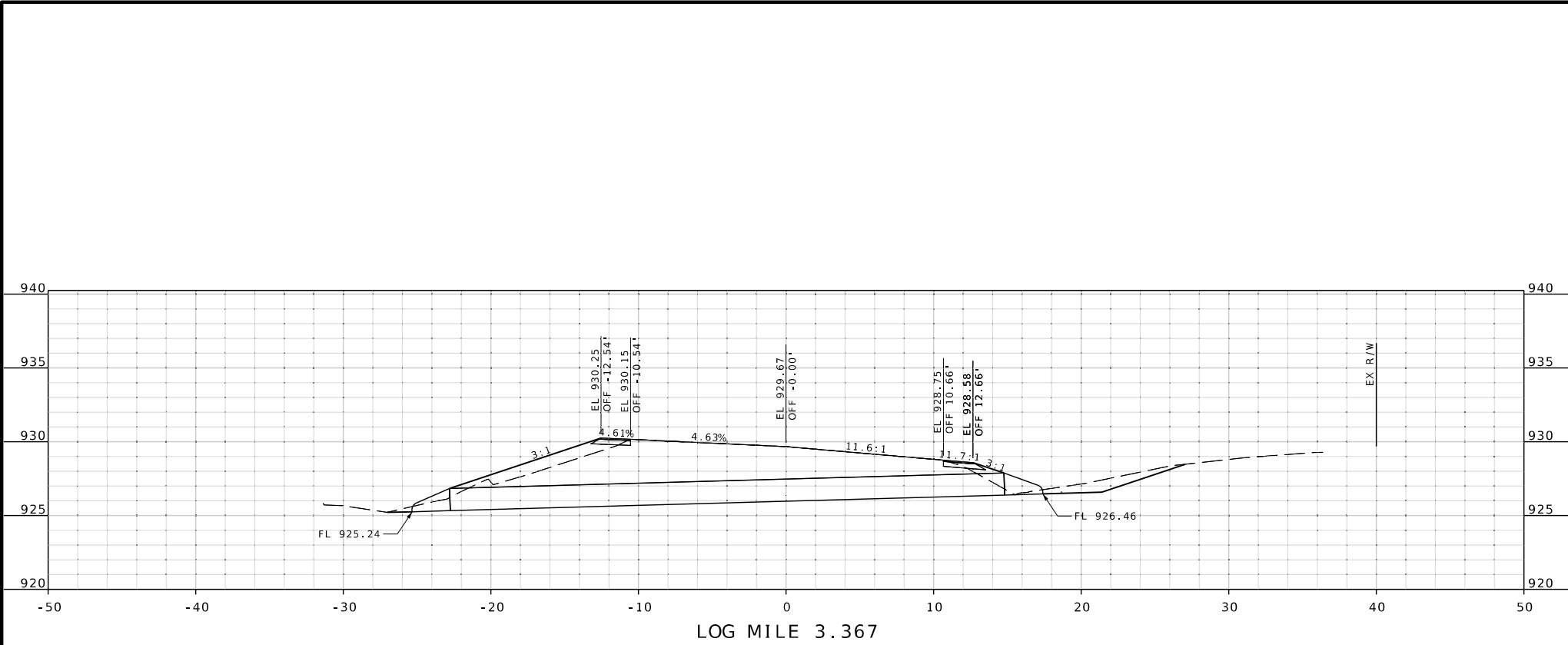
MoDOT

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

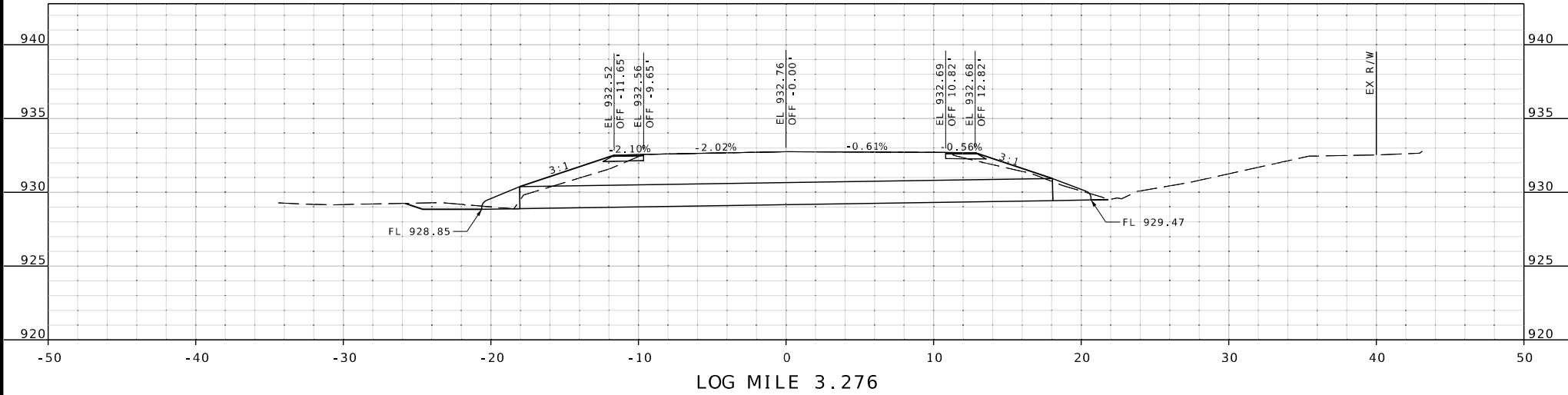
Pickering

Pickering Firm, Inc. 101 South Church Street, Suite 303 Jonesboro, AR 72401 Phone: 870.336.0117 Missouri Certificate of Authority No. 2012006790

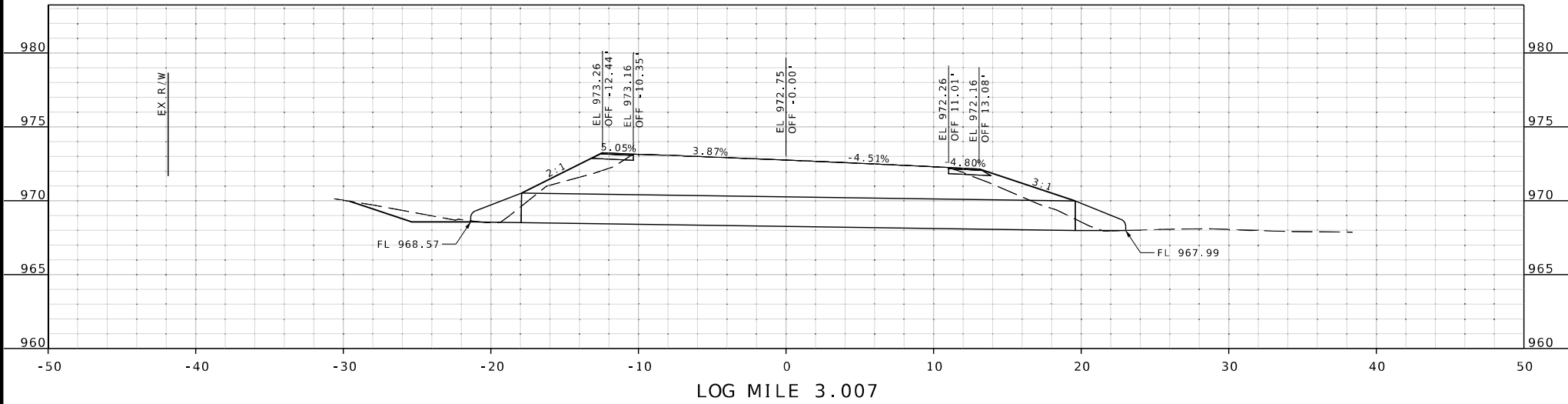
022\_CS\_03\_JSE0108\_15.dgn 9:34:46 AM 2/27/2025



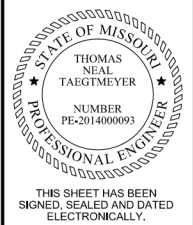
CULVERT NUMBER - 19  
ROUTE M  
EXISTING 15" CMP  
SKEW = 0°  
REPLACE WITH 38' OF  
18" GROUP C PIPE  
2 - 18" F.E.S.  
18.7 CY TYPE 1 AGG



CULVERT NUMBER - 18  
ROUTE M  
EXISTING 18" CMP  
SKEW = 0°  
REPLACE WITH 36' OF  
18" GROUP C PIPE  
2 - 18" F.E.S.  
17.8 CY TYPE 1 AGG



CULVERT NUMBER - 16  
ROUTE M  
EXISTING 24" CMP  
SKEW = 25°  
REPLACE WITH 38' OF  
24" GROUP C PIPE  
2 - 24" F.E.S.  
27.3 CY TYPE 1 AGG



|                            |                 |
|----------------------------|-----------------|
| DATE PREPARED<br>2/27/2025 |                 |
| ROUTE<br>M                 | STATE<br>MO     |
| DISTRICT<br>SE             | SHEET NO.<br>23 |
| COUNTY<br>OREGON           |                 |
| JOB NO.<br>JSE0108         |                 |
| CONTRACT ID.               |                 |

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| PROJECT NO. |
| BRIDGE NO.  |

