

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

ALAMANCE COUNTY
U-3109A

INDEX OF SHEETS

| DESCRIPTION | SHEET NO. | | |
|------------------------------|-----------|----|-------|
| INDEX OF SHEETS | X-1 | | |
| CROSS SECTION SUMMARY SHEETS | X-1A | TO | X-1G |
| -L- | X-2 | TO | X-101 |
| -RPA- | X-102 | TO | X-104 |
| -RPA_SPUR- | X-105 | TO | X-106 |
| -RPB- | X-107 | TO | X-111 |
| -RPB_SPUR- | X-112 | TO | X-113 |
| -RPC- | X-114 | TO | X-117 |
| -RPC_SPUR- | X-118 | | |
| -RPD- | X-119 | TO | X-123 |
| -RPD_SPUR- | X-124 | | |
| -Y5A- | X-125 | TO | X-126 |
| -Y5B- | X-127 | | |
| -Y5C- | X-128 | | |
| -Y6- | X-129 | TO | X-136 |
| -Y6A- | X-137 | TO | X-142 |
| -Y7- | X-143 | TO | X-150 |
| -Y7A- | X-151 | TO | X-162 |
| -Y7A_DET- | X-163 | TO | X-164 |
| -Y7B- | X-165 | TO | X-166 |
| -Y8- | X-167 | TO | X-169 |
| -Y9- | X-170 | TO | X-171 |
| -Y10- | X-172 | TO | X-183 |
| -Y11- | X-184 | TO | X-187 |
| -Y13- | X-188 | TO | X-191 |
| -Y16- | X-192 | TO | X-206 |
| -Y16RPA- | X-207 | TO | X-215 |
| -Y19- | X-216 | TO | X-217 |
| -Y20- | X-218 | TO | X-227 |
| -Y26REV- | X-228 | TO | X-229 |
| -DWY1- | X-230 | | |
| -DWY2- | X-231 | | |
| -DWY3- | X-232 | TO | X-233 |
| -DWY4- | X-234 | | |
| -Y6DWY- | X-235 | TO | X-236 |

8/17/99

REVISIONS

2/24/2017 1:59:35 PM
\\s01\roadway\XSC\U3109A_r.dwg_xsc.INDEX.dgn
USER: todd.buener

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

| | |
|----------------------------|------------------|
| PROJ. REFERENCE NO. | SHEET NO. |
| U-3109A | X-1A |

Quantities are approximate only. The Resident Engineer will recross-section the work accurately when the project is staked out. These cross-section notes will be used in computing the final quantities for which the contractor will be paid.

NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

| Station | Uncl. Exc. | Embt | UnderCut | Station | Uncl. Exc. | Embt | UnderCut | Station | Uncl. Exc. | Embt | UnderCut | Station | Uncl. Exc. | Embt | UnderCut |
|----------------|-------------------|------------------|------------------|----------------|-------------------|------------------|------------------|----------|------------|-----------|-----------|----------------|-------------------|------------------|------------------|
| L | (cu. yd.) | (cu. yd.) | (cu. yd.) | L | (cu. yd.) | (cu. yd.) | (cu. yd.) | L | (cu. yd.) | (cu. yd.) | (cu. yd.) | L | (cu. yd.) | (cu. yd.) | (cu. yd.) |
| 14+30.00 | 0 | 0 | 0 | 36+50.00 | 3 | 356 | 0 | 61+00.00 | 504 | 113 | 0 | 87+50.00 | 214 | 655 | 403 |
| 14+50.00 | 7 | 2 | 0 | 37+00.00 | 1 | 276 | 0 | 61+50.00 | 313 | 89 | 0 | 88+00.00 | 193 | 521 | 506 |
| 15+00.00 | 9 | 6 | 0 | 37+50.00 | 6 | 183 | 0 | 62+00.00 | 157 | 172 | 0 | 88+50.00 | 236 | 636 | 635 |
| 15+50.00 | 6 | 0 | 0 | 38+00.00 | 32 | 88 | 0 | 62+50.00 | 88 | 522 | 0 | 89+00.00 | 990 | 823 | 822 |
| 16+00.00 | 18 | 0 | 0 | 38+50.00 | 56 | 64 | 0 | 63+00.00 | 51 | 1101 | 0 | | | | |
| 16+50.00 | 20 | 3 | 0 | 39+00.00 | 43 | 56 | 0 | 63+50.00 | 119 | 1583 | 0 | Station | Uncl. Exc. | Embt | UnderCut |
| 17+00.00 | 16 | 6 | 0 | 40+00.00 | 163 | 194 | 0 | 64+00.00 | 231 | 1794 | 0 | L | (cu. yd.) | (cu. yd.) | (cu. yd.) |
| 17+50.00 | 14 | 9 | 0 | 40+50.00 | 149 | 99 | 0 | 64+50.00 | 323 | 1928 | 0 | | | | |
| 18+00.00 | 17 | 12 | 0 | 41+00.00 | 236 | 50 | 0 | 65+00.00 | 180 | 1955 | 0 | 89+00.00 | 0 | 0 | 0 |
| 18+50.00 | 19 | 20 | 0 | 41+50.00 | 338 | 22 | 0 | 65+50.00 | 68 | 1712 | 0 | 89+50.00 | 1875 | 804 | 804 |
| 19+00.00 | 14 | 26 | 0 | 42+00.00 | 340 | 10 | 0 | 66+00.00 | 207 | 1180 | 0 | 90+00.00 | 1915 | 713 | 713 |
| 19+50.00 | 6 | 46 | 0 | 42+50.00 | 393 | 3 | 0 | 66+50.00 | 332 | 731 | 0 | 90+50.00 | 1891 | 637 | 637 |
| 20+00.00 | 1 | 70 | 0 | 43+00.00 | 551 | 163 | 163 | 67+00.00 | 401 | 658 | 0 | 91+00.00 | 2000 | 594 | 594 |
| 20+50.00 | 4 | 38 | 0 | 43+50.00 | 718 | 327 | 327 | 67+50.00 | 369 | 542 | 0 | 91+50.00 | 2107 | 561 | 561 |
| 21+00.00 | 9 | 10 | 0 | 44+00.00 | 908 | 321 | 321 | 68+00.00 | 210 | 456 | 0 | 92+00.00 | 2194 | 514 | 514 |
| 21+50.00 | 22 | 12 | 0 | 44+50.00 | 857 | 306 | 306 | 68+50.00 | 50 | 719 | 0 | 92+50.00 | 2032 | 525 | 524 |
| 22+00.00 | 26 | 32 | 0 | 45+00.00 | 702 | 284 | 284 | 69+00.00 | 0 | 1295 | 0 | 93+00.00 | 1409 | 592 | 500 |
| | | | | 45+50.00 | 702 | 267 | 267 | 69+50.00 | 0 | 2146 | 0 | 93+50.00 | 533 | 734 | 334 |
| Station | Uncl. Exc. | Embt | UnderCut | 46+00.00 | 654 | 263 | 263 | 70+00.00 | 0 | 3431 | 0 | 94+00.00 | 42 | 1333 | 115 |
| L | (cu. yd.) | (cu. yd.) | (cu. yd.) | 46+50.00 | 506 | 253 | 253 | 70+50.00 | 0 | 4714 | 0 | 94+50.00 | 0 | 2740 | 744 |
| | | | | 47+00.00 | 353 | 269 | 242 | 71+00.00 | 0 | 5451 | 134 | 95+00.00 | 0 | 3360 | 1076 |
| 23+50.00 | 0 | 0 | 0 | 47+29.00 | 159 | 318 | 164 | 71+50.00 | 0 | 5391 | 176 | 95+50.00 | 119 | 3158 | 1883 |
| 24+00.00 | 0 | 455 | 0 | 47+50.00 | 100 | 352 | 146 | 72+00.00 | 0 | 3774 | 82 | 96+00.00 | 119 | 2770 | 1739 |
| 24+50.00 | 0 | 796 | 0 | 48+00.00 | 148 | 889 | 387 | 72+50.00 | 0 | 2111 | 65 | 96+50.00 | 0 | 2022 | 222 |
| 24+80.00 | 0 | 736 | 0 | 48+50.00 | 183 | 865 | 431 | 73+00.00 | 0 | 2275 | 62 | 97+00.00 | 0 | 1724 | 70 |
| 25+00.00 | 0 | 700 | 0 | 49+00.00 | 298 | 1048 | 431 | 73+50.00 | 87 | 2211 | 106 | 97+50.00 | 6 | 1469 | 77 |
| 25+28.45 | 0 | 1118 | 0 | 50+00.00 | 391 | 2407 | 402 | 74+00.00 | 296 | 1409 | 195 | 98+00.00 | 56 | 828 | 42 |
| | | | | 50+50.00 | 65 | 1162 | 0 | 74+50.00 | 539 | 1018 | 305 | 98+50.00 | 399 | 204 | 0 |
| Station | Uncl. Exc. | Embt | UnderCut | 51+00.00 | 35 | 1288 | 0 | 75+00.00 | 697 | 795 | 364 | 99+00.00 | 878 | 2 | 0 |
| L | (cu. yd.) | (cu. yd.) | (cu. yd.) | 51+50.00 | 39 | 1419 | 0 | 75+50.00 | 671 | 731 | 370 | 99+50.00 | 959 | 201 | 180 |
| | | | | 52+00.00 | 34 | 1439 | 0 | 76+00.00 | 463 | 757 | 353 | 100+00.00 | 797 | 467 | 317 |
| 27+48.45 | 0 | 0 | 0 | 52+50.00 | 18 | 1707 | 0 | 76+50.00 | 159 | 906 | 274 | 100+50.00 | 706 | 581 | 238 |
| 28+00.00 | 0 | 1327 | 0 | 53+00.00 | 6 | 1719 | 0 | 77+00.00 | 0 | 1114 | 105 | 101+00.00 | 482 | 631 | 194 |
| 28+50.00 | 0 | 1156 | 0 | 53+50.00 | 0 | 1465 | 0 | 77+50.00 | 0 | 1423 | 0 | 101+50.00 | 251 | 536 | 250 |
| 29+00.00 | 0 | 807 | 0 | 54+00.00 | 0 | 1769 | 0 | 78+00.00 | 0 | 1847 | 0 | 102+00.00 | 683 | 219 | 156 |
| 29+50.00 | 0 | 537 | 0 | 54+50.00 | 0 | 1852 | 0 | 78+50.00 | 0 | 2171 | 0 | 102+50.00 | 1393 | 0 | 0 |
| 30+00.00 | 12 | 256 | 0 | 55+00.00 | 0 | 1602 | 0 | 79+00.00 | 0 | 2051 | 0 | 103+00.00 | 1639 | 0 | 0 |
| | | | | 55+50.00 | 0 | 1544 | 0 | 79+50.00 | 0 | 1459 | 0 | 103+50.00 | 1464 | 0 | 0 |
| Station | Uncl. Exc. | Embt | UnderCut | 56+00.00 | 0 | 1486 | 0 | 80+00.00 | 0 | 837 | 0 | 104+00.00 | 1174 | 184 | 184 |
| L | (cu. yd.) | (cu. yd.) | (cu. yd.) | 56+50.00 | 0 | 995 | 0 | 80+50.00 | 6 | 530 | 172 | 104+50.00 | 1199 | 382 | 382 |
| | | | | 57+00.00 | 0 | 556 | 0 | 81+00.00 | 162 | 449 | 381 | 105+00.00 | 1684 | 198 | 198 |
| 30+50.00 | 0 | 0 | 0 | 57+50.00 | 0 | 557 | 0 | 81+50.00 | 543 | 403 | 401 | 105+50.00 | 2330 | 0 | 0 |
| 31+00.00 | 6 | 54 | 0 | 58+00.00 | 0 | 481 | 0 | 82+00.00 | 1199 | 386 | 386 | 106+00.00 | 2831 | 0 | 0 |
| 31+50.00 | 0 | 222 | 0 | 58+50.00 | 120 | 337 | 0 | 82+50.00 | 1707 | 399 | 399 | 106+50.00 | 2991 | 0 | 0 |
| 32+00.00 | 1 | 319 | 0 | 59+00.00 | 326 | 203 | 0 | 83+00.00 | 1762 | 416 | 416 | 107+00.00 | 2622 | 0 | 0 |
| 32+50.00 | 1 | 336 | 0 | | | | | 83+50.00 | 1470 | 444 | 444 | 107+50.00 | 1711 | 0 | 0 |
| 33+00.00 | 6 | 338 | 0 | Station | Uncl. Exc. | Embt | UnderCut | 84+00.00 | 831 | 469 | 469 | 108+00.00 | 563 | 308 | 0 |
| 33+50.00 | 25 | 254 | 0 | L | (cu. yd.) | (cu. yd.) | (cu. yd.) | 84+50.00 | 270 | 503 | 502 | 108+50.00 | 17 | 1420 | 38 |
| 34+00.00 | 49 | 190 | 0 | | | | | 85+00.00 | 164 | 639 | 356 | 109+00.00 | 49 | 2304 | 73 |
| 34+50.00 | 34 | 273 | 0 | 59+00.00 | 0 | 0 | 0 | 85+50.00 | 123 | 1198 | 89 | 109+50.00 | 56 | 2284 | 149 |
| 35+00.00 | 10 | 477 | 0 | 59+50.00 | 494 | 167 | 0 | 86+00.00 | 0 | 2157 | 0 | 110+00.00 | 244 | 1680 | 156 |
| 35+50.00 | 6 | 601 | 0 | 60+00.00 | 591 | 175 | 0 | 86+50.00 | 31 | 2287 | 0 | 110+50.00 | 344 | 888 | 42 |
| 36+00.00 | 2 | 525 | 0 | 60+50.00 | 582 | 153 | 0 | 87+00.00 | 177 | 1329 | 134 | 111+00.00 | 266 | 625 | 0 |

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

| | |
|----------------------------|------------------|
| PROJ. REFERENCE NO. | SHEET NO. |
| U-3109A | X-1B |

NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

| Station | Uncl. Exc. | Embt | UnderCut | Station | Uncl. Exc. | Embt | UnderCut | Station | Uncl. Exc. | Embt | UnderCut | Station | Uncl. Exc. | Embt | UnderCut |
|-----------|------------|-----------|-----------|----------------|-------------------|------------------|------------------|-----------|------------|-----------|-----------|-----------------|-------------------|------------------|------------------|
| L | (cu. yd.) | (cu. yd.) | (cu. yd.) | L | (cu. yd.) | (cu. yd.) | (cu. yd.) | L | (cu. yd.) | (cu. yd.) | (cu. yd.) | L | (cu. yd.) | (cu. yd.) | (cu. yd.) |
| 111+50.00 | 321 | 623 | 7 | 135+50.00 | 0 | 4011 | 0 | 164+00.00 | 0 | 3279 | 0 | 191+50.00 | 1624 | 595 | 595 |
| 112+00.00 | 420 | 461 | 7 | 136+00.00 | 0 | 4166 | 0 | 164+50.00 | 0 | 2104 | 0 | 192+00.00 | 1769 | 594 | 594 |
| 112+50.00 | 562 | 268 | 0 | 136+50.00 | 0 | 4490 | 0 | 165+00.00 | 0 | 1234 | 241 | 192+50.00 | 1771 | 594 | 594 |
| 113+00.00 | 846 | 177 | 0 | 137+00.00 | 0 | 4906 | 0 | 165+50.00 | 62 | 766 | 549 | 193+00.00 | 1469 | 594 | 594 |
| 113+50.00 | 1240 | 135 | 0 | 137+50.00 | 0 | 5331 | 0 | 166+00.00 | 288 | 642 | 639 | 193+50.00 | 589 | 292 | 292 |
| 114+00.00 | 1442 | 165 | 0 | 138+00.00 | 0 | 5737 | 0 | 166+50.00 | 572 | 619 | 619 | | | | |
| 114+50.00 | 1729 | 159 | 0 | 138+50.00 | 0 | 5895 | 0 | 167+00.00 | 819 | 520 | 520 | Station | Uncl. Exc. | Embt | UnderCut |
| 115+00.00 | 2492 | 58 | 0 | 139+00.00 | 0 | 5779 | 0 | 167+50.00 | 983 | 232 | 232 | L | (cu. yd.) | (cu. yd.) | (cu. yd.) |
| 115+50.00 | 3611 | 0 | 0 | 139+50.00 | 0 | 5731 | 0 | 168+00.00 | 951 | 0 | 0 | | | | |
| 116+00.00 | 4833 | 0 | 0 | 140+00.00 | 0 | 6093 | 0 | 168+50.00 | 809 | 0 | 0 | 195+00.00 | 0 | 0 | 0 |
| 116+50.00 | 5923 | 0 | 0 | 140+50.00 | 0 | 6738 | 0 | 169+00.00 | 862 | 0 | 0 | 195+50.00 | 0 | 833 | 0 |
| 117+00.00 | 6706 | 0 | 0 | 141+00.00 | 0 | 7380 | 0 | 169+50.00 | 1294 | 0 | 0 | 196+00.00 | 0 | 1179 | 0 |
| 117+50.00 | 7256 | 0 | 0 | 141+50.00 | 0 | 7946 | 0 | 170+00.00 | 1937 | 0 | 0 | | | | |
| 118+00.00 | 7970 | 0 | 0 | 142+00.00 | 0 | 8589 | 0 | 170+50.00 | 2571 | 0 | 0 | Station | Uncl. Exc. | Embt | |
| 118+50.00 | 8771 | 0 | 0 | 142+41.16 | 0 | 7401 | 0 | 171+00.00 | 3142 | 0 | 0 | RPB | (cu. yd.) | (cu. yd.) | |
| 119+00.00 | 9264 | 0 | 0 | | | | | 171+50.00 | 3673 | 0 | 0 | | | | |
| | | | | Station | Uncl. Exc. | Embt | UnderCut | 172+00.00 | 4130 | 0 | 0 | 10+50.00 | 0 | 0 | |
| | | | | L | (cu. yd.) | (cu. yd.) | (cu. yd.) | 172+50.00 | 4558 | 0 | 0 | 11+00.00 | 79 | 0 | |
| | | | | | | | | 173+00.00 | 4862 | 0 | 0 | 11+50.00 | 118 | 9 | |
| | | | | 147+35.37 | 0 | 0 | 0 | 173+50.00 | 4869 | 181 | 181 | 12+00.00 | 65 | 25 | |
| 119+00.00 | 0 | 0 | 0 | 147+50.00 | 0 | 3985 | 0 | 174+00.00 | 4559 | 363 | 363 | 12+50.00 | 39 | 48 | |
| 119+50.00 | 9689 | 0 | 0 | 148+00.00 | 0 | 13306 | 0 | 174+50.00 | 3944 | 362 | 362 | 13+00.00 | 38 | 46 | |
| 120+00.00 | 10205 | 0 | 0 | 148+50.00 | 0 | 12691 | 0 | 175+00.00 | 3438 | 361 | 361 | 13+50.00 | 54 | 18 | |
| 120+50.00 | 10555 | 0 | 0 | 149+00.00 | 0 | 12149 | 0 | 175+50.00 | 3220 | 181 | 181 | 14+00.00 | 65 | 4 | |
| 121+00.00 | 10545 | 0 | 0 | 149+50.00 | 0 | 12251 | 0 | 176+00.00 | 2937 | 0 | 0 | 14+50.00 | 64 | 1 | |
| 121+50.00 | 10002 | 0 | 0 | 150+00.00 | 0 | 12715 | 0 | 176+50.00 | 2396 | 0 | 0 | 15+00.00 | 56 | 6 | |
| 122+00.00 | 9079 | 0 | 0 | 150+50.00 | 0 | 12534 | 0 | 177+00.00 | 1598 | 181 | 181 | 15+50.00 | 61 | 10 | |
| 122+50.00 | 8054 | 0 | 0 | 151+00.00 | 0 | 11828 | 0 | 177+50.00 | 708 | 393 | 349 | 16+00.00 | 61 | 19 | |
| 123+00.00 | 6956 | 0 | 0 | 151+50.00 | 0 | 11174 | 0 | 178+00.00 | 139 | 768 | 169 | 17+00.00 | 100 | 89 | |
| 123+50.00 | 5693 | 0 | 0 | 152+00.00 | 0 | 10760 | 0 | 178+50.00 | 0 | 1952 | 0 | 17+50.00 | 32 | 82 | |
| 124+00.00 | 4316 | 0 | 0 | 152+50.00 | 0 | 10341 | 0 | 179+00.00 | 0 | 4419 | 0 | 18+00.00 | 29 | 104 | |
| 124+50.00 | 3085 | 0 | 0 | 153+00.00 | 0 | 9606 | 0 | 179+50.00 | 0 | 7202 | 0 | 18+50.00 | 40 | 119 | |
| 125+00.00 | 1579 | 91 | 0 | 153+50.00 | 0 | 8806 | 0 | 180+00.00 | 0 | 8087 | 0 | 19+00.00 | 31 | 144 | |
| 125+50.00 | 306 | 1068 | 0 | 154+00.00 | 0 | 8274 | 0 | 180+50.00 | 0 | 7160 | 0 | 19+50.00 | 19 | 175 | |
| 126+00.00 | 0 | 2863 | 0 | 154+50.00 | 0 | 7813 | 0 | 181+00.00 | 0 | 5655 | 0 | 20+00.00 | 23 | 235 | |
| 126+50.00 | 0 | 3894 | 0 | 155+00.00 | 0 | 7855 | 0 | 181+50.00 | 0 | 4120 | 0 | 20+50.00 | 22 | 331 | |
| 127+00.00 | 0 | 3846 | 0 | 155+50.00 | 0 | 8603 | 0 | 182+00.00 | 0 | 3067 | 0 | 20+90.00 | 8 | 260 | |
| 127+50.00 | 0 | 3438 | 0 | 156+00.00 | 0 | 9137 | 0 | 182+50.00 | 0 | 2416 | 0 | | | | |
| 128+00.00 | 0 | 2754 | 0 | 156+50.00 | 0 | 8788 | 0 | 183+00.00 | 0 | 1948 | 0 | Station | Uncl. Exc. | Embt | |
| 128+50.00 | 0 | 1692 | 0 | 157+00.00 | 0 | 7633 | 0 | 183+50.00 | 0 | 1656 | 0 | RPB SPUR | (cu. yd.) | (cu. yd.) | |
| 129+00.00 | 0 | 854 | 0 | 157+50.00 | 0 | 6627 | 0 | 184+00.00 | 0 | 1472 | 0 | | | | |
| 129+50.00 | 0 | 539 | 0 | 158+00.00 | 0 | 6044 | 0 | 184+50.00 | 0 | 1306 | 0 | 10+58.00 | 0 | 52 | |
| 130+00.00 | 11 | 396 | 0 | 158+50.00 | 0 | 4925 | 0 | 185+00.00 | 0 | 1065 | 0 | 11+00.00 | 8 | 101 | |
| 130+50.00 | 20 | 379 | 0 | 159+00.00 | 0 | 3098 | 0 | 185+50.00 | 0 | 737 | 0 | 11+50.00 | 0 | 328 | |
| 131+00.00 | 9 | 531 | 0 | 159+50.00 | 0 | 1483 | 0 | 186+00.00 | 8 | 538 | 81 | 11+78.00 | 0 | 291 | |
| 131+50.00 | 0 | 911 | 0 | 160+00.00 | 47 | 592 | 0 | 186+50.00 | 22 | 494 | 184 | 12+12.00 | 0 | 303 | |
| 132+00.00 | 0 | 1480 | 0 | 160+50.00 | 120 | 423 | 0 | 187+00.00 | 52 | 458 | 324 | | | | |
| 132+50.00 | 0 | 2260 | 0 | 161+00.00 | 73 | 1103 | 0 | 187+50.00 | 38 | 220 | 220 | Station | Uncl. Exc. | Embt | |
| 133+00.00 | 0 | 3540 | 0 | 161+50.00 | 0 | 2799 | 0 | 188+50.00 | 238 | 275 | 275 | RPC | (cu. yd.) | (cu. yd.) | |
| 133+50.00 | 0 | 5323 | 0 | 162+00.00 | 0 | 5405 | 0 | 189+50.00 | 1239 | 1143 | 1143 | | | | |
| 134+00.00 | 0 | 5844 | 0 | 162+50.00 | 0 | 7259 | 0 | 190+00.00 | 885 | 564 | 564 | 12+00.00 | 0 | 0 | |
| 134+50.00 | 0 | 4932 | 0 | 163+00.00 | 0 | 6456 | 0 | 190+50.00 | 1131 | 563 | 563 | 12+25.00 | 45 | 1 | |
| 135+00.00 | 0 | 4227 | 0 | 163+50.00 | 0 | 4590 | 0 | 191+00.00 | 1374 | 588 | 588 | 12+50.00 | 87 | 3 | |

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

| | |
|----------------------------|------------------|
| PROJ. REFERENCE NO. | SHEET NO. |
| U-3109A | X-1C |

NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

| Station | Uncl. Exc. | Embt | Station | Uncl. Exc. | Embt | UnderCut | Station | Uncl. Exc. | Embt | UnderCut | Station | Uncl. Exc. | Embt | UnderCut |
|-----------------|-------------------|------------------|----------------|-------------------|------------------|------------------|----------------|-------------------|------------------|------------------|----------------|-------------------|------------------|------------------|
| RPC | (cu. yd.) | (cu. yd.) | Y5A | (cu. yd.) | (cu. yd.) | (cu. yd.) | Y6 | (cu. yd.) | (cu. yd.) | (cu. yd.) | Y7 | (cu. yd.) | (cu. yd.) | (cu. yd.) |
| 13+00.00 | 172 | 5 | 11+50.00 | 0 | 0 | 0 | 28+00.00 | 54 | 13 | 0 | 26+00.00 | 477 | 356 | 356 |
| 13+50.00 | 130 | 8 | 12+00.00 | 76 | 162 | 146 | 28+25.00 | 62 | 5 | 0 | 26+50.00 | 498 | 368 | 368 |
| 14+00.00 | 72 | 21 | 12+50.00 | 105 | 123 | 119 | | | | | 27+00.00 | 565 | 337 | 337 |
| 14+50.00 | 51 | 34 | 13+00.00 | 99 | 124 | 119 | Station | Uncl. Exc. | Embt | UnderCut | 27+50.00 | 594 | 367 | 367 |
| 15+00.00 | 37 | 61 | 13+50.00 | 109 | 122 | 118 | Y6A | (cu. yd.) | (cu. yd.) | (cu. yd.) | 28+00.00 | 482 | 391 | 391 |
| 15+50.00 | 29 | 90 | 14+00.00 | 81 | 129 | 107 | 11+00.00 | 0 | 0 | 0 | 28+50.00 | 335 | 403 | 403 |
| 16+00.00 | 27 | 110 | 14+50.00 | 52 | 235 | 125 | 11+50.00 | 0 | 510 | 0 | 29+00.00 | 306 | 409 | 409 |
| 17+10.00 | 175 | 177 | 15+00.00 | 81 | 170 | 77 | | | | | 29+50.00 | 317 | 421 | 416 |
| 17+60.00 | 164 | 73 | | | | | | | | | 30+00.00 | 310 | 439 | 428 |
| 18+08.00 | 102 | 55 | Station | Uncl. Exc. | Embt | UnderCut | Station | Uncl. Exc. | Embt | UnderCut | 30+50.00 | 219 | 560 | 527 |
| | | | Y5C | (cu. yd.) | (cu. yd.) | (cu. yd.) | Y6A | (cu. yd.) | (cu. yd.) | (cu. yd.) | | | | |
| Station | Uncl. Exc. | Embt | 10+50.00 | 0 | 0 | 0 | 18+00.00 | 0 | 0 | 0 | Station | Uncl. Exc. | Embt | UnderCut |
| RPC SPUR | (cu. yd.) | (cu. yd.) | 11+00.00 | 75 | 48 | 0 | 18+50.00 | 152 | 8 | 0 | Y7A | (cu. yd.) | (cu. yd.) | (cu. yd.) |
| 17+11.00 | 14 | 55 | 11+50.00 | 76 | 4 | 0 | 19+00.00 | 151 | 1 | 0 | 11+00.00 | 0 | 0 | 0 |
| 17+59.49 | 23 | 114 | | | | | 19+50.00 | 150 | 0 | 0 | 11+50.00 | 0 | 6124 | 471 |
| 18+00.00 | 2 | 163 | Station | Uncl. Exc. | Embt | UnderCut | 20+00.00 | 156 | 100 | 100 | 12+00.00 | 0 | 4599 | 117 |
| | | | Y6 | (cu. yd.) | (cu. yd.) | (cu. yd.) | 20+50.00 | 171 | 200 | 199 | 12+50.00 | 0 | 3127 | 0 |
| Station | Uncl. Exc. | Embt | 11+00.00 | 0 | 0 | 0 | 21+00.00 | 188 | 200 | 199 | 13+00.00 | 0 | 1666 | 0 |
| RPD | (cu. yd.) | (cu. yd.) | 11+50.00 | 0 | 2863 | 0 | 21+50.00 | 144 | 200 | 194 | 13+50.00 | 0 | 918 | 0 |
| 11+00.00 | 0 | 0 | 12+00.00 | 0 | 1981 | 0 | 22+00.00 | 102 | 202 | 184 | 14+00.00 | 131 | 681 | 166 |
| 11+25.00 | 13 | 0 | 12+50.00 | 0 | 1373 | 0 | 22+50.00 | 129 | 205 | 193 | 14+50.00 | 281 | 627 | 382 |
| 11+50.00 | 25 | 1 | 13+00.00 | 0 | 981 | 0 | 23+00.00 | 177 | 279 | 279 | 15+00.00 | 283 | 745 | 514 |
| 12+00.00 | 45 | 2 | 13+50.00 | 0 | 798 | 0 | Station | Uncl. Exc. | Embt | UnderCut | 15+50.00 | 223 | 923 | 664 |
| 12+50.00 | 45 | 2 | 14+00.00 | 0 | 904 | 0 | Y7 | (cu. yd.) | (cu. yd.) | (cu. yd.) | 16+00.00 | 168 | 1085 | 792 |
| 13+00.00 | 37 | 3 | 14+50.00 | 0 | 1379 | 0 | 14+00.00 | 0 | 0 | 0 | 16+50.00 | 148 | 1226 | 984 |
| 13+50.00 | 200 | 3 | 15+00.00 | 0 | 2123 | 0 | 14+50.00 | 8 | 0 | 0 | 17+00.00 | 141 | 1281 | 1137 |
| 14+00.00 | 344 | 4 | 15+50.00 | 0 | 2876 | 310 | 15+00.00 | 6 | 7 | 0 | 17+50.00 | 156 | 1186 | 1082 |
| 14+50.00 | 286 | 10 | 16+00.00 | 0 | 2539 | 310 | 15+50.00 | 11 | 13 | 0 | 18+00.00 | 195 | 1049 | 968 |
| 15+00.00 | 210 | 18 | 16+50.00 | 0 | 1572 | 0 | 16+00.00 | 23 | 9 | 0 | 18+50.00 | 283 | 924 | 862 |
| 15+50.00 | 138 | 25 | 17+00.00 | 0 | 1096 | 0 | 16+50.00 | 41 | 6 | 0 | 19+00.00 | 373 | 778 | 723 |
| 16+00.00 | 111 | 30 | 17+50.00 | 0 | 656 | 0 | 17+00.00 | 59 | 4 | 0 | 19+50.00 | 445 | 631 | 575 |
| 16+50.00 | 120 | 21 | 18+00.00 | 7 | 393 | 169 | 17+50.00 | 61 | 4 | 0 | 20+00.00 | 491 | 415 | 369 |
| 17+00.00 | 94 | 13 | 18+50.00 | 143 | 372 | 348 | 18+00.00 | 50 | 9 | 0 | 20+50.00 | 498 | 208 | 191 |
| 17+35.00 | 56 | 10 | 19+00.00 | 354 | 348 | 348 | 18+50.00 | 40 | 14 | 0 | 21+00.00 | 472 | 111 | 111 |
| 17+61.00 | 57 | 11 | 19+50.00 | 421 | 335 | 335 | 19+00.00 | 49 | 14 | 0 | 21+50.00 | 301 | 46 | 39 |
| 18+00.00 | 90 | 28 | 20+00.00 | 375 | 359 | 359 | 19+50.00 | 53 | 12 | 0 | | | | |
| 18+19.00 | 46 | 70 | 20+50.00 | 264 | 331 | 331 | 20+00.00 | 31 | 11 | 0 | Station | Uncl. Exc. | Embt | UnderCut |
| 18+46.00 | 71 | 125 | 21+00.00 | 234 | 271 | 271 | 20+50.00 | 10 | 22 | 0 | Y7A | (cu. yd.) | (cu. yd.) | (cu. yd.) |
| 18+85.00 | 81 | 63 | 21+50.00 | 493 | 290 | 290 | 21+00.00 | 14 | 32 | 0 | 22+50.00 | 0 | 0 | 0 |
| 19+21.00 | 35 | 47 | 22+00.00 | 689 | 291 | 291 | | | | | 23+00.00 | 40 | 169 | 0 |
| | | | 22+50.00 | 678 | 267 | 267 | Station | Uncl. Exc. | Embt | UnderCut | 23+50.00 | 1 | 410 | 0 |
| Station | Uncl. Exc. | Embt | 23+00.00 | 585 | 268 | 268 | Y7 | (cu. yd.) | (cu. yd.) | (cu. yd.) | 24+00.00 | 0 | 621 | 0 |
| RPD SPUR | (cu. yd.) | (cu. yd.) | 23+50.00 | 391 | 270 | 270 | | | | | 24+50.00 | 0 | 711 | 0 |
| 18+00.00 | 5 | 5 | 24+00.00 | 263 | 275 | 269 | 22+50.00 | 0 | 0 | 0 | 25+00.00 | 0 | 511 | 0 |
| 18+50.00 | 117 | 231 | 24+50.00 | 220 | 146 | 133 | 23+00.00 | 33 | 15 | 0 | 25+50.00 | 13 | 169 | 0 |
| | | | 25+00.00 | 169 | 19 | 0 | 23+50.00 | 100 | 19 | 0 | 26+00.00 | 399 | 48 | 0 |
| | | | 25+50.00 | 118 | 24 | 0 | 24+00.00 | 211 | 149 | 144 | 26+50.00 | 804 | 21 | 0 |
| | | | 26+00.00 | 69 | 39 | 0 | 24+50.00 | 344 | 289 | 289 | 27+00.00 | 669 | 21 | 0 |
| | | | 26+50.00 | 37 | 43 | 0 | 25+00.00 | 434 | 289 | 289 | 27+50.00 | 441 | 56 | 0 |
| | | | 27+00.00 | 29 | 32 | 0 | 25+50.00 | 484 | 294 | 294 | 28+00.00 | 253 | 166 | 0 |
| | | | 27+50.00 | 48 | 22 | 0 | | | | | 28+50.00 | 64 | 368 | 0 |

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

| | |
|----------------------------|------------------|
| PROJ. REFERENCE NO. | SHEET NO. |
| U-3109A | X-1E |

NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

| Station | Uncl. Exc. | Embt | UnderCut | Station | Uncl. Exc. | Embt | UnderCut | Station | Uncl. Exc. | Embt | UnderCut | Station | Uncl. Exc. | Embt | UnderCut |
|----------------|-------------------|------------------|------------------|----------------|-------------------|------------------|------------------|----------------|-------------------|------------------|------------------|-----------------|-------------------|------------------|------------------|
| Y16Rpa | (cu. yd.) | (cu. yd.) | (cu. yd.) | Y26Rev | (cu. yd.) | (cu. yd.) | (cu. yd.) | L | (cu. yd.) | (cu. yd.) | (cu. yd.) | L | (cu. yd.) | (cu. yd.) | (cu. yd.) |
| 19+50.00 | 66 | 1260 | 0 | 11+50.00 | 0 | 0 | 0 | 21+50.00 | 8 | 47 | 0 | 46+50.00 | 74 | 119 | 0 |
| 20+00.00 | 83 | 1035 | 0 | 12+00.00 | 50 | 15 | 0 | 22+00.00 | 54 | 44 | 0 | 47+00.00 | 81 | 265 | 11 |
| 20+50.00 | 163 | 779 | 0 | 12+50.00 | 55 | 30 | 0 | 22+50.00 | 99 | 71 | 0 | 47+29.00 | 26 | 115 | 6 |
| 21+00.00 | 278 | 483 | 0 | 13+00.00 | 56 | 21 | 0 | 23+00.00 | 129 | 45 | 0 | 47+50.00 | 29 | 16 | 0 |
| 21+50.00 | 541 | 153 | 0 | 13+50.00 | 94 | 3 | 0 | 23+50.00 | 112 | 0 | 0 | | | | |
| 22+00.00 | 960 | 0 | 0 | 14+00.00 | 171 | 0 | 0 | 24+00.00 | 61 | 8 | 0 | Station | Uncl. Exc. | Embt | UnderCut |
| 22+50.00 | 1381 | 0 | 0 | 14+50.00 | 215 | 0 | 0 | 24+50.00 | 72 | 8 | 0 | L | (cu. yd.) | (cu. yd.) | (cu. yd.) |
| 23+00.00 | 1617 | 0 | 0 | 15+00.00 | 216 | 0 | 0 | 24+80.00 | 47 | 1 | 0 | | | | |
| 23+50.00 | 1349 | 0 | 0 | 15+50.00 | 203 | 0 | 0 | 25+00.00 | 36 | 4 | 0 | 187+50.00 | 0 | 0 | 0 |
| 24+00.00 | 807 | 41 | 0 | 16+00.00 | 170 | 0 | 0 | | | | | 188+00.00 | 190 | 453 | 422 |
| 24+50.00 | 446 | 176 | 0 | 16+50.00 | 111 | 0 | 0 | Station | Uncl. Exc. | Embt | UnderCut | | | | |
| 25+00.00 | 230 | 387 | 0 | | | | | L | (cu. yd.) | (cu. yd.) | (cu. yd.) | Station | Uncl. Exc. | Embt | UnderCut |
| 25+50.00 | 75 | 868 | 0 | Station | Uncl. Exc. | Embt | UnderCut | | | | | L | (cu. yd.) | (cu. yd.) | (cu. yd.) |
| 26+00.00 | 2 | 1357 | 0 | | | | | 28+00.00 | 0 | 0 | 0 | | | | |
| 26+50.00 | 0 | 1272 | 0 | Dwy2 | (cu. yd.) | (cu. yd.) | (cu. yd.) | 28+50.00 | 32 | 1120 | 0 | 193+50.00 | 0 | 0 | 0 |
| 27+00.00 | 32 | 757 | 118 | 10+25.00 | 0 | 0 | 0 | 29+00.00 | 0 | 911 | 0 | 194+00.00 | 517 | 431 | 429 |
| 27+50.00 | 172 | 491 | 378 | 10+50.00 | 170 | 191 | 191 | 29+50.00 | 0 | 718 | 0 | 194+50.00 | 69 | 419 | 348 |
| 27+80.00 | 207 | 404 | 363 | 11+00.00 | 136 | 219 | 204 | 30+00.00 | 0 | 373 | 0 | | | | |
| | | | | 11+50.00 | 36 | 100 | 73 | | | | | Station | Uncl. Exc. | Embt | |
| Station | Uncl. Exc. | Embt | UnderCut | | | | | Station | Uncl. Exc. | Embt | UnderCut | Rpa | (cu. yd.) | (cu. yd.) | |
| Y20 | (cu. yd.) | (cu. yd.) | (cu. yd.) | Station | Uncl. Exc. | Embt | | L | (cu. yd.) | (cu. yd.) | (cu. yd.) | 10+83.00 | 0 | 0 | |
| 12+50.00 | 112 | 0 | 0 | Dwy3 | (cu. yd.) | (cu. yd.) | | 30+50.00 | 0 | 0 | 0 | 11+00.00 | 9 | 14 | |
| 13+00.00 | 223 | 0 | 0 | 11+00.00 | 0 | 0 | 0 | 31+00.00 | 6 | 276 | 0 | 11+50.00 | 69 | 48 | |
| 13+50.00 | 180 | 0 | 0 | 11+50.00 | 32 | 12 | 0 | 31+50.00 | 3 | 332 | 0 | 12+00.00 | 82 | 31 | |
| 14+00.00 | 93 | 0 | 0 | 12+00.00 | 10 | 84 | 0 | 32+00.00 | 4 | 254 | 0 | 12+50.00 | 60 | 76 | |
| 14+50.00 | 30 | 14 | 0 | 12+50.00 | 0 | 232 | 0 | 32+50.00 | 11 | 107 | 0 | 13+00.00 | 28 | 110 | |
| 15+00.00 | 15 | 22 | 0 | 12+60.82 | 0 | 70 | 0 | 33+00.00 | 25 | 25 | 0 | 13+25.00 | 9 | 69 | |
| 15+50.00 | 13 | 41 | 0 | | | | | 33+50.00 | 25 | 6 | 0 | 13+50.00 | 16 | 88 | |
| 16+00.00 | 5 | 47 | 0 | Station | Uncl. Exc. | Embt | | 34+00.00 | 18 | 1 | 0 | 13+98.55 | 42 | 204 | |
| 16+50.00 | 22 | 20 | 0 | | | | | 34+50.00 | 10 | 2 | 0 | | | | |
| 17+00.00 | 95 | 6 | 0 | Dwy4 | (cu. yd.) | (cu. yd.) | | 35+00.00 | 4 | 6 | 0 | Station | Uncl. Exc. | Embt | |
| 17+50.00 | 213 | 1 | 0 | 10+50.00 | 0 | 0 | 0 | 35+50.00 | 5 | 16 | 0 | | | | |
| 18+00.00 | 321 | 0 | 0 | 11+00.00 | 56 | 39 | 0 | 36+00.00 | 17 | 13 | 0 | Rpa_Spur | (cu. yd.) | (cu. yd.) | |
| 18+50.00 | 381 | 0 | 0 | 11+39.98 | 92 | 6 | 0 | 36+50.00 | 27 | 6 | 0 | 13+26.00 | 5 | 30 | |
| 19+00.00 | 246 | 6 | 0 | | | | | 37+00.00 | 14 | 31 | 0 | 13+42.00 | 0 | 64 | |
| 19+50.00 | 47 | 192 | 0 | Station | Uncl. Exc. | Embt | UnderCut | 37+50.00 | 1 | 66 | 0 | 13+56.00 | 0 | 136 | |
| 20+00.00 | 19 | 391 | 0 | | | | | 38+00.00 | 0 | 91 | 0 | 13+85.00 | 0 | 358 | |
| 20+50.00 | 19 | 454 | 0 | L | (cu. yd.) | (cu. yd.) | (cu. yd.) | 38+50.00 | 0 | 83 | 0 | 14+25.00 | 0 | 428 | |
| 21+00.00 | 6 | 278 | 0 | 14+50.00 | 0 | 0 | 0 | 39+00.00 | 0 | 50 | 0 | | | | |
| 21+50.00 | 51 | 30 | 0 | 15+00.00 | 5 | 20 | 0 | 40+00.00 | 0 | 165 | 0 | Station | Uncl. Exc. | Embt | |
| 22+00.00 | 111 | 0 | 0 | 15+50.00 | 0 | 29 | 0 | 40+50.00 | 0 | 176 | 0 | | | | |
| 22+50.00 | 152 | 0 | 0 | 16+00.00 | 1 | 65 | 0 | 41+00.00 | 0 | 222 | 0 | Y5B | (cu. yd.) | (cu. yd.) | |
| | | | | 16+50.00 | 1 | 95 | 0 | 41+50.00 | 1 | 178 | 0 | 11+57.00000 | 0 | 0 | |
| | | | | 17+00.00 | 1 | 94 | 0 | 42+00.00 | 22 | 84 | 0 | 12+00.00000 | 2 | 0 | |
| | | | | 17+50.00 | 1 | 99 | 0 | 42+50.00 | 67 | 24 | 0 | 12+50.00000 | 4 | 18 | |
| | | | | 18+00.00 | 0 | 86 | 0 | 43+00.00 | 95 | 16 | 6 | 13+00.00000 | 8 | 23 | |
| | | | | 18+50.00 | 0 | 73 | 0 | 43+50.00 | 129 | 11 | 6 | 13+50.00000 | 17 | 27 | |
| | | | | 19+00.00 | 1 | 79 | 0 | 44+00.00 | 179 | 8 | 0 | | | | |
| | | | | 19+50.00 | 4 | 58 | 0 | 44+50.00 | 234 | 10 | 0 | | | | |
| | | | | 20+00.00 | 13 | 41 | 0 | 45+00.00 | 245 | 16 | 0 | | | | |
| | | | | 20+50.00 | 23 | 56 | 0 | 45+50.00 | 169 | 25 | 0 | | | | |
| | | | | 21+00.00 | 15 | 67 | 0 | 46+00.00 | 78 | 50 | 0 | | | | |