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

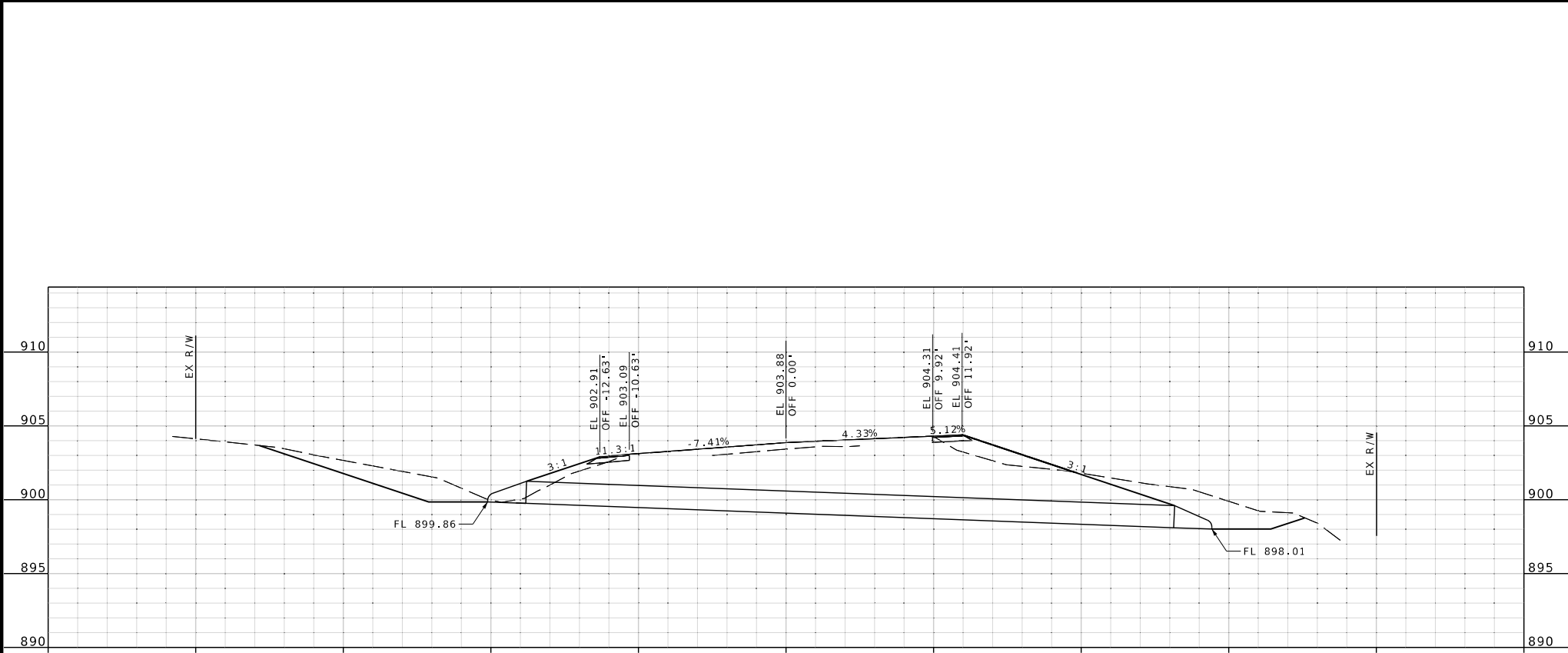


105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

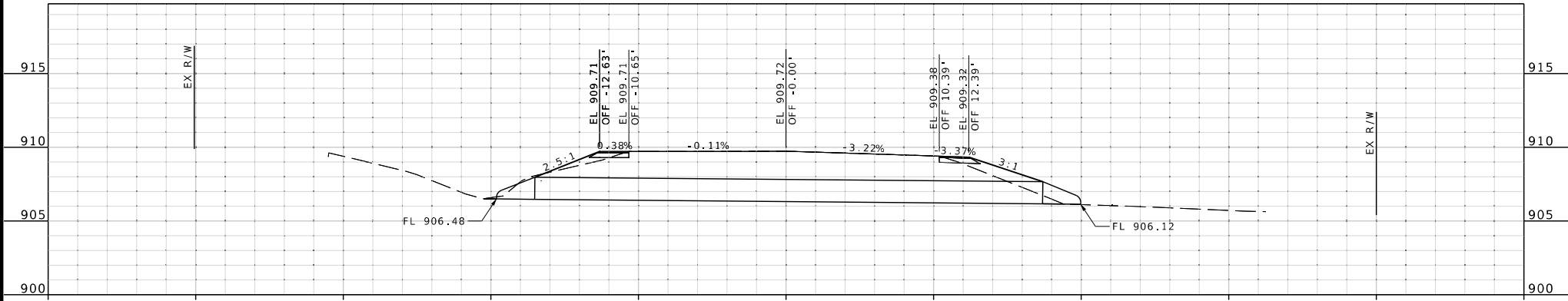


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Phone: 870.336.0117  
Missouri Certificate of Authority No. 2012006790

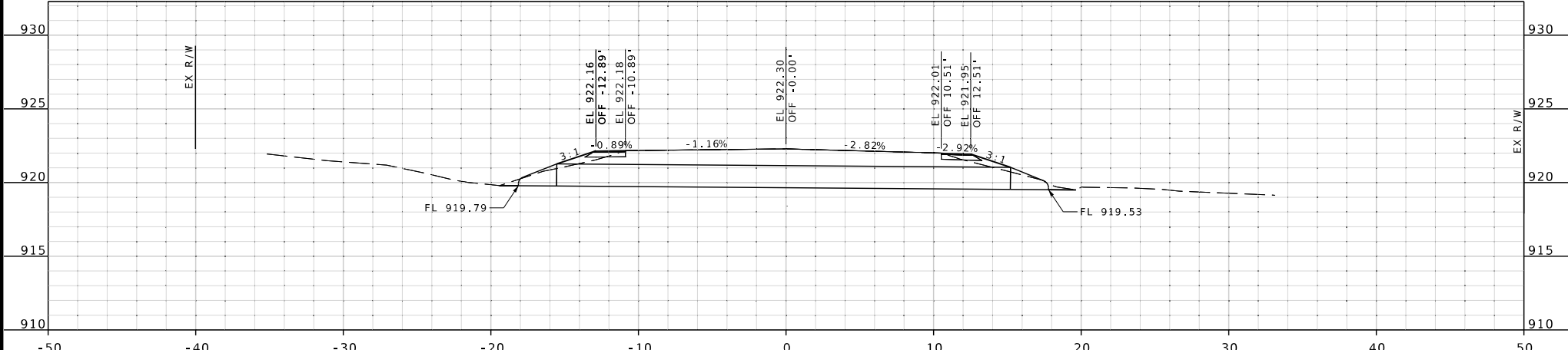




LOG MILE 3.935



LOG MILE 3.777



LOG MILE 3.619

CULVERT NUMBER - 24  
ROUTE M  
EXISTING 15" CMP  
SKEW = 0°  
REPLACE WITH 44' OF  
18" GROUP C PIPE  
2 - 18" F.E.S.  
29.9 CY TYPE 1 AGG

CULVERT NUMBER - 22  
ROUTE M  
EXISTING 15" CMP  
SKEW = 0°  
REPLACE WITH 35' OF  
18" GROUP C PIPE  
2 - 18" F.E.S.  
16.1 CY TYPE 1 AGG

CULVERT NUMBER - 21  
ROUTE M  
EXISTING 15" CMP  
SKEW = 0°  
REPLACE WITH 31' OF  
18" GROUP C PIPE  
2 - 18" F.E.S.  
9.8 CY TYPE I AGG



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DATE PREPARED  
2/27/2025

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| ROUTE    | STATE     |
| M        | MO        |
| DISTRICT | SHEET NO. |
| SE       | 24        |

COUNTY  
OREGON

JOB NO.  
JSE0108

CONTRACT ID.

PROJECT NO.

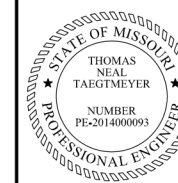
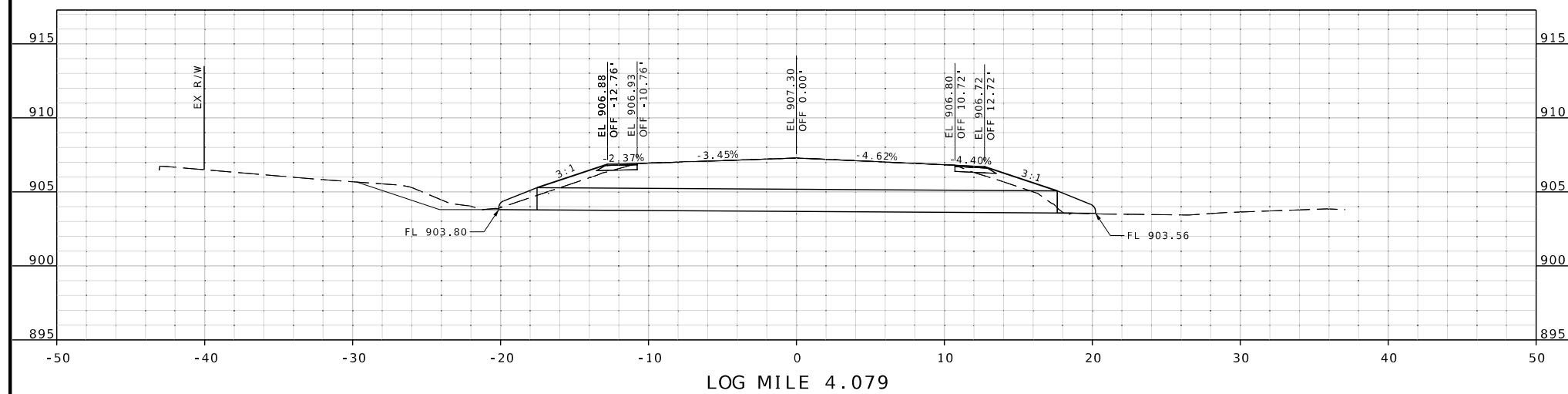
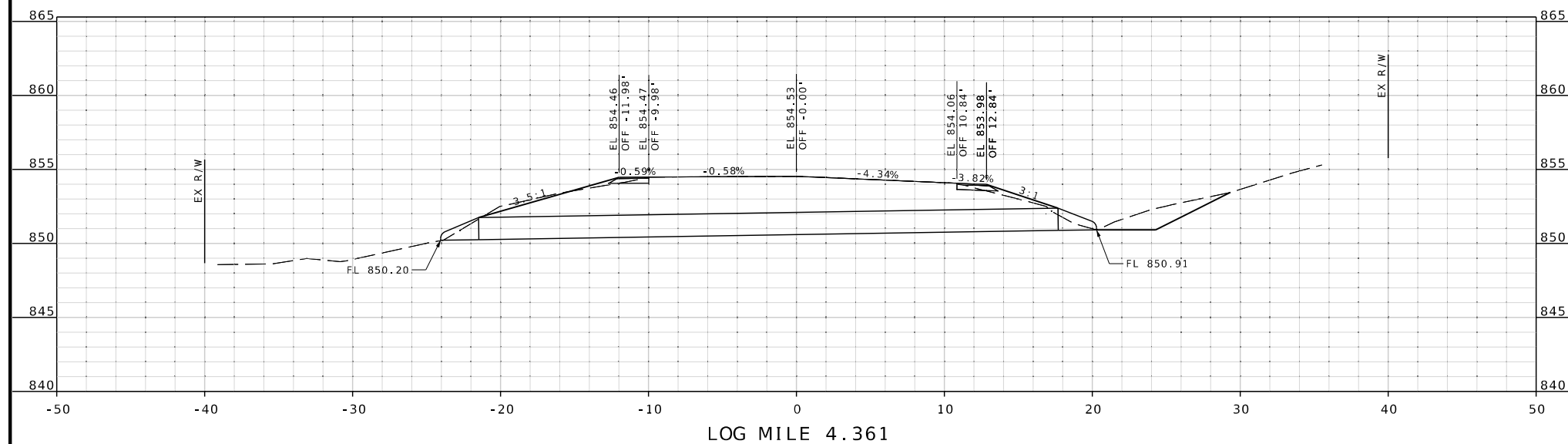
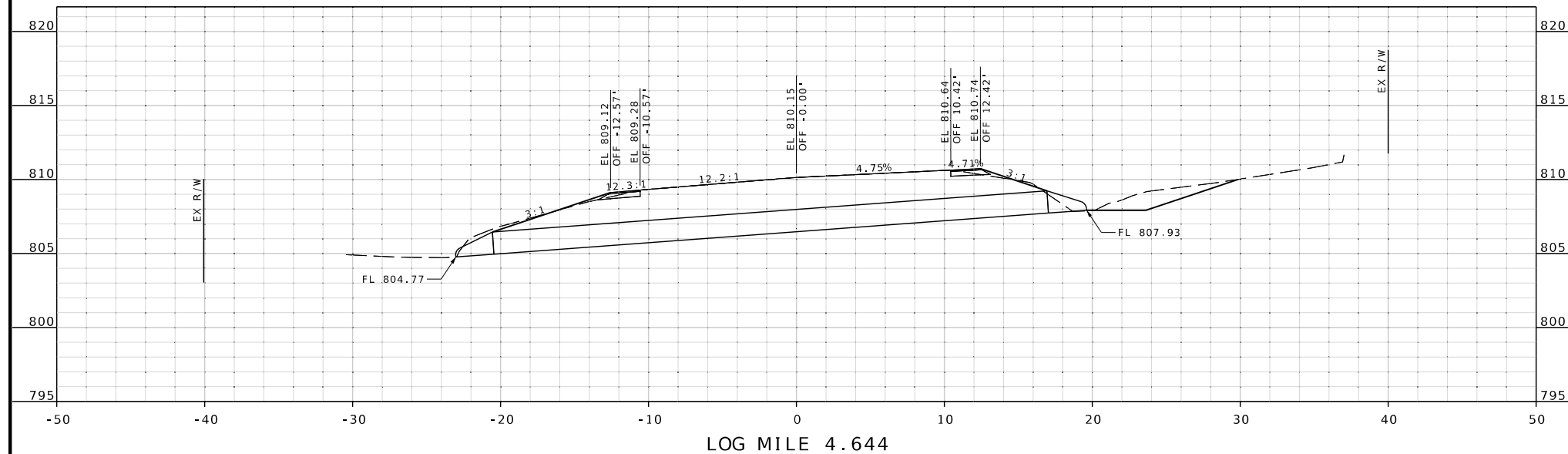
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MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

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

**Pickering**  
Pickering Firm, Inc.  
101 South Church Street, Suite 303  
Jonesboro, AR 72401  
Phone: 870.336.0117  
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COMMISSION

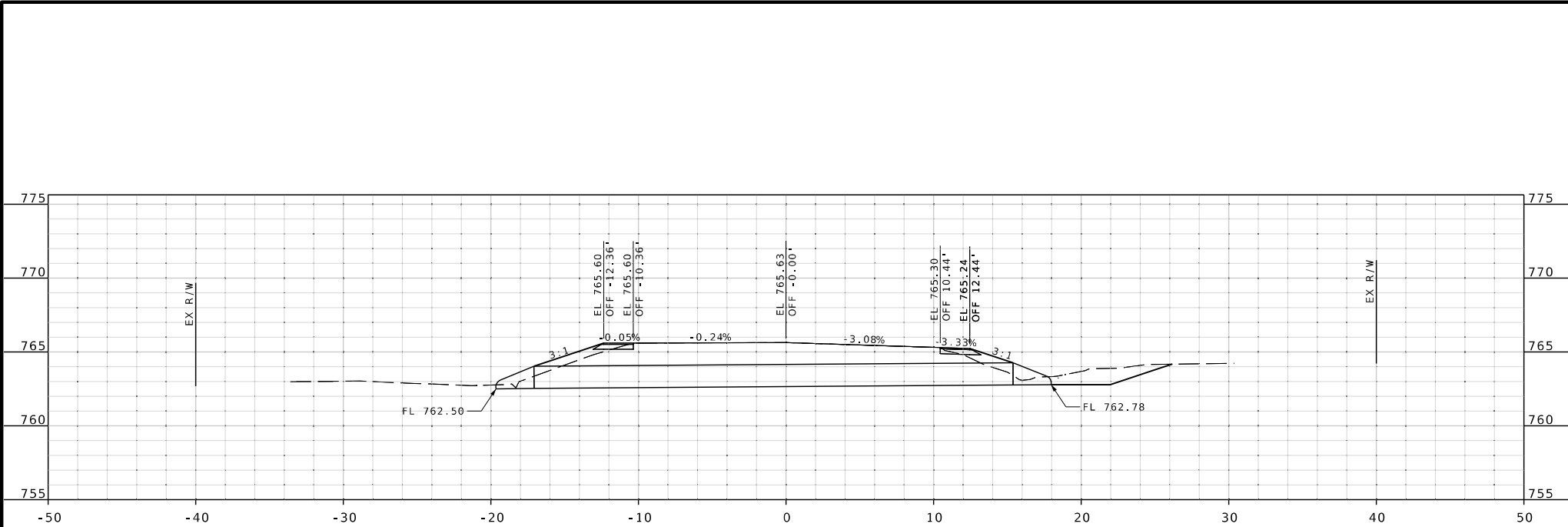
105 WEST CAPITOL  
JEFFERSON CITY MO 65102



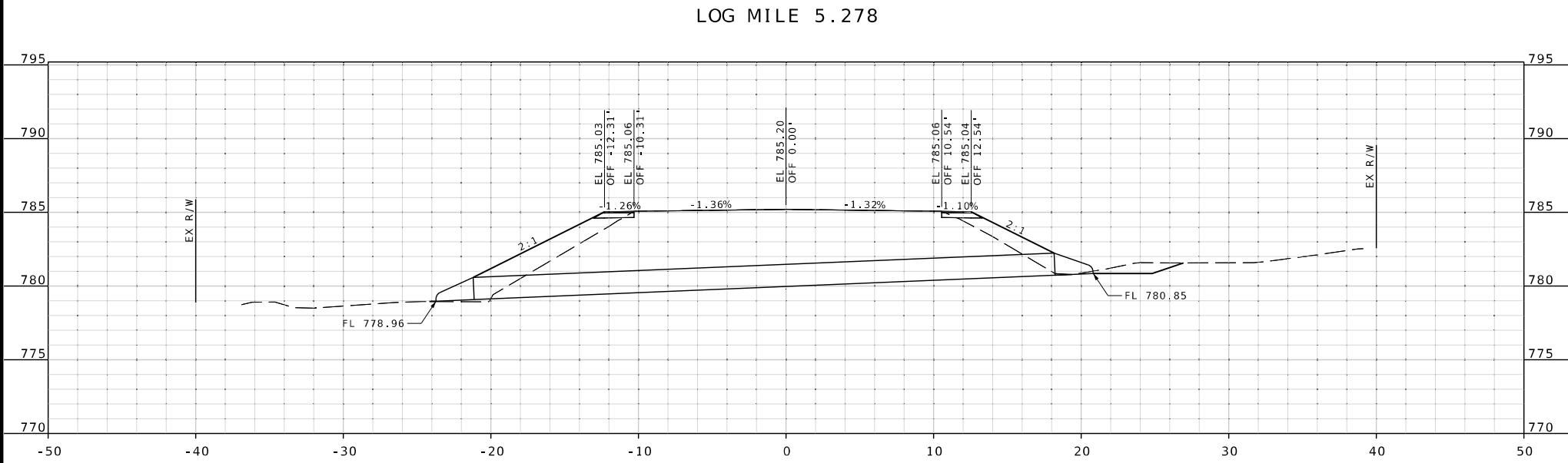
**Pickering Firm, Inc.**  
101 South Church Street, Suite 303  
Jonesboro, AR 72401  
Phone: 870 226 0147

Phone: 970 336 0117

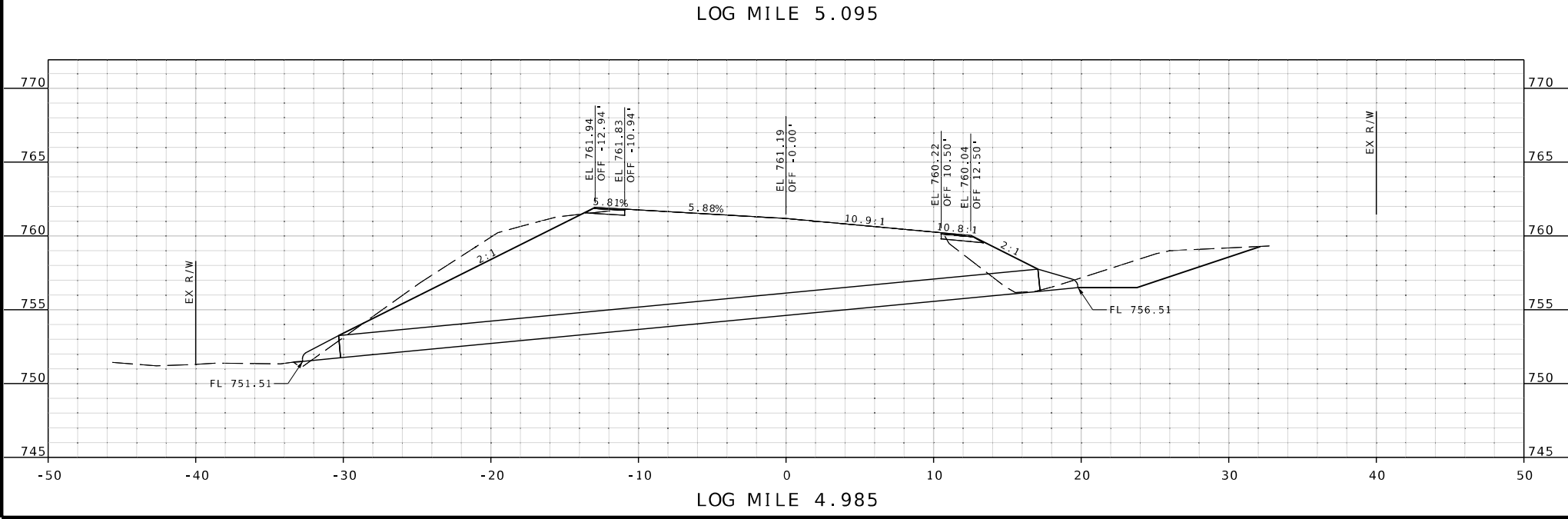




CULVERT NUMBER - 33  
ROUTE M  
EXISTING 15" CMP  
SKEW = 0°  
REPLACE WITH 33' OF  
18" GROUP C PIPE  
2 - 18" F.E.S.  
12.4 CY TYPE 1 AGG