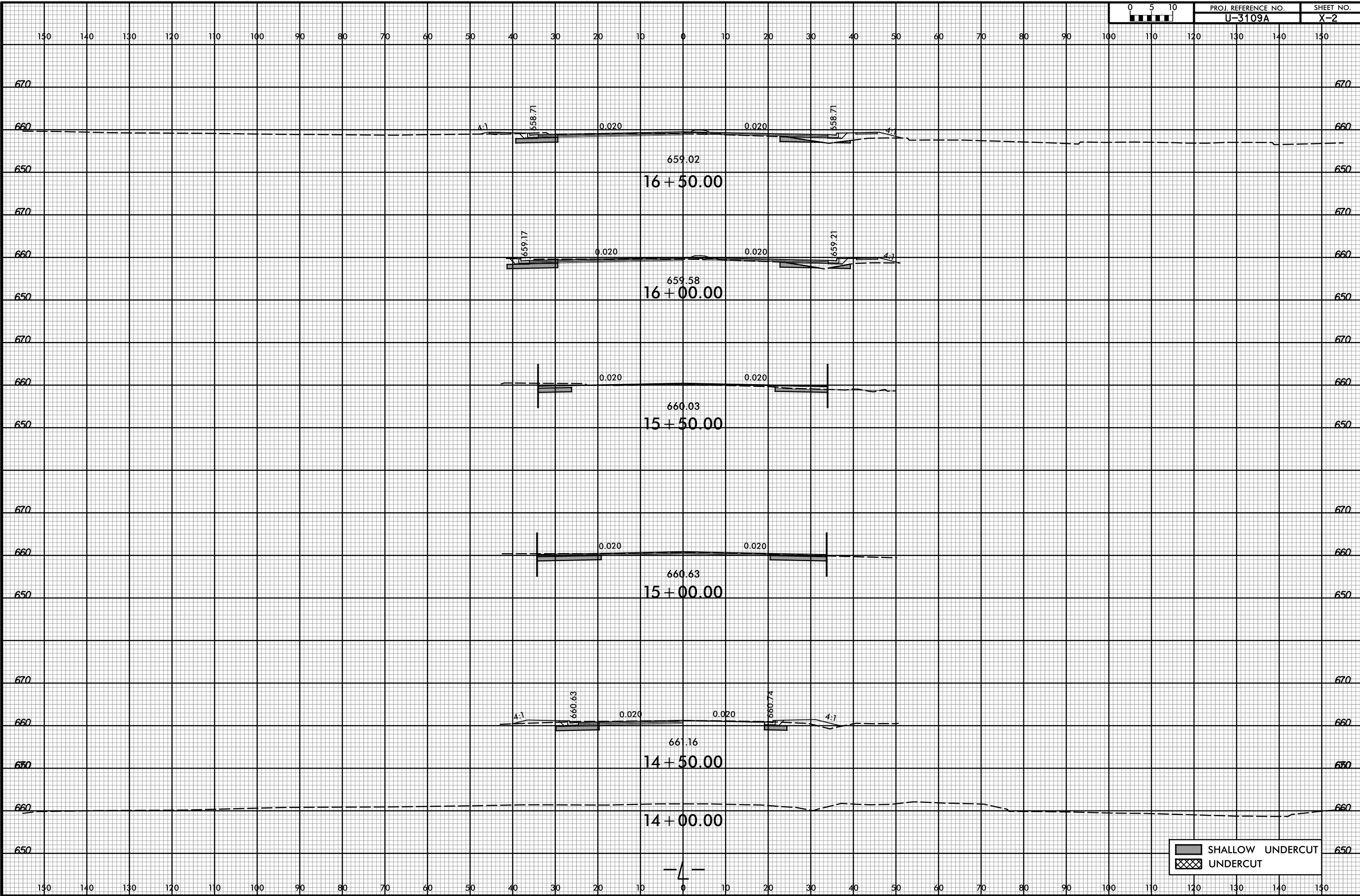
STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

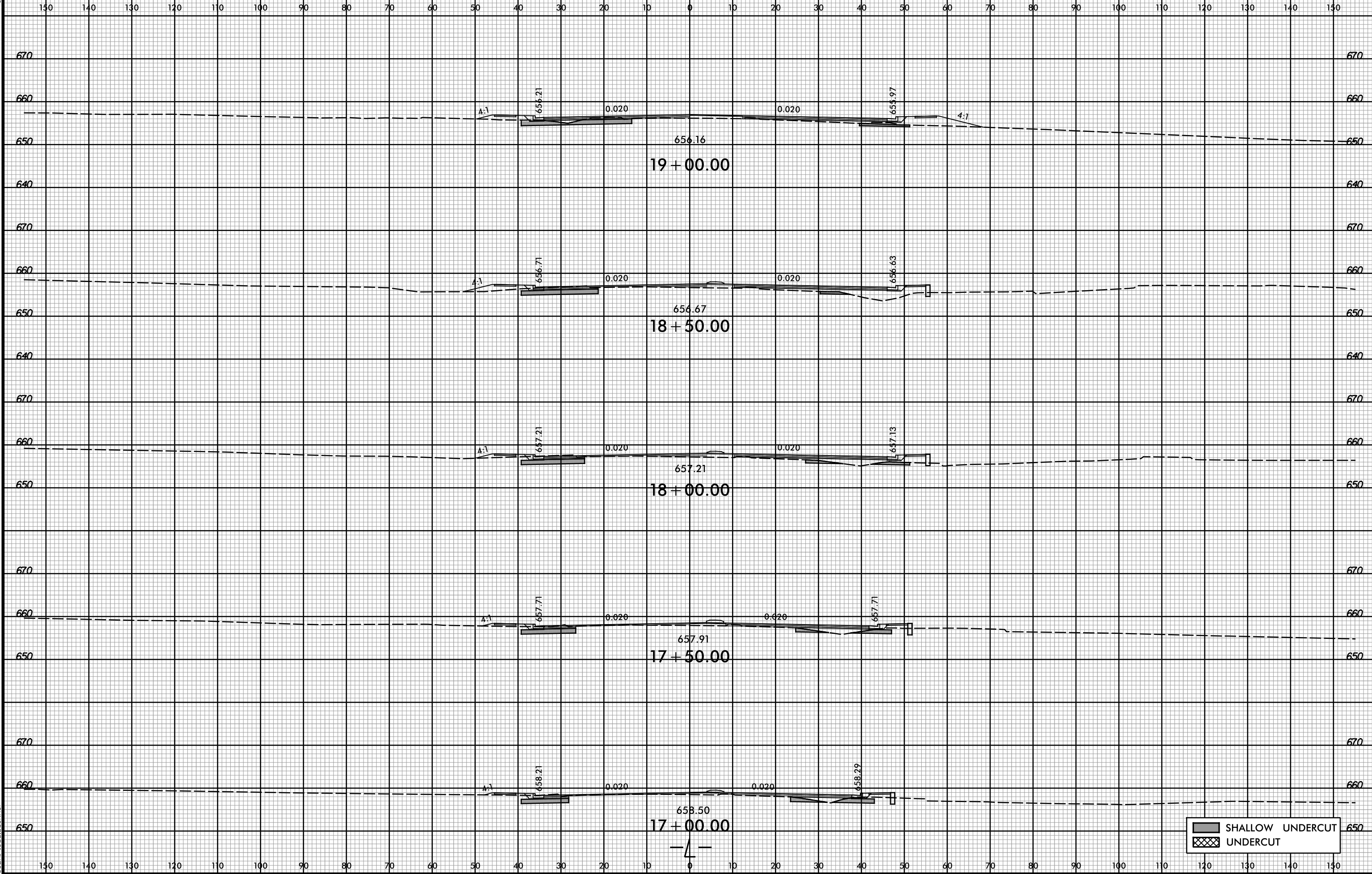
| | |
|----------------------------|------------------|
| PROJ. REFERENCE NO. | SHEET NO. |
| U-3109A | X-1F |

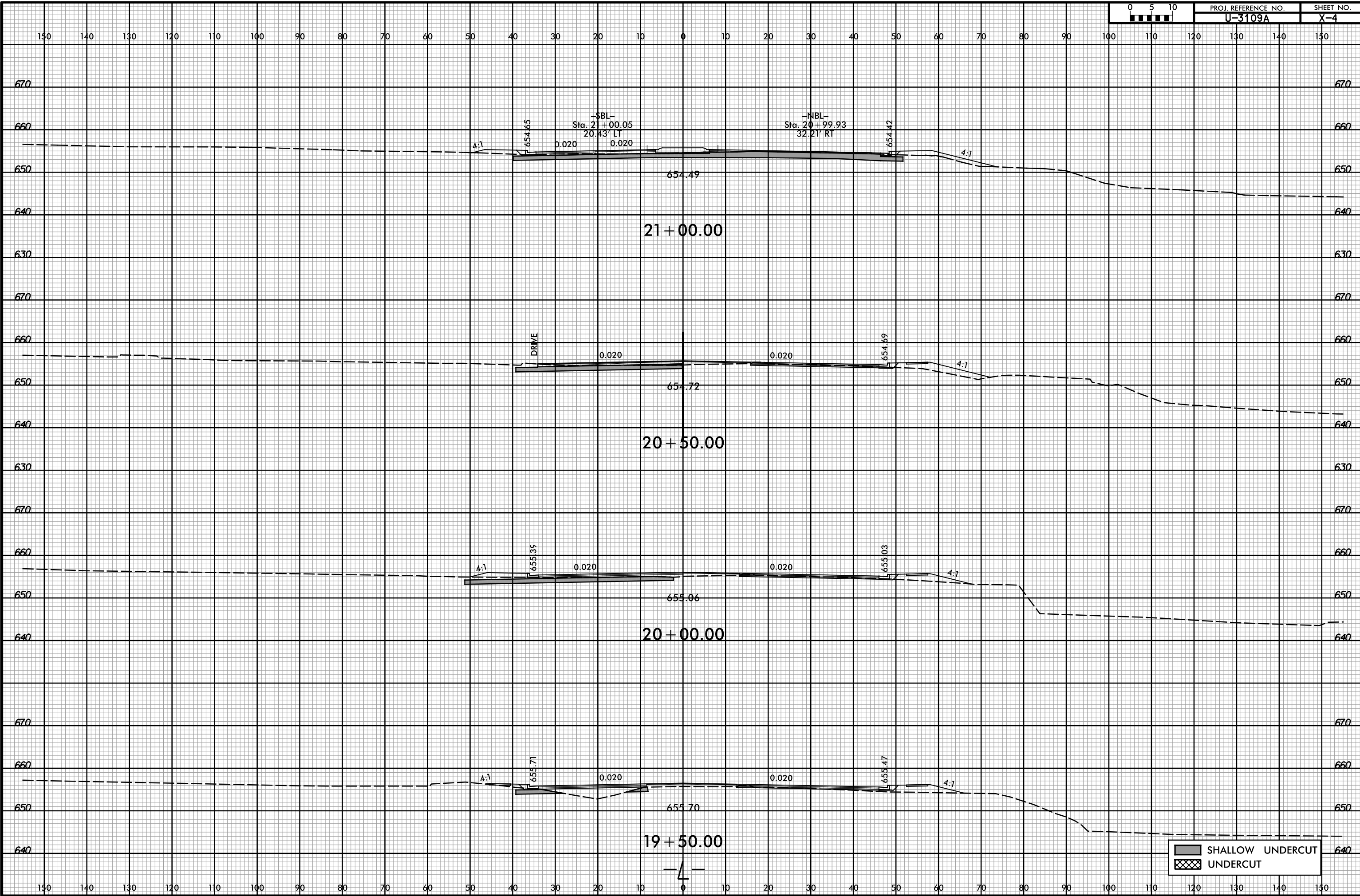
NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

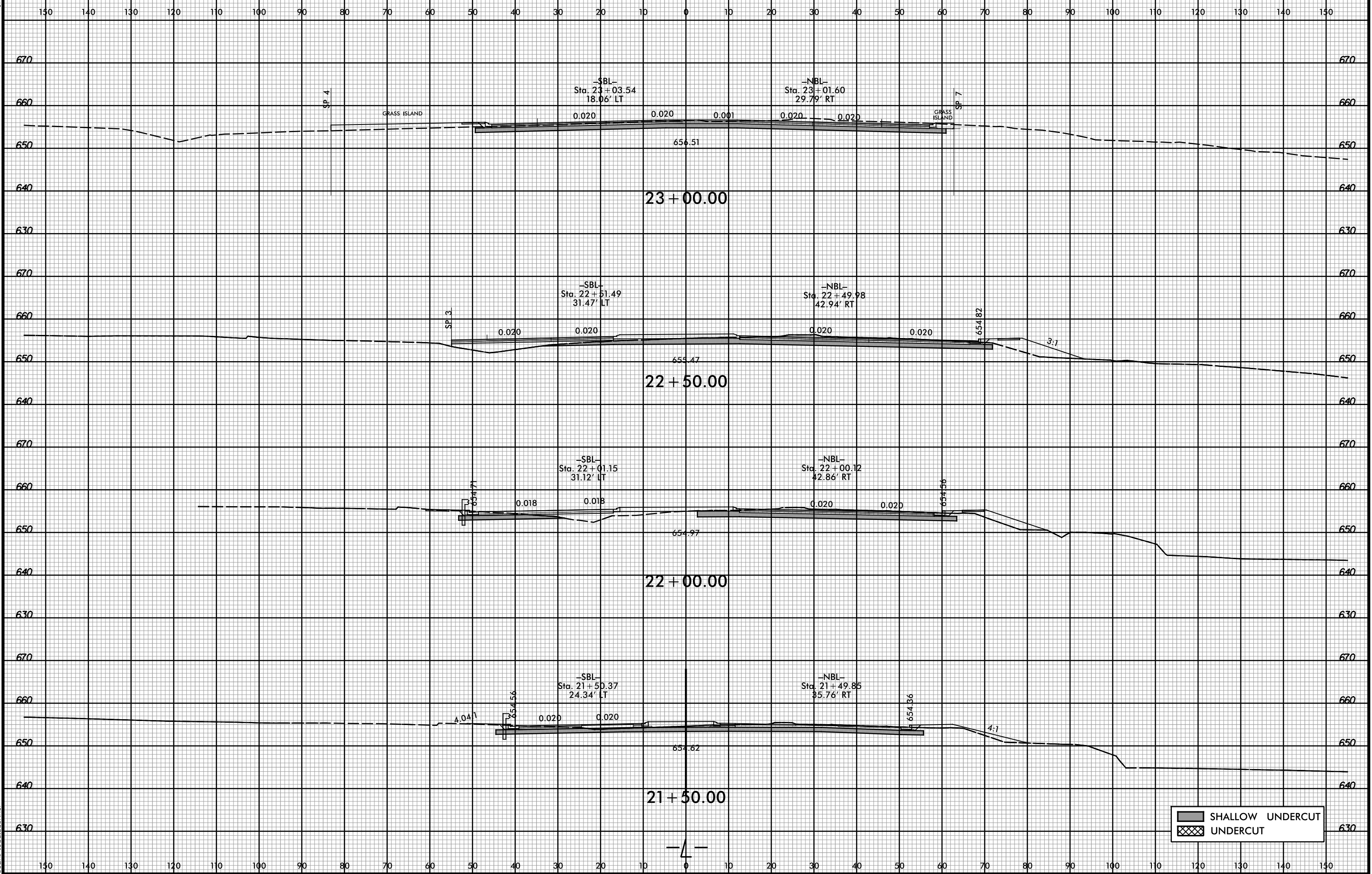
| Station | Uncl. Exc. | Embt | UnderCut | Station | Uncl. Exc. | Embt | UnderCut | Station | Uncl. Exc. | Embt | UnderCut | Station | Uncl. Exc. | Embt | UnderCut |
|----------------|-------------------|------------------|------------------|----------------|-------------------|------------------|------------------|----------|------------|-----------|-----------|----------------|-------------------|------------------|------------------|
| Y6A | (cu. yd.) | (cu. yd.) | (cu. yd.) | Y7B | (cu. yd.) | (cu. yd.) | (cu. yd.) | Y16 | (cu. yd.) | (cu. yd.) | (cu. yd.) | Y16 | (cu. yd.) | (cu. yd.) | (cu. yd.) |
| 11+50.00 | 0 | 0 | 0 | 14+00.00 | 0 | 0 | 0 | 15+50.00 | 32 | 2 | 0 | 42+00.00 | 3 | 55 | 0 |
| 12+00.00 | 70 | 576 | 0 | 14+50.00 | 62 | 19 | 0 | 16+00.00 | 22 | 4 | 0 | 42+50.00 | 22 | 28 | 0 |
| 12+50.00 | 130 | 313 | 0 | 15+00.00 | 74 | 49 | 0 | 16+50.00 | 28 | 2 | 0 | 43+00.00 | 20 | 29 | 0 |
| 13+00.00 | 111 | 259 | 0 | 15+50.00 | 74 | 64 | 0 | 17+00.00 | 54 | 0 | 0 | 43+50.00 | 5 | 38 | 0 |
| 13+50.00 | 148 | 138 | 0 | 16+00.00 | 56 | 47 | 0 | 17+50.00 | 79 | 0 | 0 | 44+00.00 | 16 | 19 | 0 |
| | | | | | | | | 18+00.00 | 94 | 0 | 0 | 44+50.00 | 27 | 6 | 0 |
| | | | | | | | | 18+50.00 | 106 | 0 | 0 | 45+00.00 | 31 | 0 | 0 |
| | | | | | | | | 19+00.00 | 106 | 0 | 0 | 45+35.47 | 18 | 1 | 0 |
| | | | | | | | | 19+50.00 | 106 | 0 | 0 | | | | |
| Station | Uncl. Exc. | Embt | UnderCut | Station | Uncl. Exc. | Embt | UnderCut | | | | | Station | Uncl. Exc. | Embt | UnderCut |
| Y7 | (cu. yd.) | (cu. yd.) | (cu. yd.) | Y9 | (cu. yd.) | (cu. yd.) | (cu. yd.) | | | | | Y19 | (cu. yd.) | (cu. yd.) | |
| 14+00.00 | 0 | 0 | 0 | 10+50.00000 | 0 | 0 | 0 | 20+00.00 | 129 | 0 | 0 | | | | |
| 14+50.00 | 30 | 21 | 0 | 11+00.00000 | 85 | 173 | 0 | 20+50.00 | 136 | 0 | 0 | | | | |
| 15+00.00 | 84 | 10 | 0 | 11+50.00000 | 140 | 30 | 0 | 21+00.00 | 113 | 0 | 0 | | | | |
| 15+50.00 | 82 | 5 | 0 | 12+00.00000 | 157 | 8 | 0 | 21+50.00 | 109 | 0 | 0 | 10+80.00 | 0 | 0 | 0 |
| 16+00.00 | 70 | 9 | 0 | 12+50.00000 | 96 | 7 | 0 | 22+00.00 | 125 | 0 | 0 | 11+00.00 | 43 | 15 | 0 |
| 16+50.00 | 86 | 14 | 0 | | | | | 22+50.00 | 132 | 0 | 0 | 11+50.00 | 66 | 31 | 0 |
| 17+00.00 | 84 | 13 | 0 | Station | Uncl. Exc. | Embt | UnderCut | 23+00.00 | 133 | 0 | 0 | 12+00.00 | 46 | 31 | 0 |
| 17+50.00 | 54 | 19 | 0 | | | | | 23+50.00 | 134 | 0 | 0 | 12+50.00 | 52 | 26 | 0 |
| 18+00.00 | 19 | 27 | 0 | Y10 | (cu. yd.) | (cu. yd.) | (cu. yd.) | 24+00.00 | 136 | 0 | 0 | 12+60.00 | 11 | 3 | 0 |
| 18+50.00 | 49 | 26 | 0 | 14+60.00 | 0 | 0 | 0 | 24+50.00 | 137 | 0 | 0 | | | | |
| 19+00.00 | 60 | 16 | 0 | 15+00.00 | 53 | 1 | 0 | 25+00.00 | 140 | 0 | 0 | Station | Uncl. Exc. | Embt | UnderCut |
| 19+50.00 | 38 | 8 | 0 | 15+50.00 | 33 | 2 | 0 | 25+50.00 | 145 | 0 | 0 | Y20 | (cu. yd.) | (cu. yd.) | (cu. yd.) |
| 20+00.00 | 37 | 12 | 0 | 16+00.00 | 24 | 4 | 0 | 26+00.00 | 153 | 0 | 0 | | | | |
| 20+50.00 | 39 | 19 | 0 | 16+50.00 | 14 | 12 | 0 | 26+50.00 | 158 | 0 | 0 | 10+00.00 | 0 | 0 | 0 |
| 21+00.00 | 32 | 28 | 0 | 17+00.00 | 6 | 31 | 0 | 27+00.00 | 152 | 0 | 0 | 10+50.00 | 0 | 0 | 0 |
| 21+50.00 | 20 | 62 | 0 | | | | | 27+50.00 | 129 | 0 | 0 | 11+00.00 | 0 | 0 | 0 |
| 22+00.00 | 14 | 94 | 0 | Station | Uncl. Exc. | Embt | UnderCut | 28+00.00 | 88 | 0 | 0 | 11+50.00 | 0 | 0 | 0 |
| 22+50.00 | 36 | 56 | 0 | | | | | 28+50.00 | 35 | 4 | 0 | 12+00.00 | 213 | 0 | 0 |
| | | | | Y10 | (cu. yd.) | (cu. yd.) | (cu. yd.) | 29+00.00 | 4 | 33 | 0 | 12+50.00 | 328 | 0 | 0 |
| Station | Uncl. Exc. | Embt | UnderCut | 34+00.00 | 0 | 0 | 0 | 29+50.00 | 0 | 86 | 0 | 13+00.00 | 219 | 0 | 0 |
| Y7A | (cu. yd.) | (cu. yd.) | (cu. yd.) | 34+50.00 | 33 | 20 | 0 | 30+00.00 | 0 | 146 | 0 | 13+50.00 | 187 | 1 | 0 |
| 21+50.00 | 0 | 0 | 0 | 35+00.00 | 44 | 22 | 0 | 30+50.00 | 0 | 211 | 0 | 14+00.00 | 126 | 12 | 0 |
| 22+00.00 | 174 | 17 | 0 | 35+50.00 | 74 | 14 | 0 | 31+00.00 | 0 | 221 | 0 | 14+50.00 | 66 | 55 | 0 |
| 22+50.00 | 132 | 68 | 0 | 36+00.00 | 85 | 6 | 0 | 31+50.00 | 6 | 289 | 0 | 15+00.00 | 43 | 53 | 0 |
| | | | | 36+50.00 | 103 | 8 | 0 | 32+00.00 | 13 | 407 | 0 | 15+50.00 | 47 | 45 | 0 |
| | | | | | | | | 32+50.00 | 18 | 444 | 0 | 16+00.00 | 45 | 40 | 0 |
| Station | Uncl. Exc. | Embt | UnderCut | Station | Uncl. Exc. | Embt | UnderCut | 33+00.00 | 22 | 444 | 0 | 16+50.00 | 65 | 5 | 0 |
| Y7A | (cu. yd.) | (cu. yd.) | (cu. yd.) | Y11 | (cu. yd.) | (cu. yd.) | (cu. yd.) | 33+50.00 | 11 | 363 | 0 | 17+00.00 | 116 | 1 | 0 |
| 28+50.00 | 0 | 0 | 0 | 17+50.00 | 0 | 0 | 0 | 34+00.00 | 0 | 282 | 0 | 17+50.00 | 163 | 0 | 0 |
| 29+00.00 | 0 | 119 | 0 | 18+00.00 | 19 | 58 | 0 | 34+50.00 | 10 | 173 | 0 | 18+00.00 | 211 | 0 | 0 |
| 29+50.00 | 0 | 141 | 0 | 18+50.00 | 34 | 11 | 0 | 35+00.00 | 10 | 87 | 0 | 18+50.00 | 245 | 0 | 0 |
| 30+00.00 | 13 | 230 | 0 | 18+85.00 | 60 | 0 | 0 | 35+50.00 | 1 | 72 | 0 | 19+00.00 | 254 | 0 | 0 |
| 30+50.00 | 36 | 260 | 0 | | | | | 36+00.00 | 7 | 22 | 0 | 19+50.00 | 231 | 4 | 0 |
| 31+00.00 | 32 | 142 | 0 | Station | Uncl. Exc. | Embt | UnderCut | 36+50.00 | 21 | 2 | 0 | 20+00.00 | 266 | 26 | 0 |
| 31+50.00 | 40 | 71 | 0 | | | | | 37+00.00 | 31 | 6 | 0 | 20+50.00 | 339 | 41 | 0 |
| 32+00.00 | 51 | 35 | 0 | Y16 | (cu. yd.) | (cu. yd.) | (cu. yd.) | 37+50.00 | 33 | 11 | 0 | 21+00.00 | 400 | 19 | 0 |
| 32+50.00 | 40 | 13 | 0 | 12+21.00 | 0 | 0 | 0 | 38+00.00 | 33 | 11 | 0 | 21+50.00 | 507 | 0 | 0 |
| 33+00.00 | 214 | 8 | 0 | 12+50.00 | 36 | 1 | 0 | 38+50.00 | 33 | 11 | 0 | 22+00.00 | 594 | 0 | 0 |
| 33+50.00 | 380 | 5 | 0 | 13+00.00 | 51 | 6 | 0 | 39+00.00 | 32 | 12 | 0 | 22+50.00 | 676 | 0 | 0 |
| 34+00.00 | 419 | 1 | 0 | 13+50.00 | 39 | 9 | 0 | 39+50.00 | 30 | 14 | 0 | | | | |
| | | | | 14+00.00 | 34 | 7 | 0 | 40+00.00 | 24 | 18 | 0 | | | | |
| | | | | 14+50.00 | 42 | 2 | 0 | 40+50.00 | 11 | 29 | 0 | | | | |
| | | | | 15+00.00 | 44 | 0 | 0 | 41+00.00 | 1 | 48 | 0 | | | | |
| | | | | | | | | 41+50.00 | 1 | 61 | 0 | | | | |