CULVERT NUMBER - 32  
ROUTE M  
EXISTING 15" CMP  
SKEW = 0°  
REPLACE WITH 40' OF  
18" GROUP C PIPE  
2 - 18" F.E.S.  
35.2 CY TYPE 1 AGG



CULVERT NUMBER - 31  
ROUTE M  
EXISTING 15" CMP  
SKEW = 0°  
REPLACE WITH 48' OF  
18" GROUP C PIPE  
2 - 18" F.E.S.  
52.9 CY TYPE 1 AGG



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ROUTE M STATE MO

DISTRICT SE SHEET NO. 26

COUNTY OREGON

JOB NO. JSE0108

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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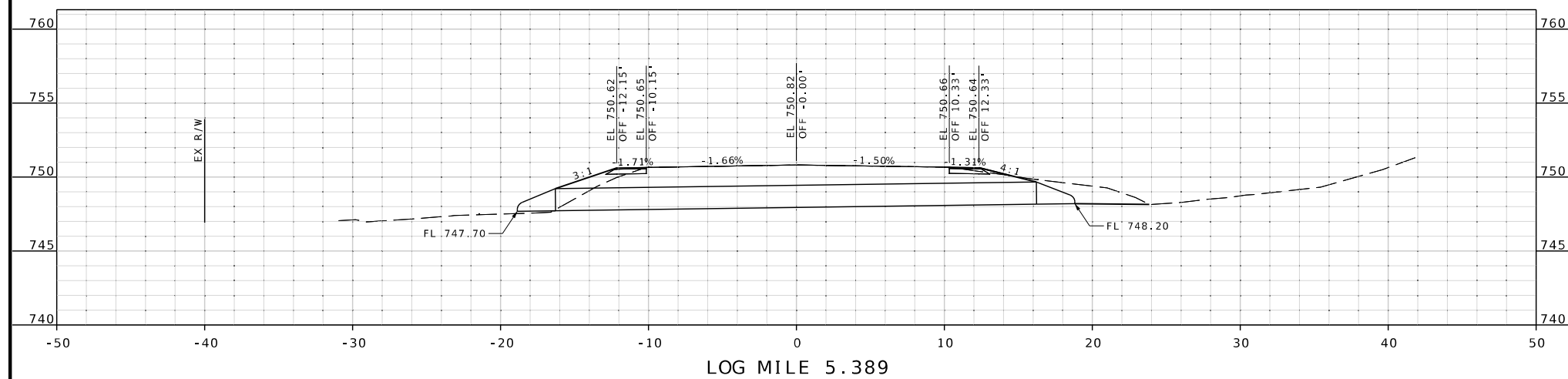
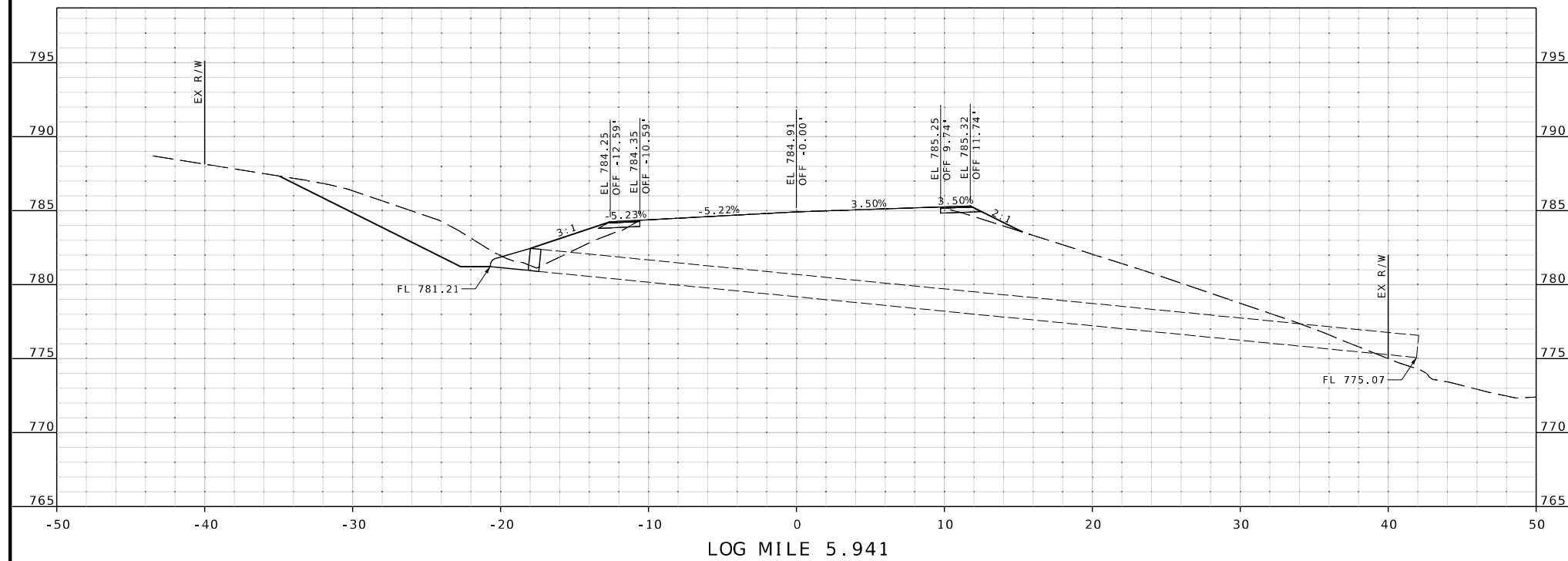
MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION



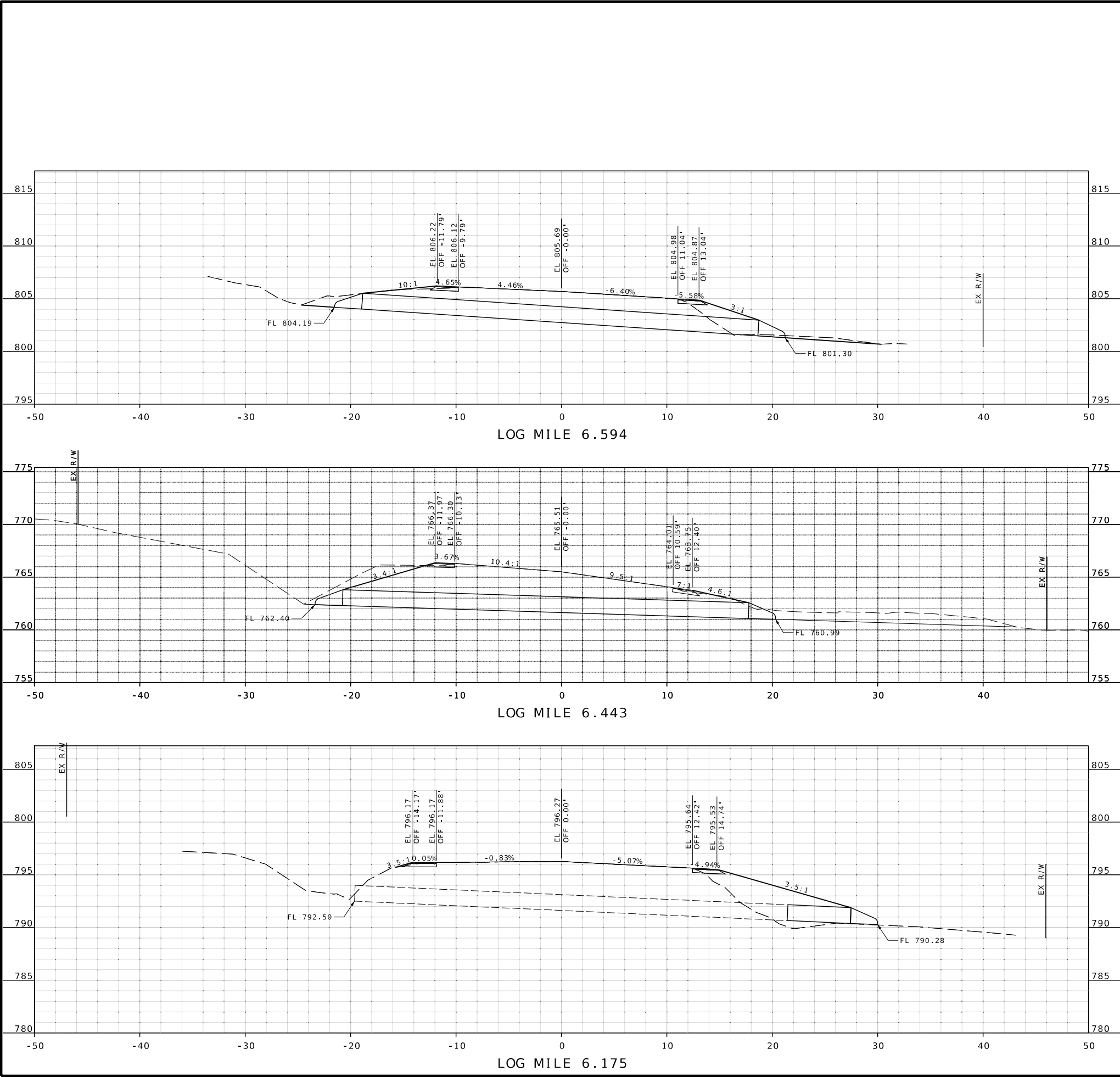
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)



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Missouri Certificate of Authority No. 2012006790







CULVERT NUMBER - 42  
ROUTE M  
EXISTING 15" CMP  
SKEW = 0°  
REPLACE WITH 38' OF  
18" GROUP C PIPE  
2 - 18" F.E.S.  
12.2 CY TYPE 1 AGG

CULVERT NUMBER - 41  
ROUTE M  
EXISTING 18" CMP  
SKEW = 29°  
REPLACE WITH 39' OF  
18" GROUP C PIPE  
2 - 18" F.E.S.  
20.3 CY TYPE 1 AGG

CULVERT NUMBER - 38  
ROUTE M  
EXISTING 18" CMP  
SKEW = 30°  
EXTEND 6' RT WITH  
18" GROUP C PIPE  
1 - 18" F.E.S.

STATE OF MISSOURI

THOMAS NEAL TAEGTMEYER

NUMBER PE-2014000093

PROFESSIONAL ENGINEER

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2/27/2025

ROUTE  
M

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SHEET NO.  
28

COUNTY  
OREGON

JOB NO.  
JSE0108

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

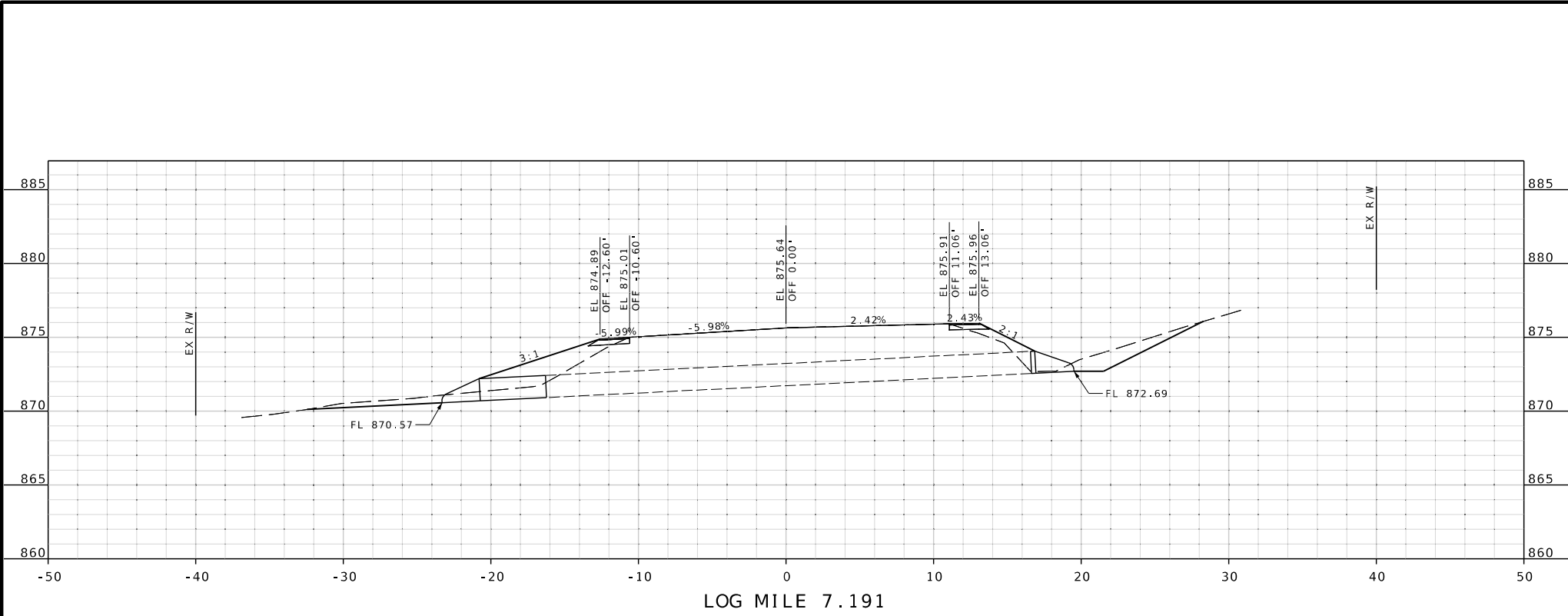
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105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)

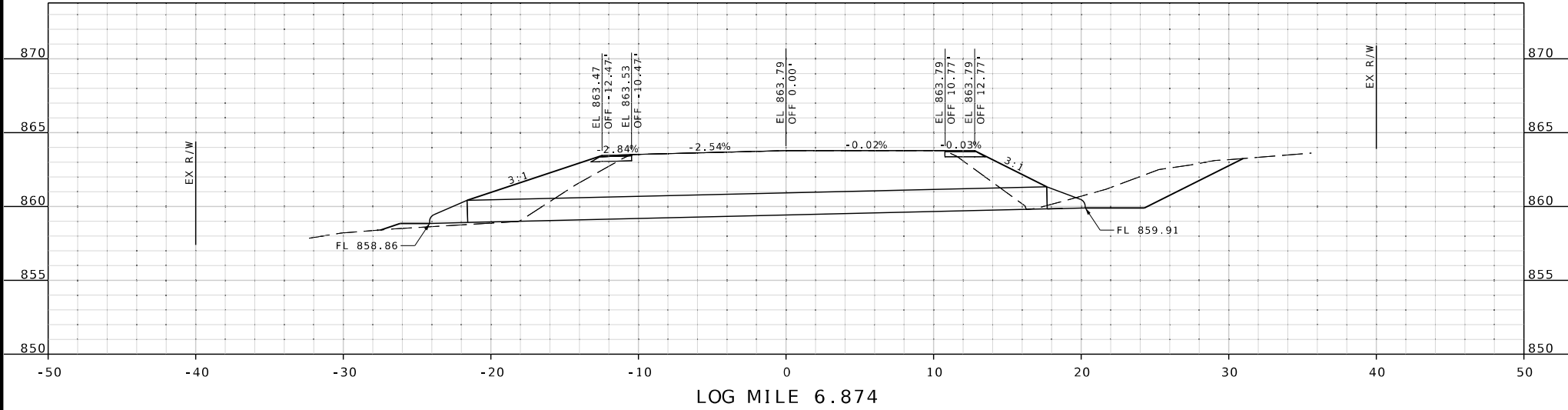
Pickering

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Jonesboro, AR 72401  
Phone: 870.336.0117  
Missouri Certificate of Authority No. 2012006790

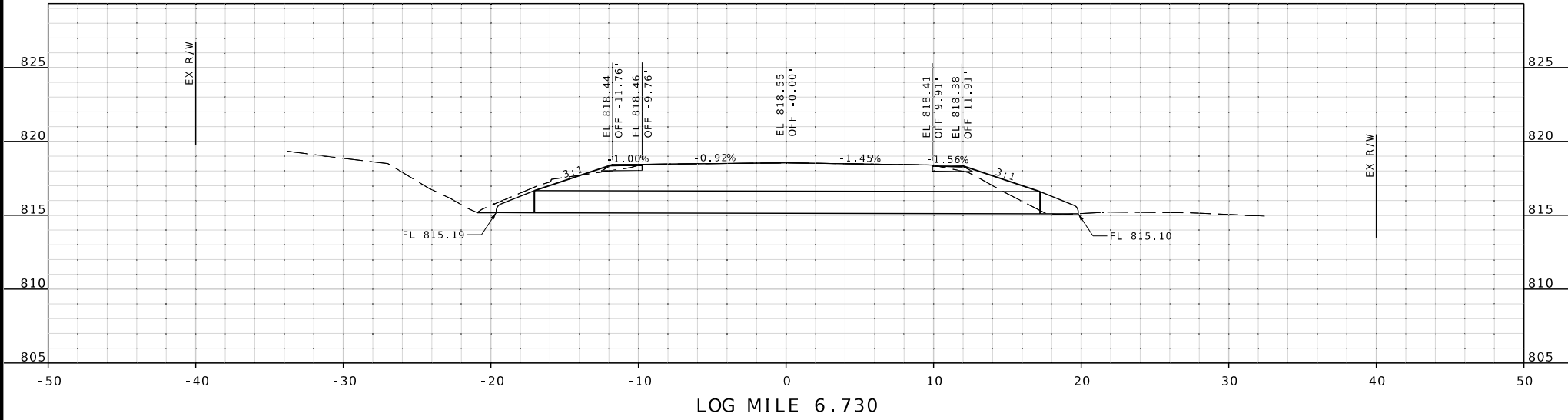
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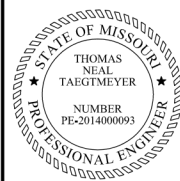
CULVERT NUMBER - 45  
ROUTE M  
EXISTING 18" CMP  
SKEW = 0°  
EXTEND 4.5' LT & 0.25' RT  
WITH 18" GROUP C PIPE  
2 - 18" F.E.S.



CULVERT NUMBER - 44  
ROUTE M  
EXISTING 15" CMP  
SKEW = 0°  
REPLACE WITH 40' OF  
18" GROUP C PIPE  
2 - 18" F.E.S.  
25.3 CY TYPE 1 AGG



CULVERT NUMBER - 43  
ROUTE M  
EXISTING 18" CMP  
SKEW = 0°  
REPLACE WITH 35' OF  
18" GROUP C PIPE  
2 - 18" F.E.S.  
16.1 CY TYPE I AGG



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2/27/2025

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| ROUTE    | STATE     |
| M        | MO        |
| DISTRICT | SHEET NO. |
| SE       | 29        |