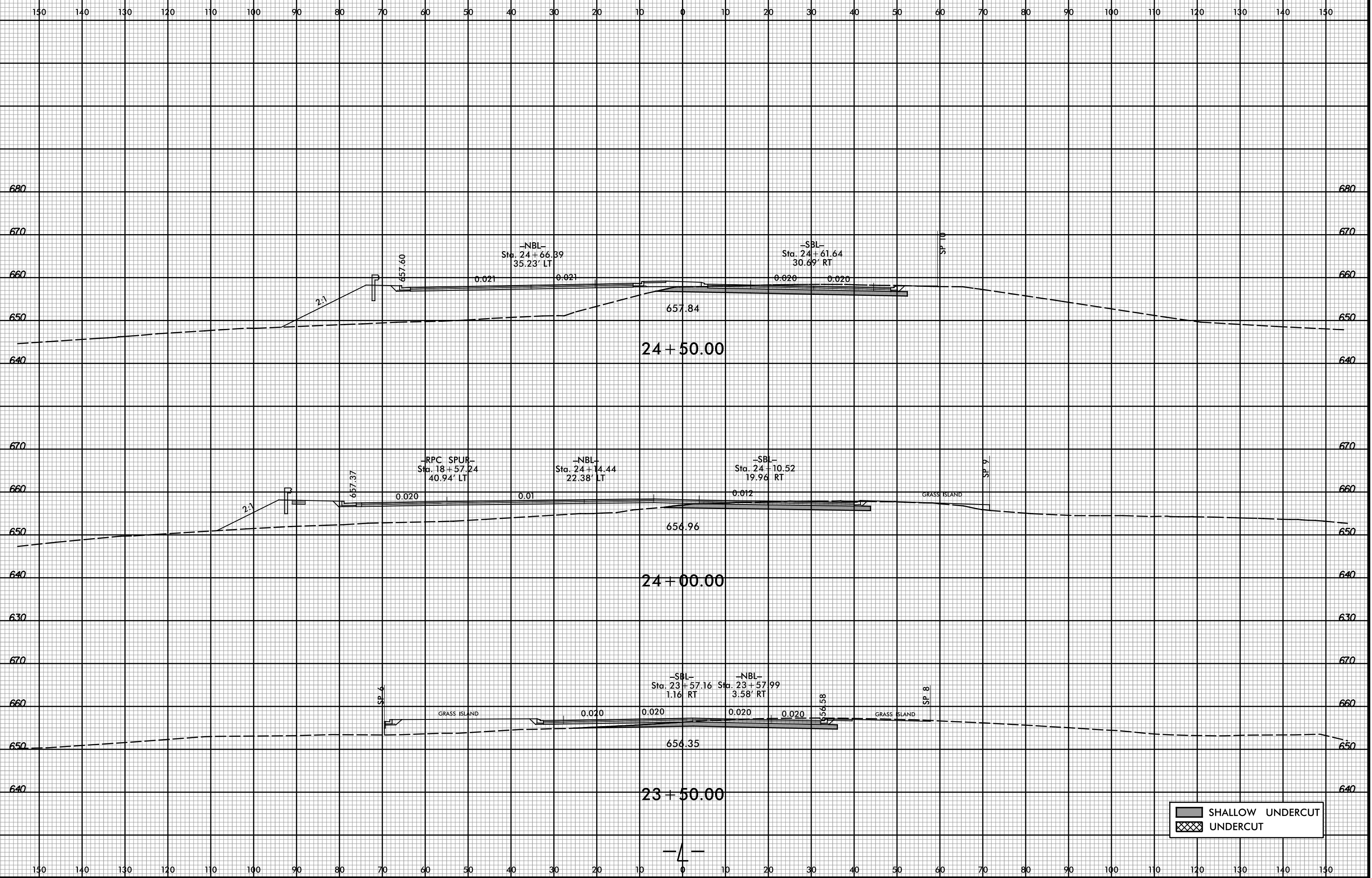


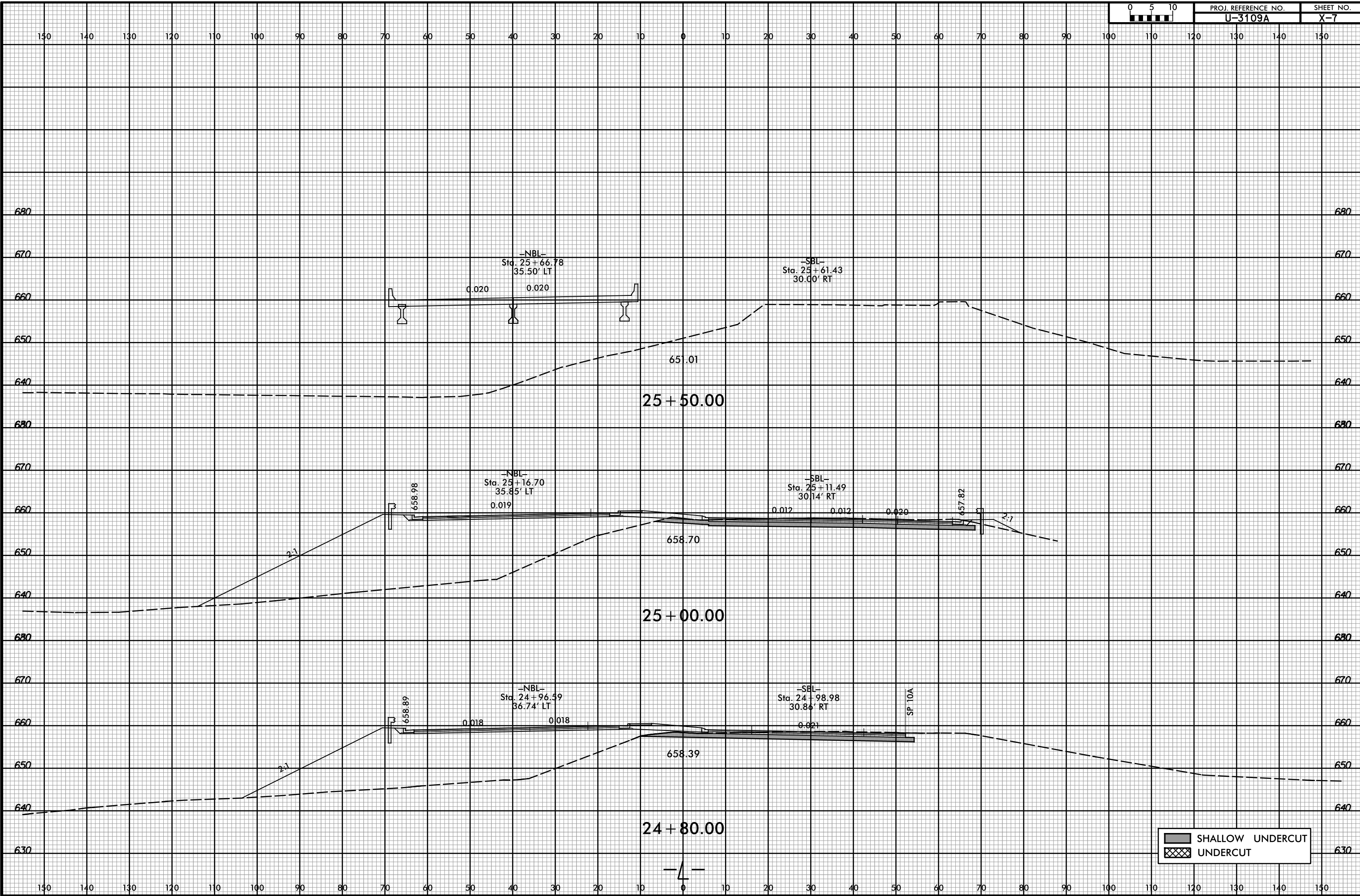


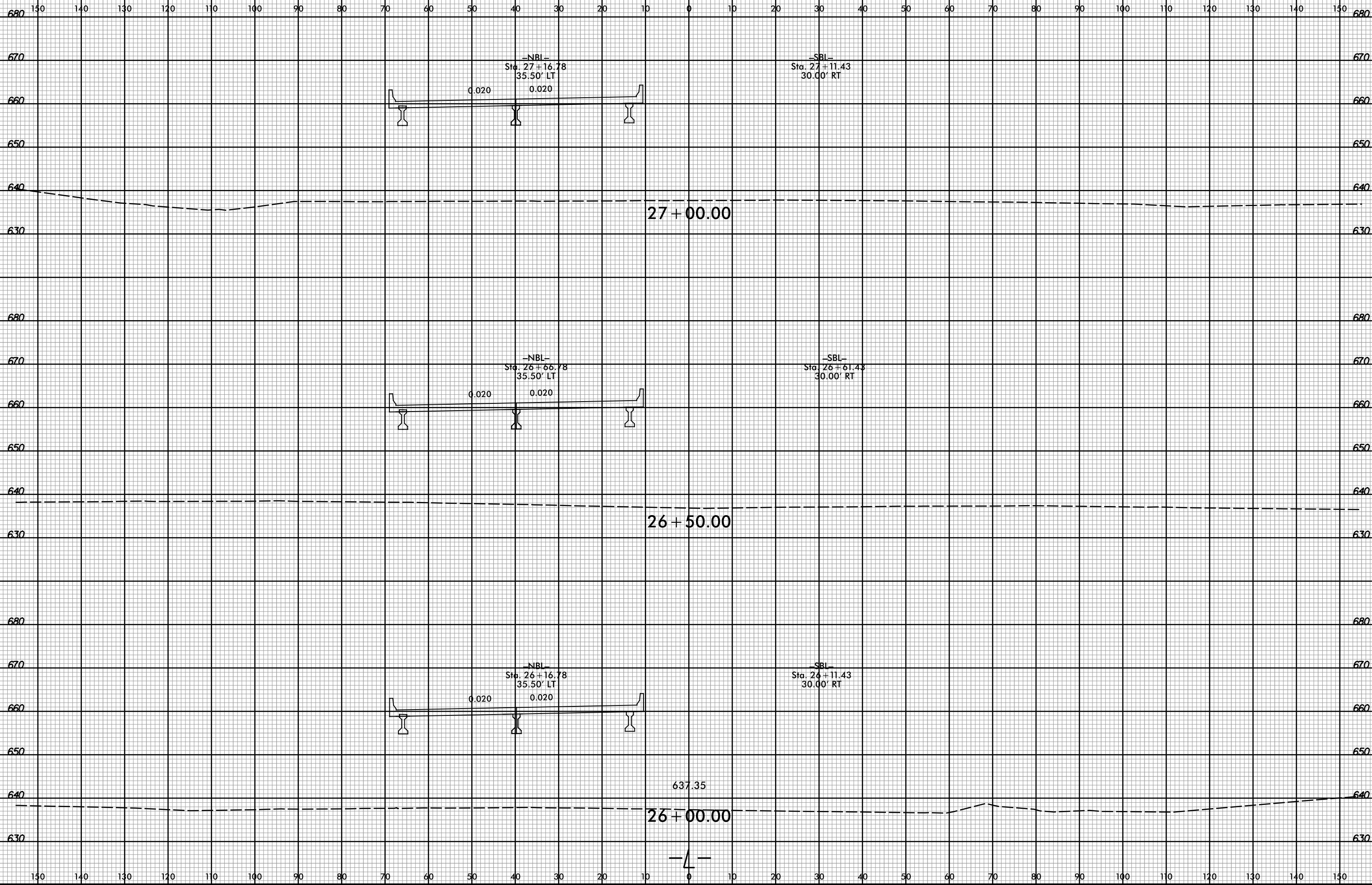


SHALLOW UNDERCUT
 UNDERCUT







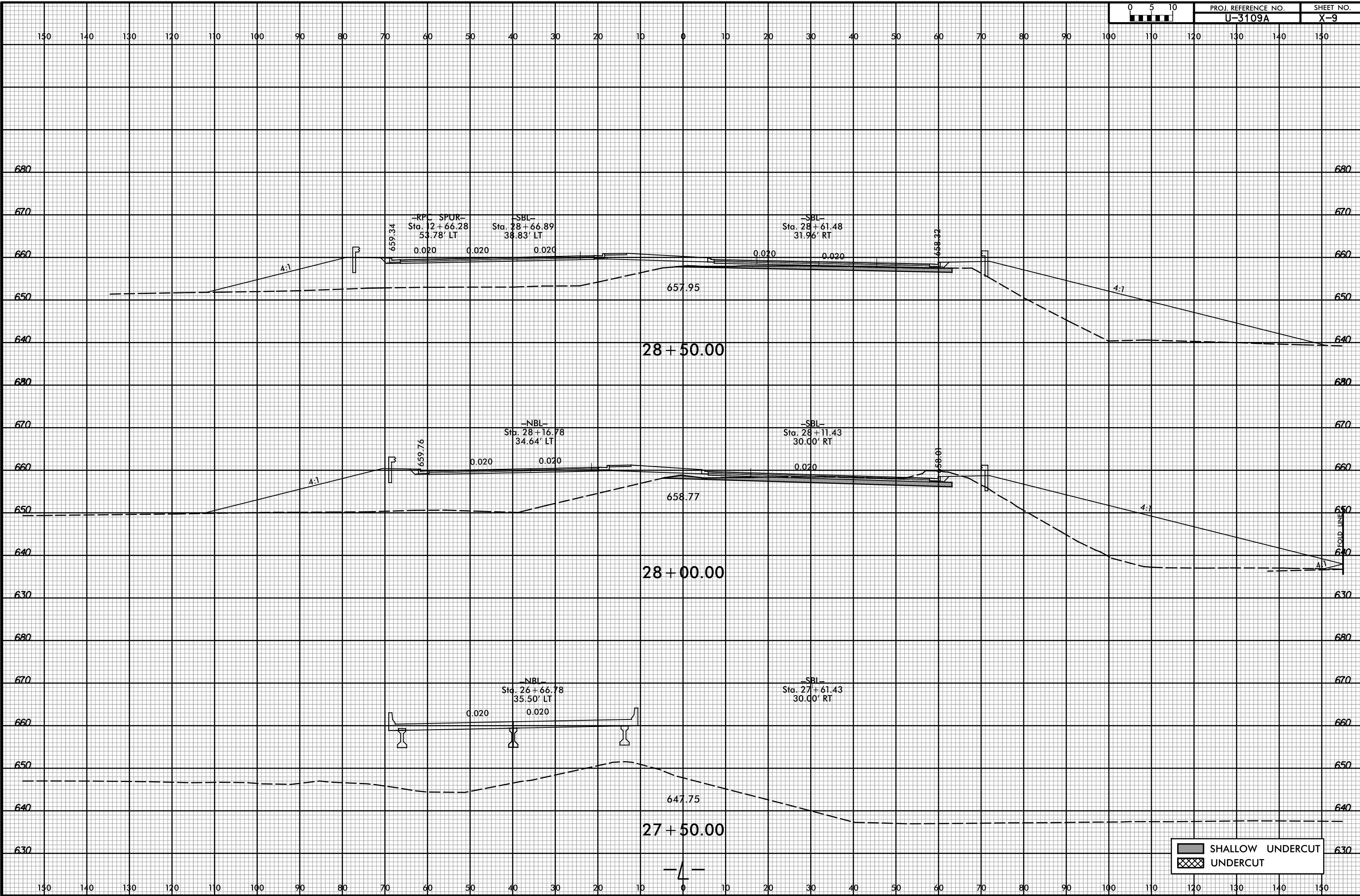


8/23/99

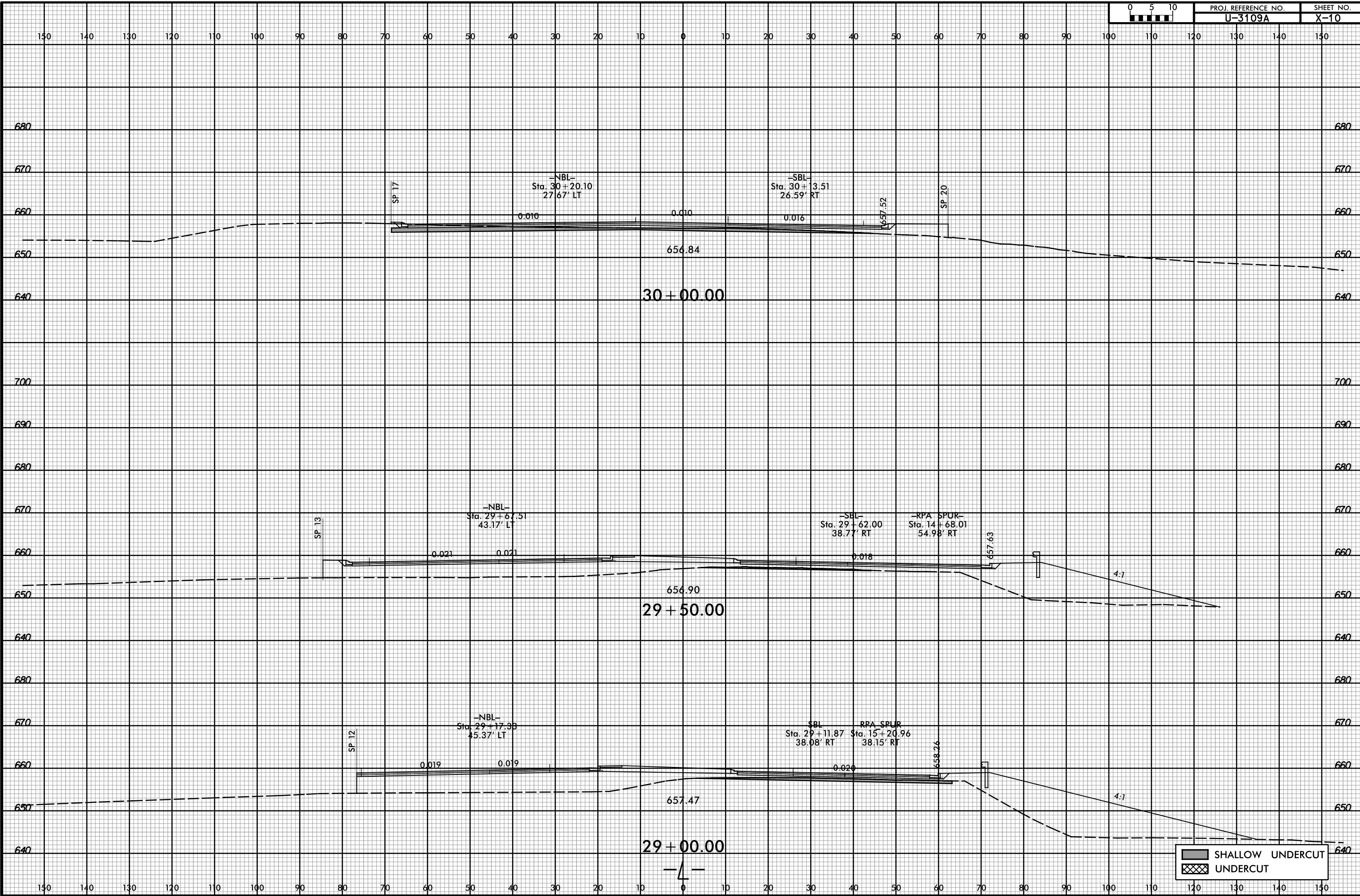


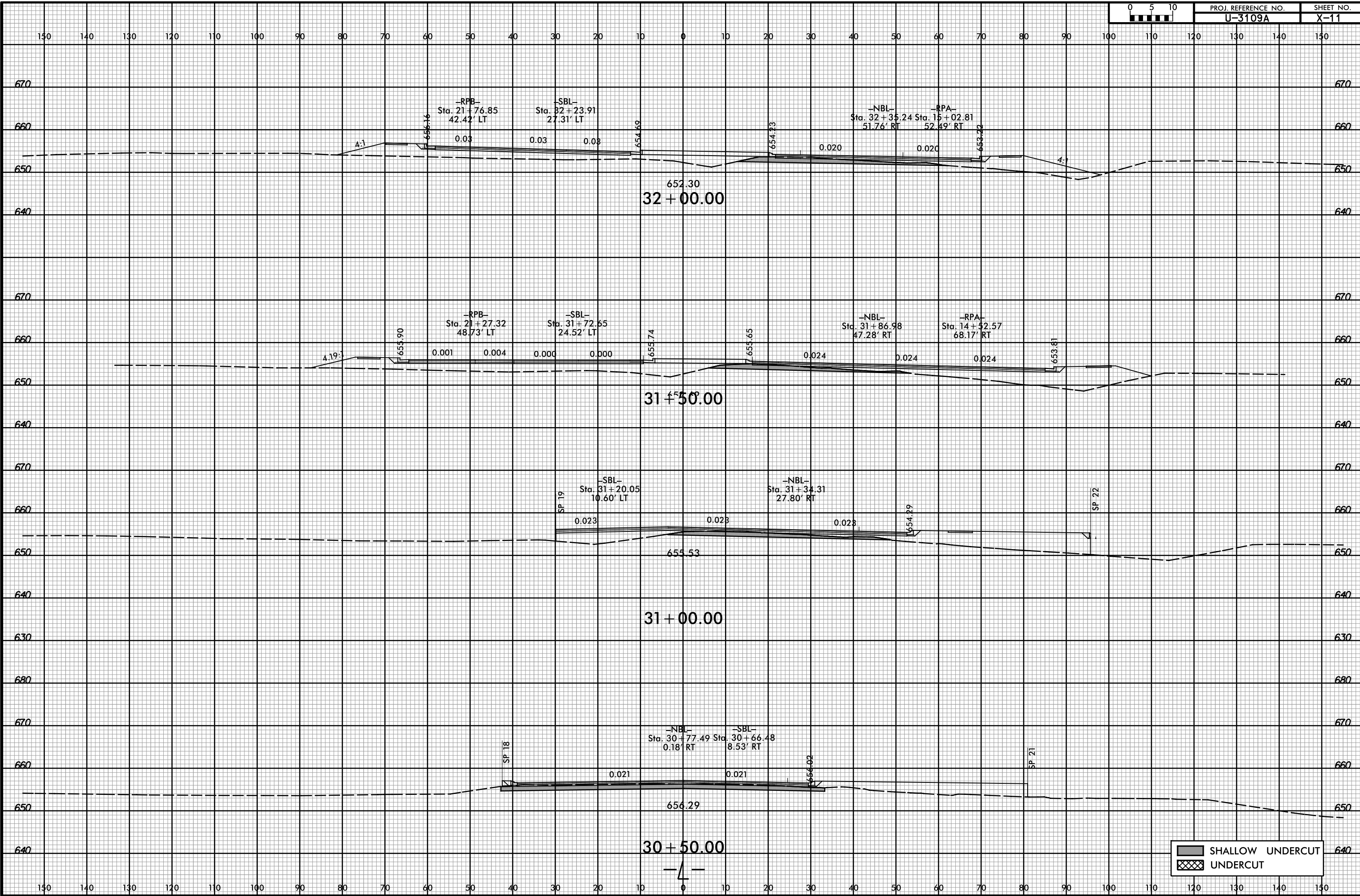
PROJ. REFERENCE NO.
U-3109A

SHEET NO.
X-9

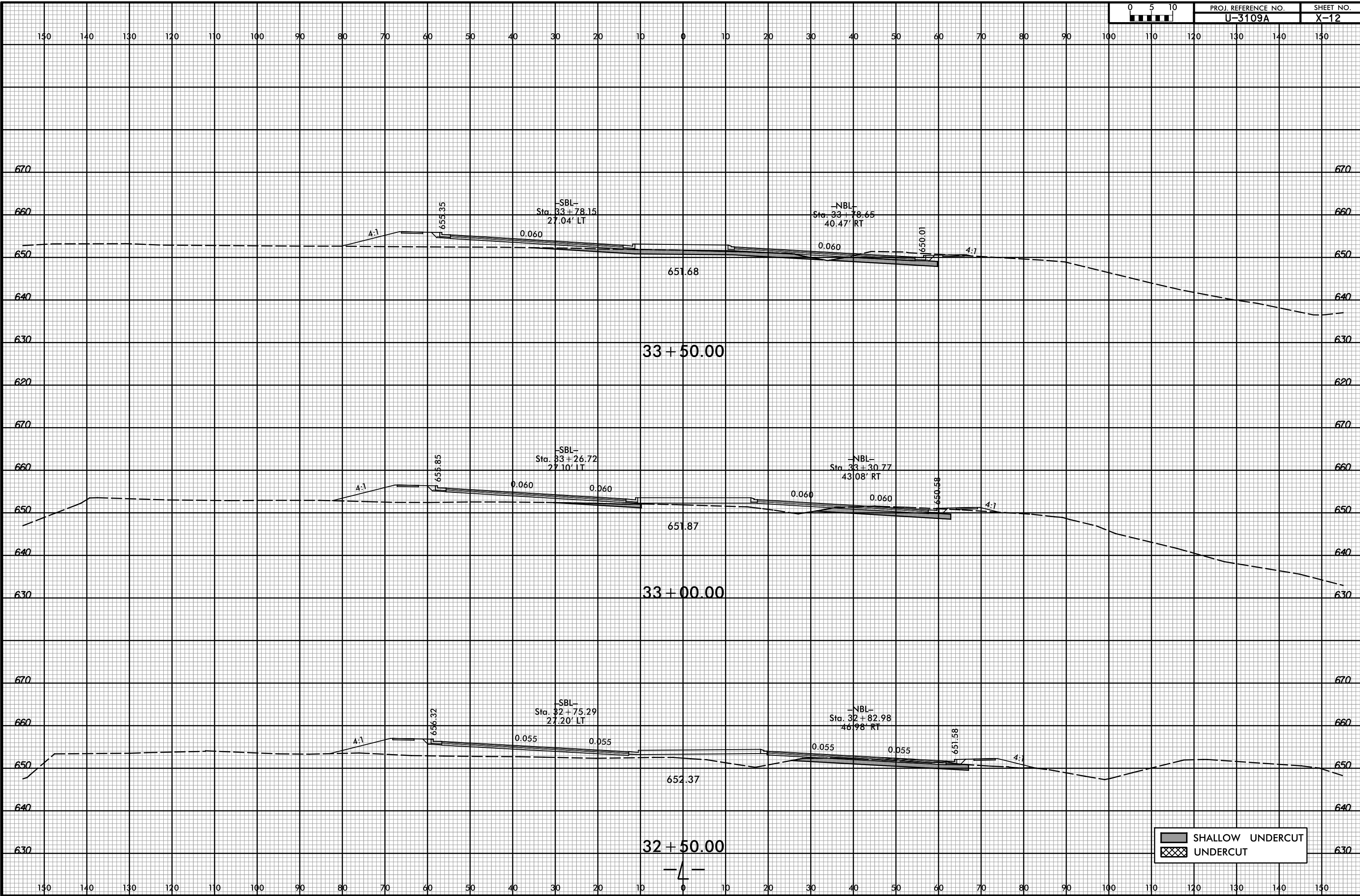


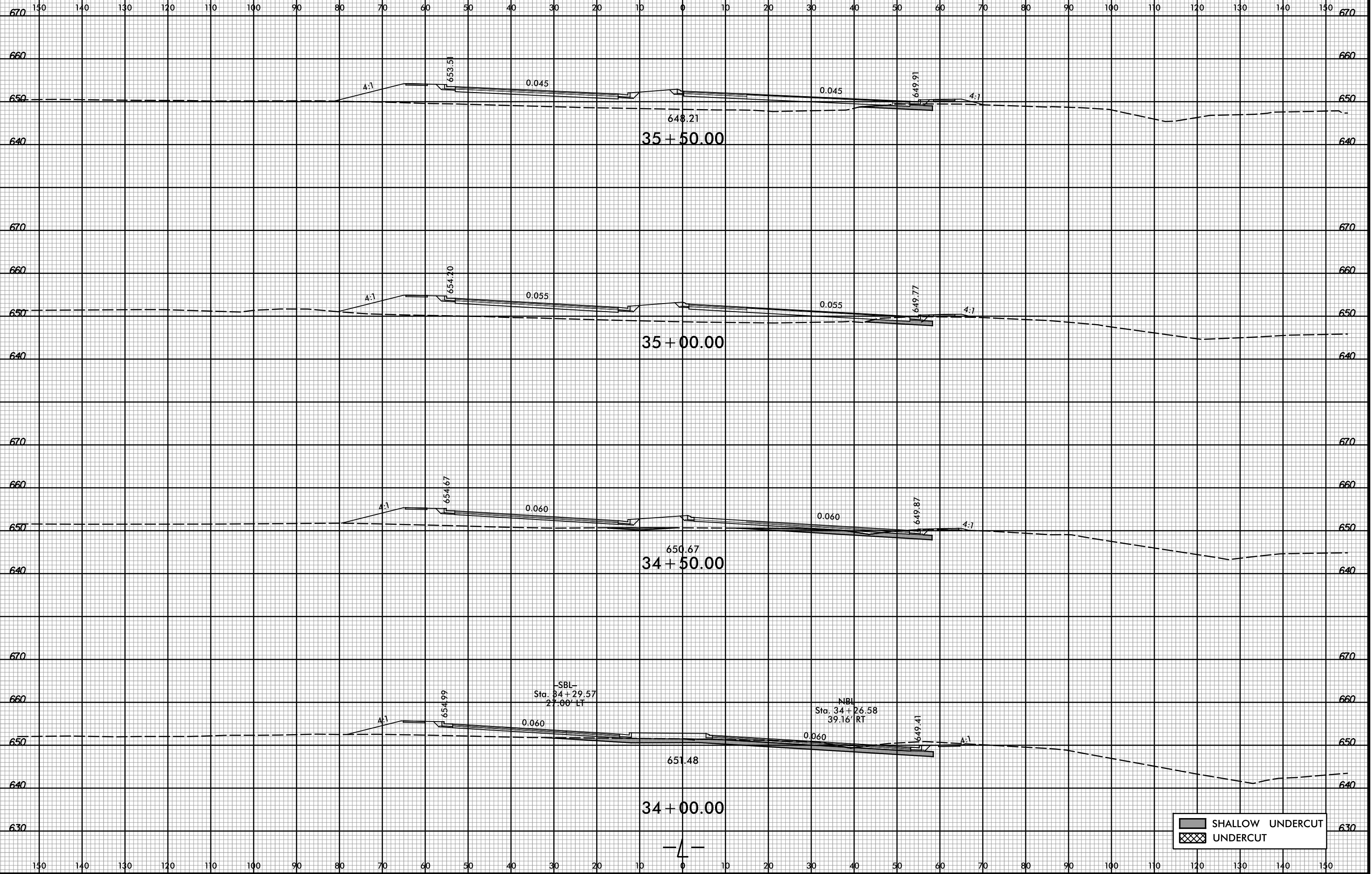
2/24/2017 4:59:39 PM
R:\Roadway\X3109A\13109A_Rdy_xpl.dgn
User: todd.buckner

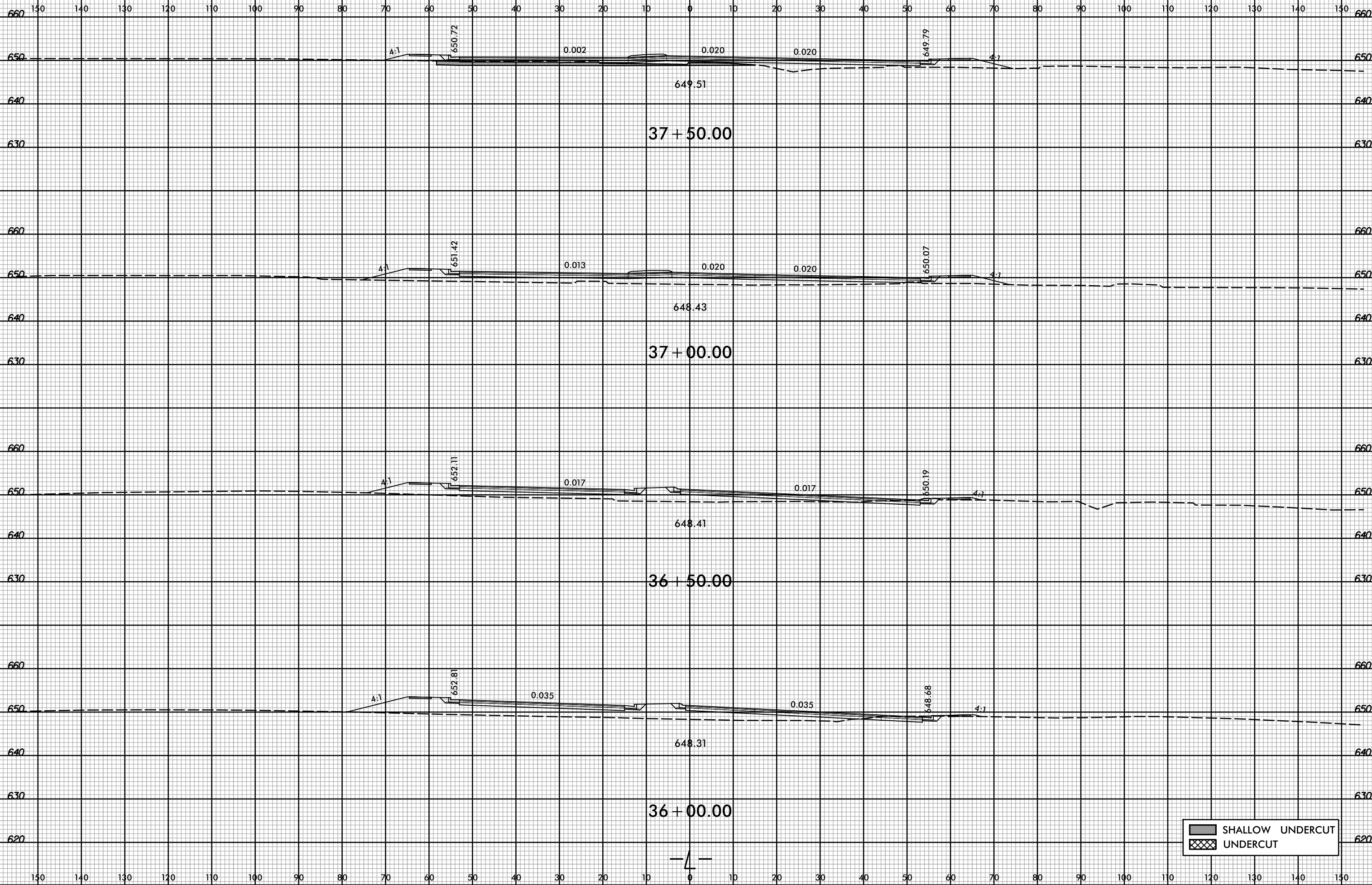




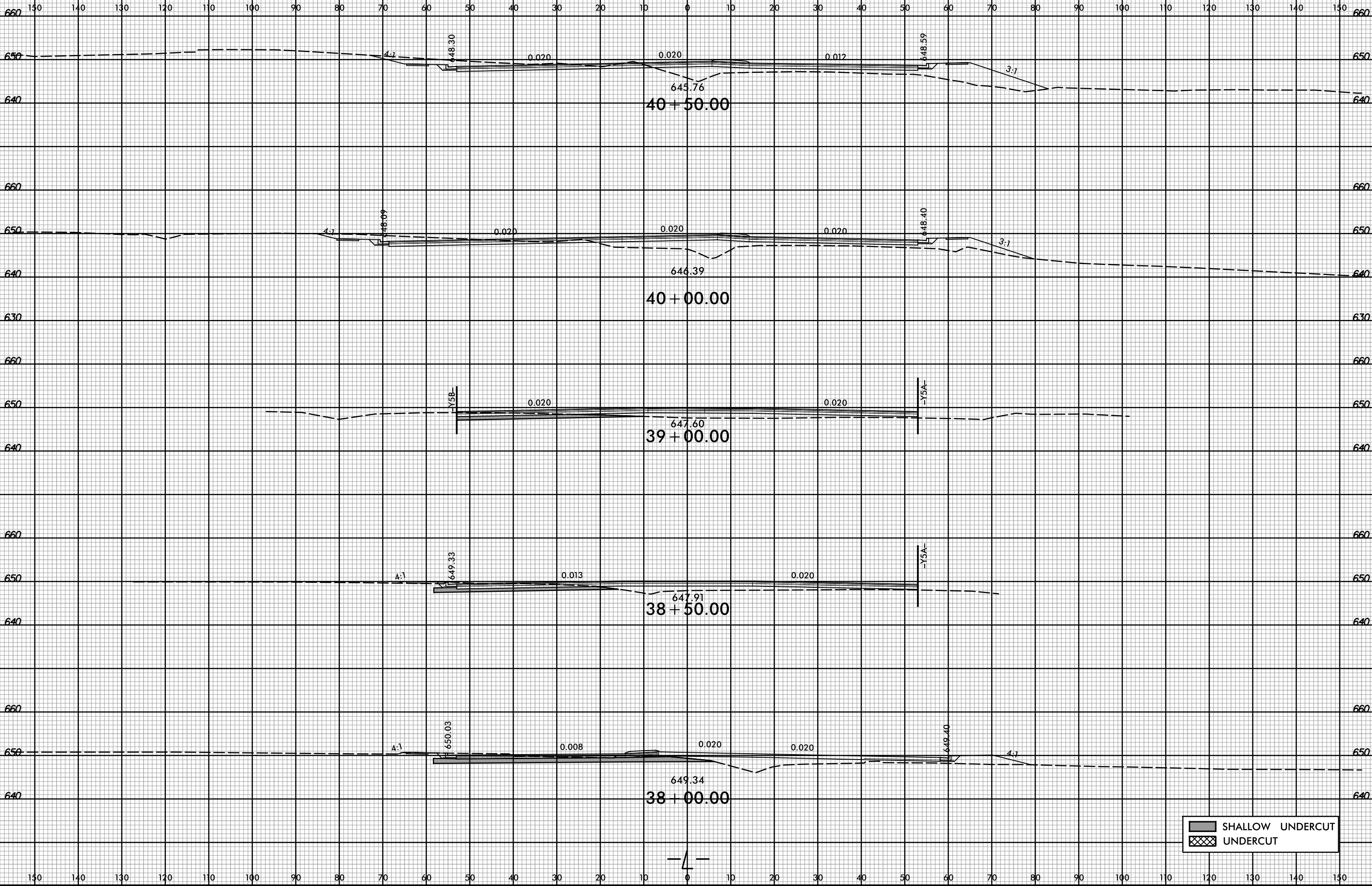
SHALLOW UNDERCUT
 UNDERCUT



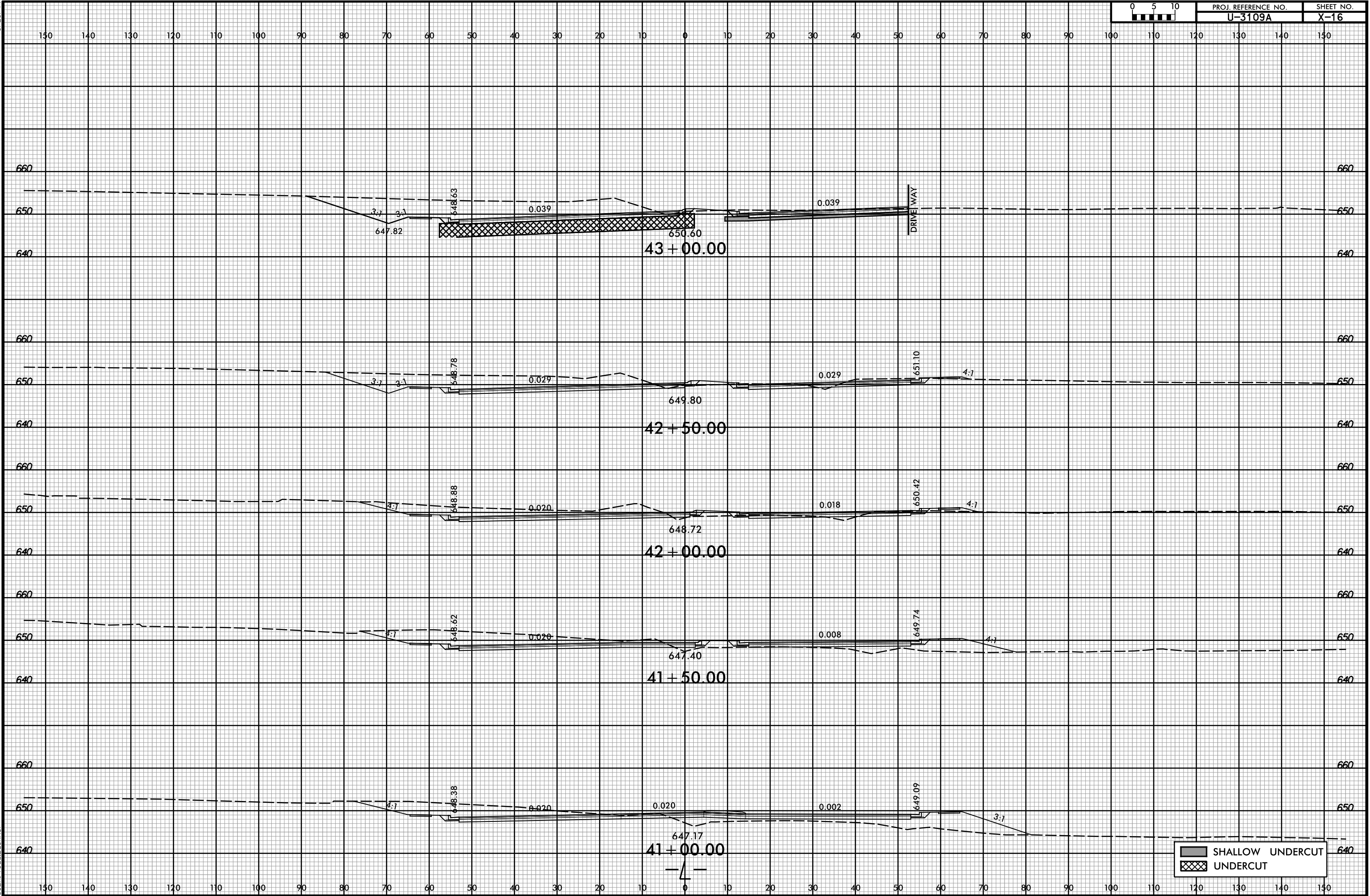




SHALLOW UNDERCUT
 UNDERCUT

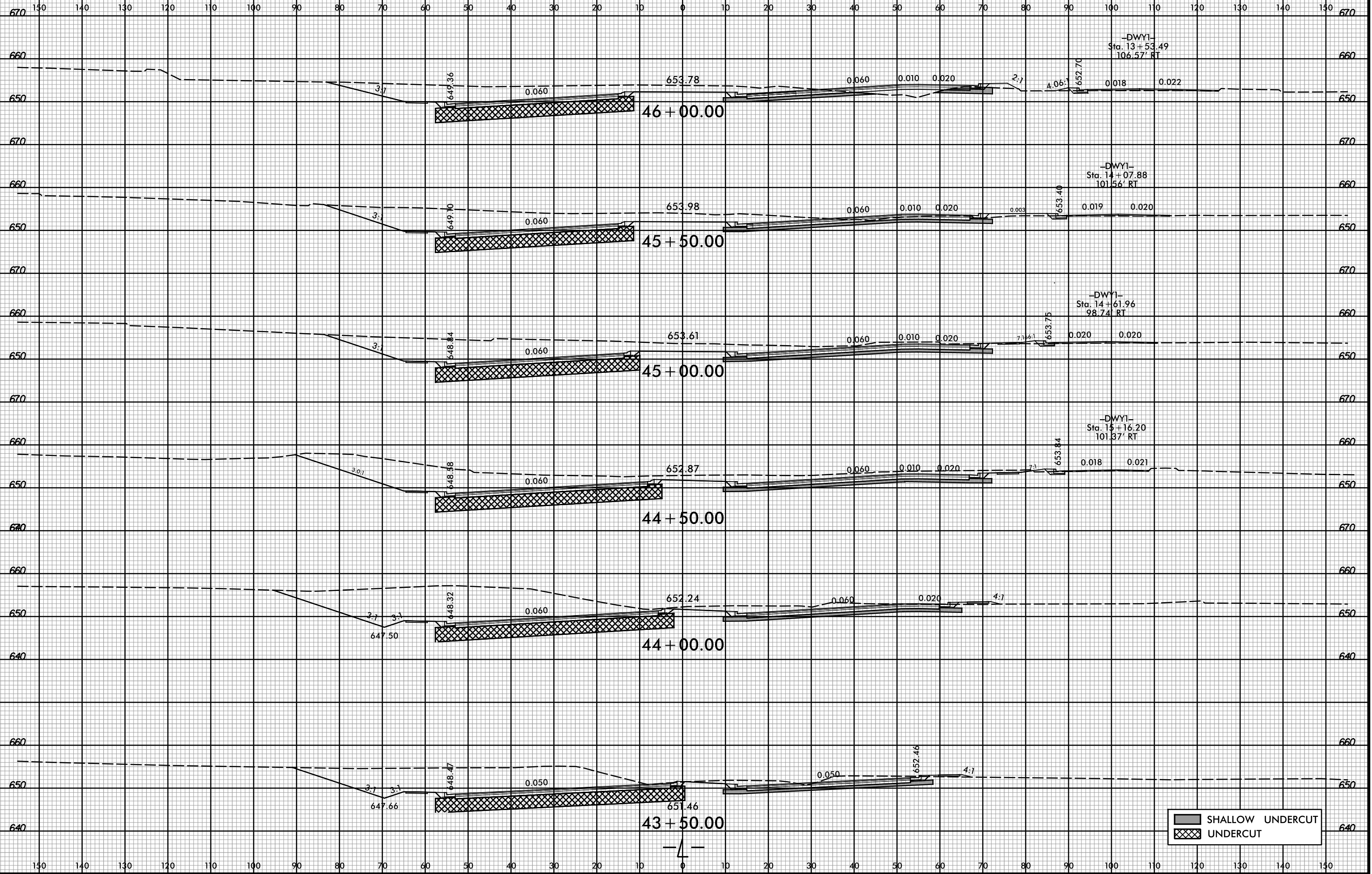
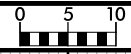


SHALLOW UNDERCUT
 UNDERCUT



SHALLOW UNDERCUT
 UNDERCUT

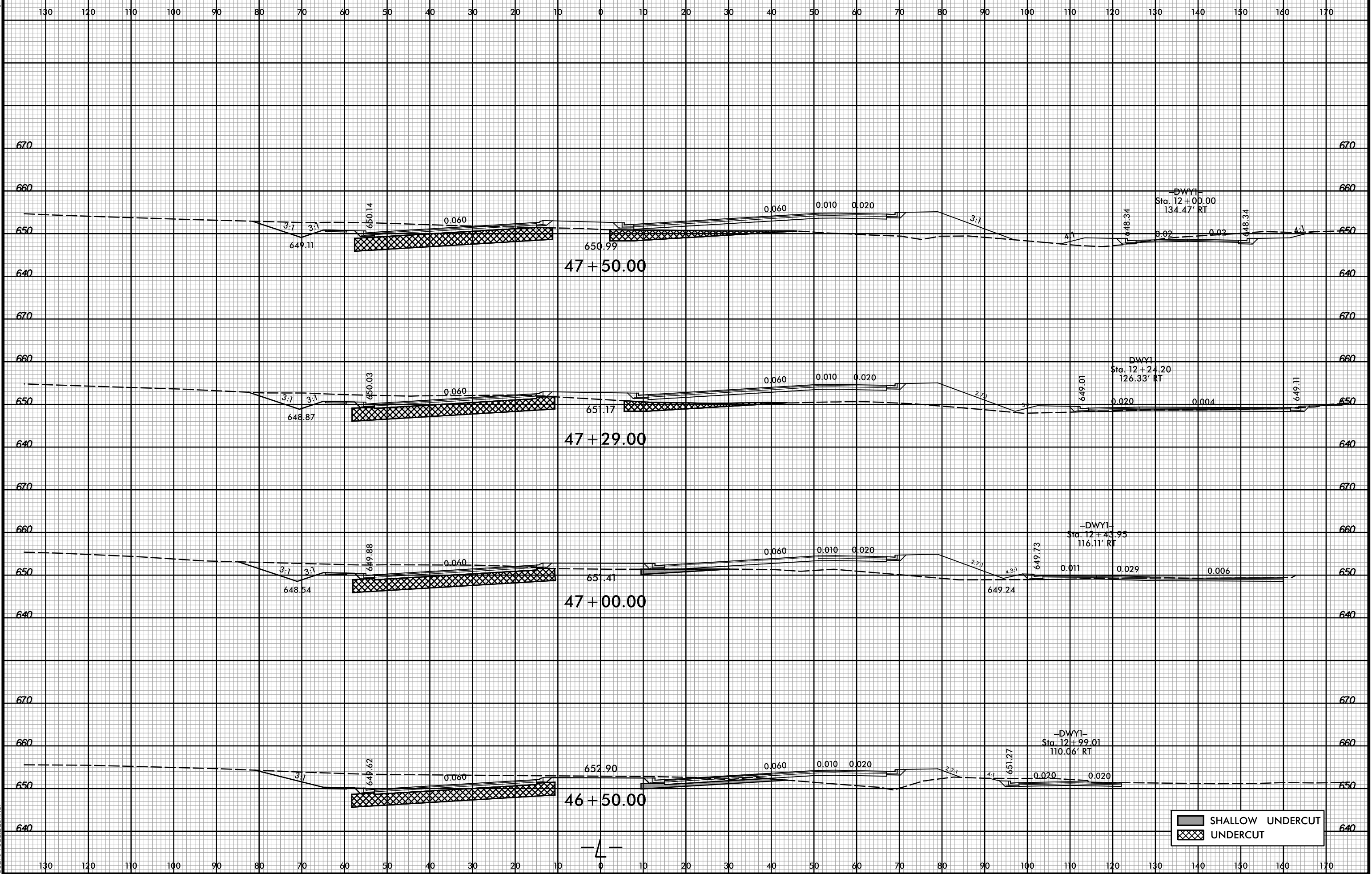
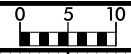
8/23/99



SHALLOW UNDERCUT
UNDERCUT

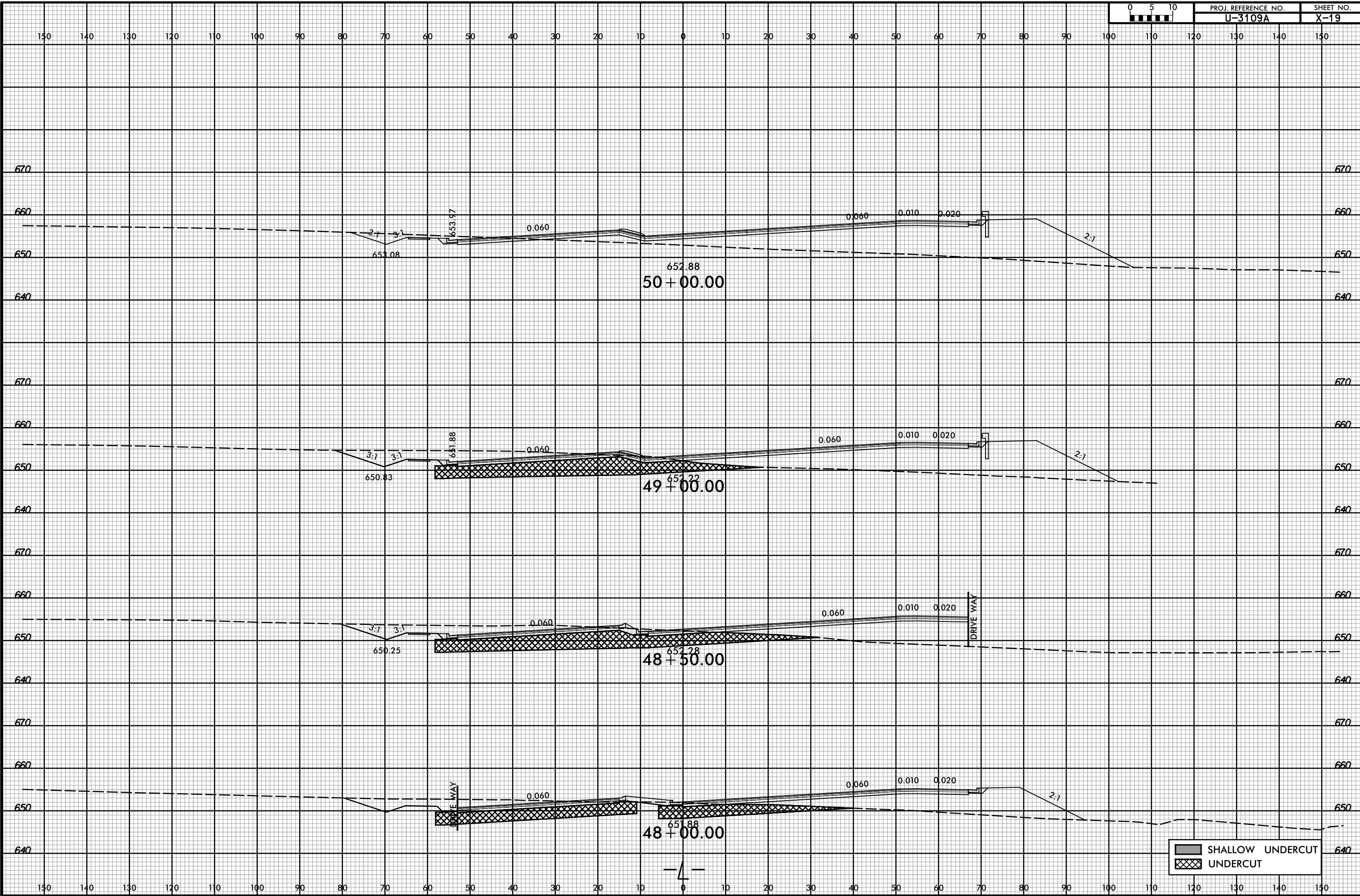
3/2/2017 10:42:54 AM
R:\Roadway\YSC\U3109A_Rdy_xp1.L.dgn
User: Todd.Buckner



8/23/99

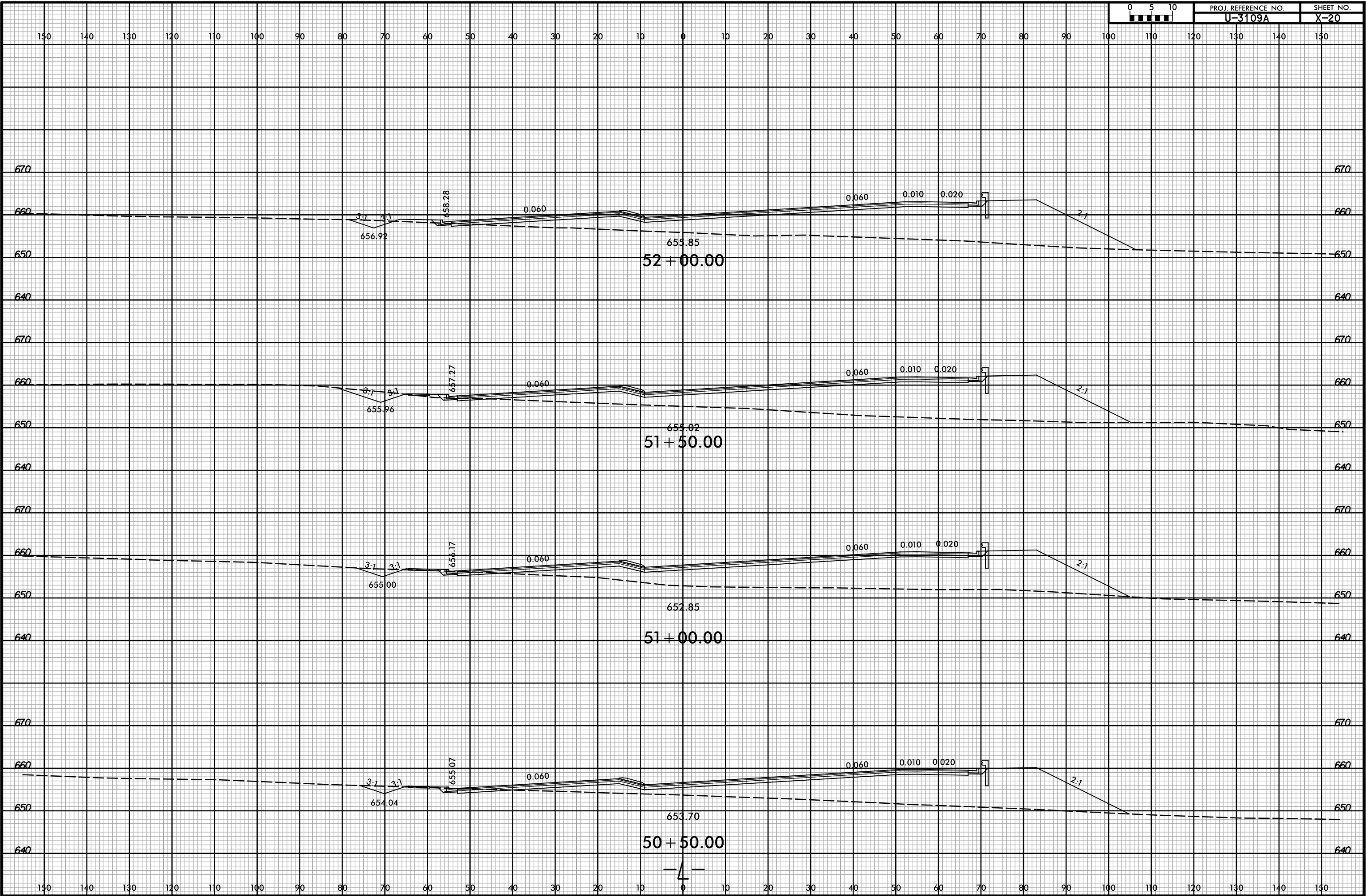


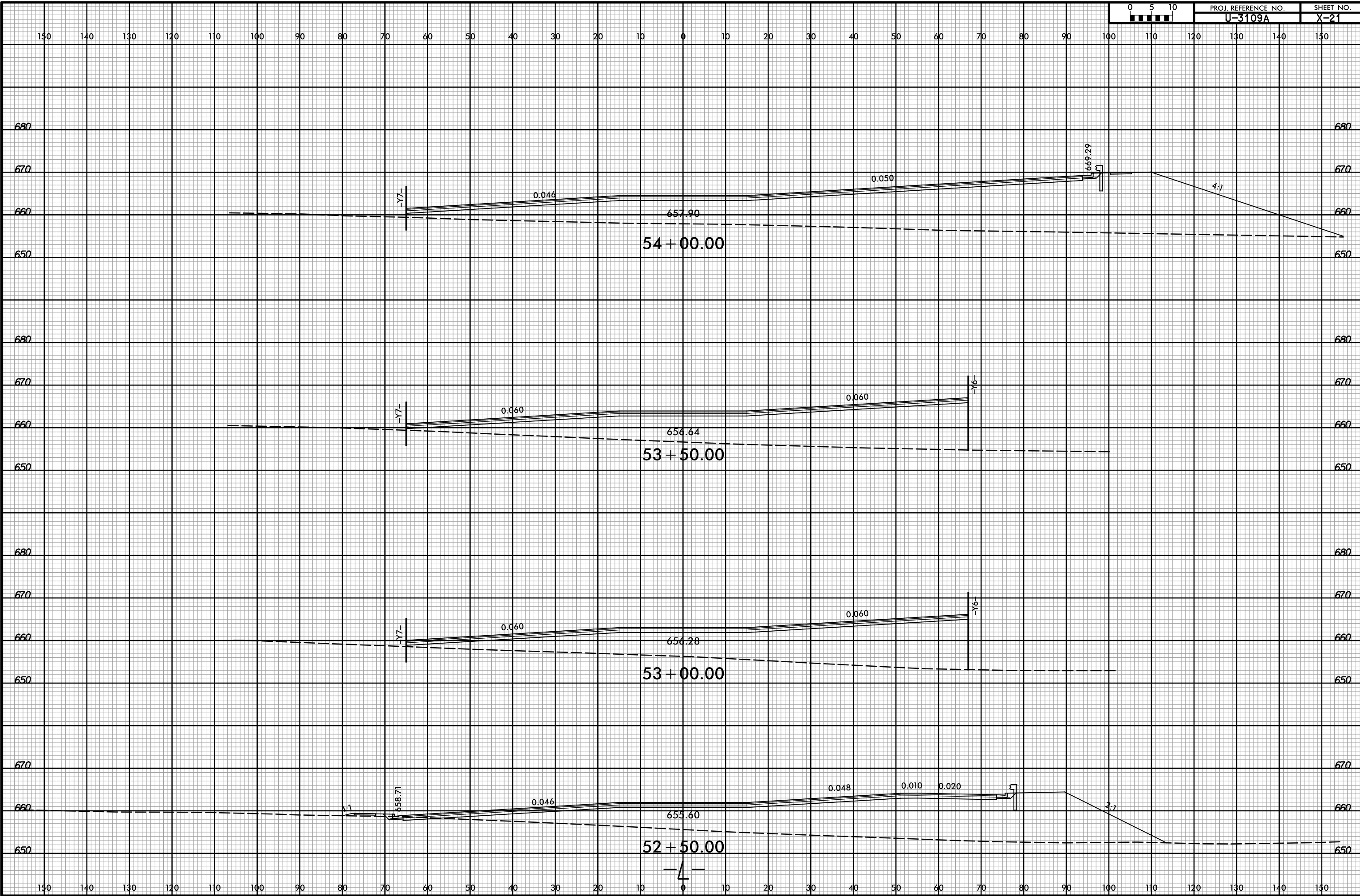
3/2/2017 10:42:55 AM
R:\Roadway\Y3C\13109A_Rdy_xp1.L.dgn
User: Todd.Buckner