COUNTY  
OREGON

JOB NO.  
JSE0108

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

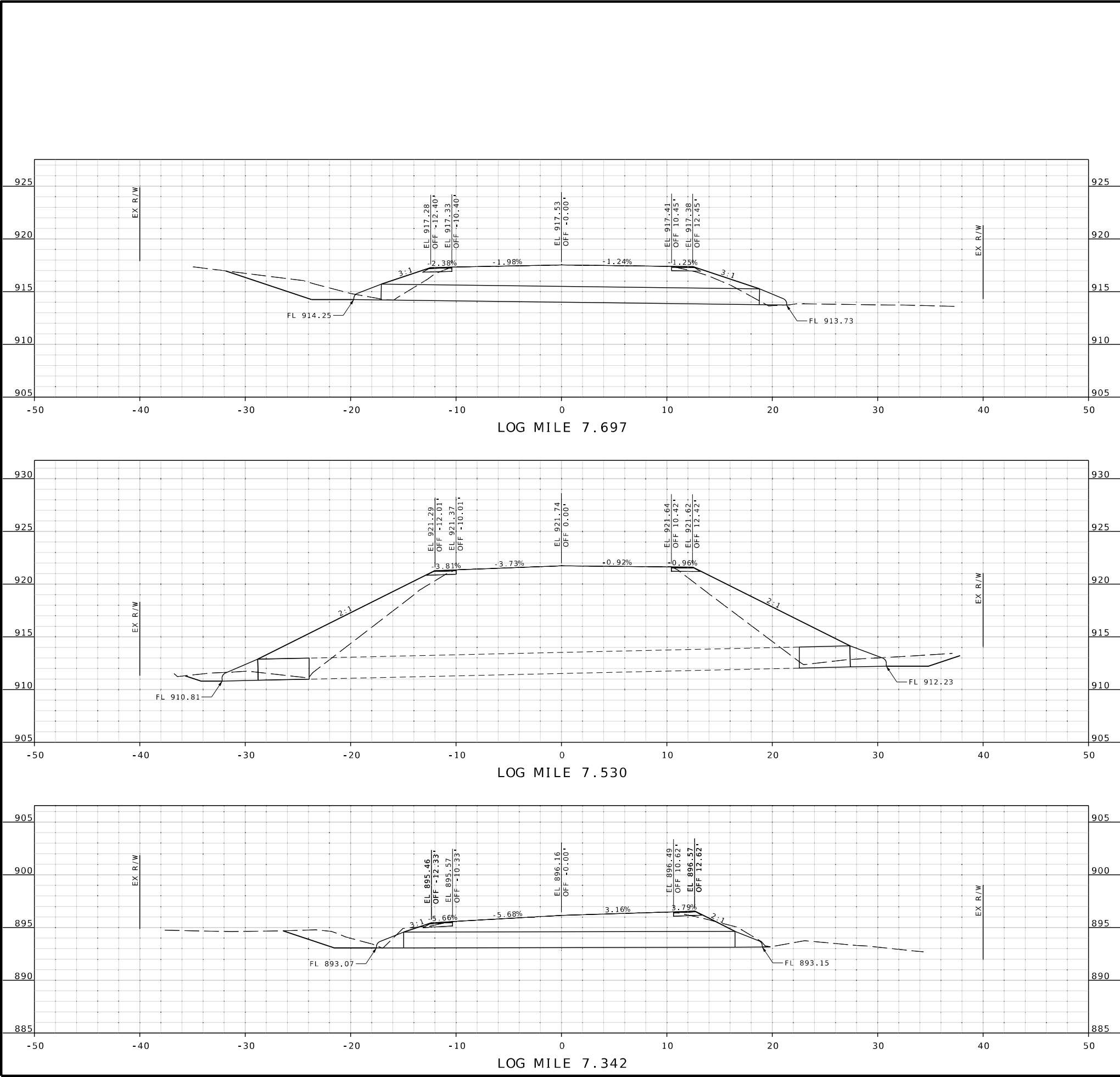
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MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

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

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CULVERT NUMBER - 48  
ROUTE M  
EXISTING 18" CMP  
SKEW = 0°  
REPLACE WITH 36' OF  
18" GROUP C PIPE  
2 - 18" F.E.S.  
17.2 CY TYPE 1 AGG

CULVERT NUMBER - 47  
ROUTE M  
EXISTING 24" CMP  
SKEW = 0°  
EXTEND 5' LT AND 5' RT  
WITH 24" GROUP C PIPE  
2 - 24" F.E.S.

CULVERT NUMBER - 46  
ROUTE M  
EXISTING 15" CMP  
SKEW = 0°  
REPLACE WITH 32' OF  
18" GROUP C PIPE  
2 - 18" F.E.S.  
13.1 CY TYPE I AGG

STATE OF MISSOURI

THOMAS NEAL TAEGTMEYER

NUMBER PE-2014000093

PROFESSIONAL ENGINEER

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DATE PREPARED  
2/27/2025

ROUTE  
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STATE  
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30

COUNTY  
OREGON

JOB NO.  
JSE0108

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

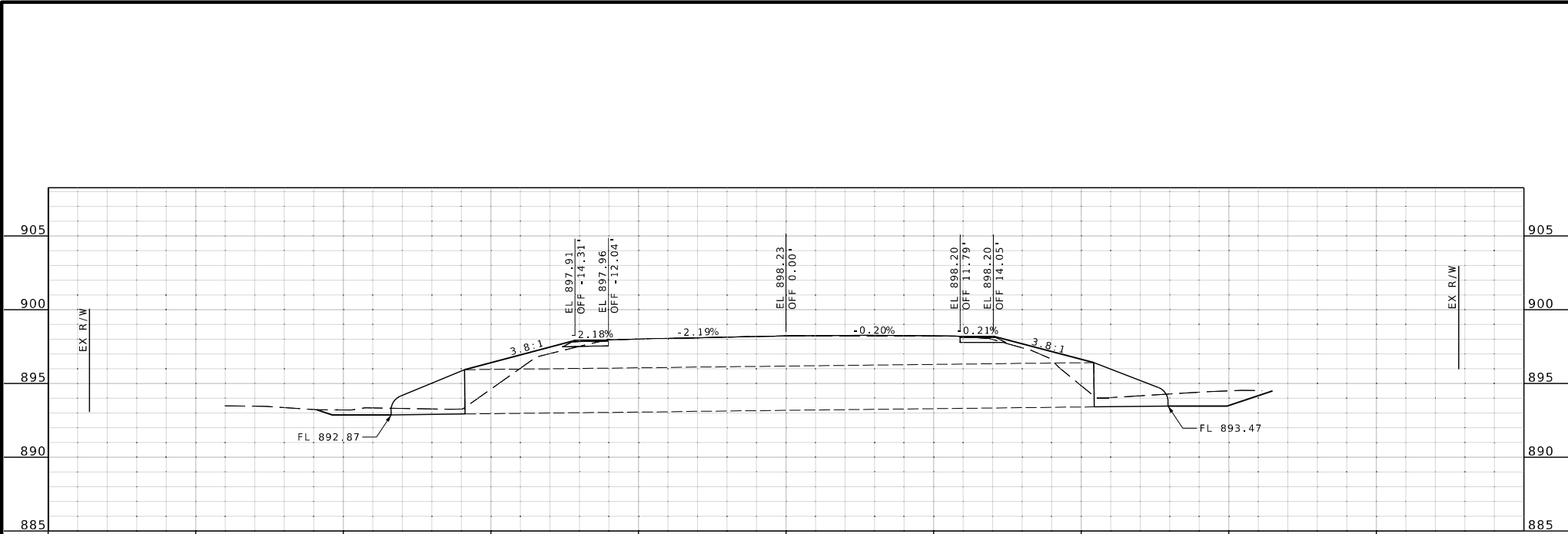
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105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

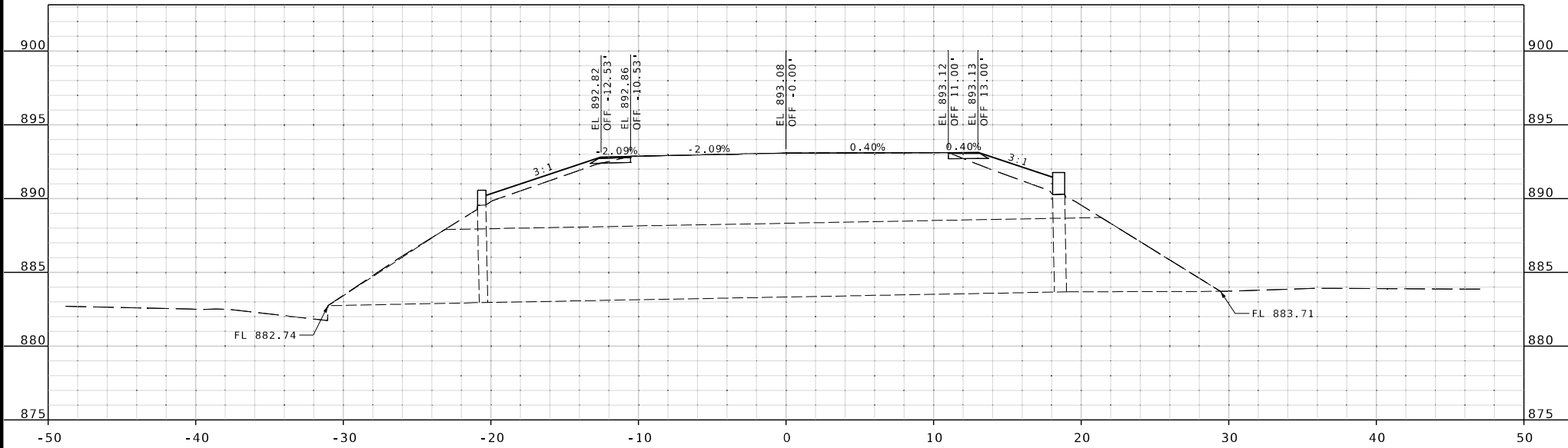
Pickering

Pickering Firm, Inc.  
101 South Church Street, Suite 303  
Jonesboro, AR 72401  
Phone: 870.336.0117  
Missouri Certificate of Authority No. 2012006790

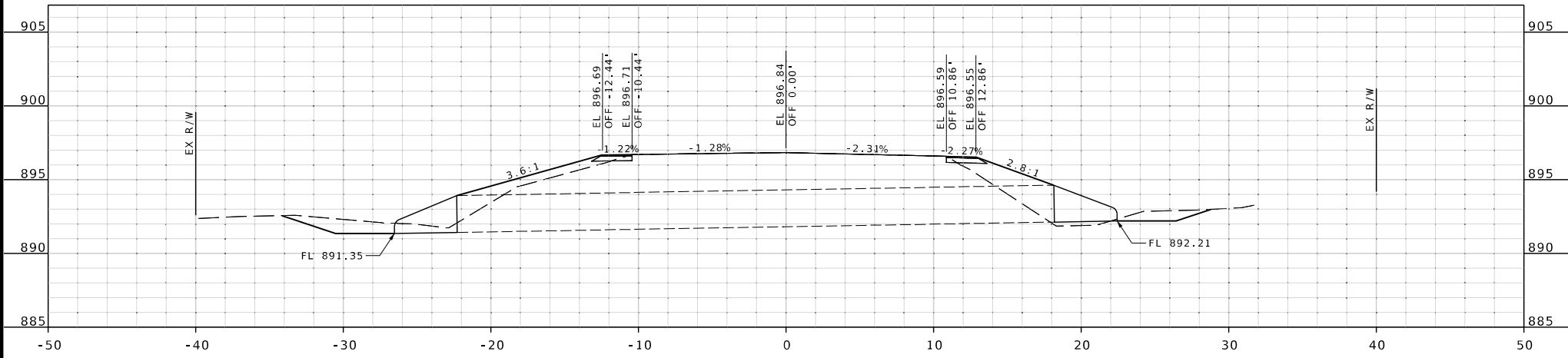
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LOG MILE 8.118



LOG MILE 8.036



LOG MILE 7.935

CULVERT NUMBER - 51  
ROUTE M  
EXISTING 36" CMP  
SKEW = 28°  
2 - 36" F.E.S.