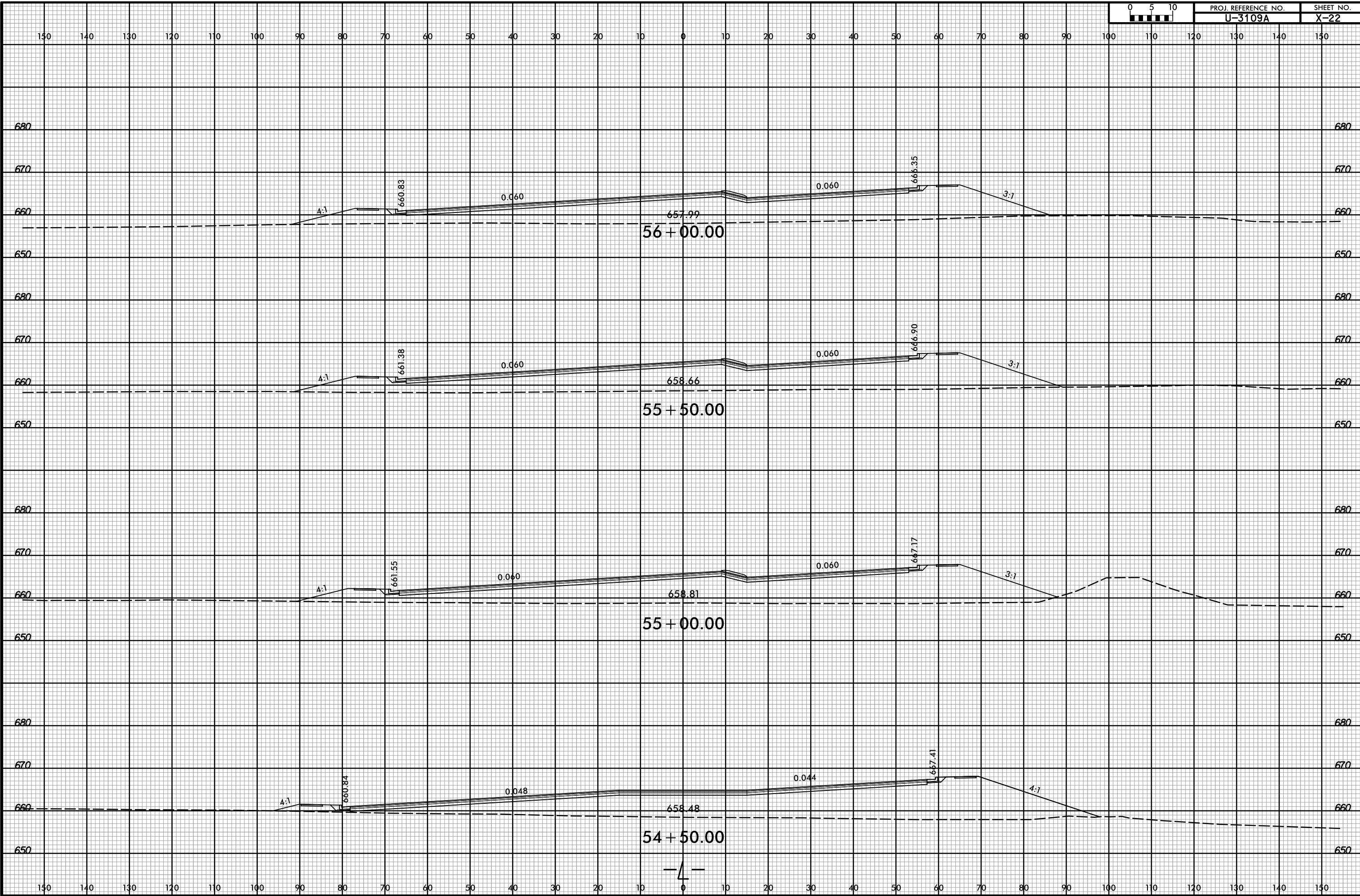
SHALLOW UNDERCUT
UNDERCUT

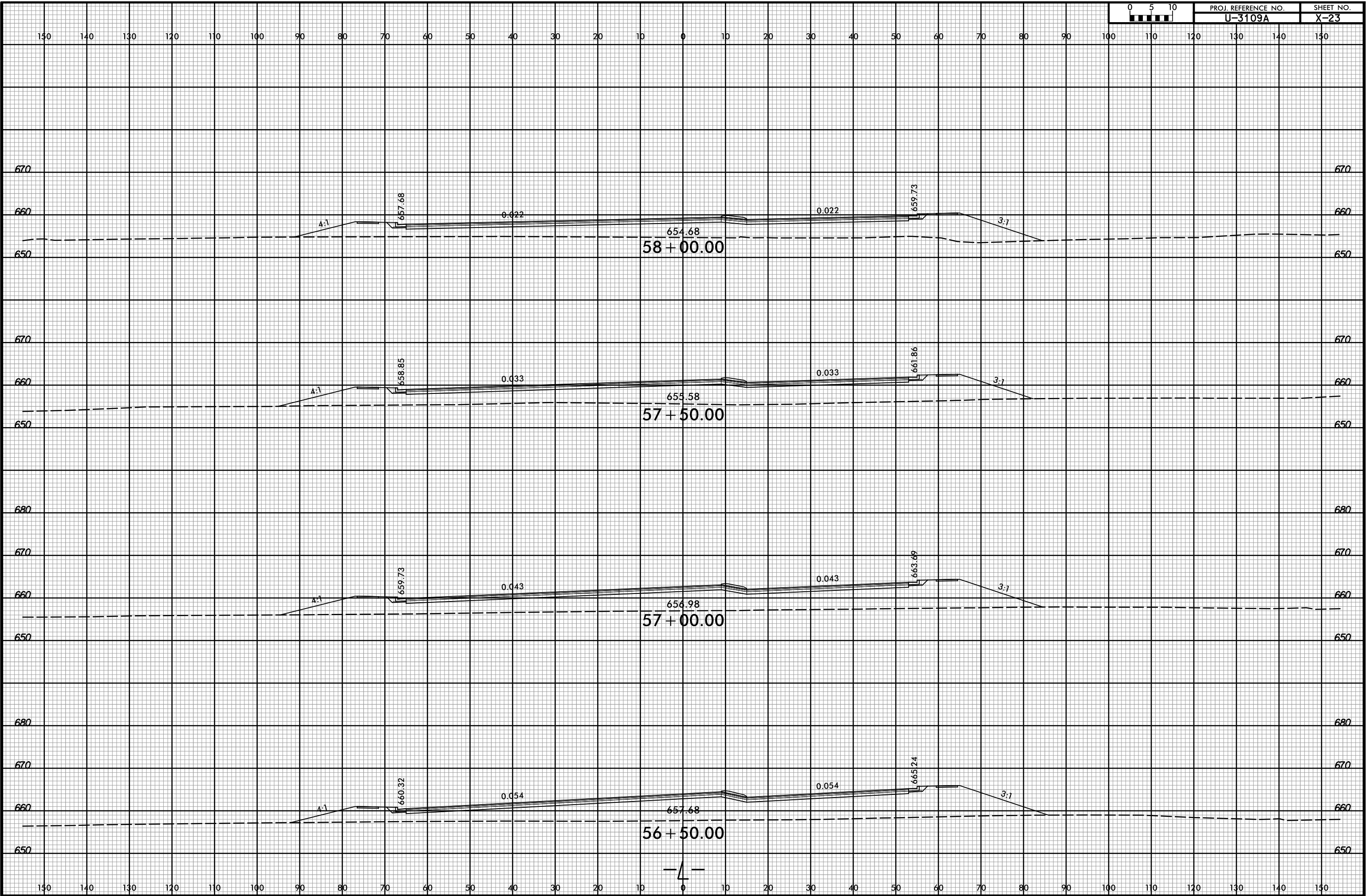


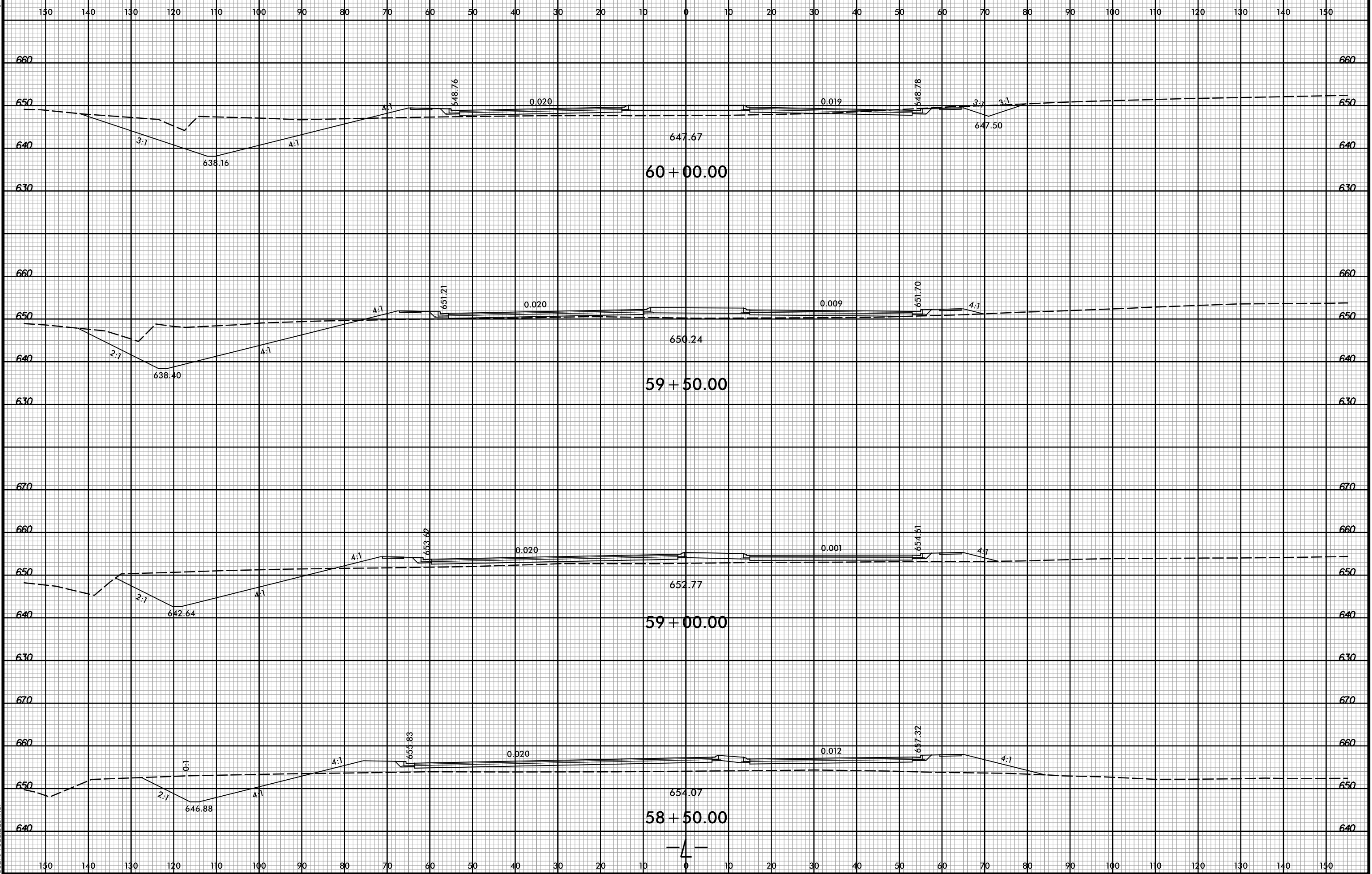
| | |
|---|------------------|
|  | SHALLOW UNDERCUT |
|  | UNDERCUT |