CULVERT NUMBER - 50  
ROUTE M  
EXISTING 12.5'x5.5'  
SINGLE BOX  
SKEW = 0°  
RAISE HEADWALL  
1' LT AND 1.5' RT

CULVERT NUMBER - 49  
ROUTE M  
EXISTING DOUBLE 30" CMP  
SKEW = 0°  
4 - 30" F.E.S.

STATE OF MISSOURI

THOMAS NEAL TAEGTMEYER

NUMBER PE-2014000093

PROFESSIONAL ENGINEER

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DATE PREPARED  
2/27/2025

ROUTE  
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SHEET NO.  
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COUNTY  
OREGON

JOB NO.  
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CONTRACT ID.

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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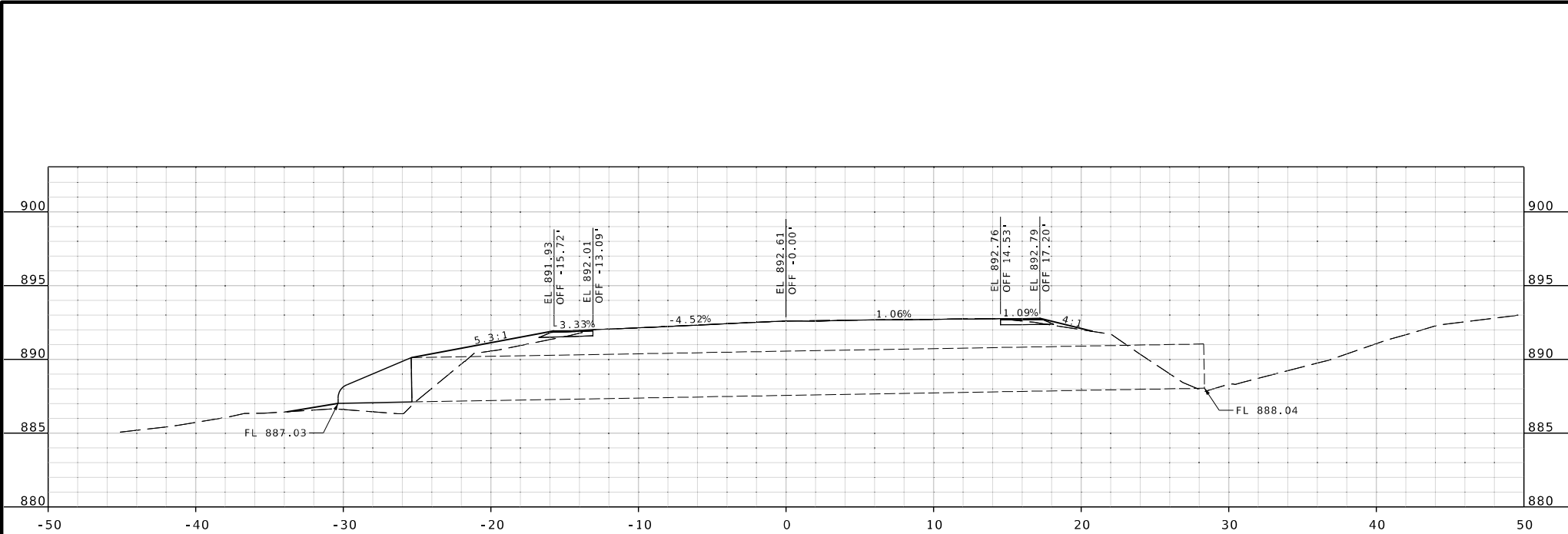
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

Pickering

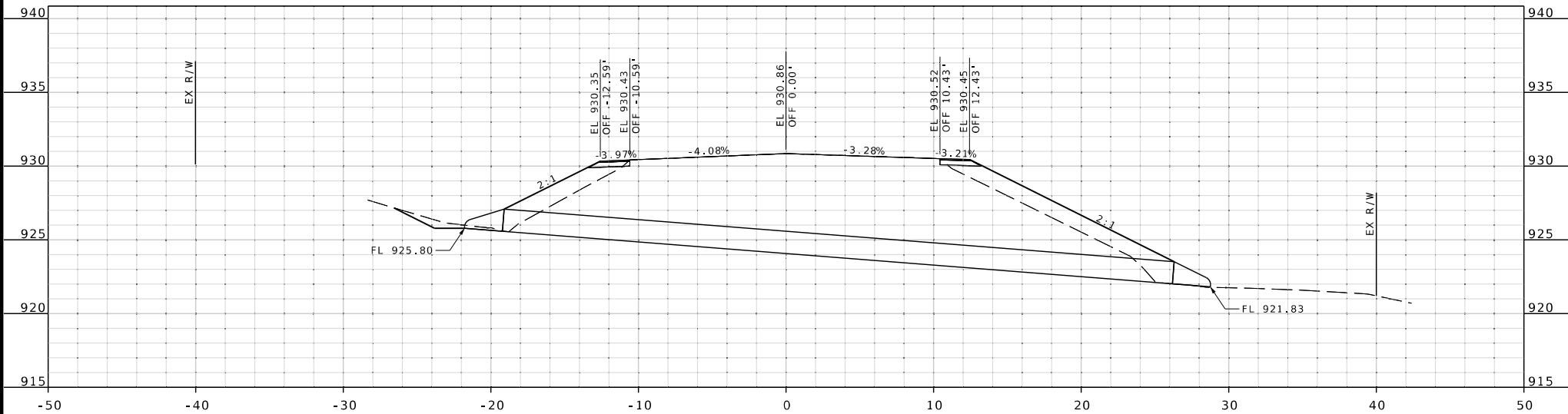
Pickering Firm, Inc.  
101 South Church Street, Suite 303  
Jonesboro, AR 72401  
Phone: 870.336.0117  
Missouri Certificate of Authority No. 2012006790

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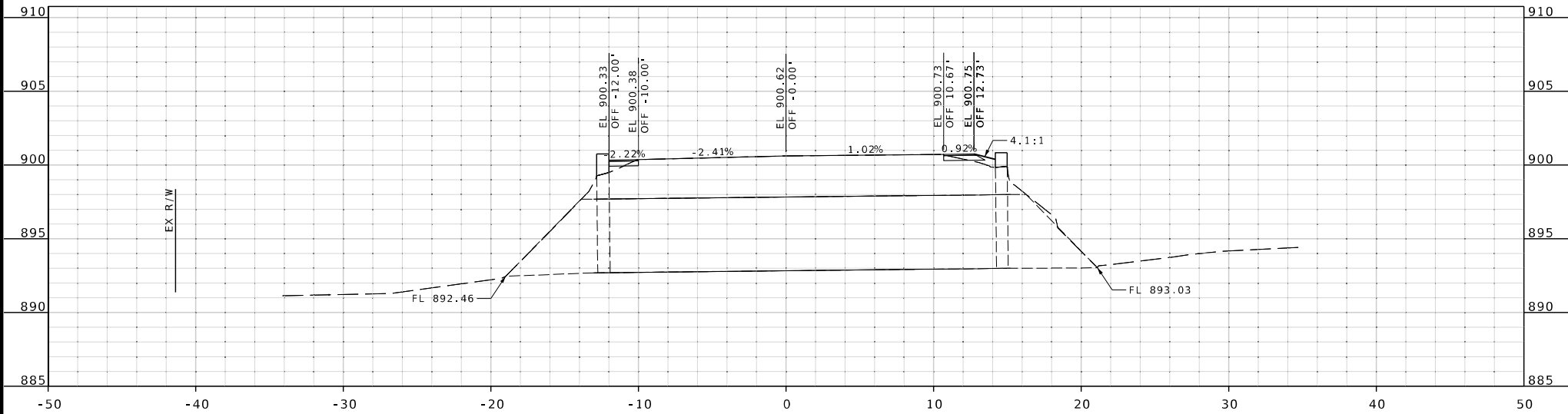




LOG MILE 8.731



LOG MILE 8.480



LOG MILE 8.356

CULVERT NUMBER - 54  
ROUTE M  
EXISTING 36" CMP  
SKEW = 41°  
1 - 36" F.E.S.

CULVERT NUMBER - 53  
ROUTE M  
EXISTING 18" CMP  
SKEW = 0°  
REPLACE WITH 46' OF  
18" GROUP C PIPE  
2 - 18" F.E.S.  
56.1 CY TYPE 1 AGG

CULVERT NUMBER - 52  
ROUTE M  
EXISTING 6'x5'  
SINGLE BOX  
SKEW = 15°  
RAISE HEADWALL  
1.25' LT AND 1.0' RT



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ROUTE STATE

M MO

DISTRICT SHEET NO.

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COUNTY

OREGON

JOB NO.