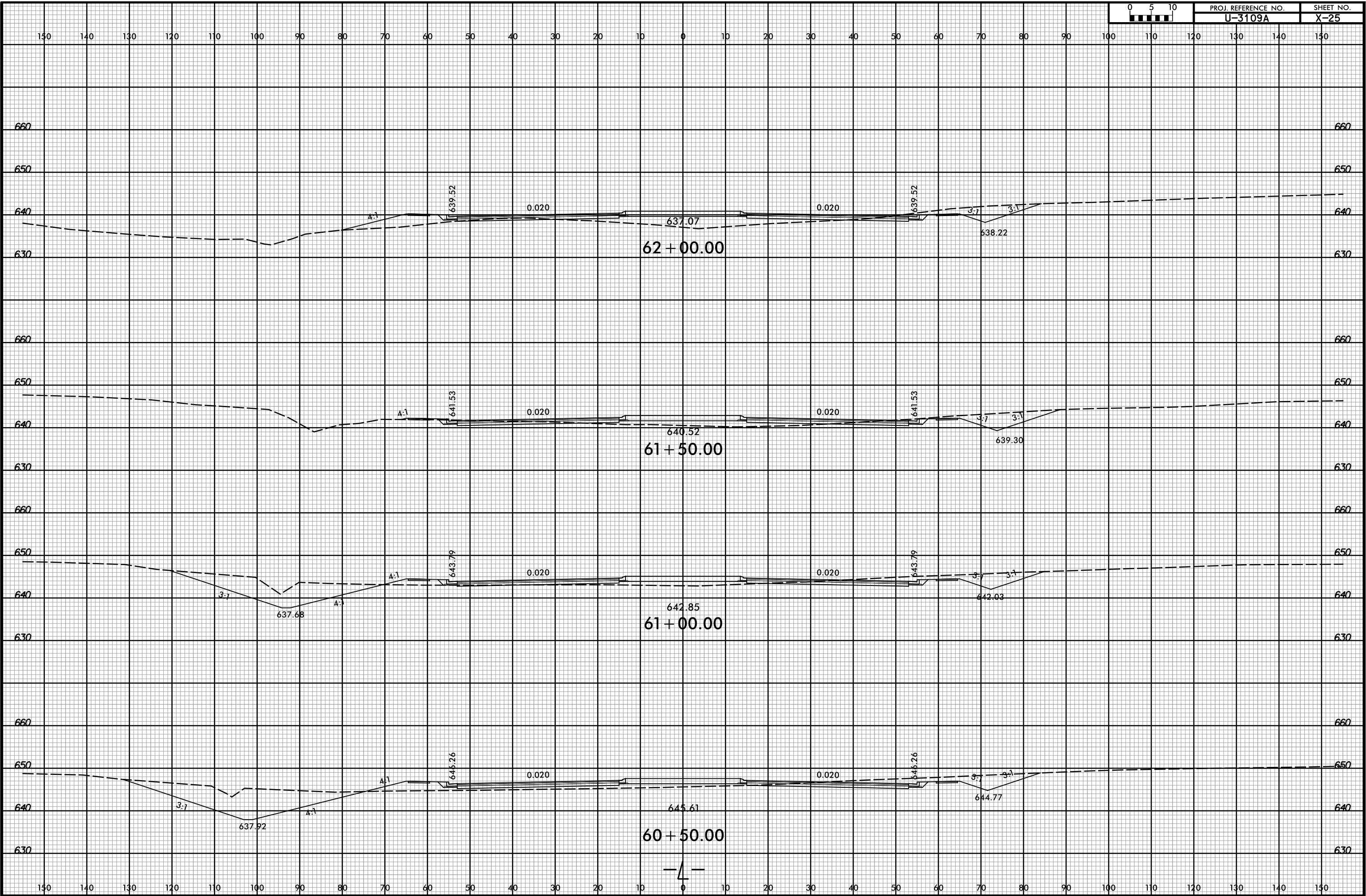










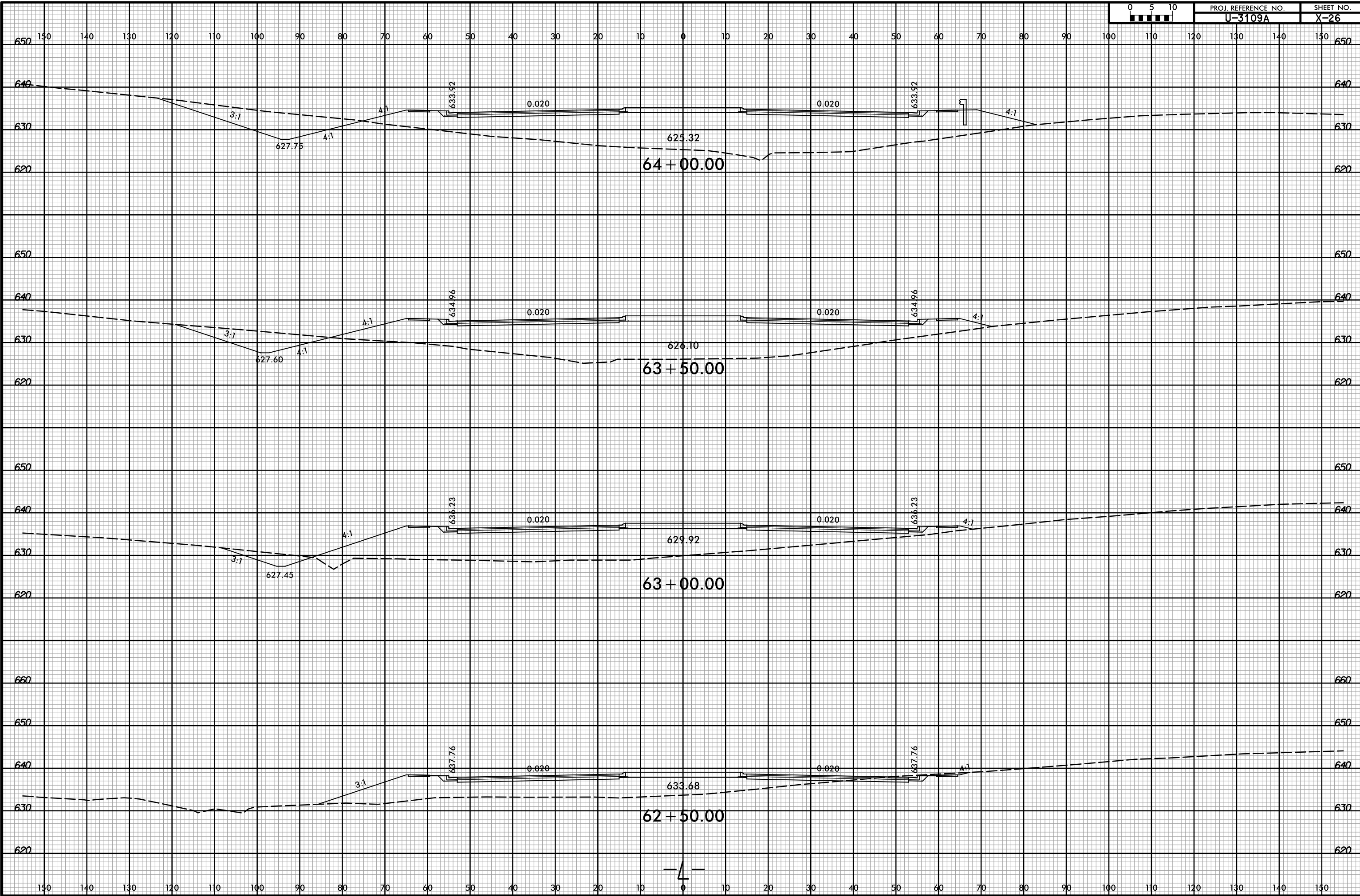


8/23/99

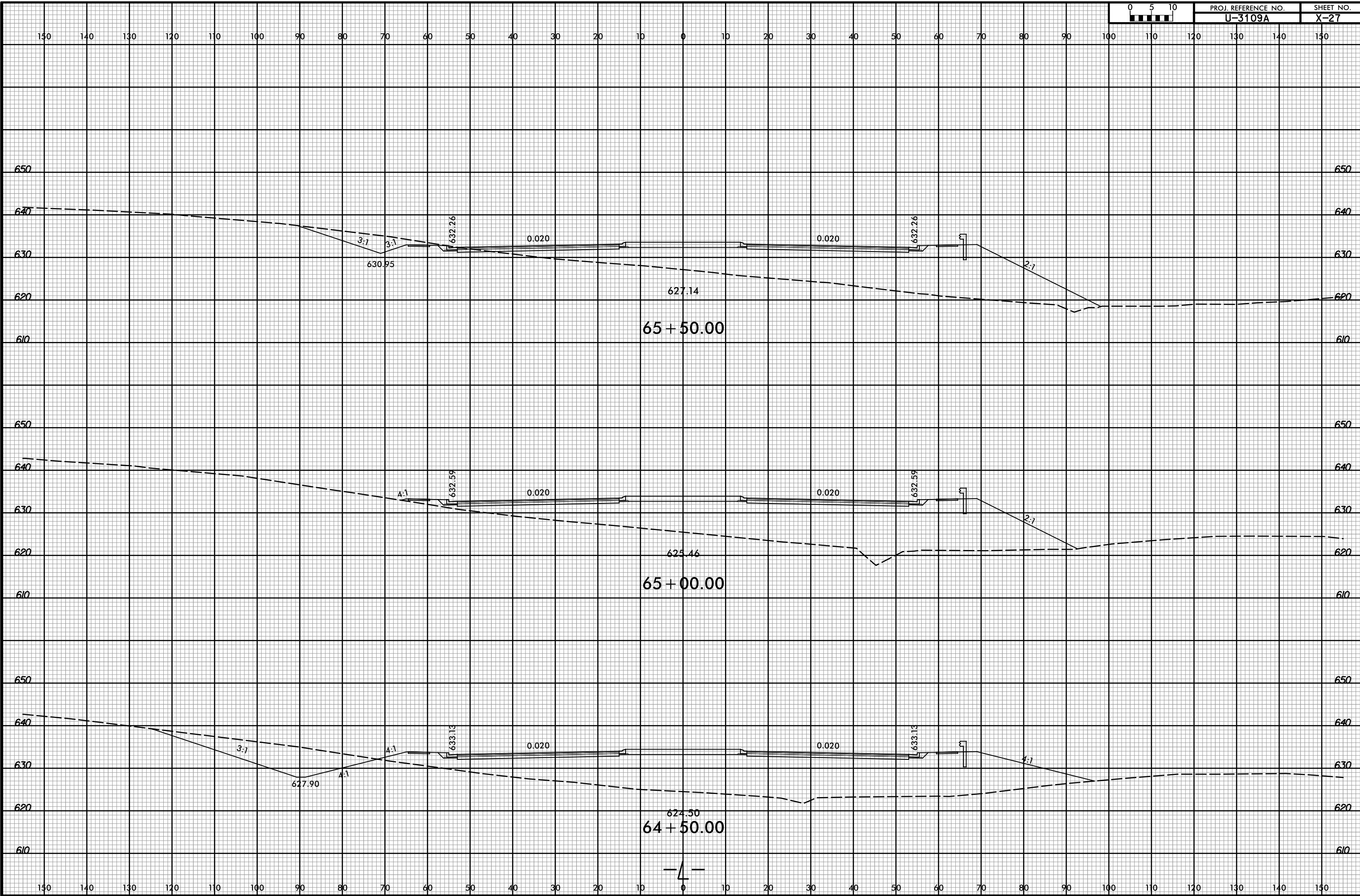


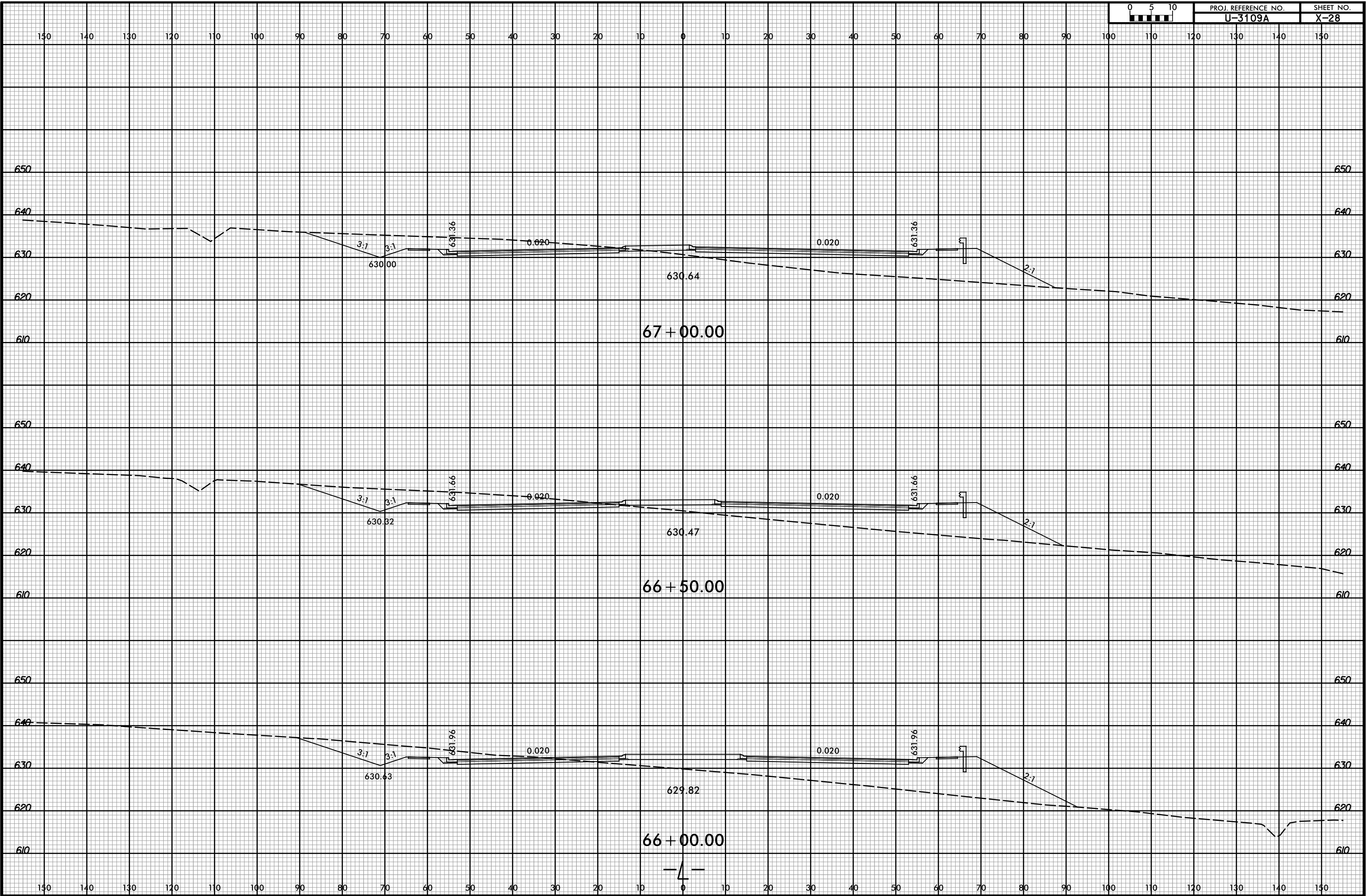
PROJ. REFERENCE NO.
U-3109A

SHEET NO.
X-26

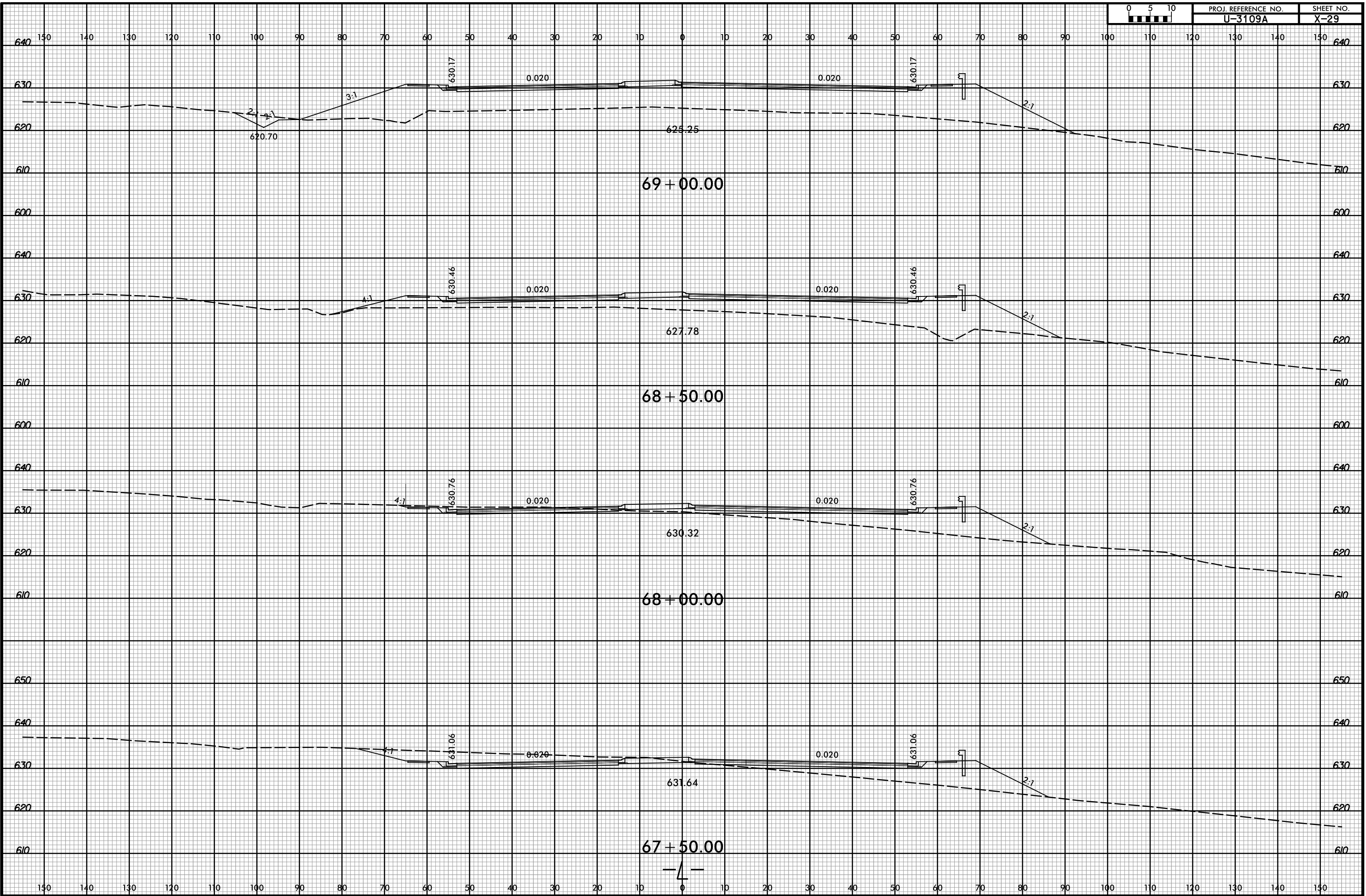


3/2/2017 10:42:58 AM
R:\Roadway\X3109A\3109A_Rdy_xpl.dgn
User: Todd.Buckner

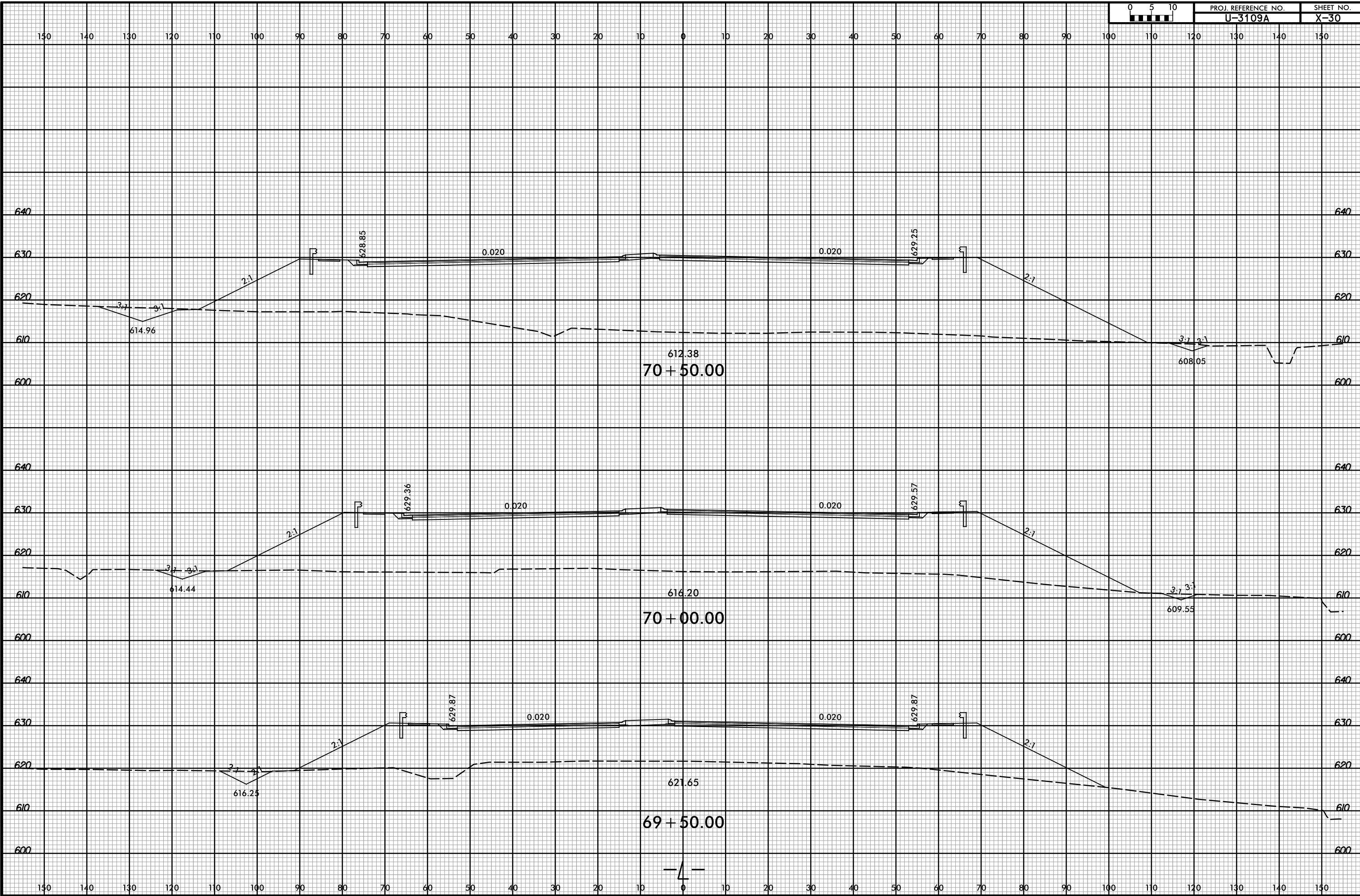




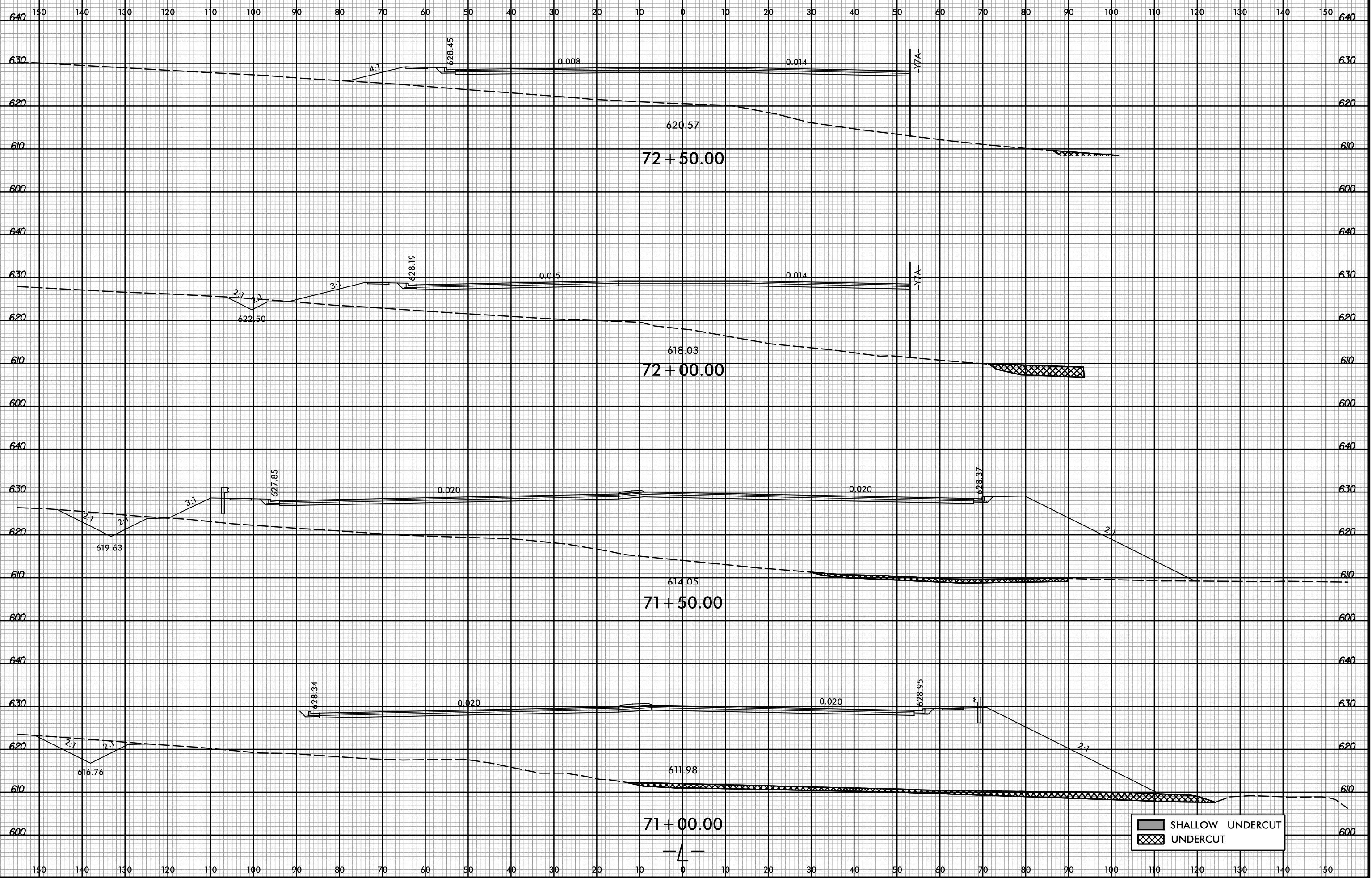
8/23/99



3/2/2017 10:42:59 AM
R:\Roadway\YSC\13109A_Rdy_xpl.dgn
User: Todd.Buckner



8/23/99



3/2/2017 10:43:00 AM
R:\Roadway\XSC\13109A_Rdy_xpl.dgn
User: Todd.Buckner

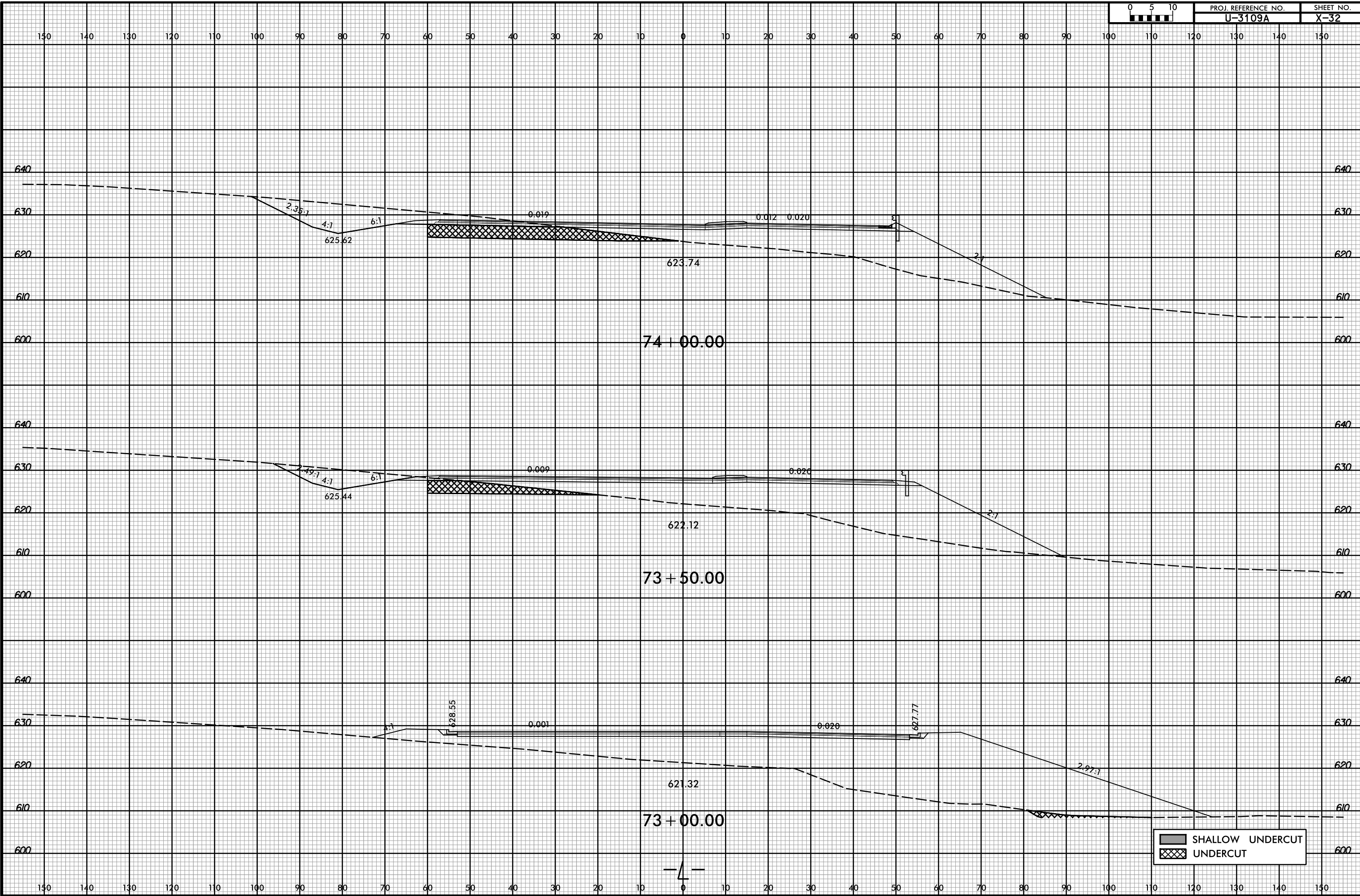
SHALLOW UNDERCUT
UNDERCUT

8/23/99

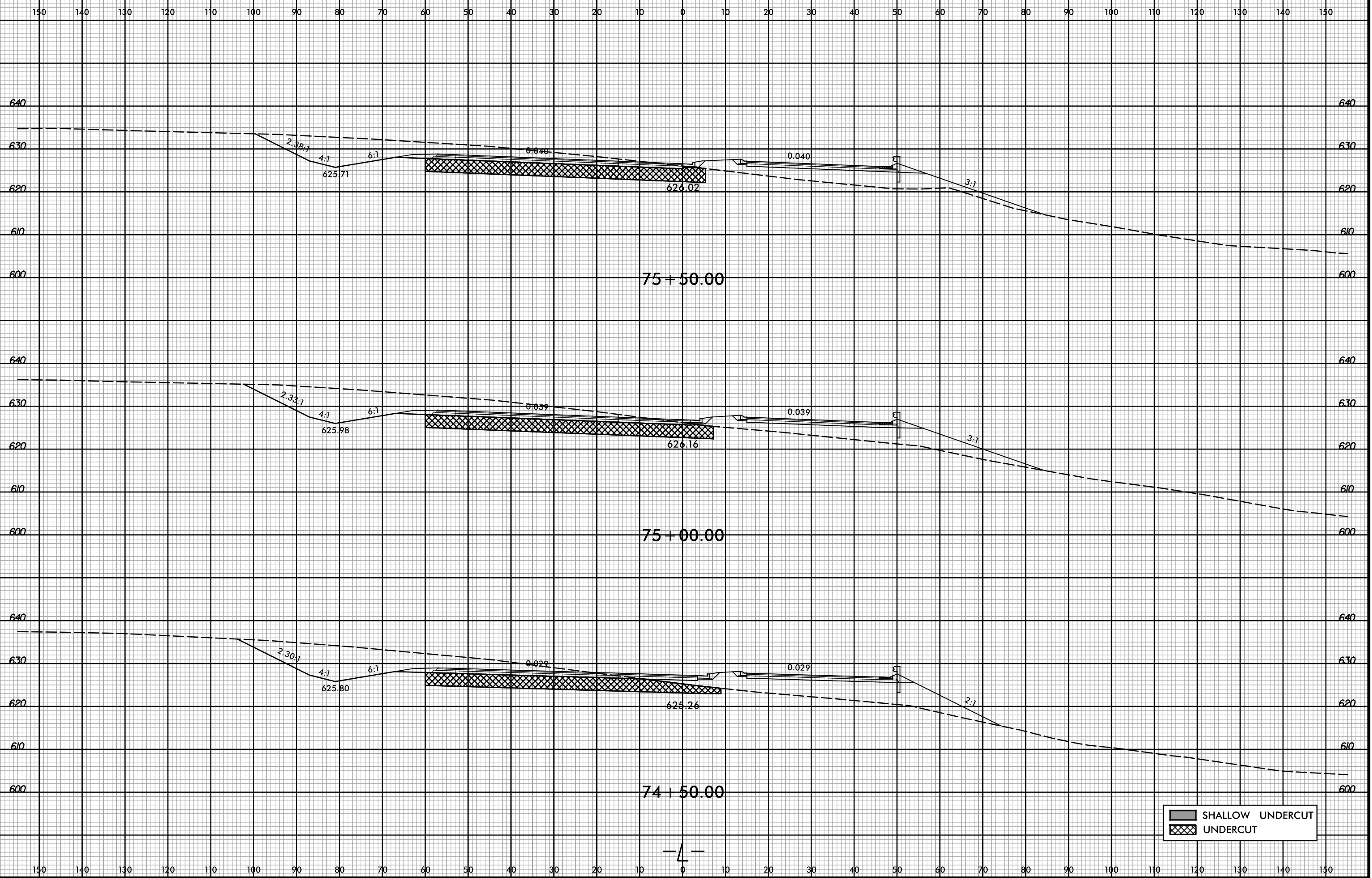


PROJ. REFERENCE NO.
U-3109A

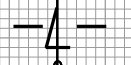
SHEET NO.
X-32

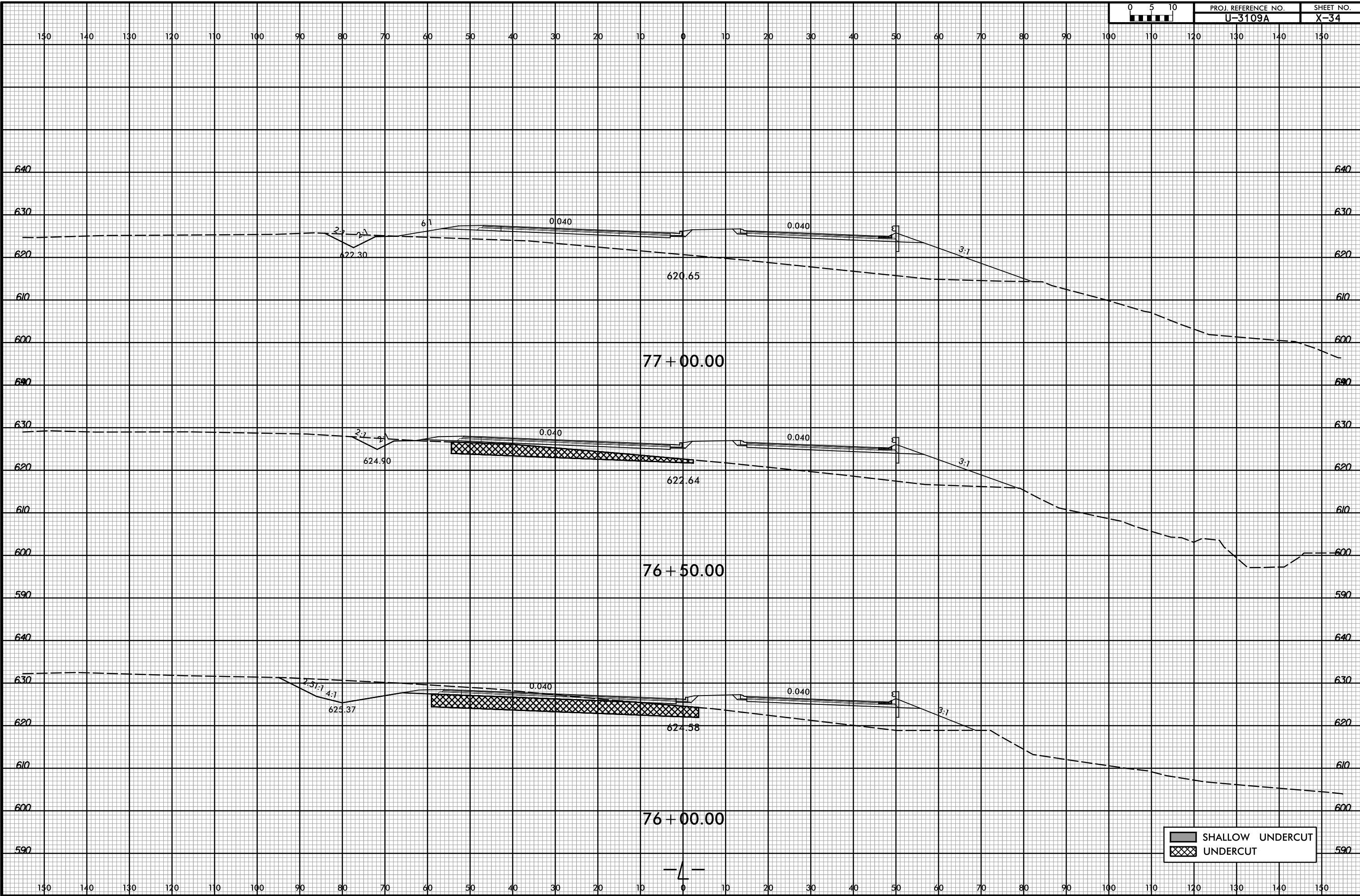


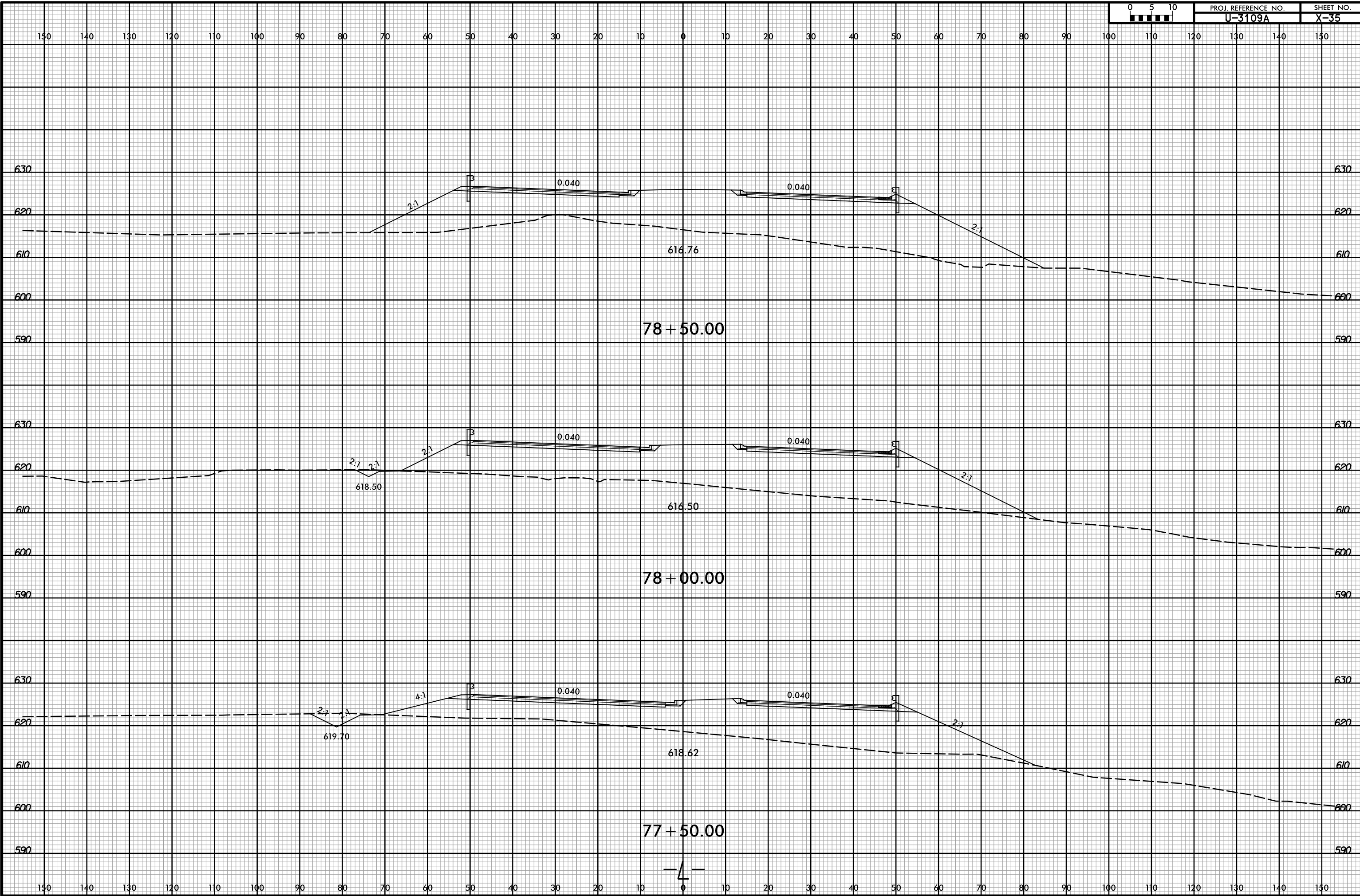
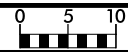
3/2/2017 10:43:00 AM
R:\Roadway\XSC\13109A_Rdy_xpl.dgn
User: Todd.Buckner

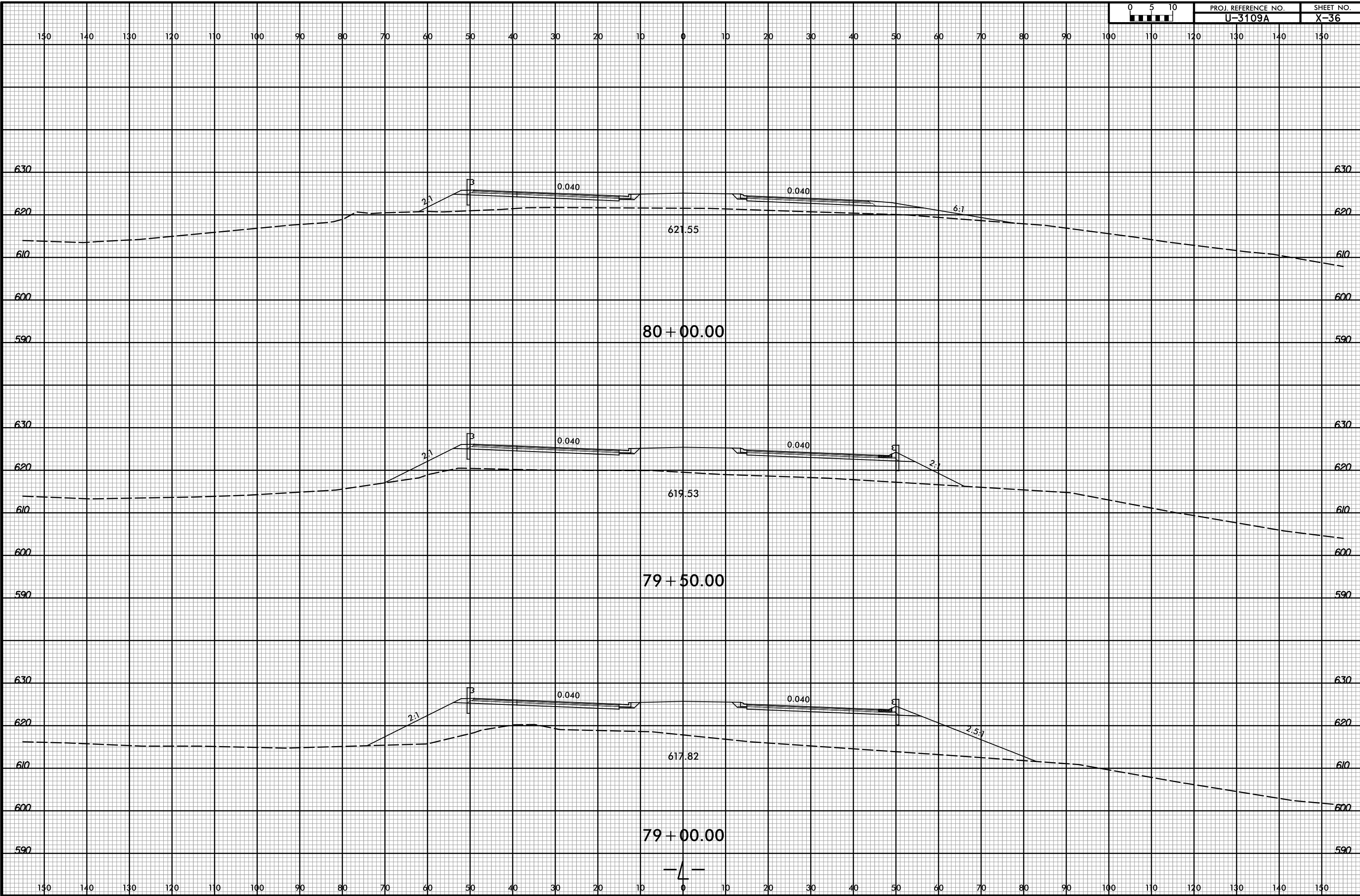


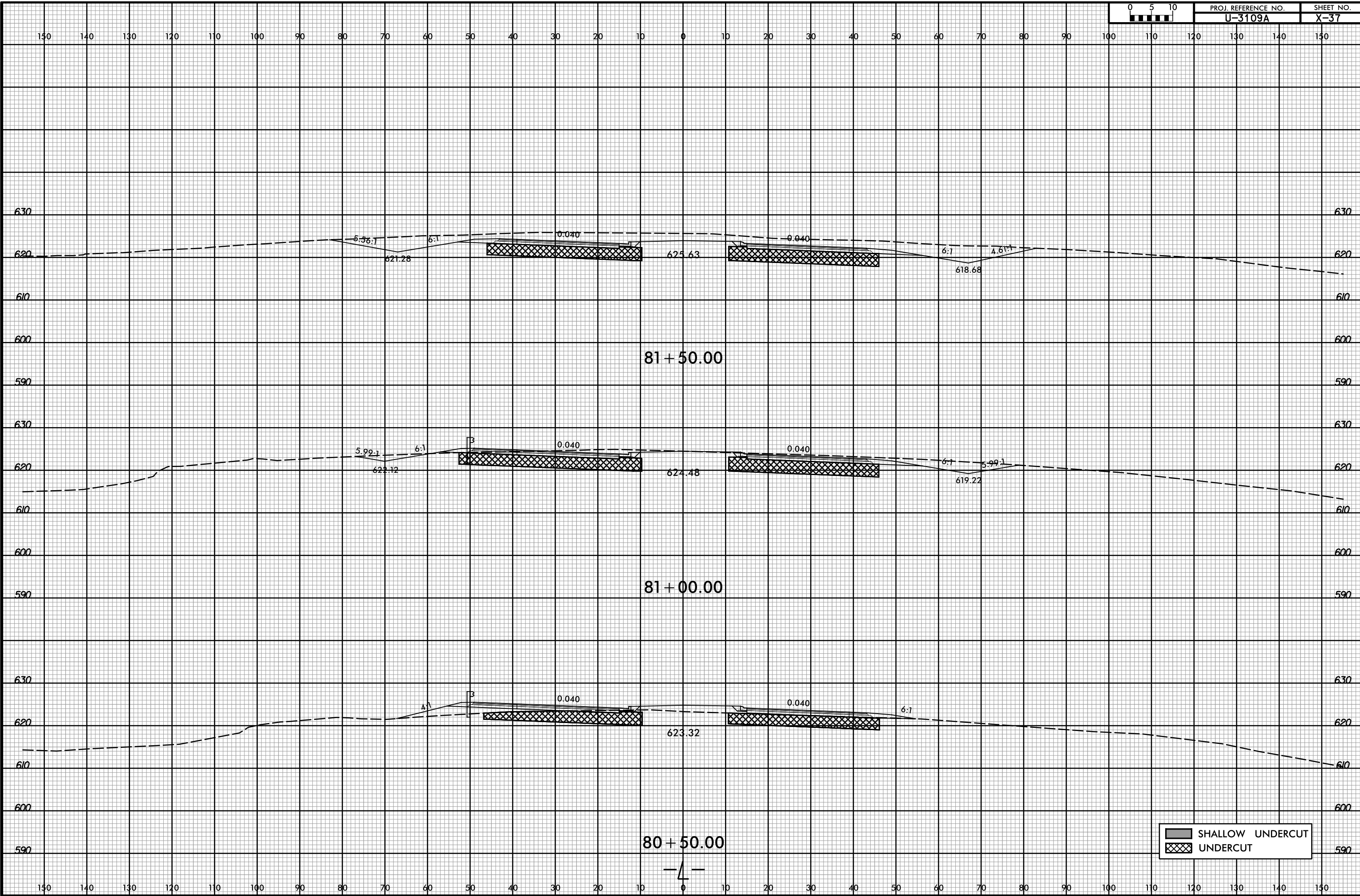
SHALLOW UNDERCUT
UNDERCUT



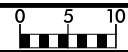




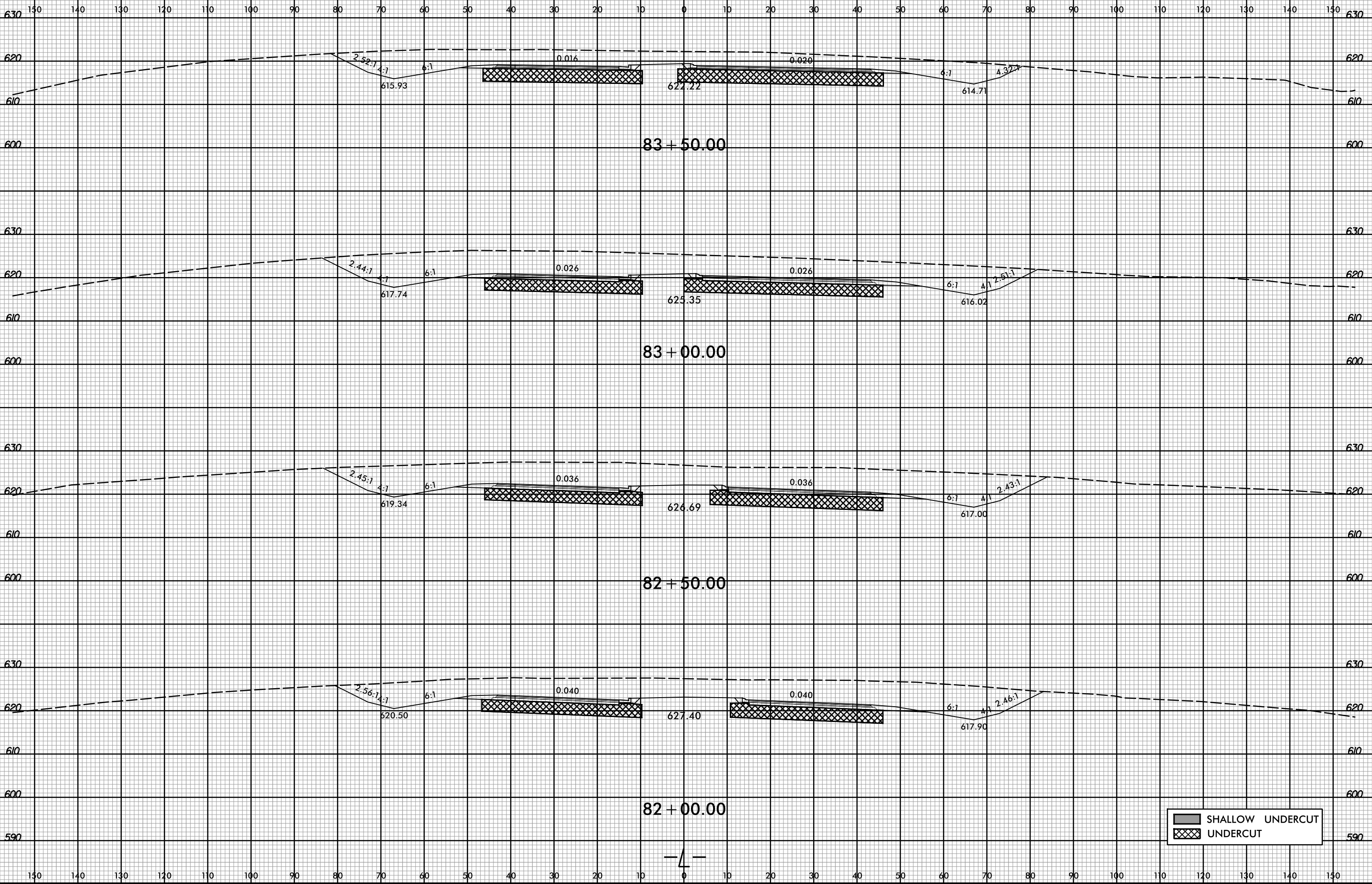




8/23/99



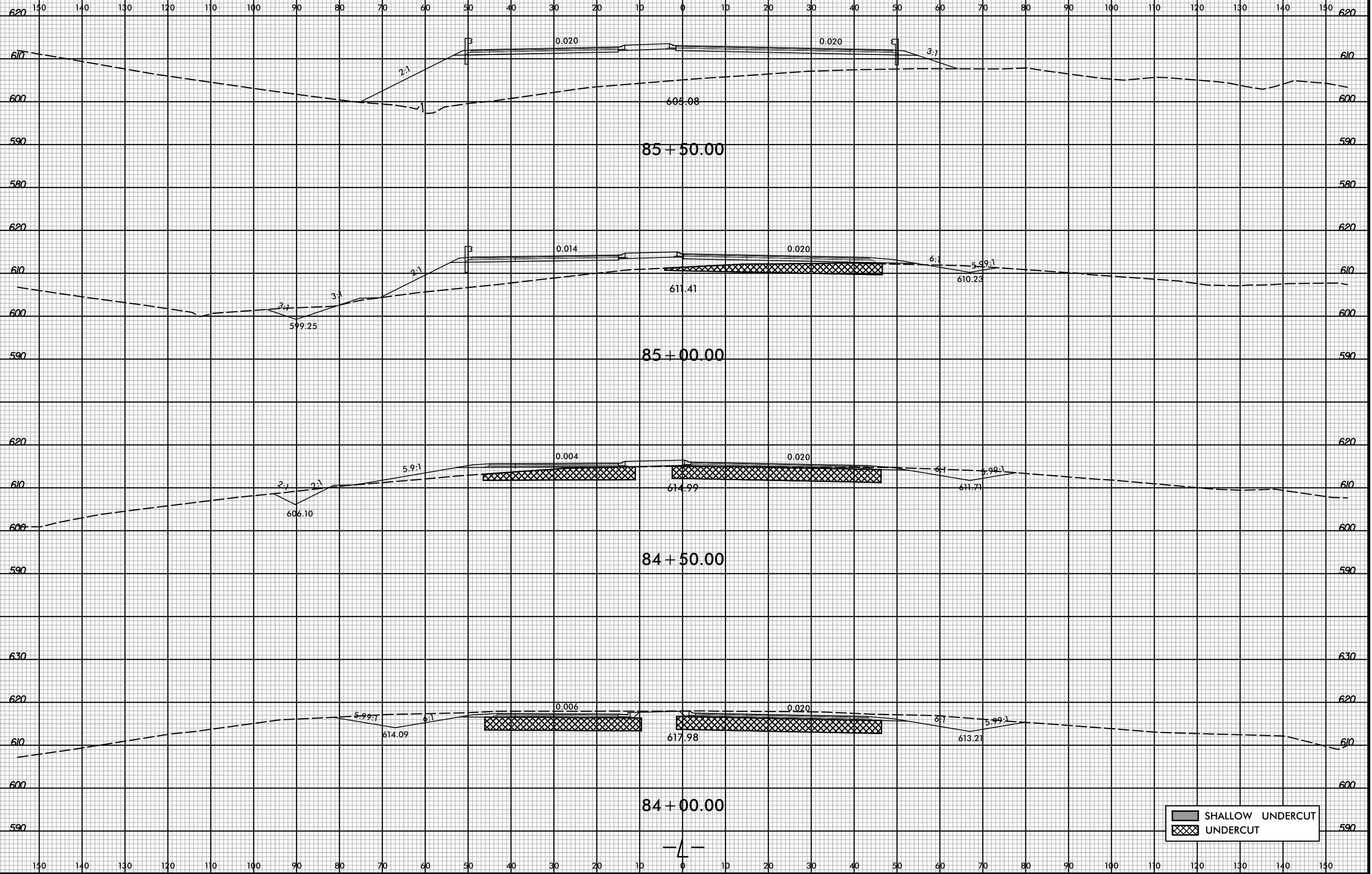
PROJ. REFERENCE NO. U-3109A SHEET NO. X-38



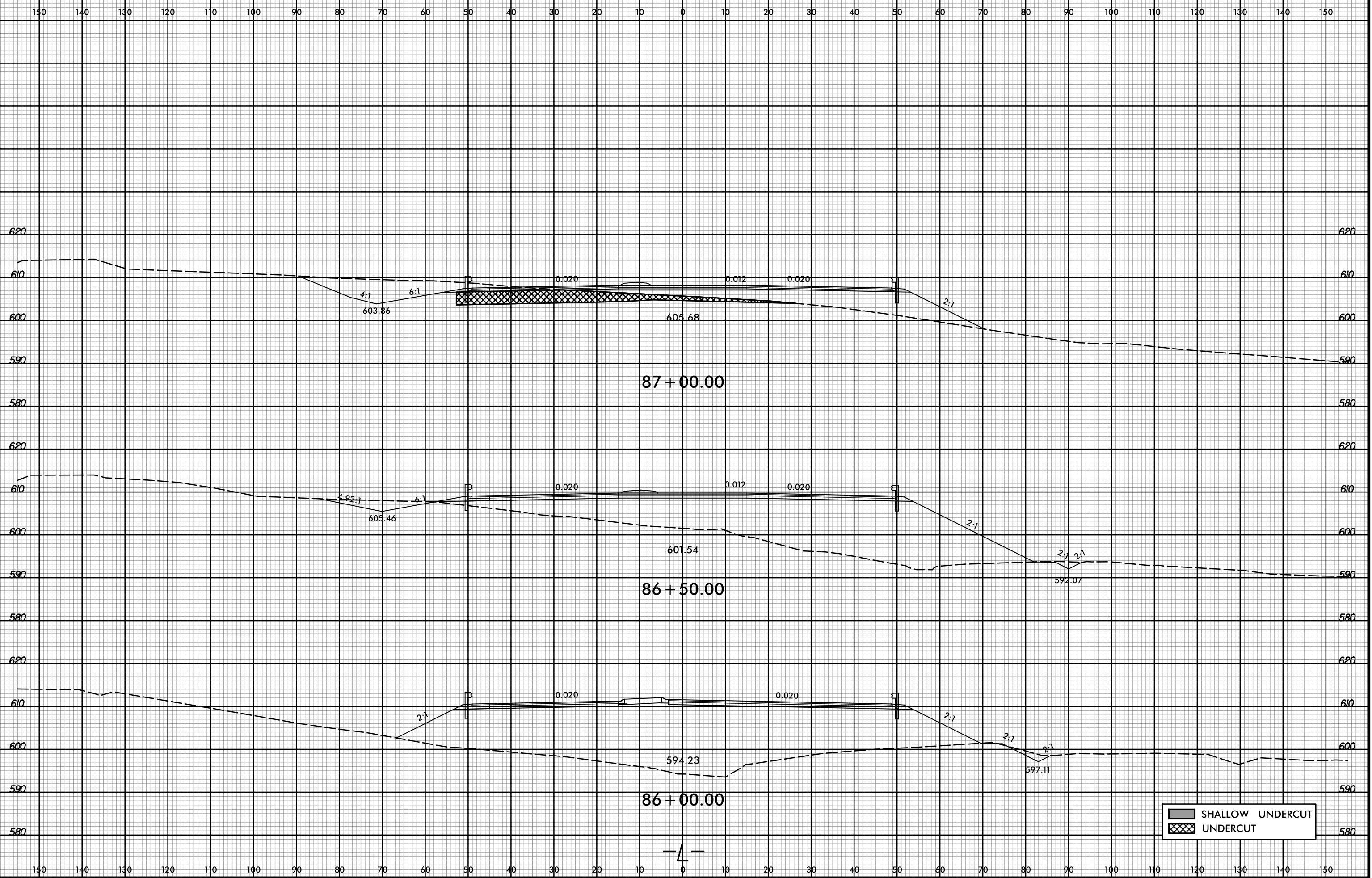
SHALLOW UNDERCUT
 UNDERCUT

3/2/2017 10:43:02 AM
R:\Roadway\XSC\13109A_Rdy_xpl.dgn
User: Todd.Buckner

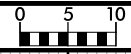
8/23/99



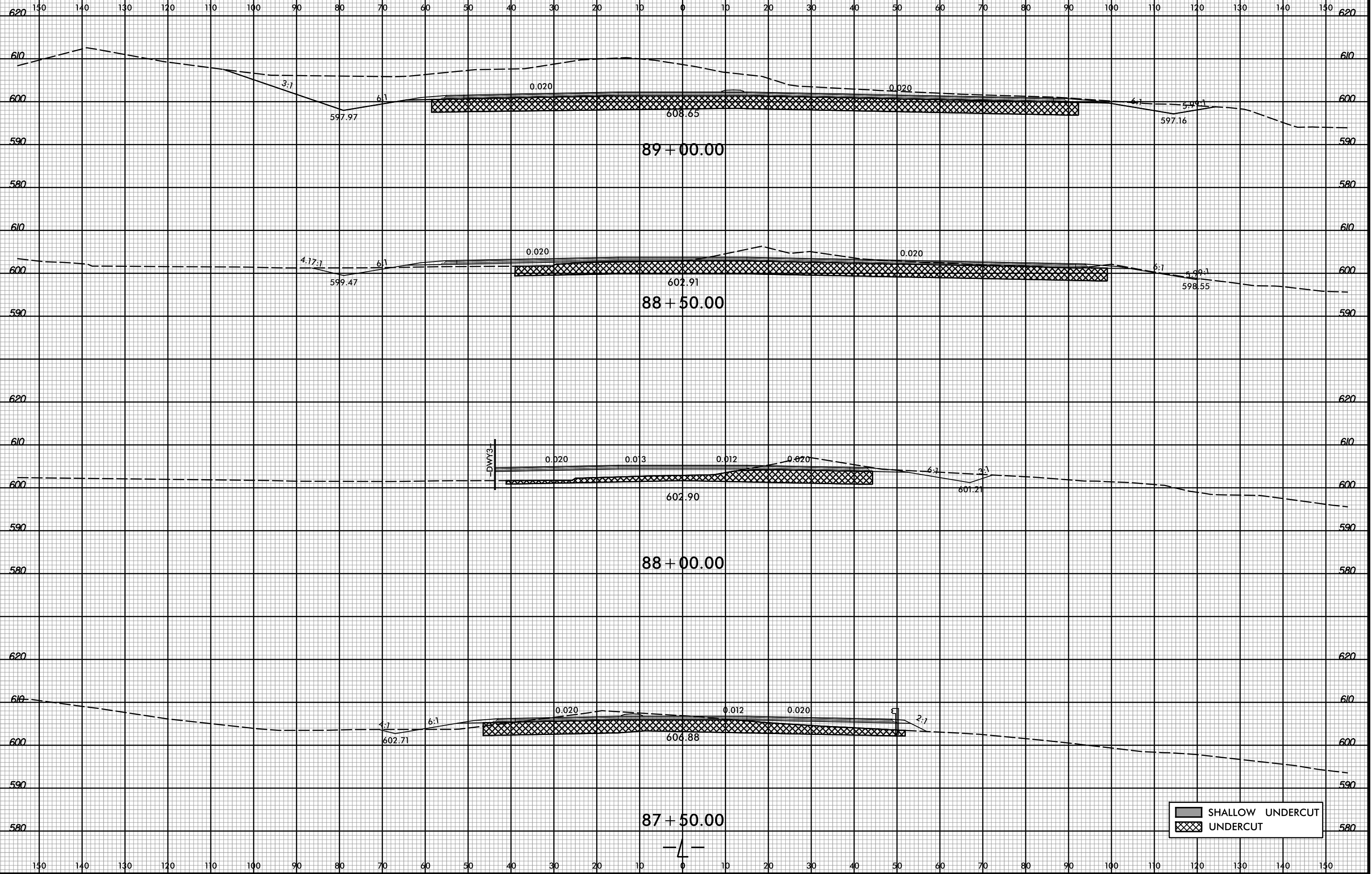
3/2/2017 10:43:03 AM
R:\Roadway\XSC\13109A_Rdy_xpl.dgn
User: Todd.Buckner



8/23/99



PROJ. REFERENCE NO. U-3109A SHEET NO. X-41



SHALLOW UNDERCUT UNDERCUT

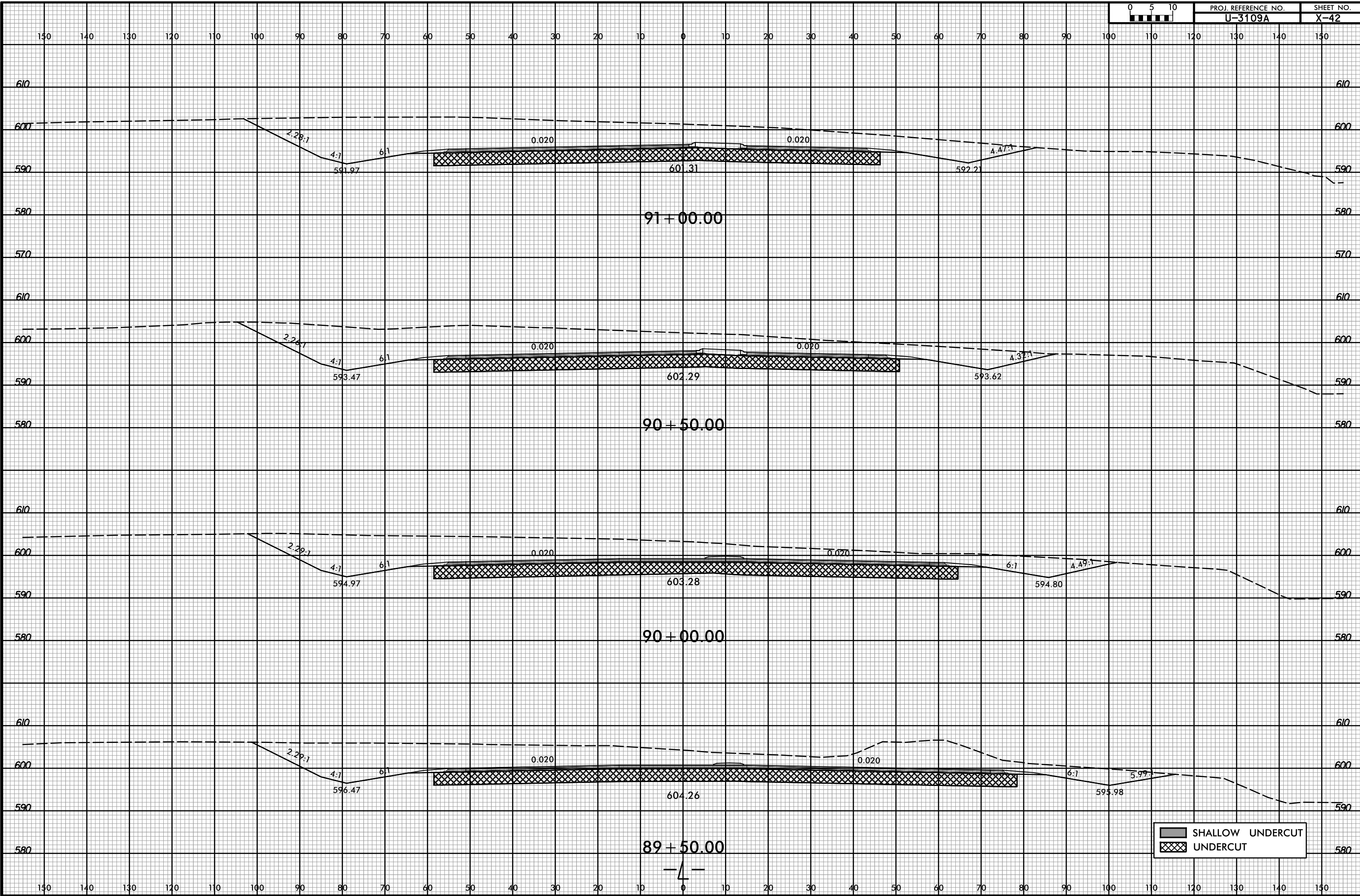
3/2/2017 10:43:04 AM R:\Roadway\XSC\U3109A_Rdy_xpl.dgn USR: Todd.Buckner

8/23/99



PROJ. REFERENCE NO.
U-3109A

SHEET NO.
X-42



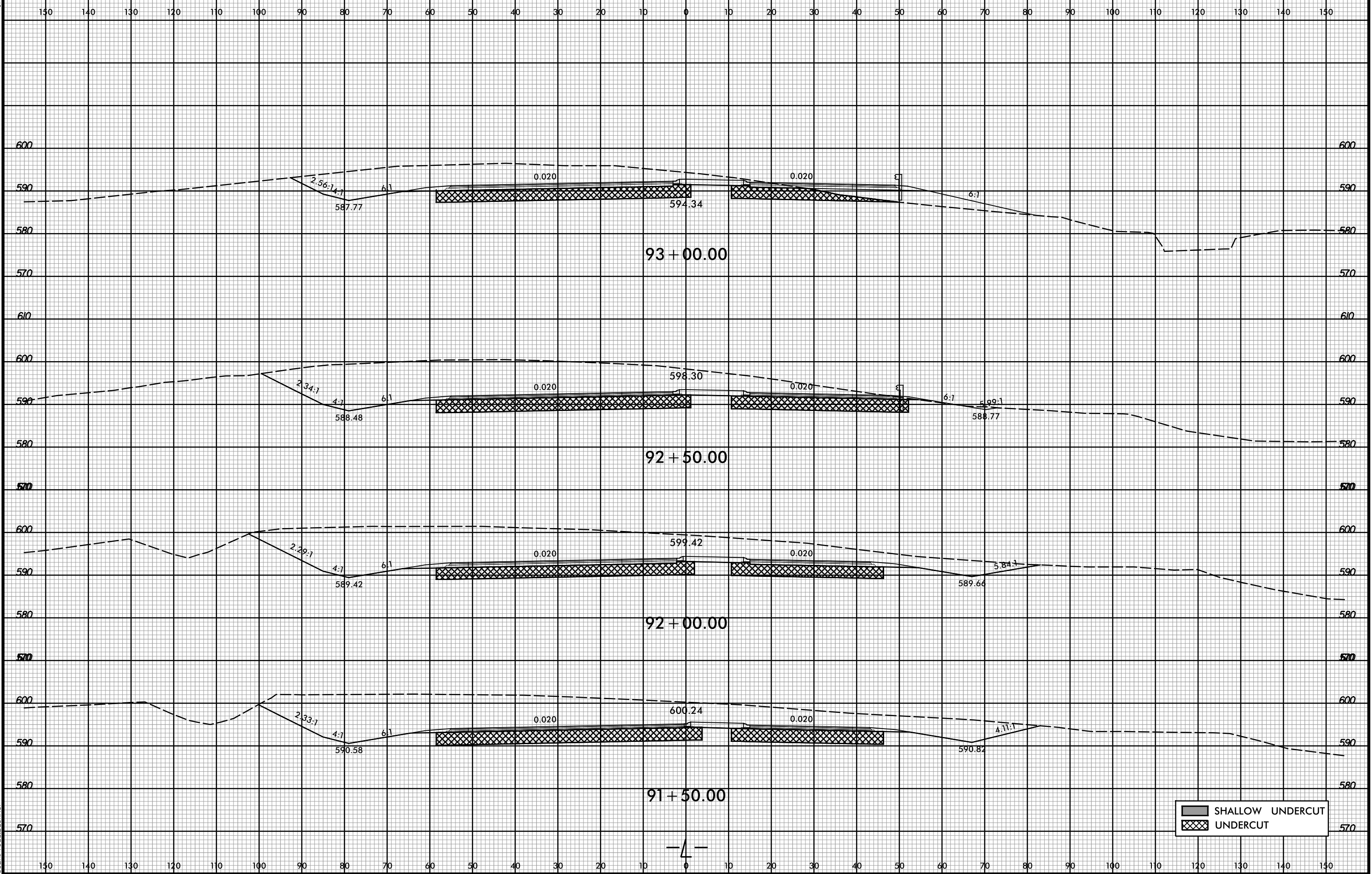
3/2/2017 10:43:04 AM
R:\Roadway\XSC\U3109A_Rdy_xpl.dgn
User: Todd.Buckner



| | |
|--|------------------|
| | SHALLOW UNDERCUT |
| | UNDERCUT |

8/23/99



PROJ. REFERENCE NO. U-3109A SHEET NO. X-43



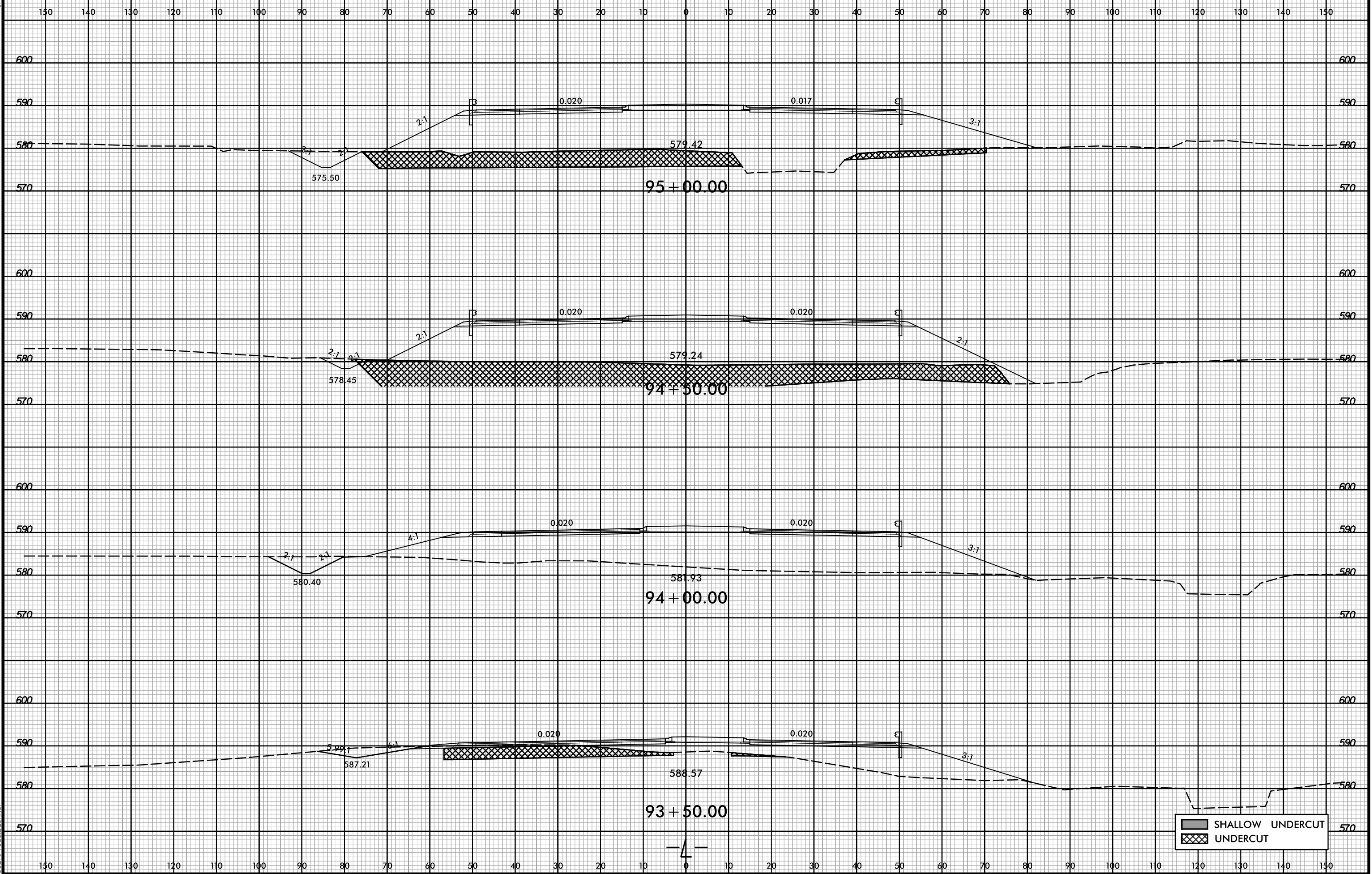
 SHALLOW UNDERCUT
 UNDERCUT

3/2/2017 10:43:05 AM
R:\Roadway\XSC\13109A_Rdy_xpl.dgn
User: Todd.Buckner

8/23/99



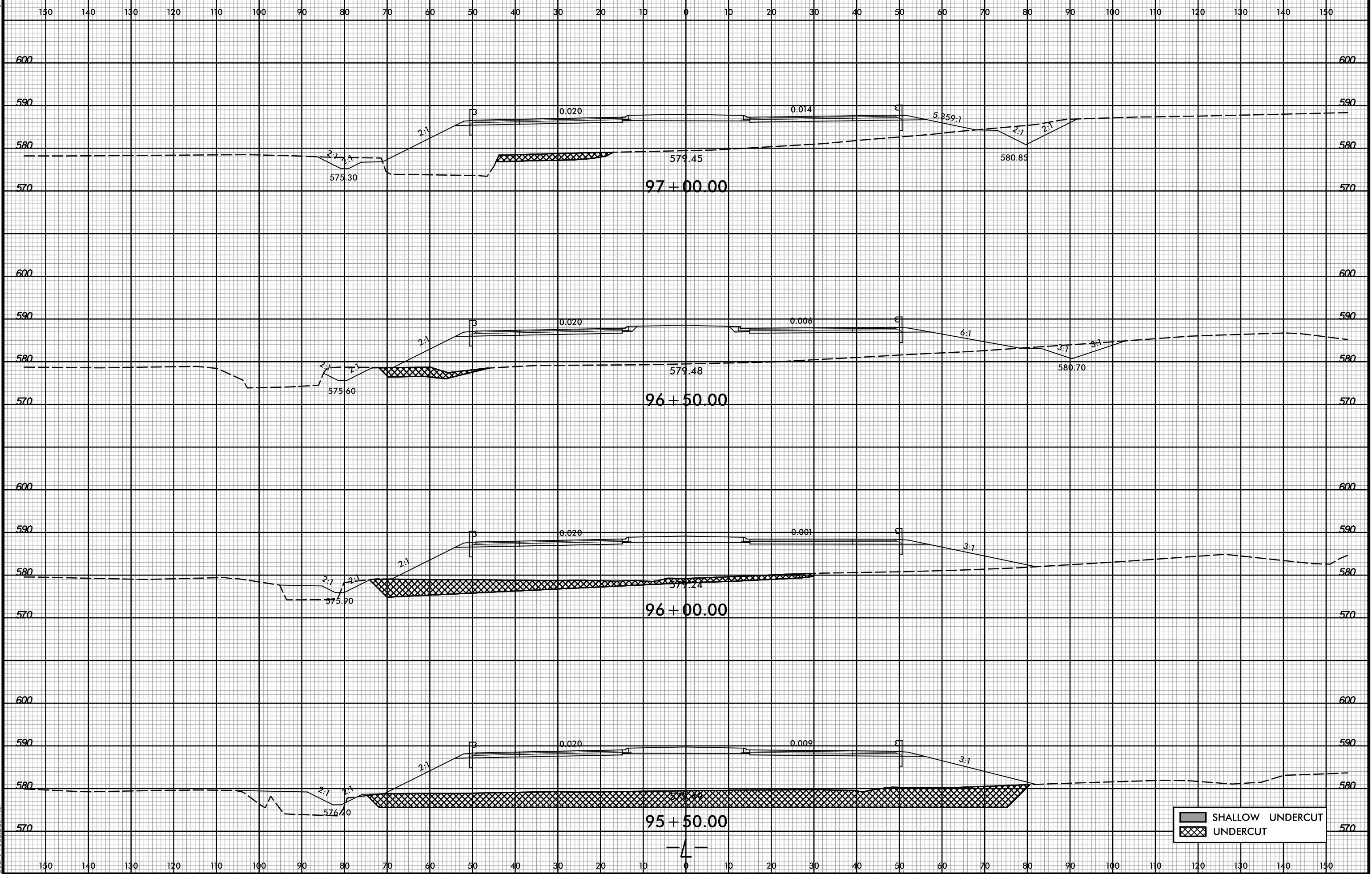
PROJ. REFERENCE NO. U-3109A SHEET NO. X-44



3/2/2017 10:43:05 AM
R:\Roadway\XSC\13109A_Rdy_xp1.dgn
User: Todd.Buckner

SHALLOW UNDERCUT
UNDERCUT

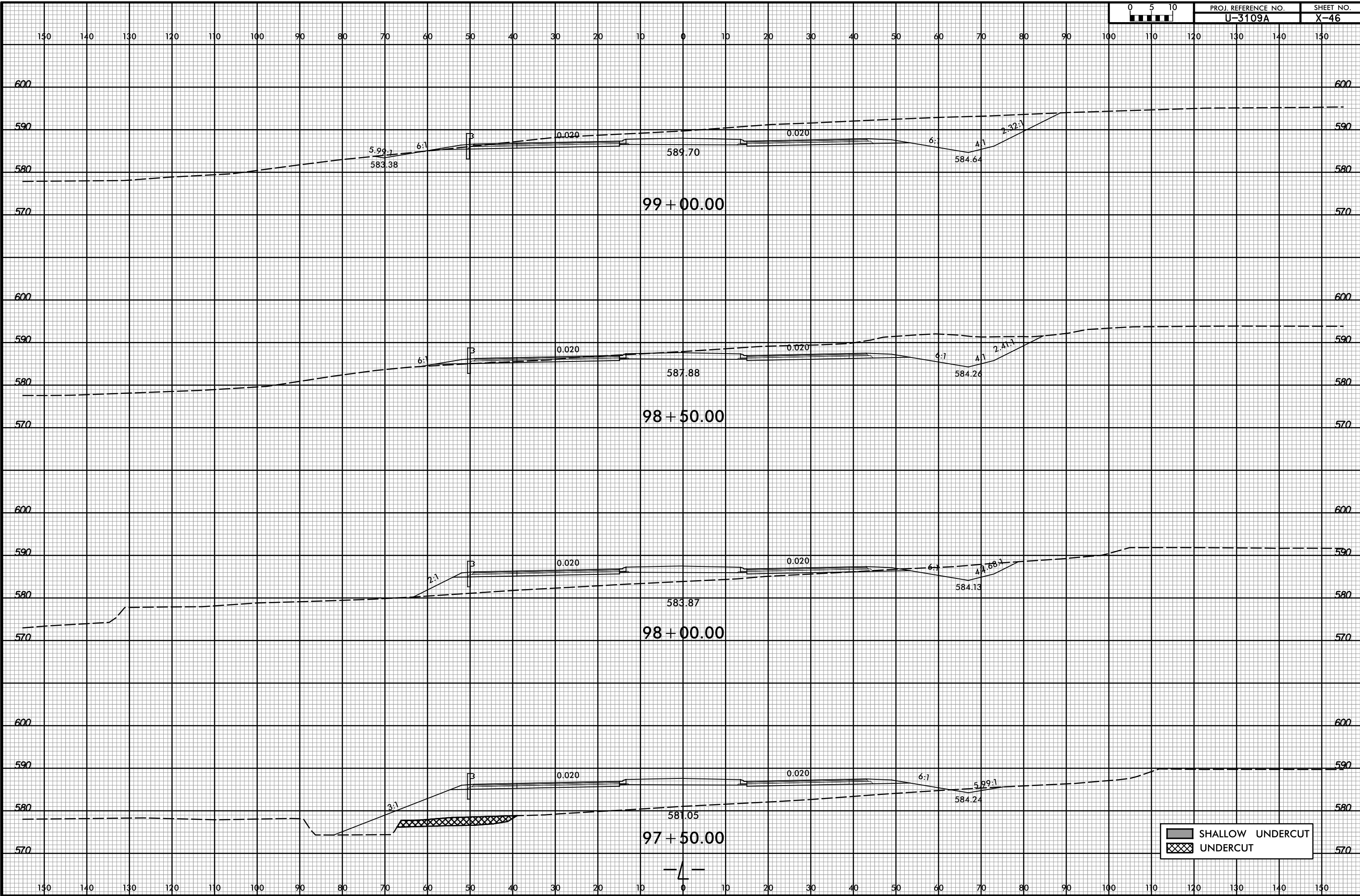
8/23/99



SHALLOW UNDERCUT
 UNDERCUT

3/2/2017 10:43:05 AM
 R:\Roadway\XSC\13109A_Rdy_xpl.dgn
 User: Todd.Buckner

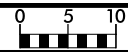
8/23/99



3/2/2017 10:43:06 AM
R:\Roadway\XSCA\13109A_Rdy_xpl.dgn
User: Todd.Buckner

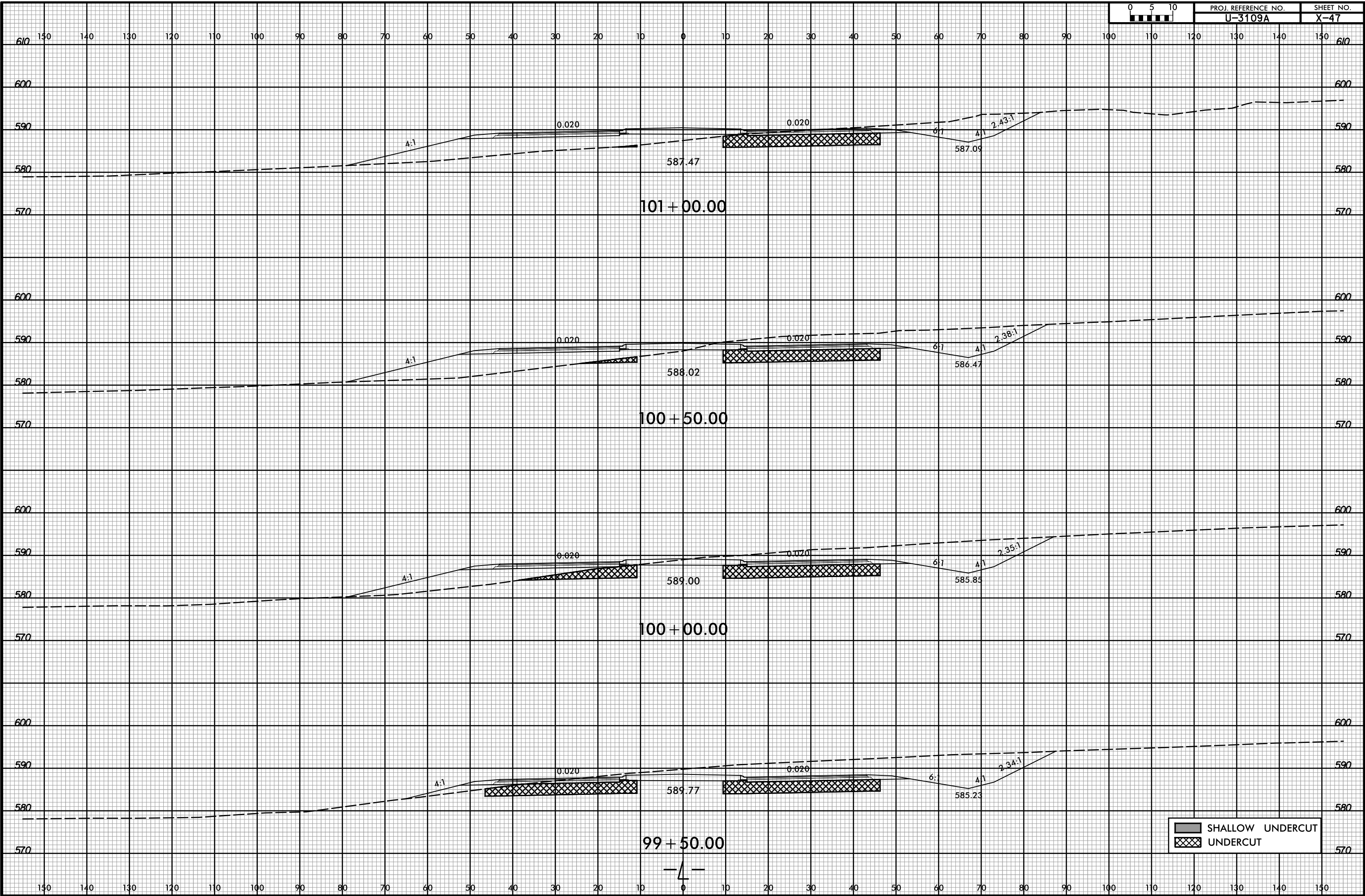
| | |
|--|------------------|
| | SHALLOW UNDERCUT |
| | UNDERCUT |

8/23/99



PROJ. REFERENCE NO.
U-3109A

SHEET NO.
X-47

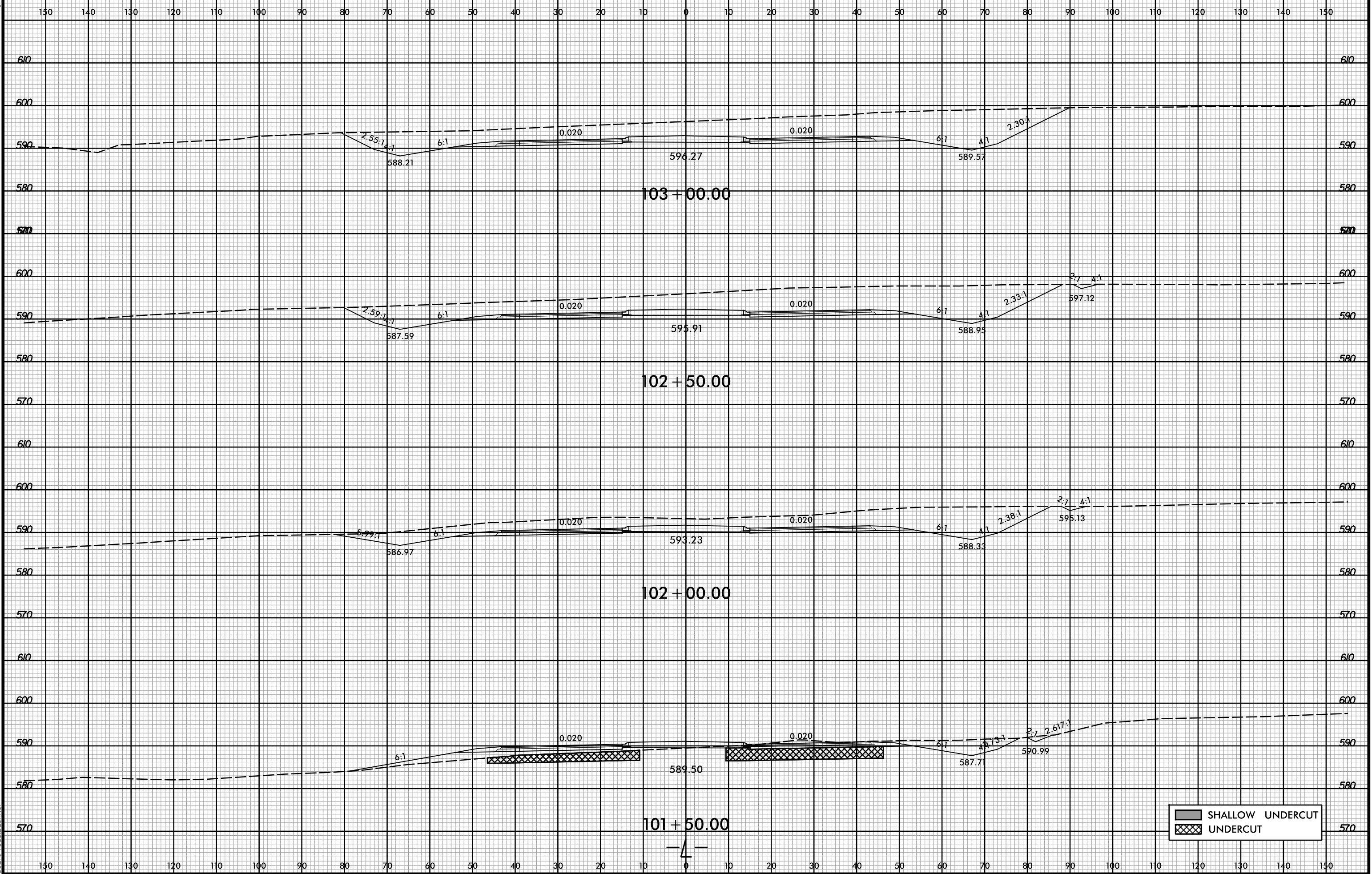



3/2/2017 10:43:06 AM
R:\Roadway\XSCA\13109A_Rdy_xp1.dgn
USER: Todd.Buckner

8/23/99



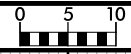
PROJ. REFERENCE NO. U-3109A SHEET NO. X-48



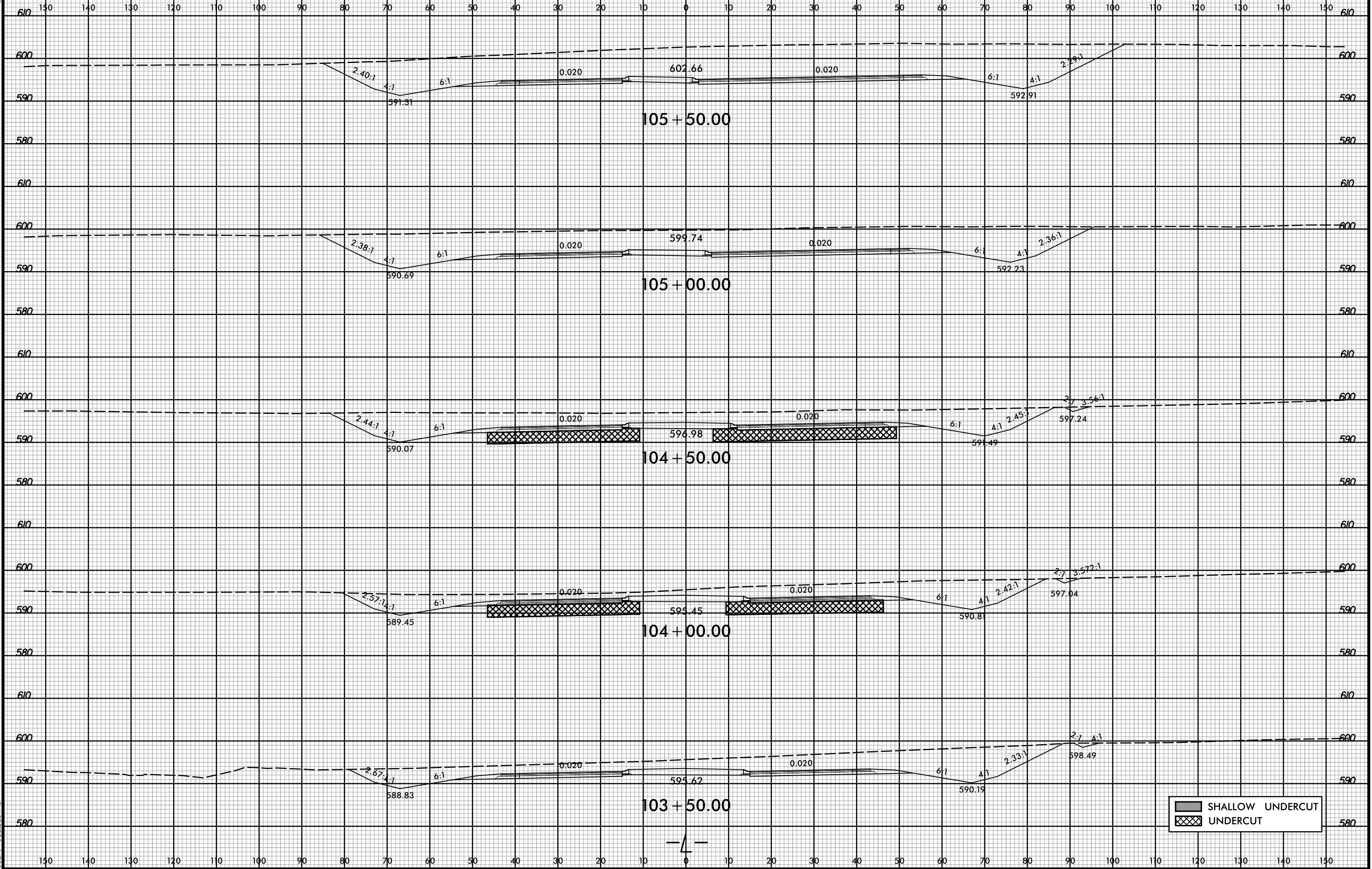
 SHALLOW UNDERCUT
 UNDERCUT



3/2/2017 10:43:07 AM
R:\Roadway\XSC\113109A_Rdy_xp1.L.dgn
User: Todd.Buckner

8/23/99



PROJ. REFERENCE NO. U-3109A SHEET NO. X-49



 SHALLOW UNDERCUT
 UNDERCUT

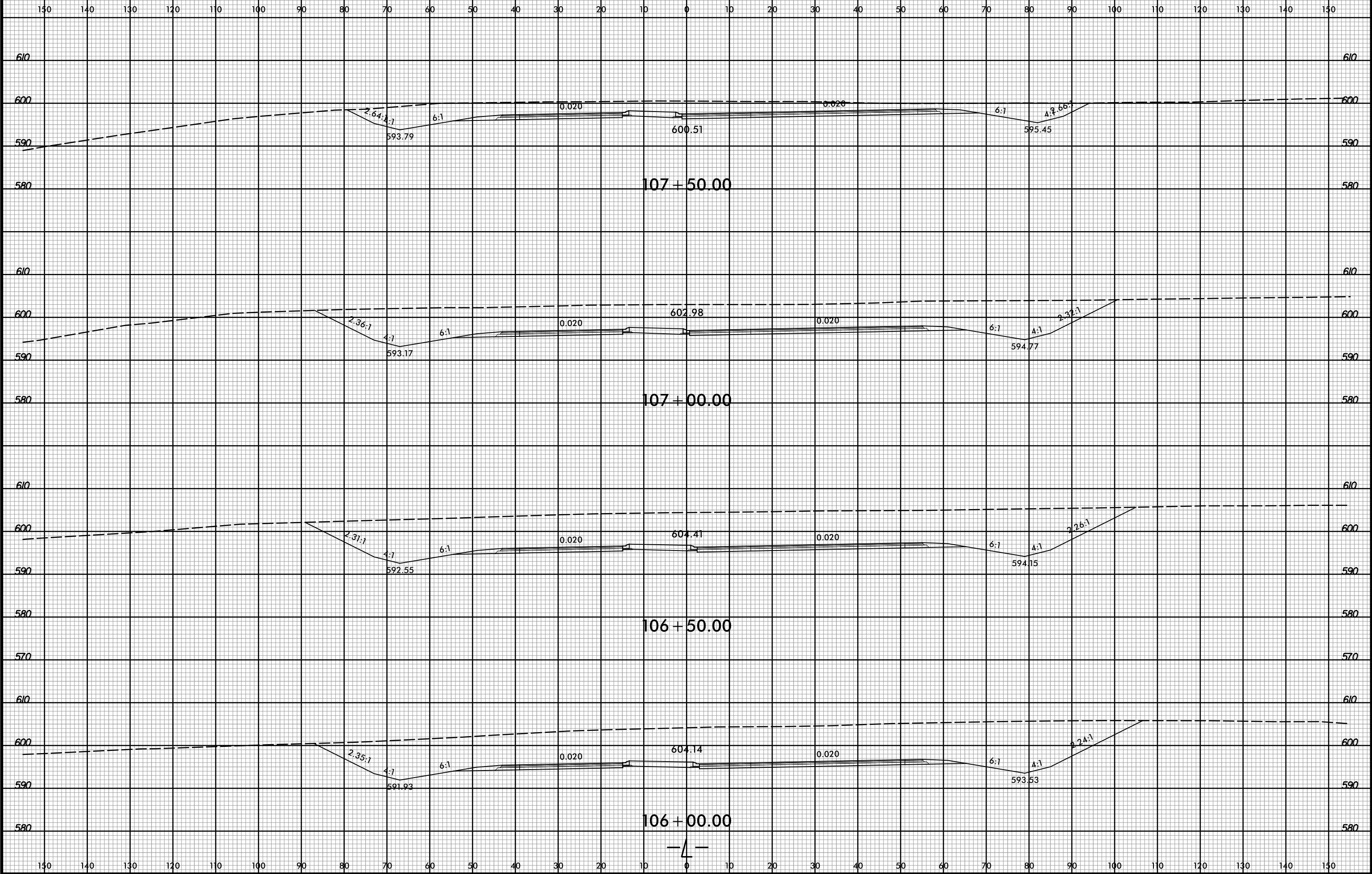
3/2/2017 10:43:07 AM
R:\Roadway\XSC\113109A_Rdy_xpl.dgn
User: Todd.Buckner

8/23/99



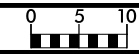
PROJ. REFERENCE NO.
U-3109A

SHEET NO.
X-50



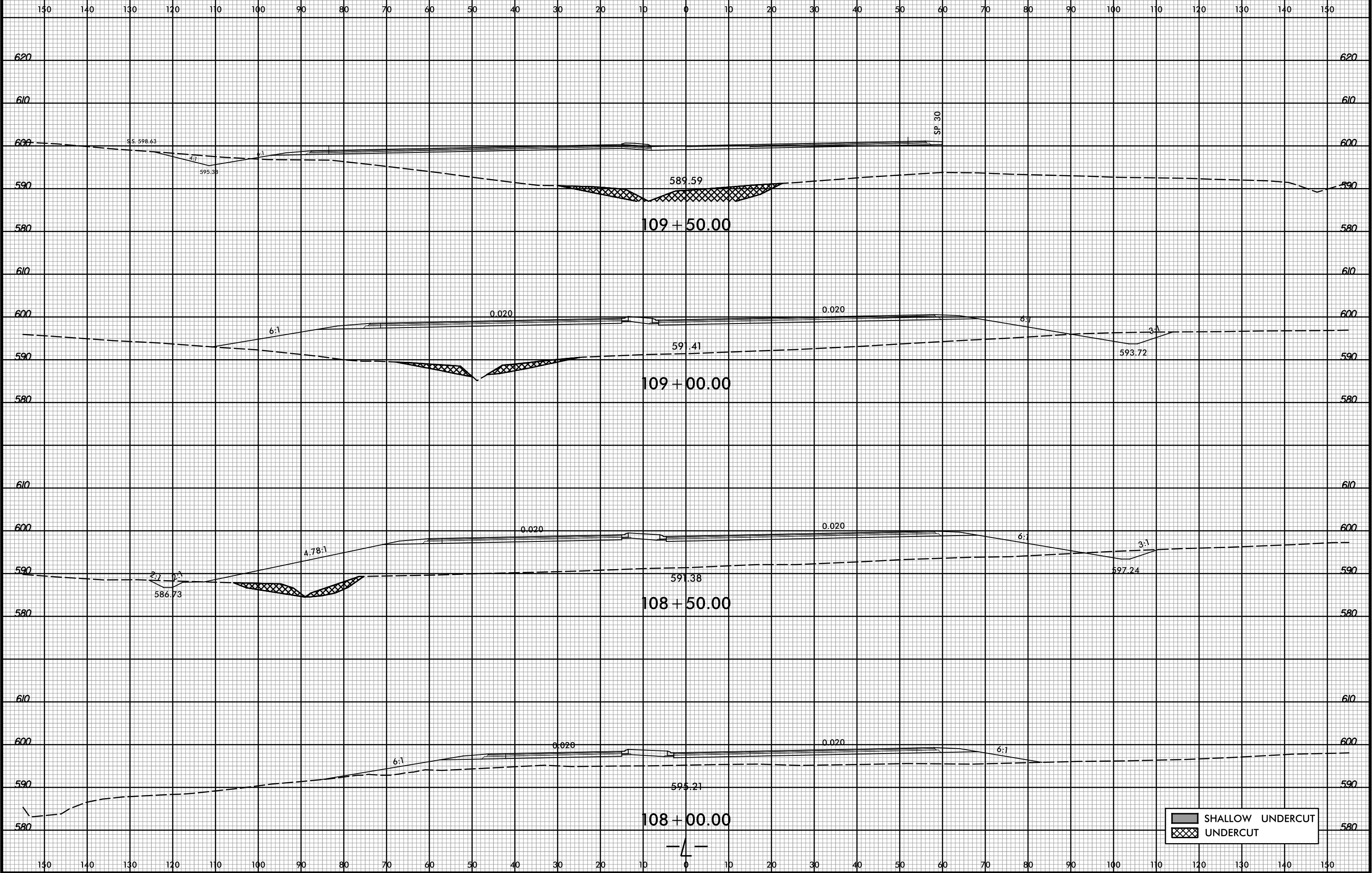
3/2/2017 10:43:07 AM
R:\Roadway\XSC\13109A_Rdy_xpl.dgn
User: Todd.Buckner

8/23/99



PROJ. REFERENCE NO. U-3109A

SHEET NO. X-51

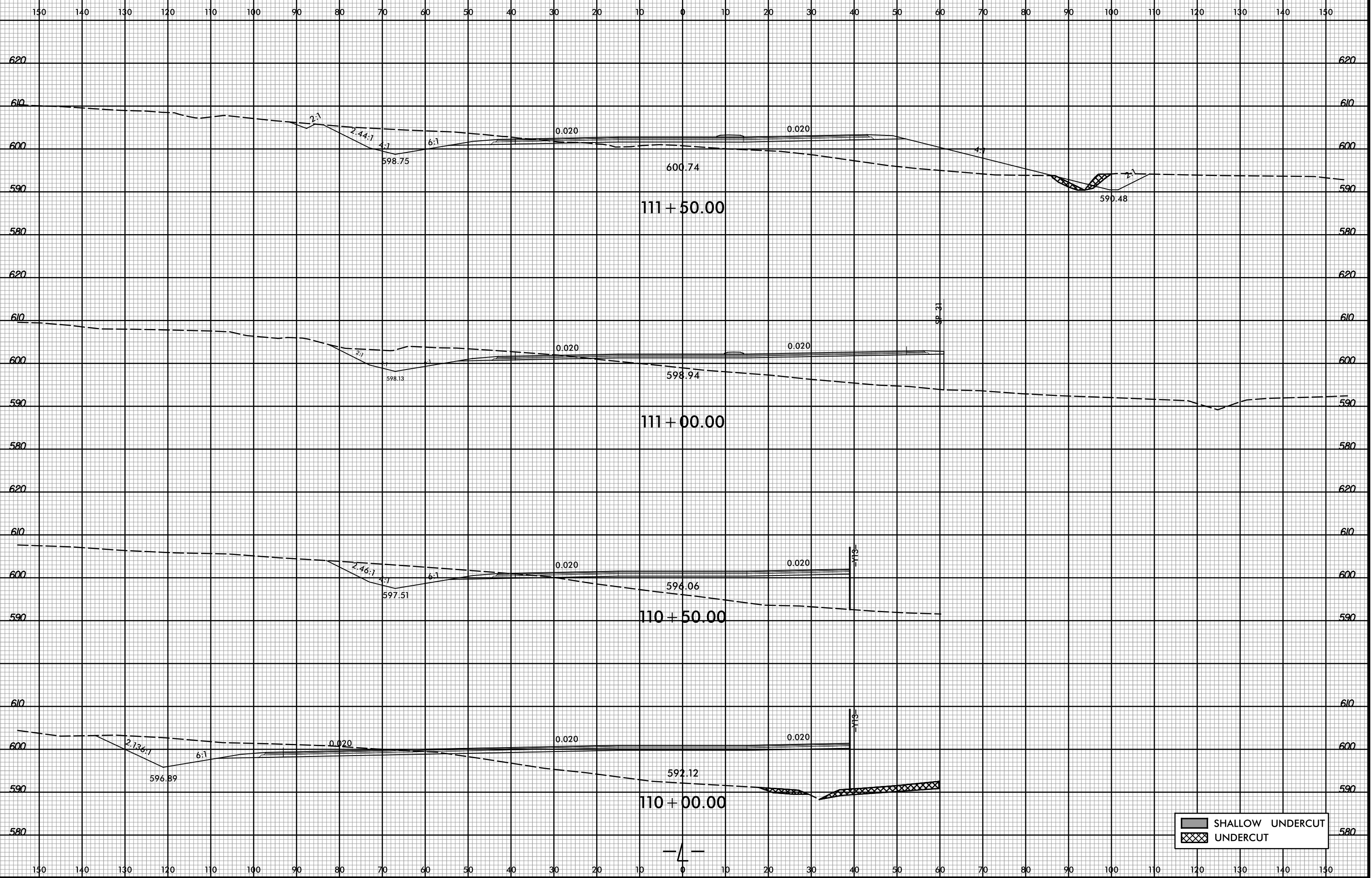


3/2/2017 10:43:08 AM
R:\Roadway\XSC\13109A_Rdy_xpl.dgn
User: Todd.Buckner

8/23/99



PROJ. REFERENCE NO. U-3109A SHEET NO. X-52

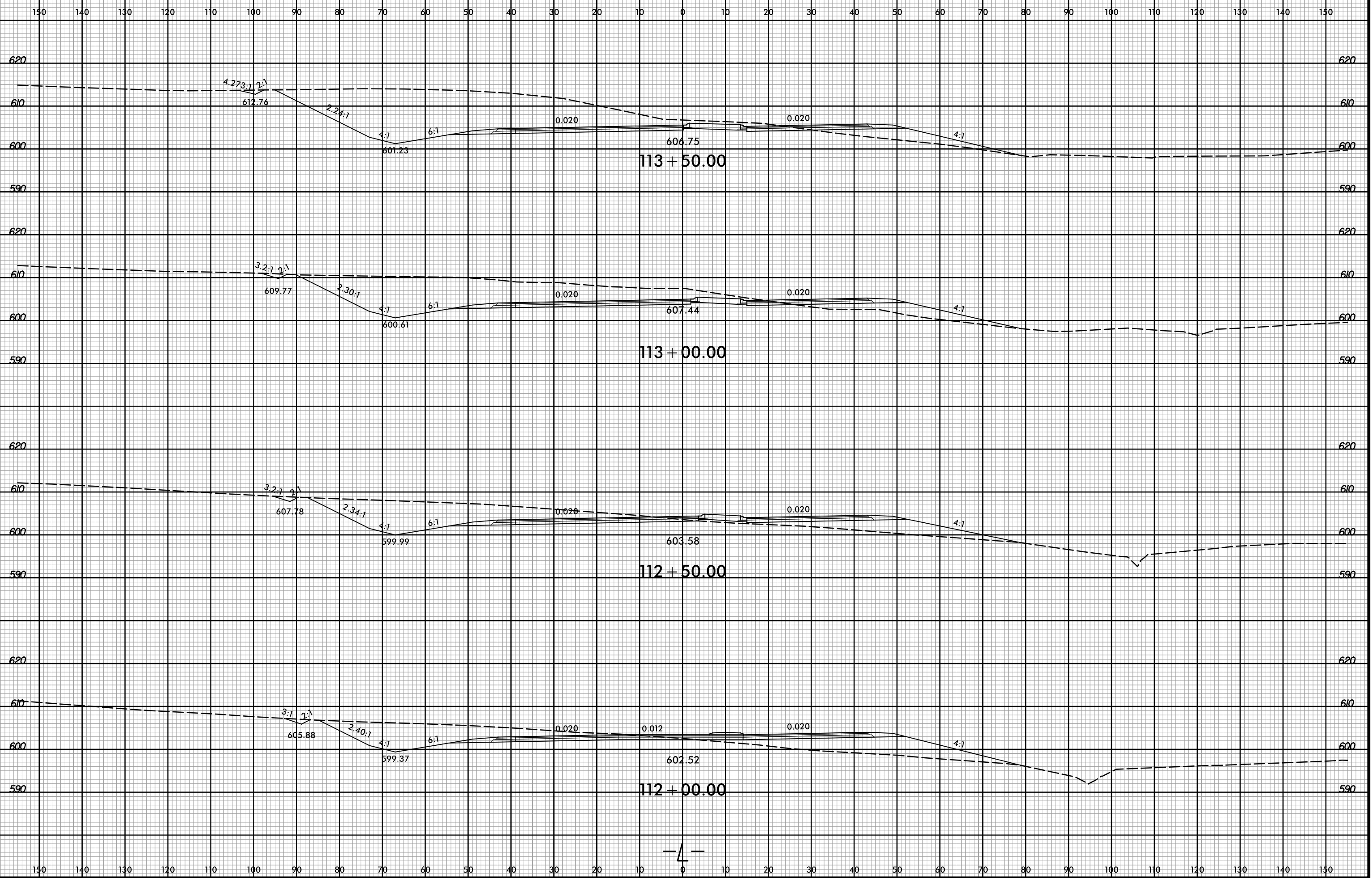


3/2/2017 10:43:08 AM
 R:\Roadway\XSCA\13109A_Rdy_xpl.dgn
 User: Todd.Buckner

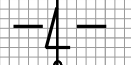
8/23/99

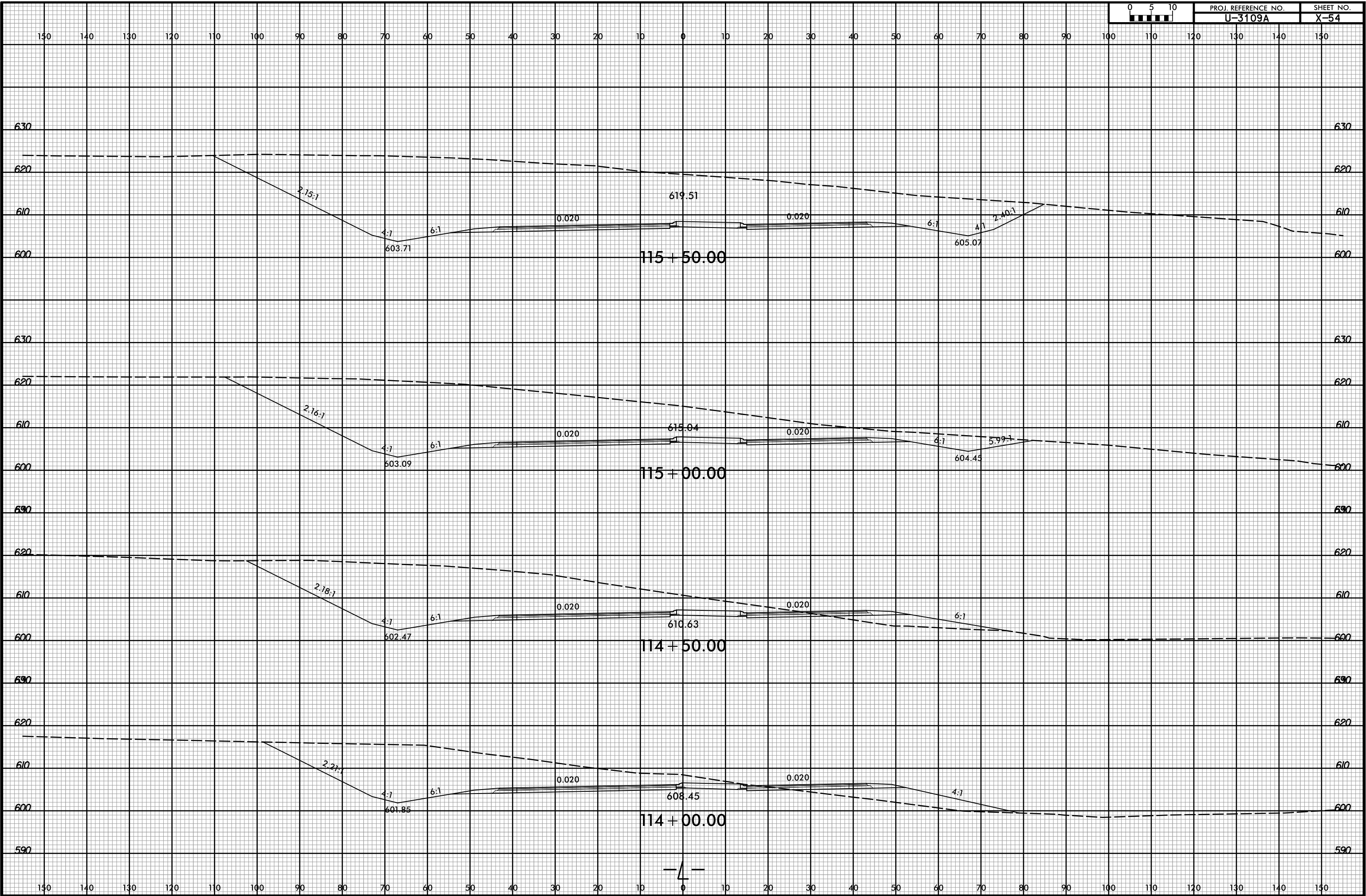


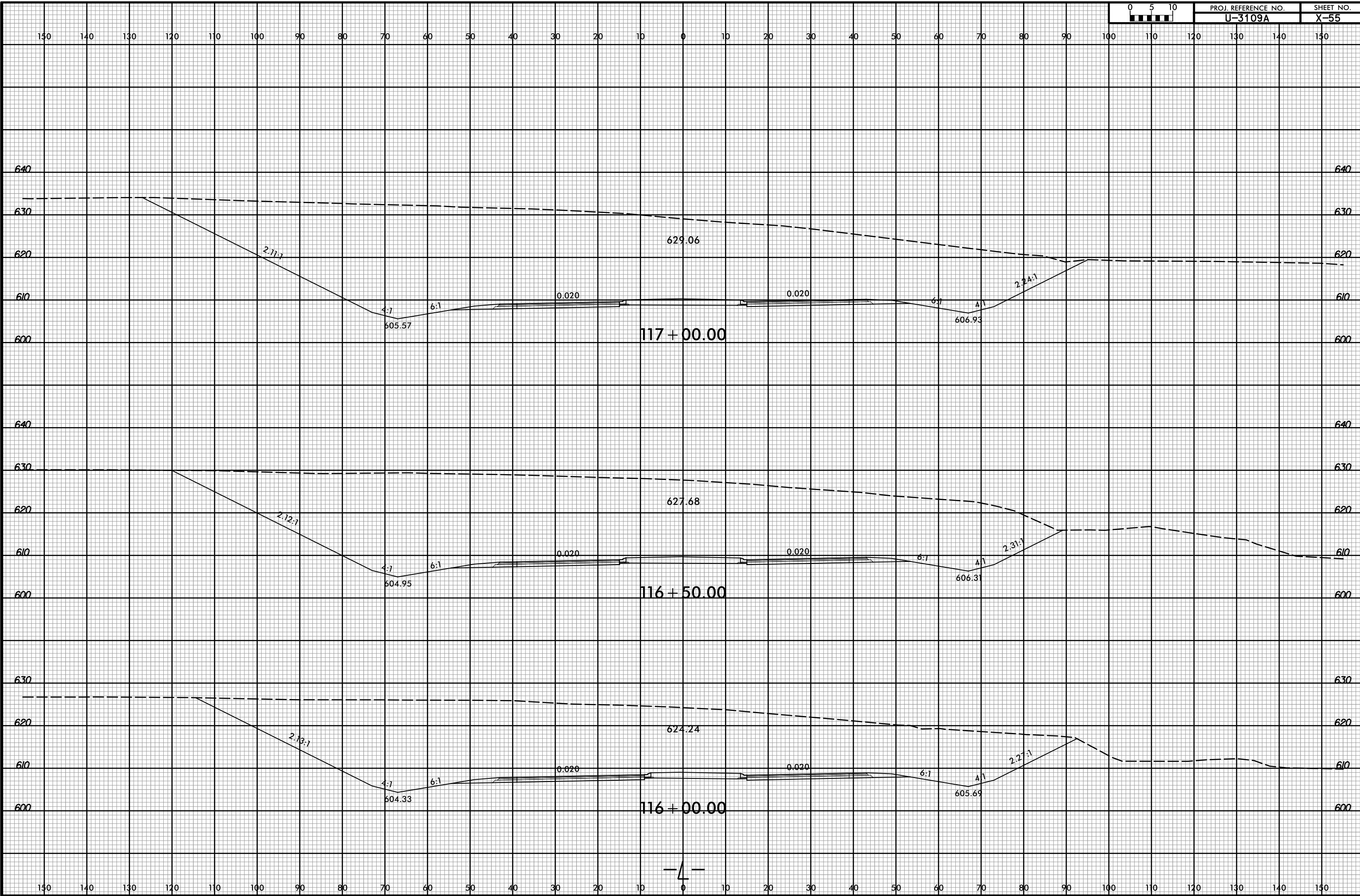
PROJ. REFERENCE NO. U-3109A SHEET NO. X-53