JSE0108

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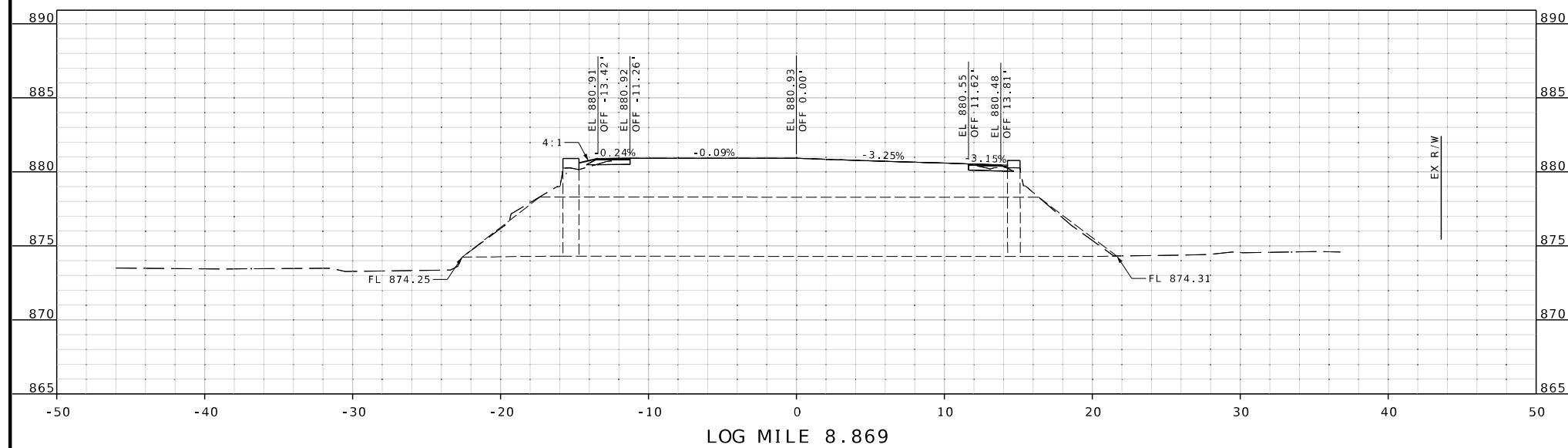
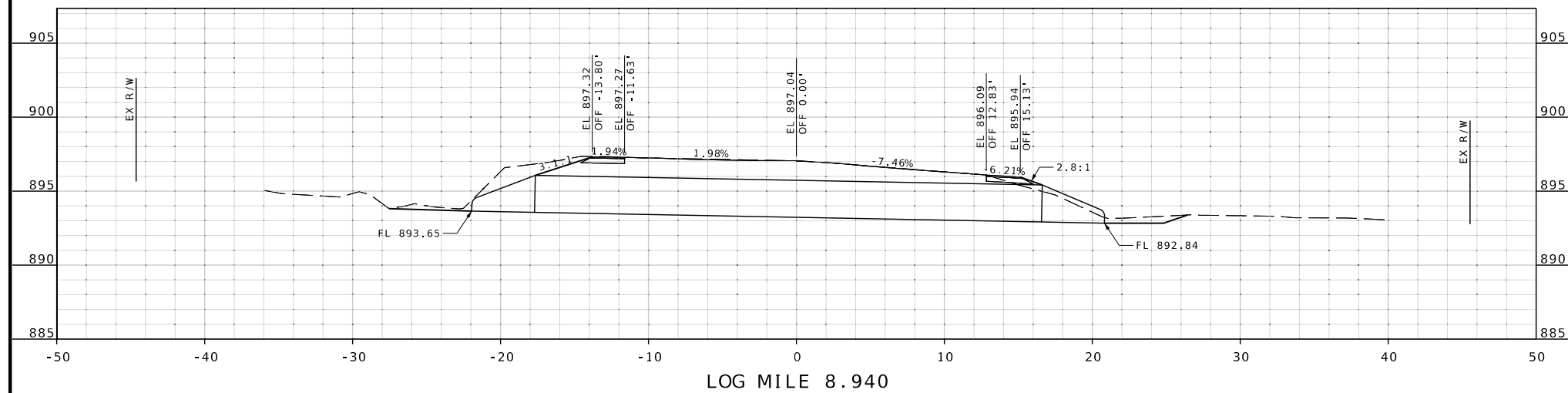
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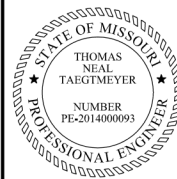
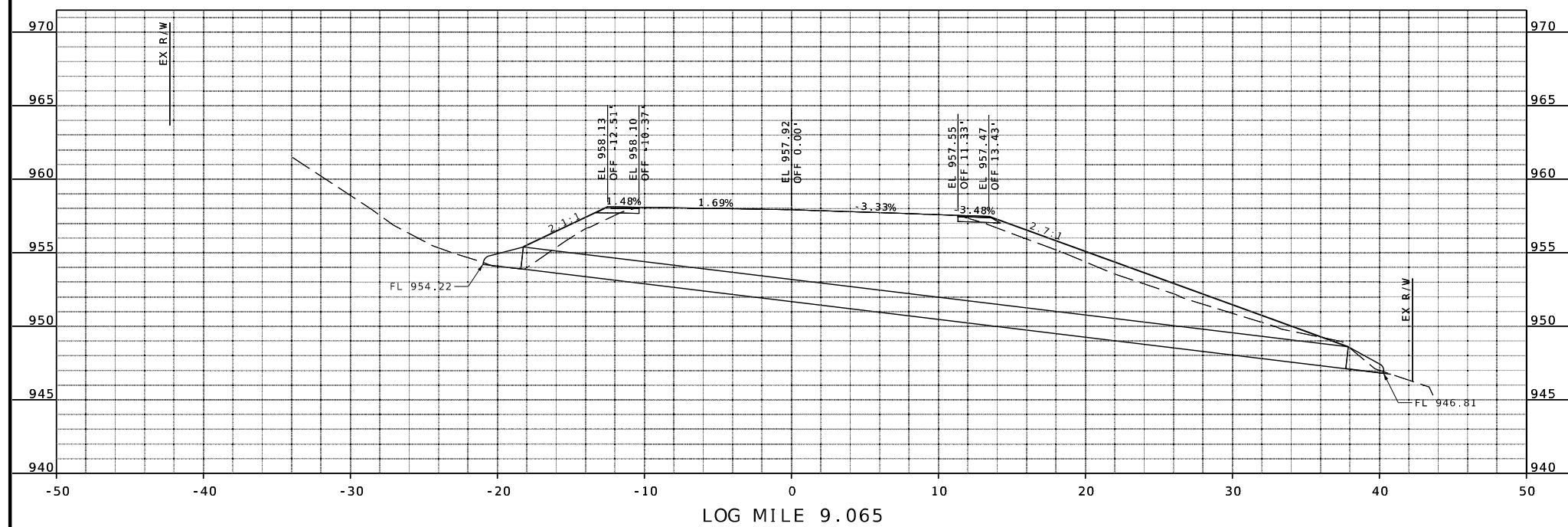
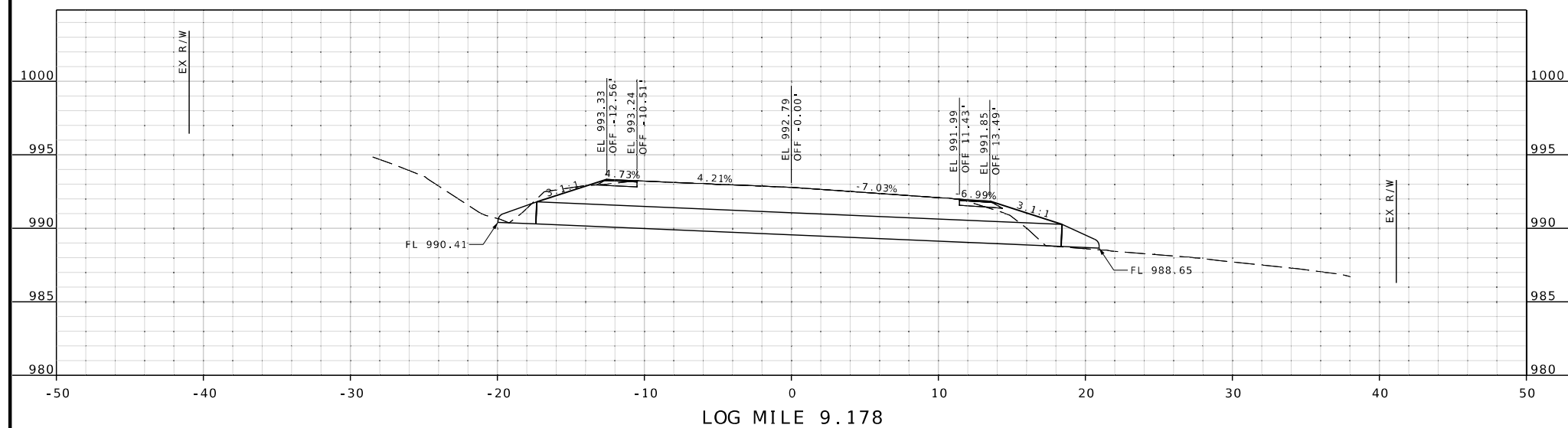
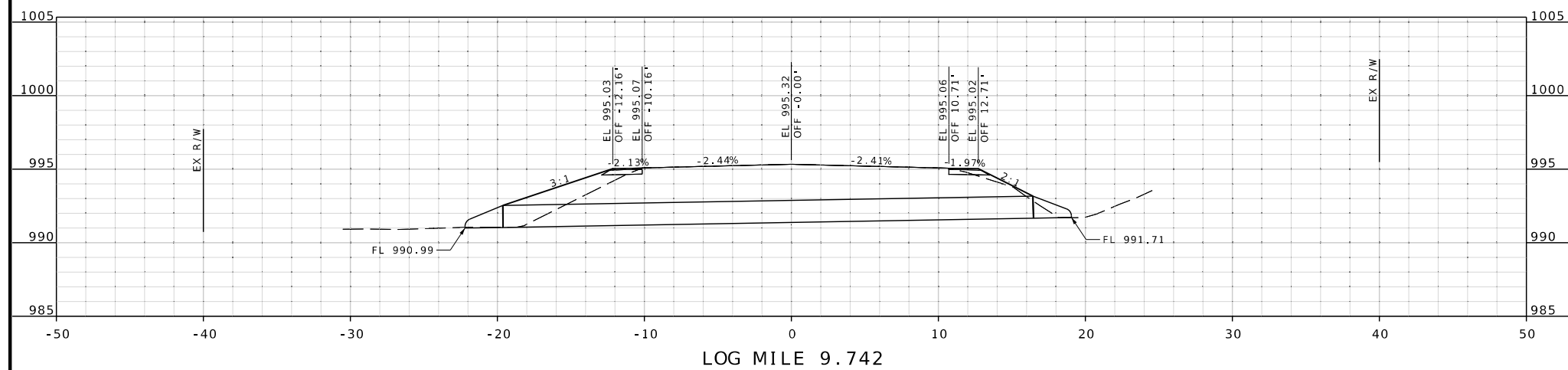
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MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

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

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| 2/27/2025 |       |
| ROUTE     | STATE |
| M         | MO    |

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| DISTRICT | SHEET NO |
| SE       | 34       |

COUNTY  
OREGON

JOB NO.  
JSE0108

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COMMISSION

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