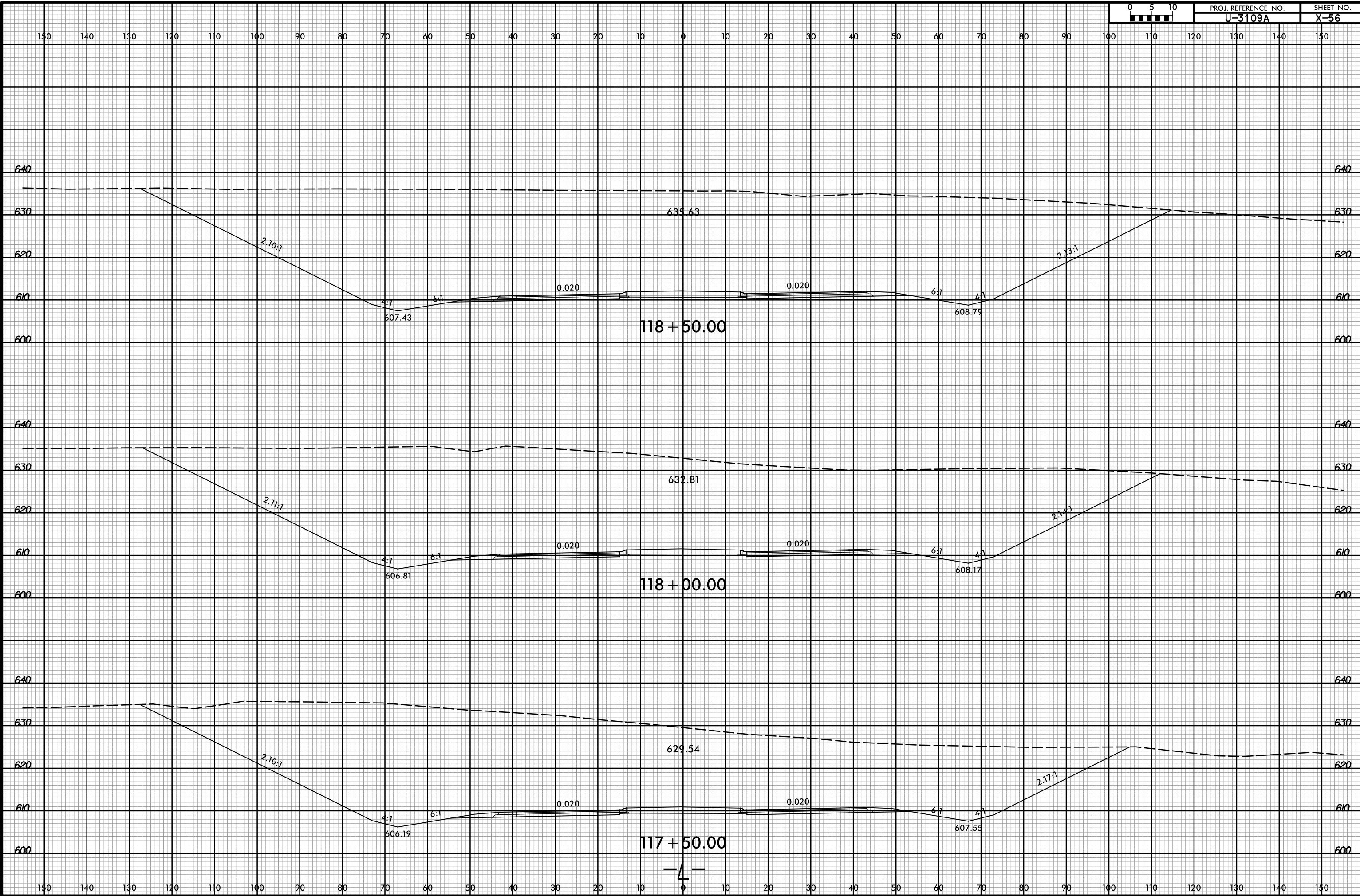


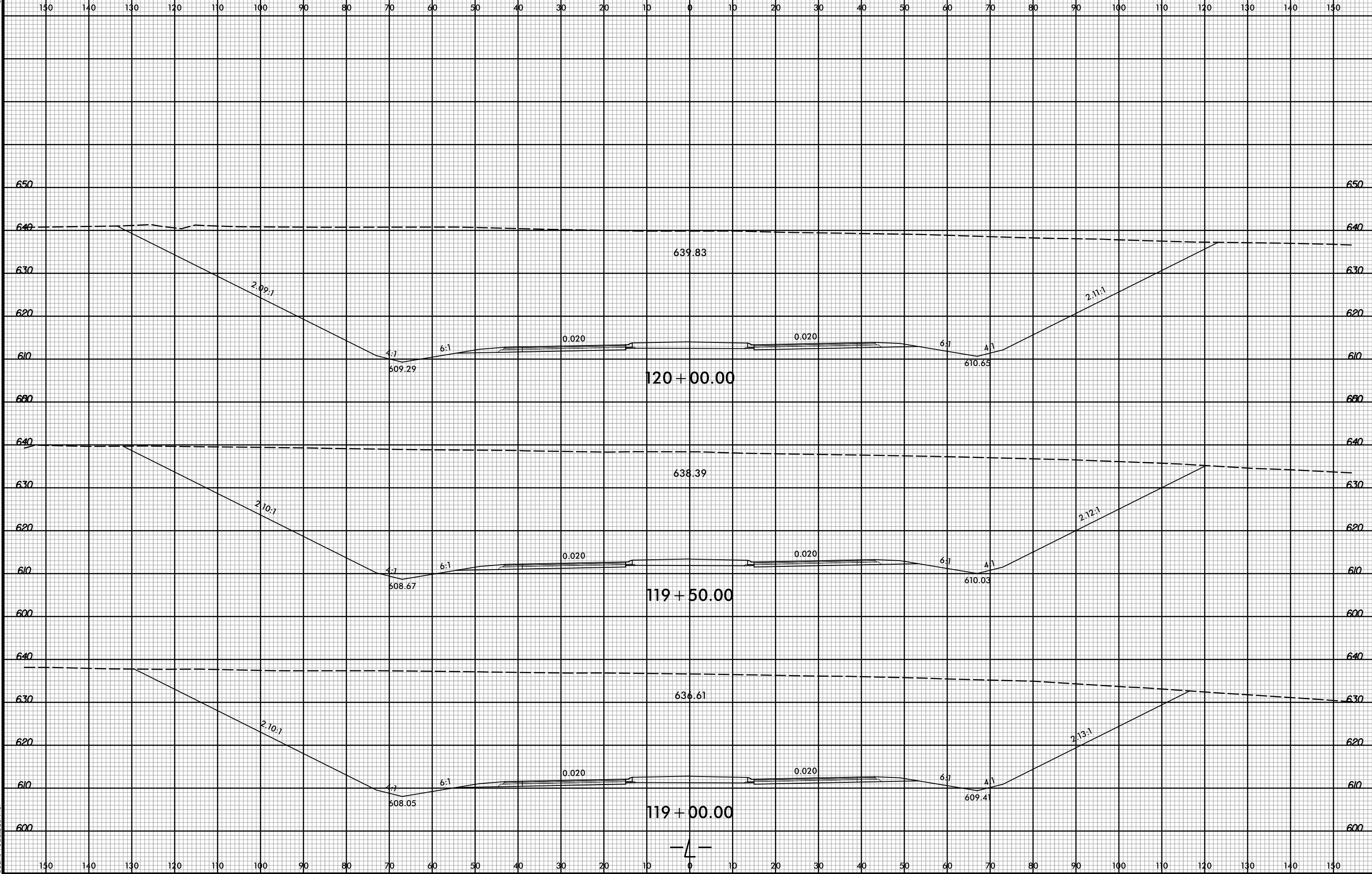
3/2/2017 10:43:09 AM
R:\Roadway\XSC\13109A_Rdy_xpl.dgn
User: Todd.Buckner









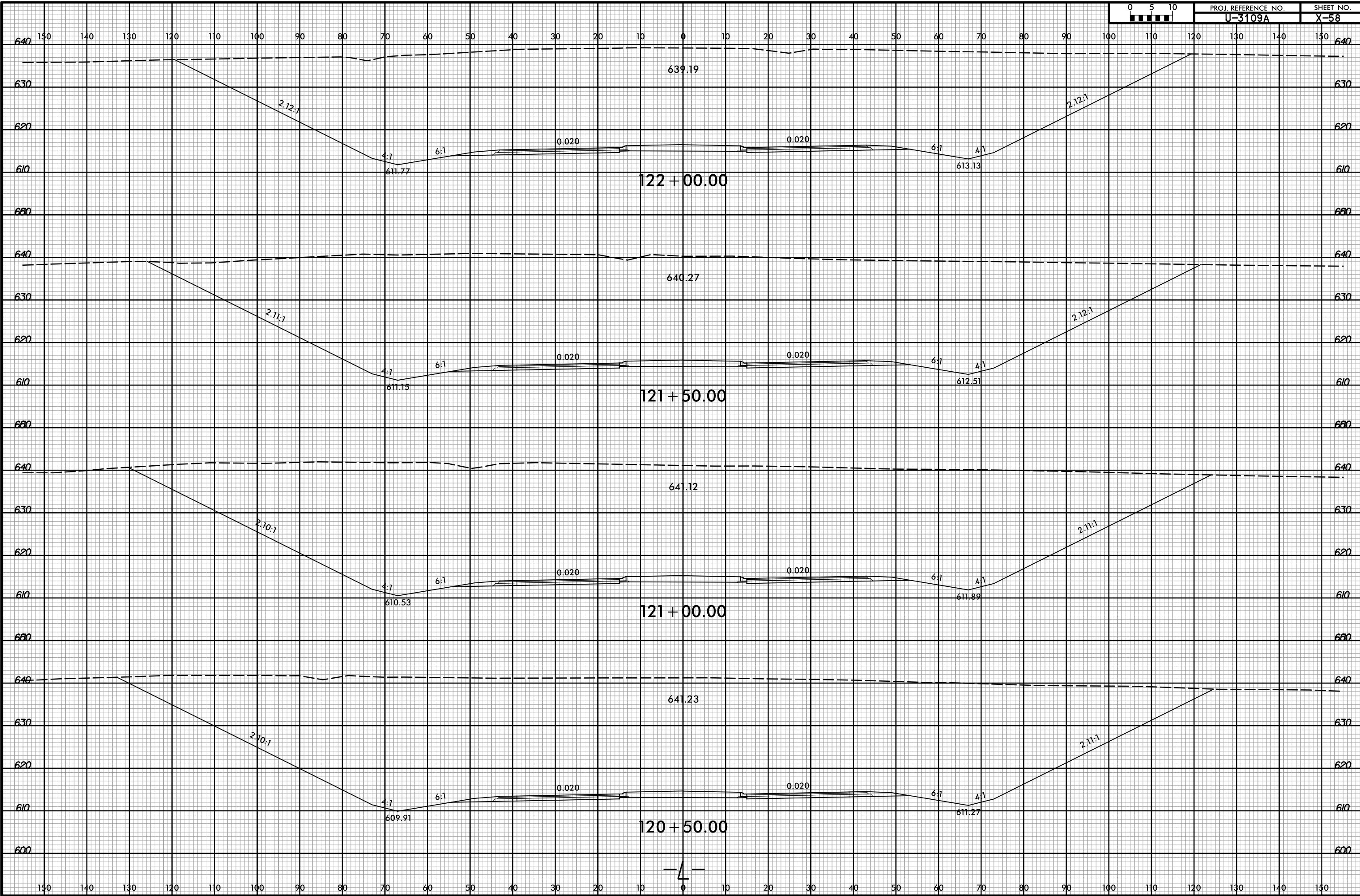


8/23/99



PROJ. REFERENCE NO.
U-3109A

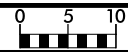
SHEET NO.
X-58



3/2/2017 10:43:10 AM
R:\Roadway\XSC\13109A_Rdy_xpl.dgn
User: Todd.Buckner

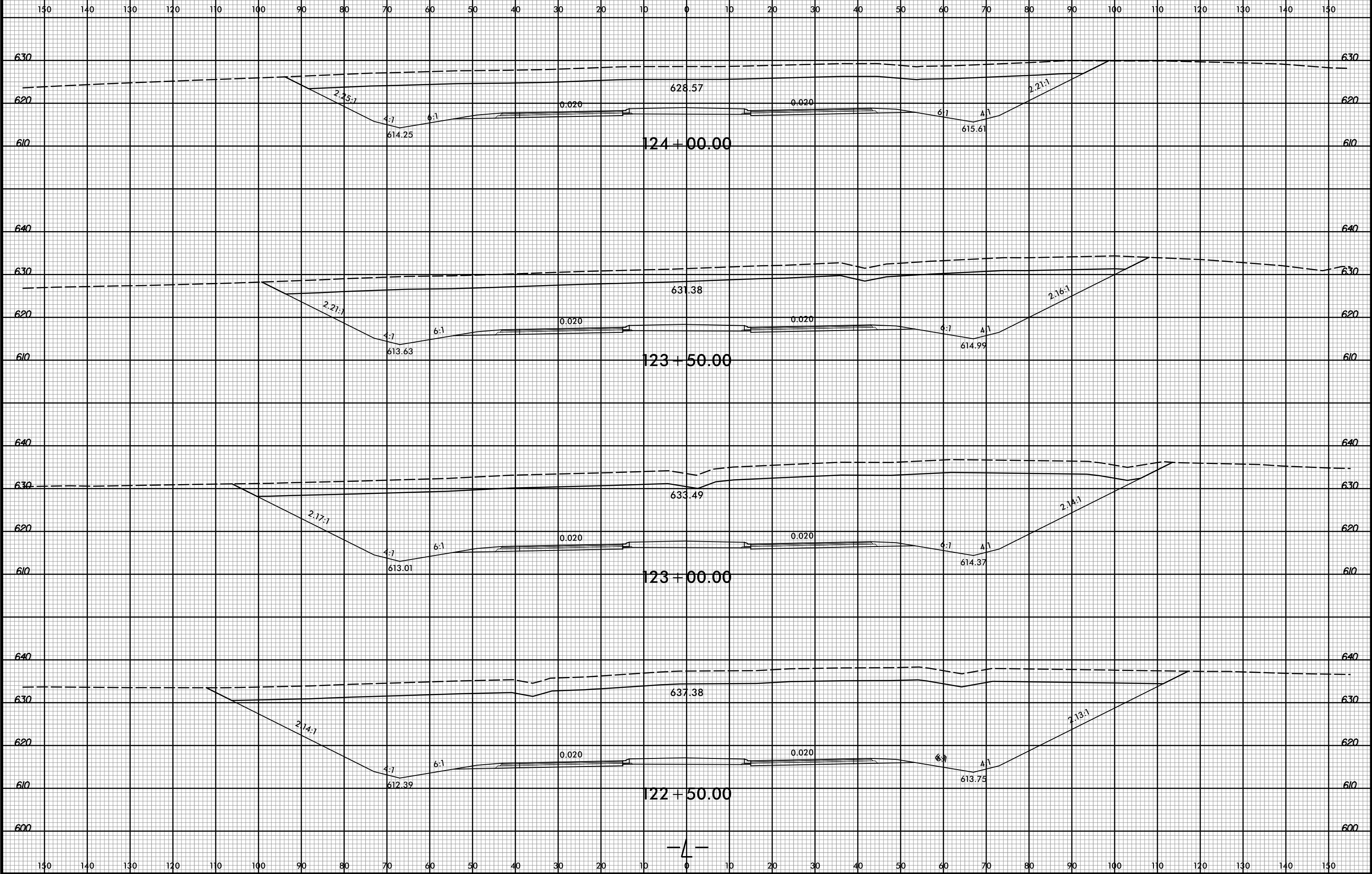


8/23/99

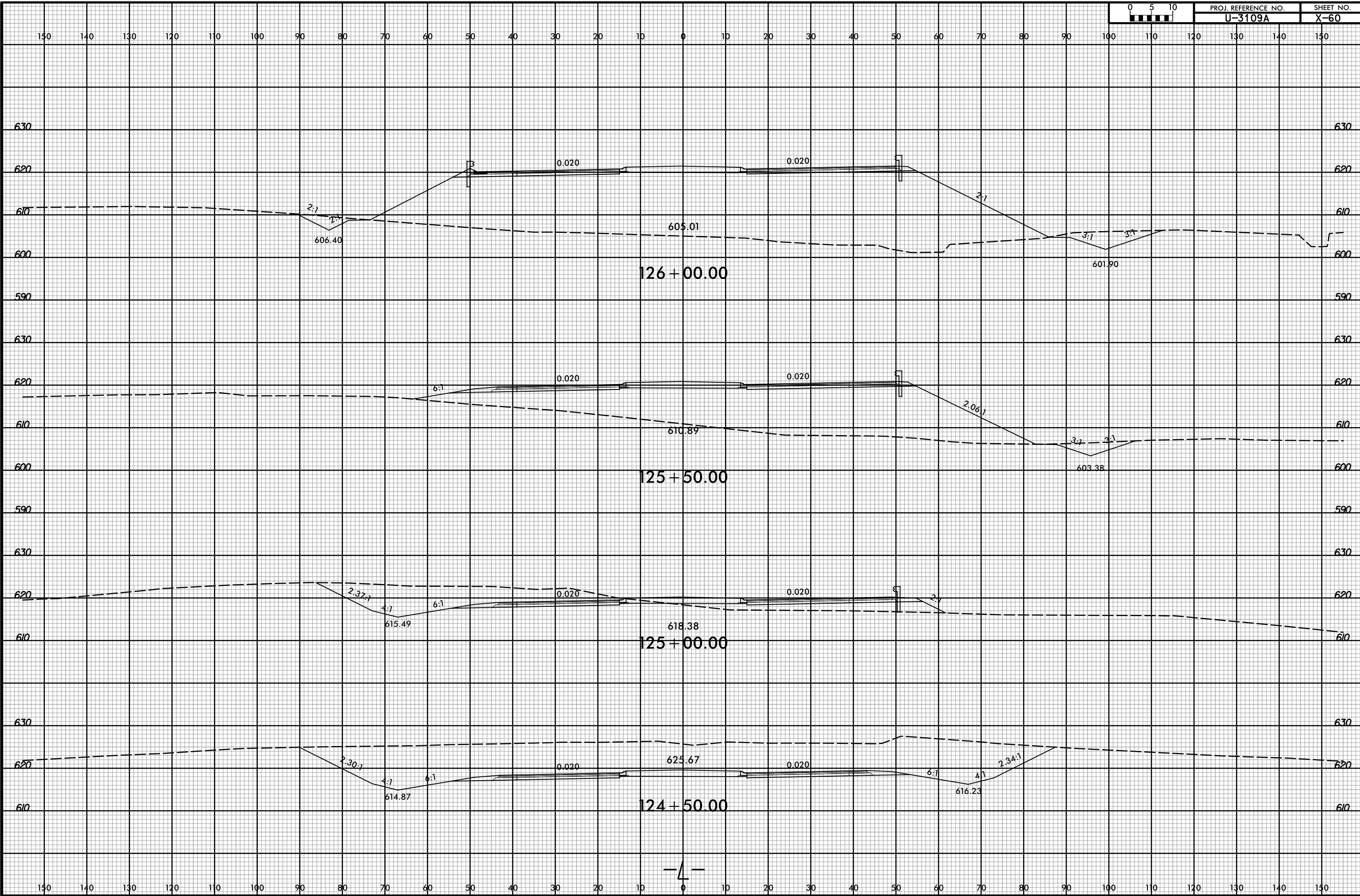


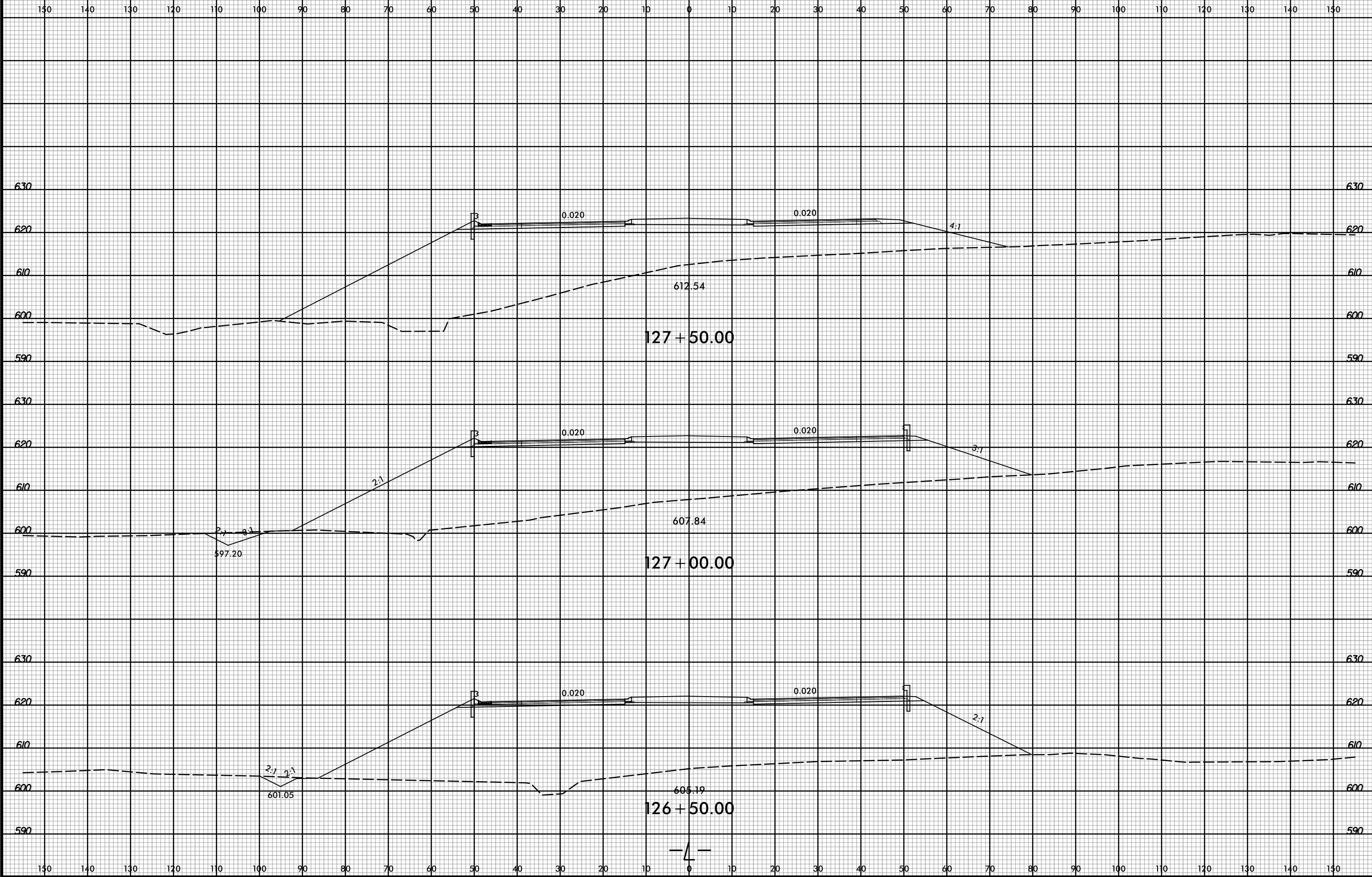
PROJ. REFERENCE NO.
U-3109A

SHEET NO.
X-59

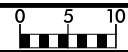


3/2/2017 10:43:11 AM
R:\Roadway\XSC\13109A_Rdy_L.dgn
User: Todd.Buckner



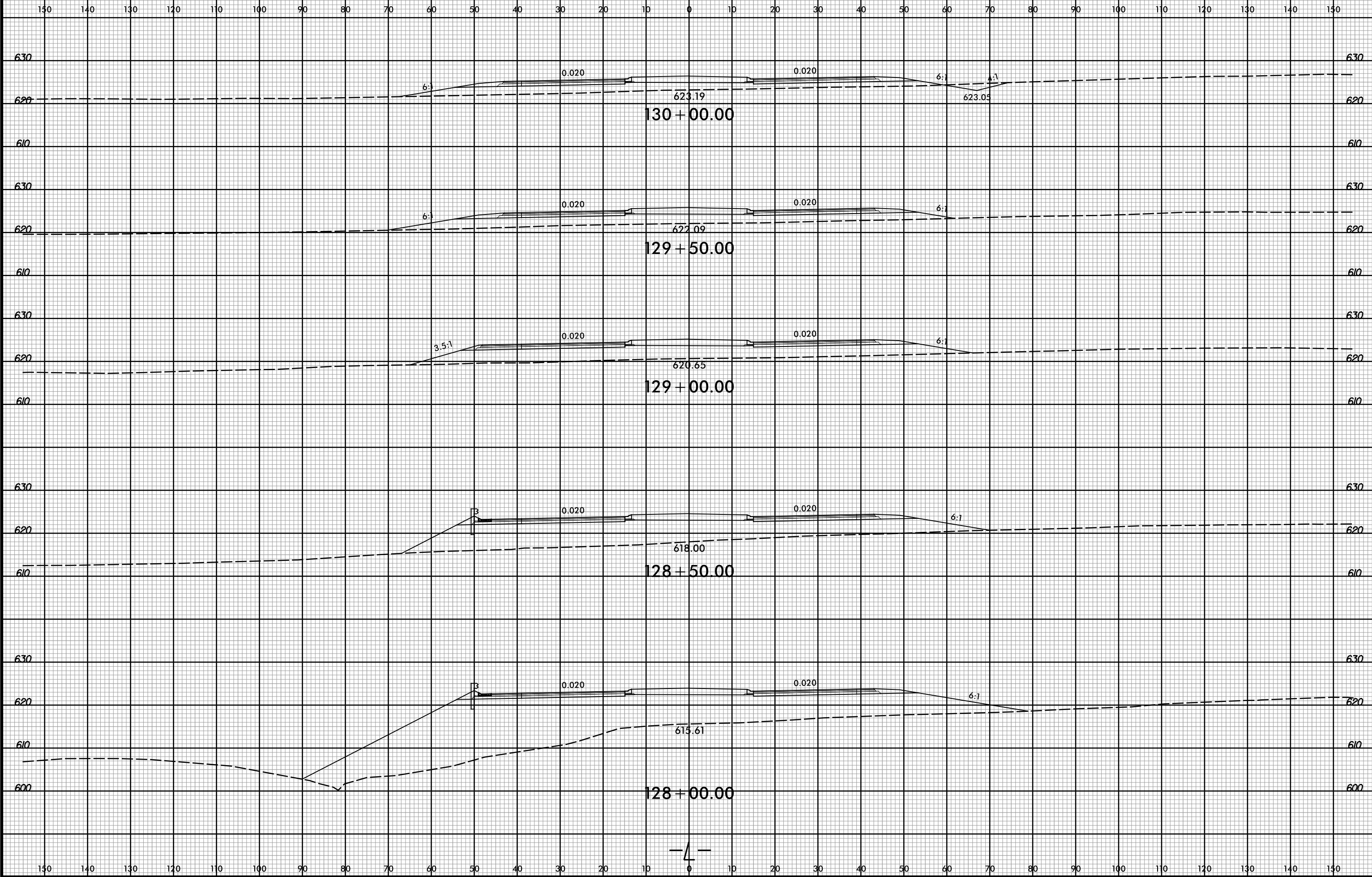


8/23/99

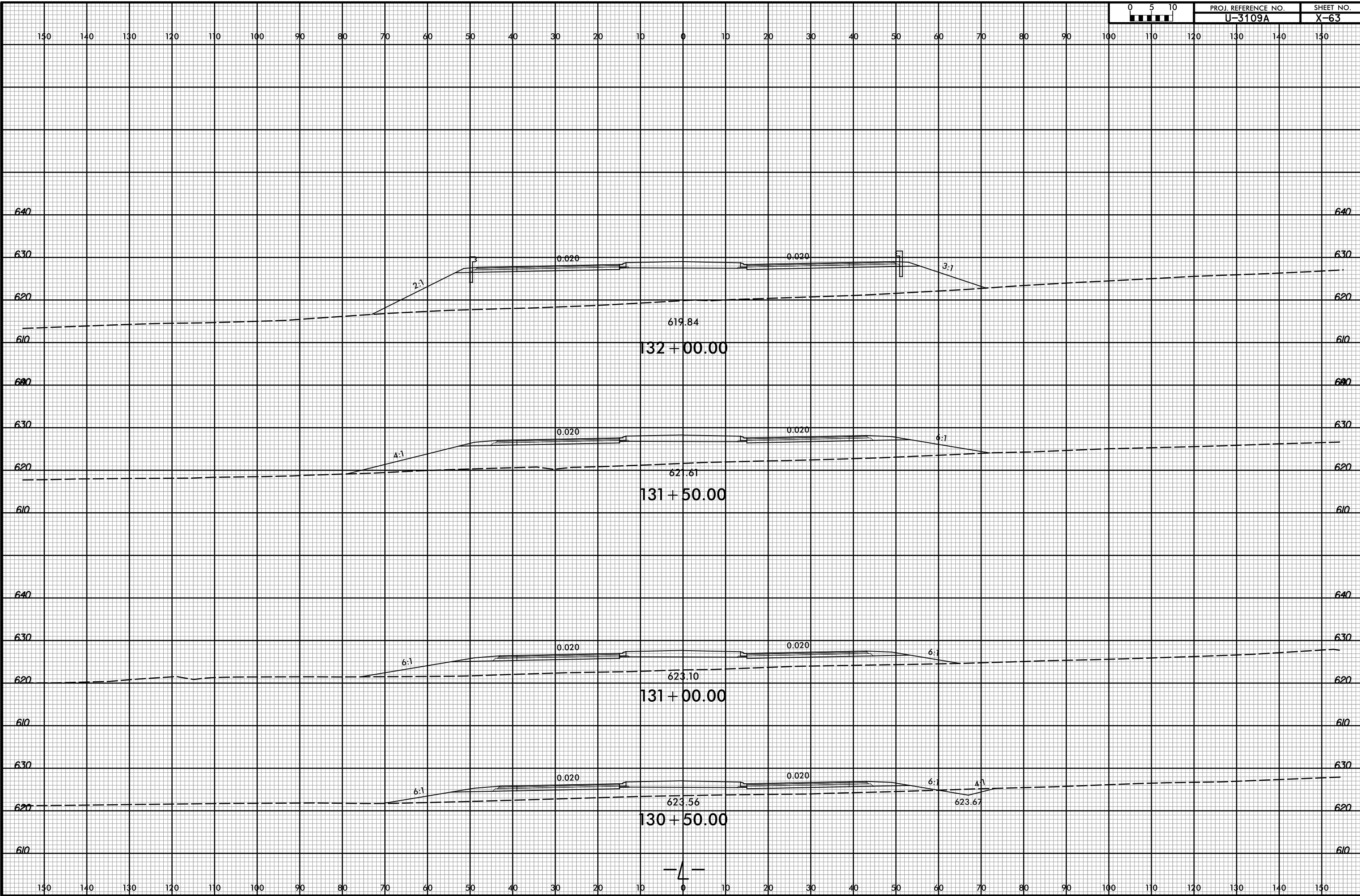


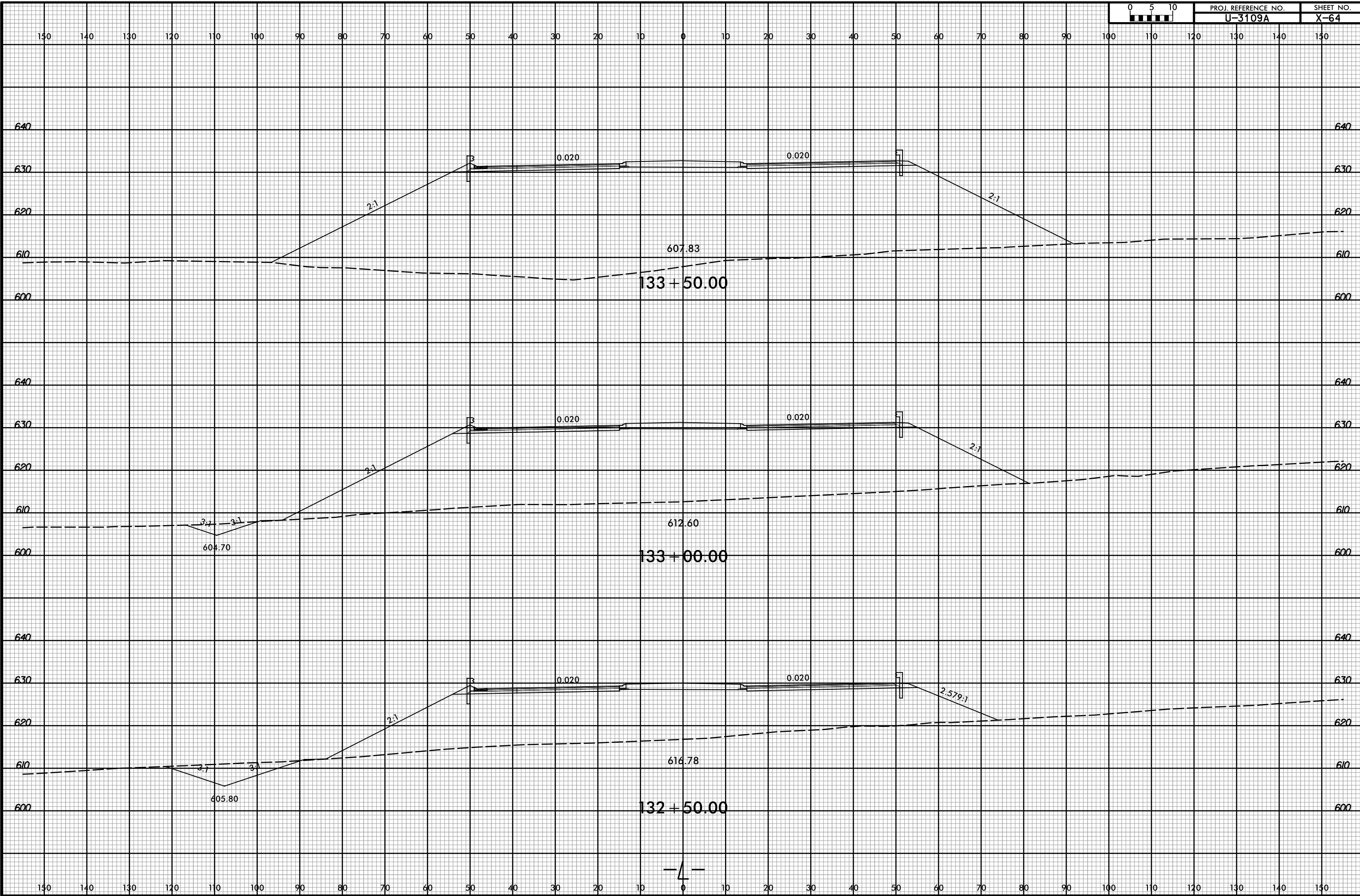
PROJ. REFERENCE NO.
U-3109A

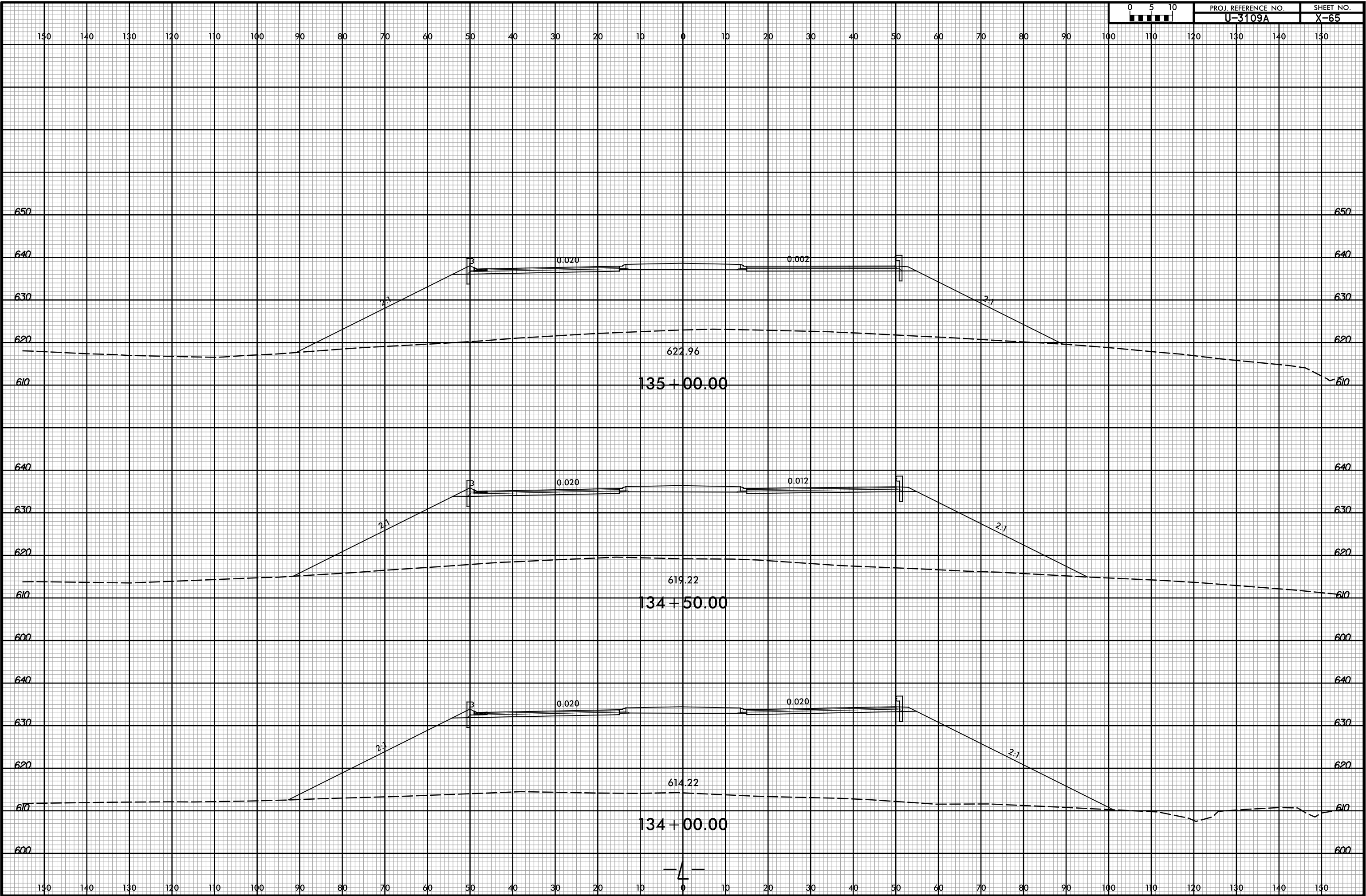
SHEET NO.
X-62

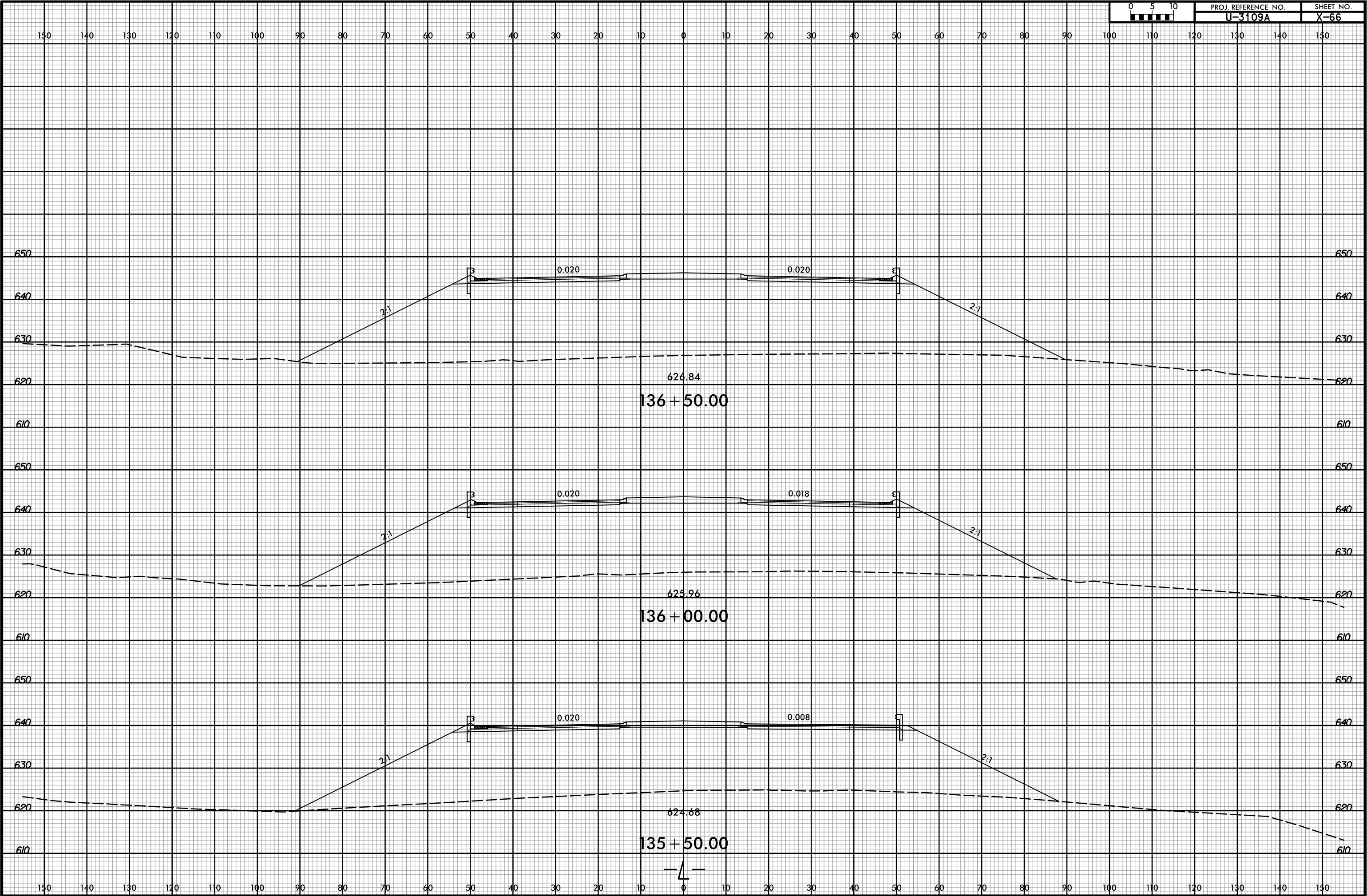


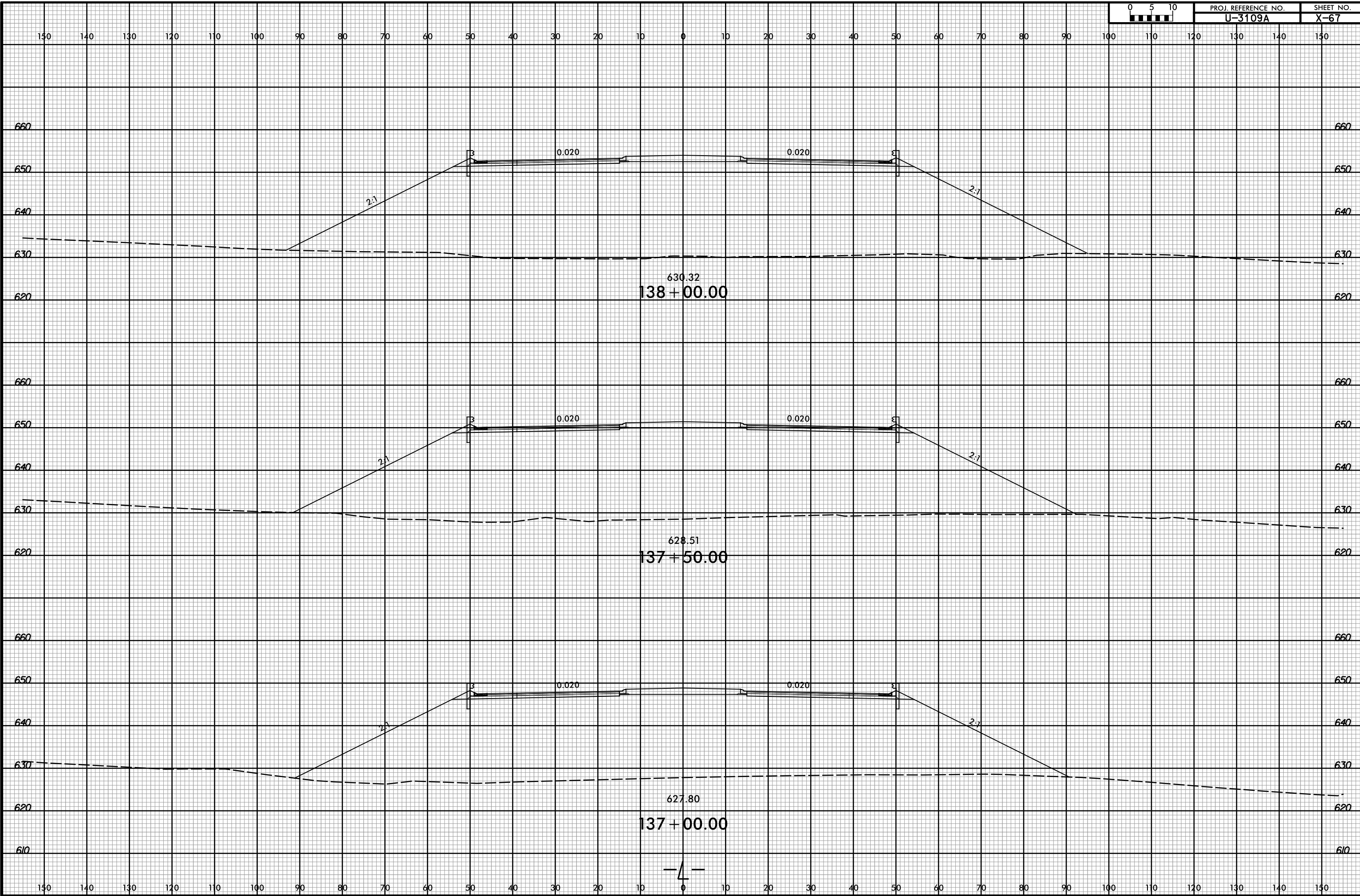
3/2/2017 10:43:42 AM
R:\Roadway\X3109A\13109A_Rdy_xp1.dgn
User: Todd.Buckner

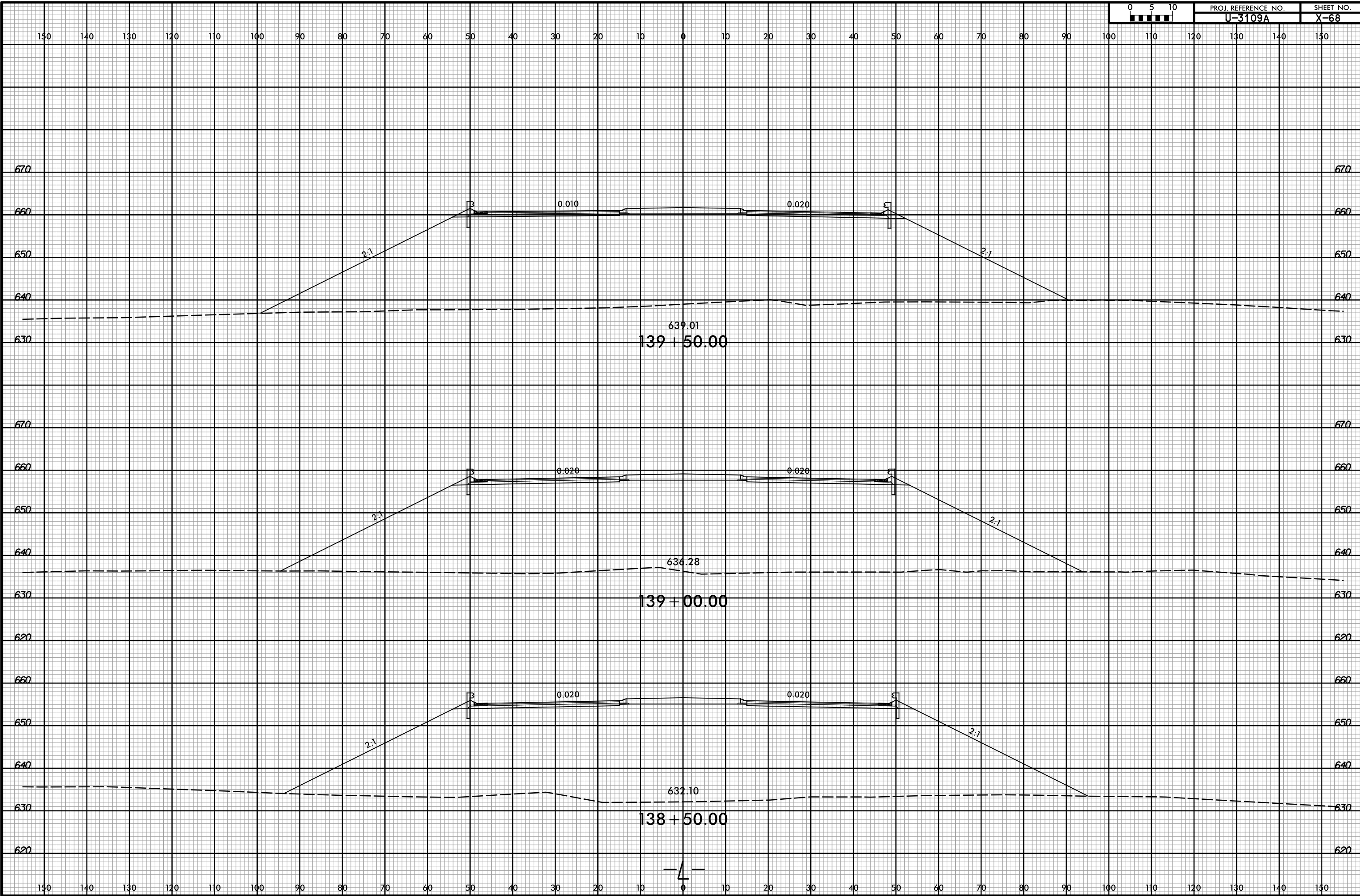


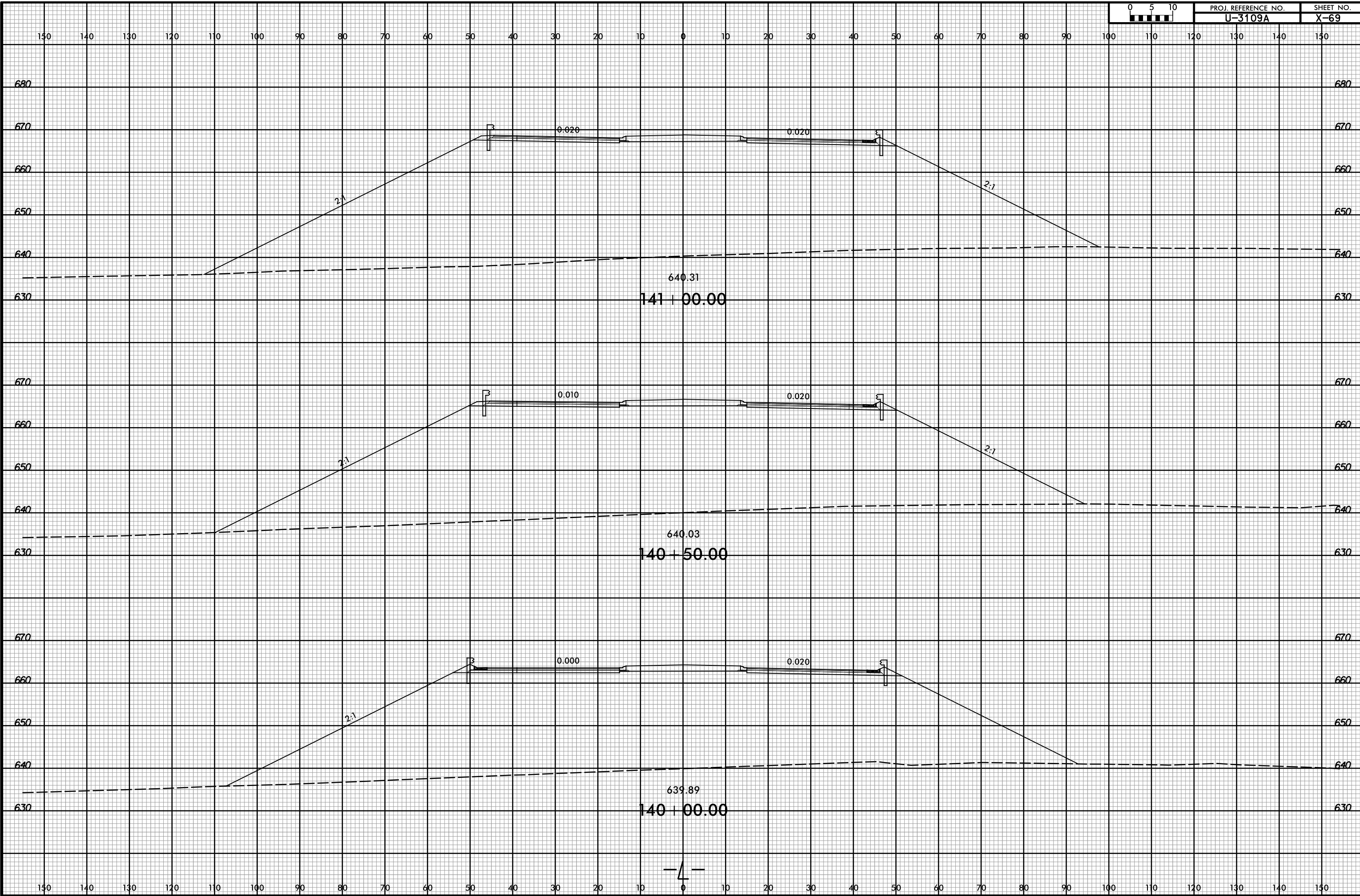


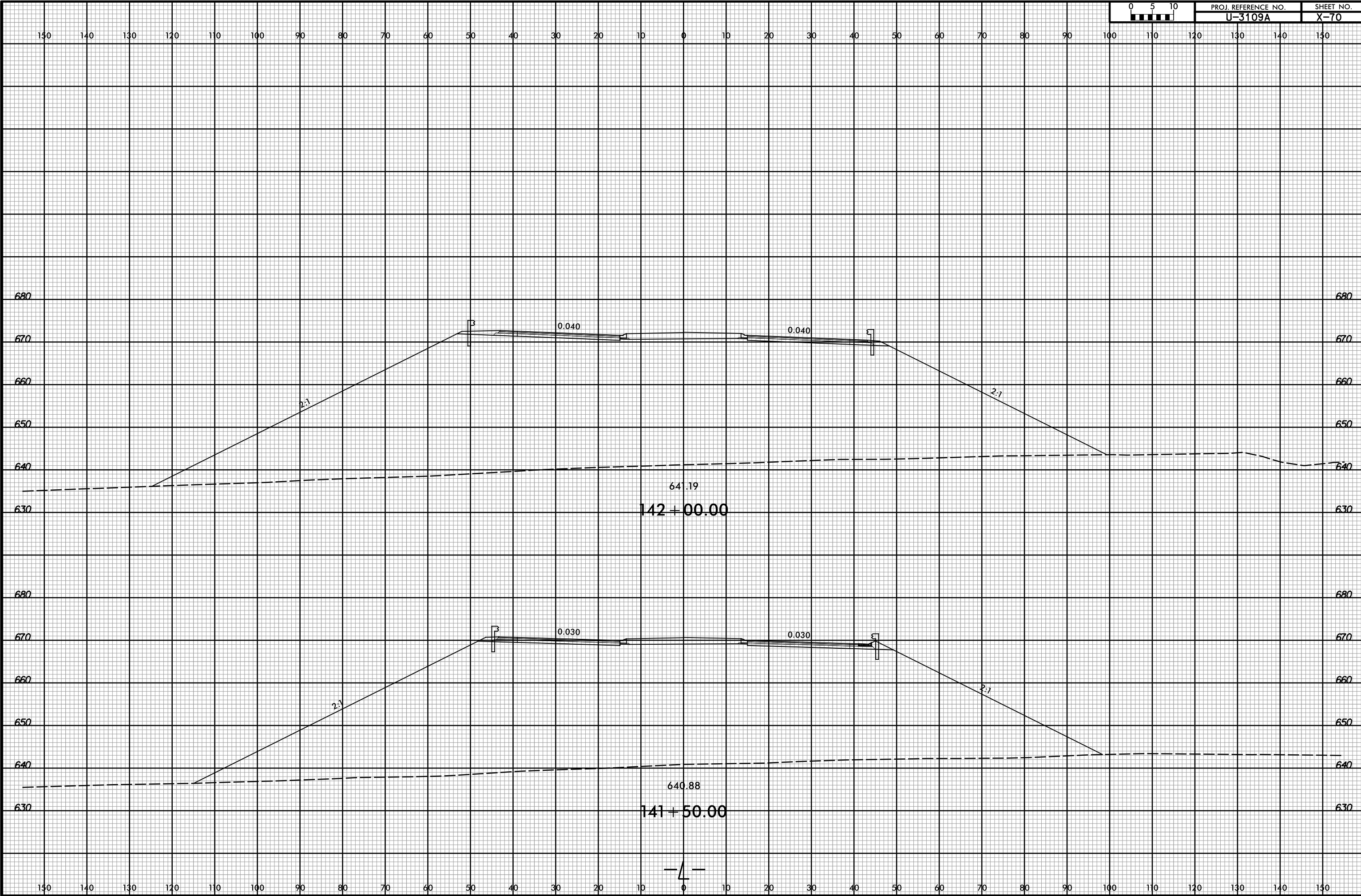


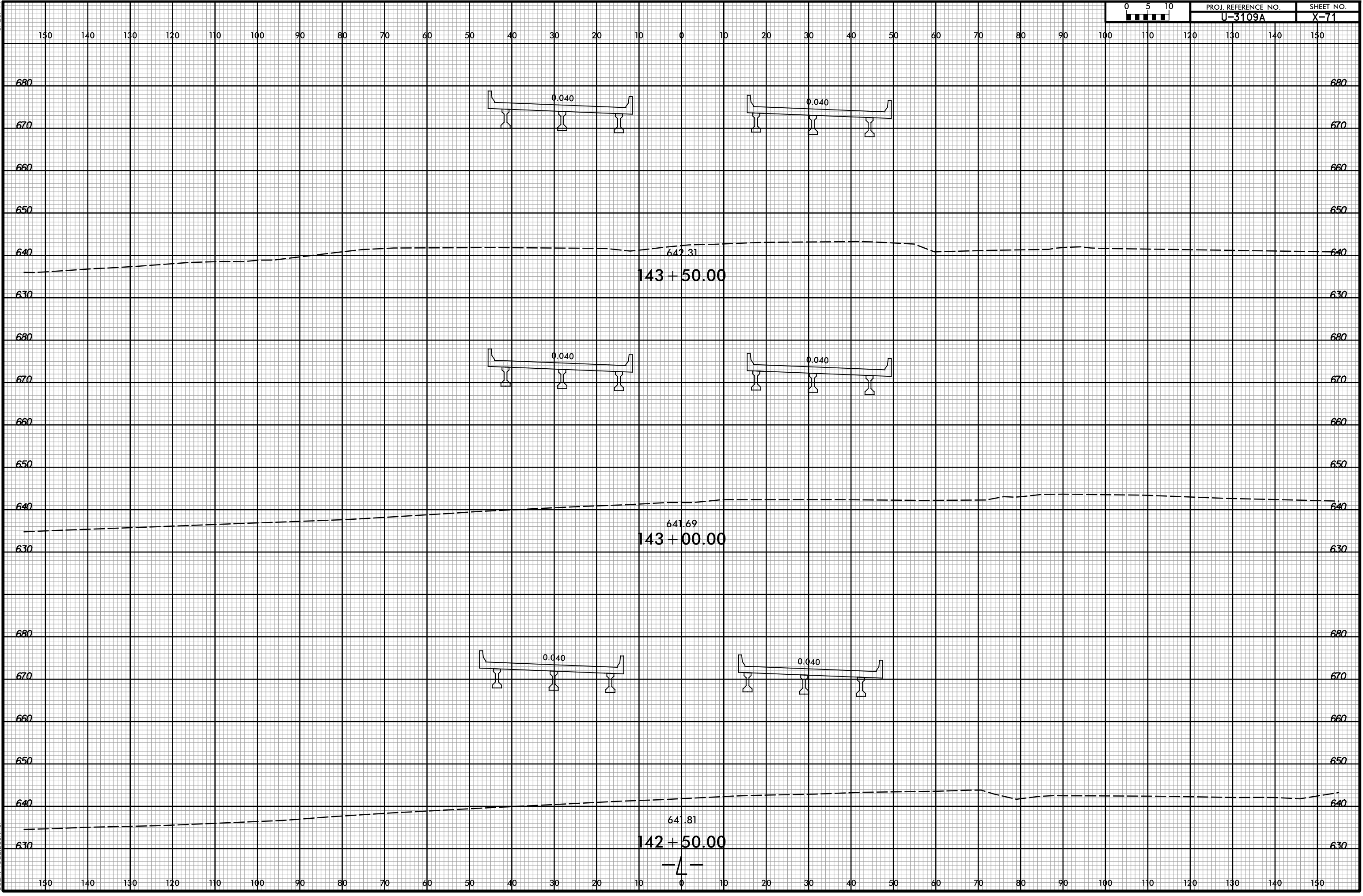










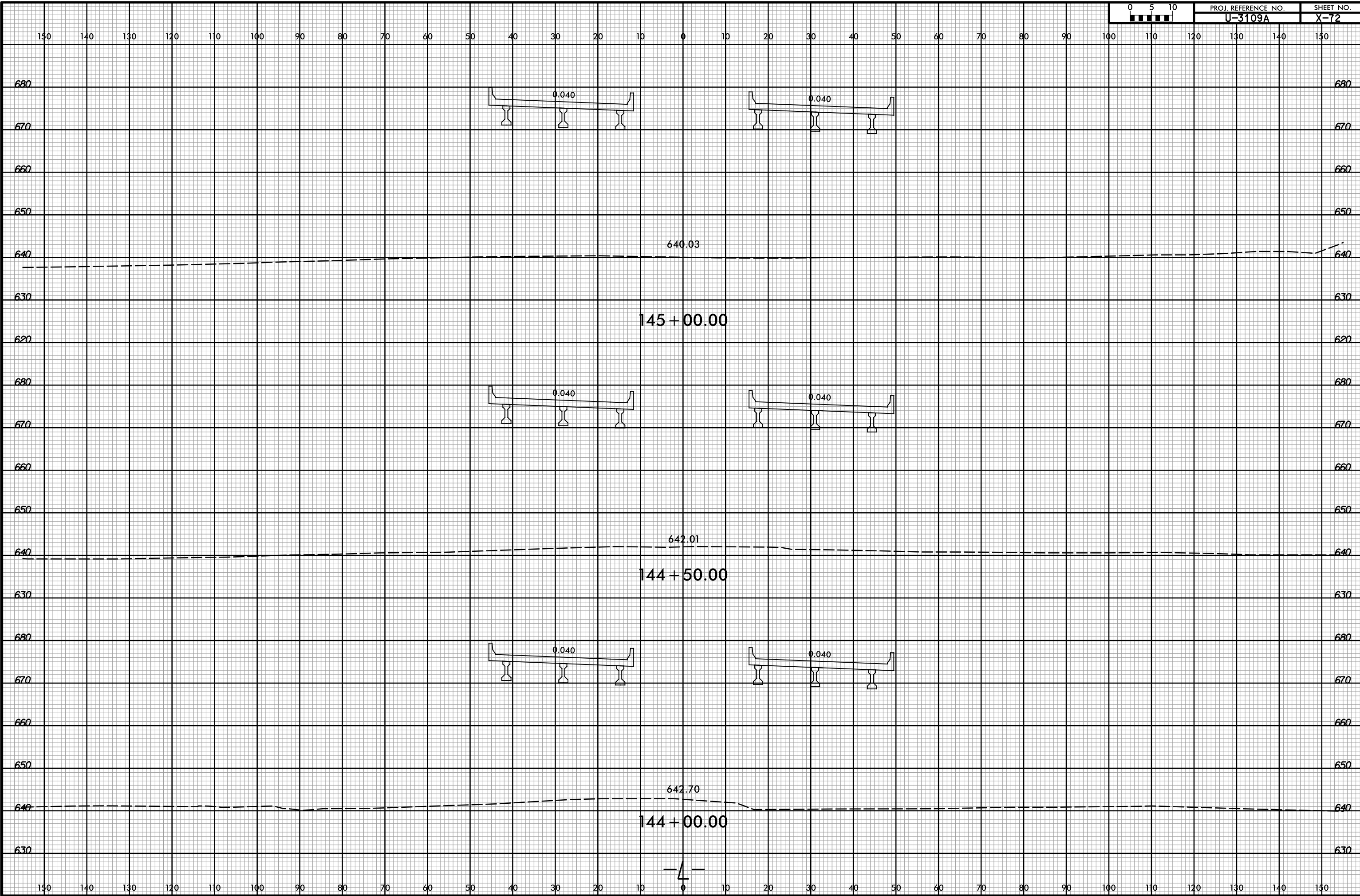


8/23/99

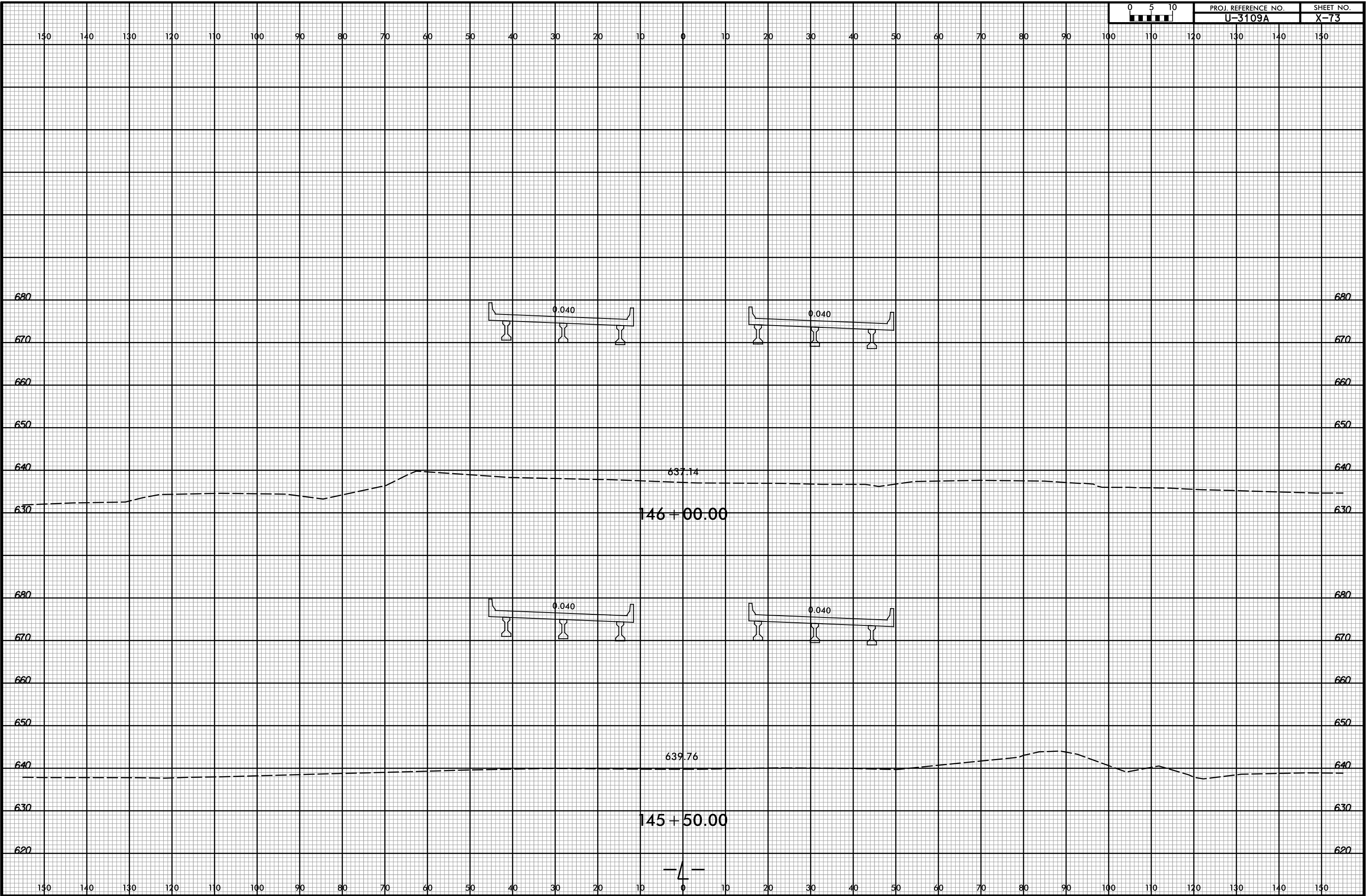


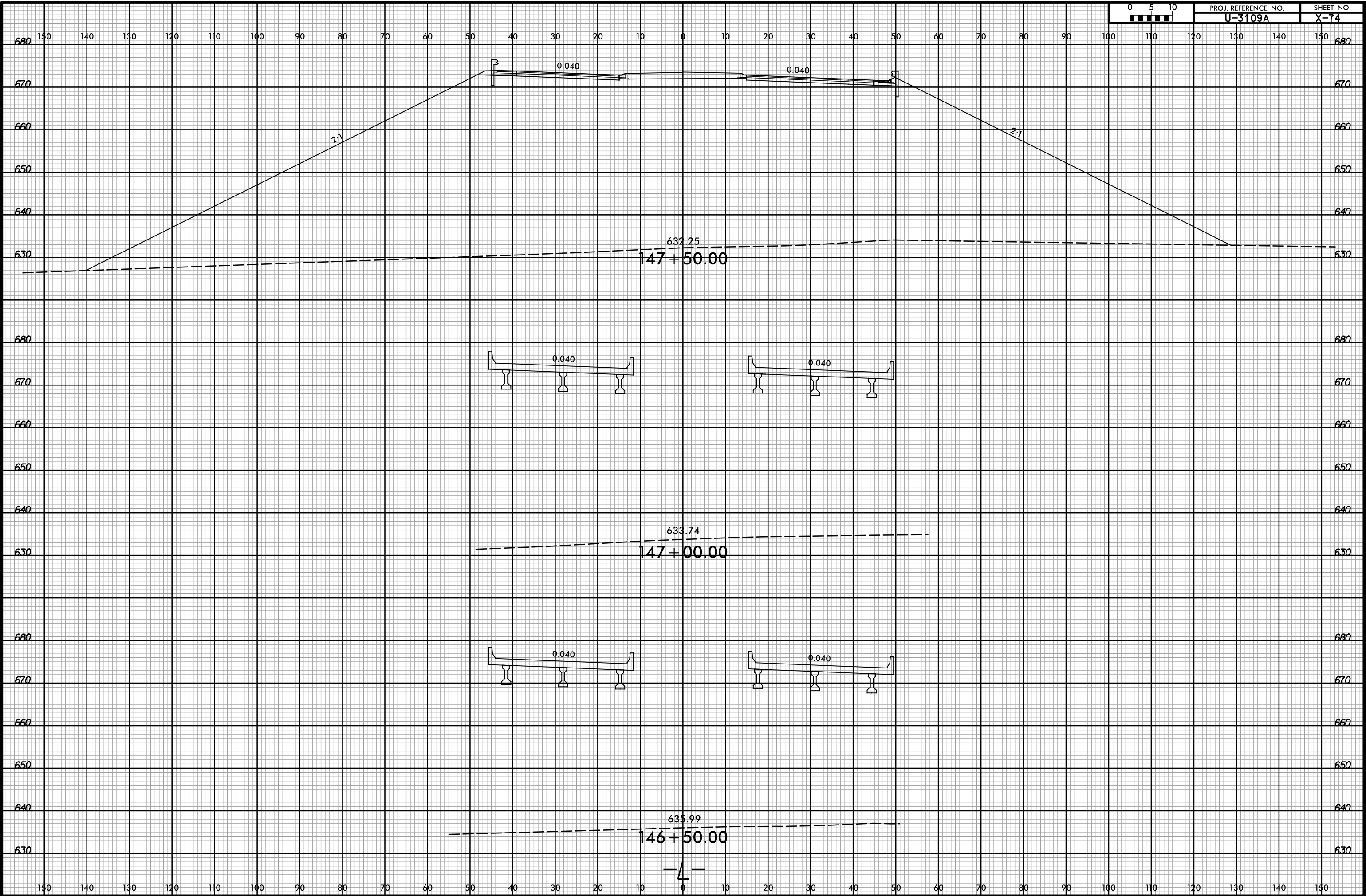
PROJ. REFERENCE NO.
U-3109A

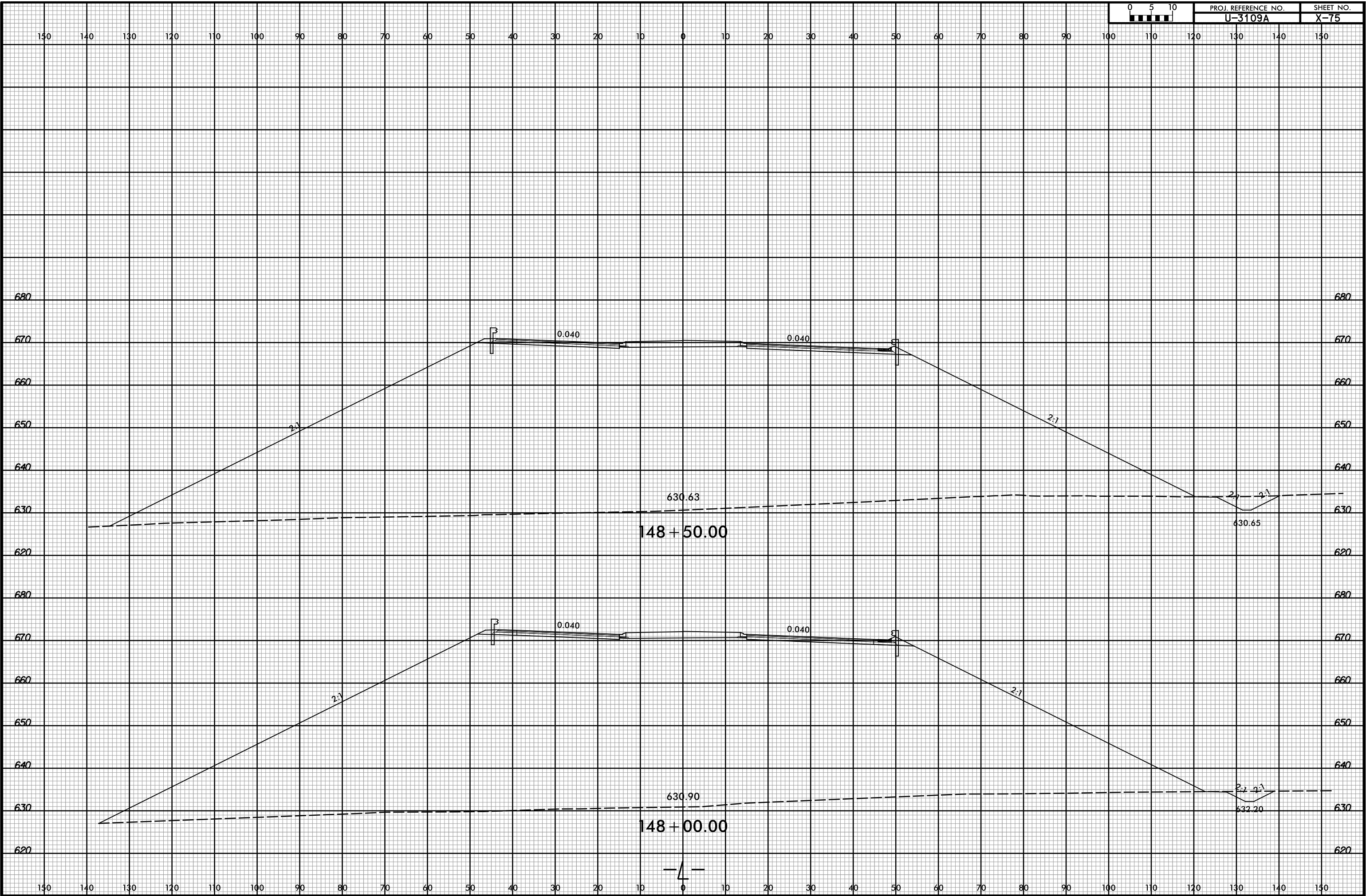
SHEET NO.
X-72



3/2/2017 10:43:16 AM
R:\Roadway\XSC\13109A_Rdy_xp1.L.dgn
User: Todd.Buckner



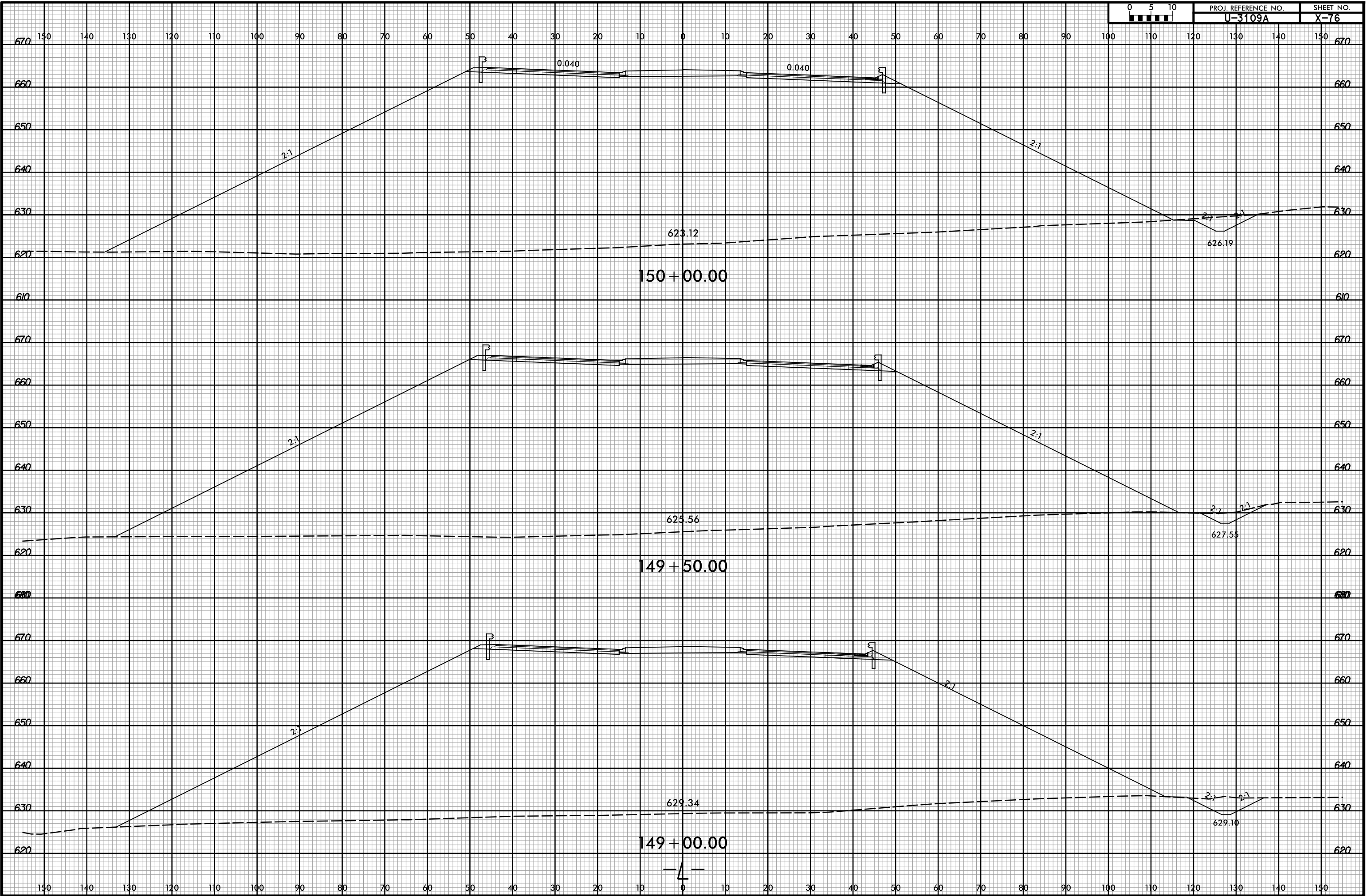




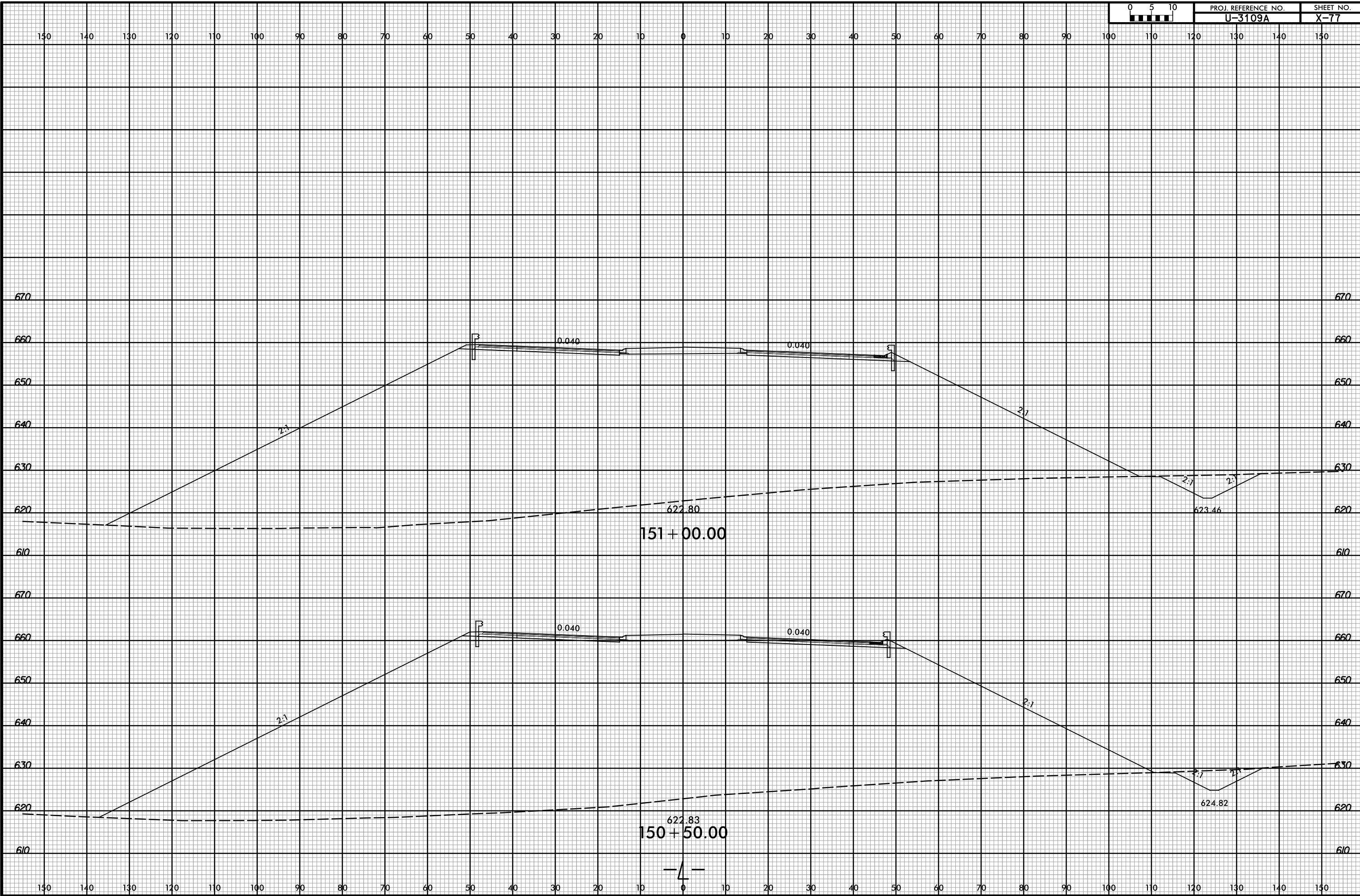
8/23/99

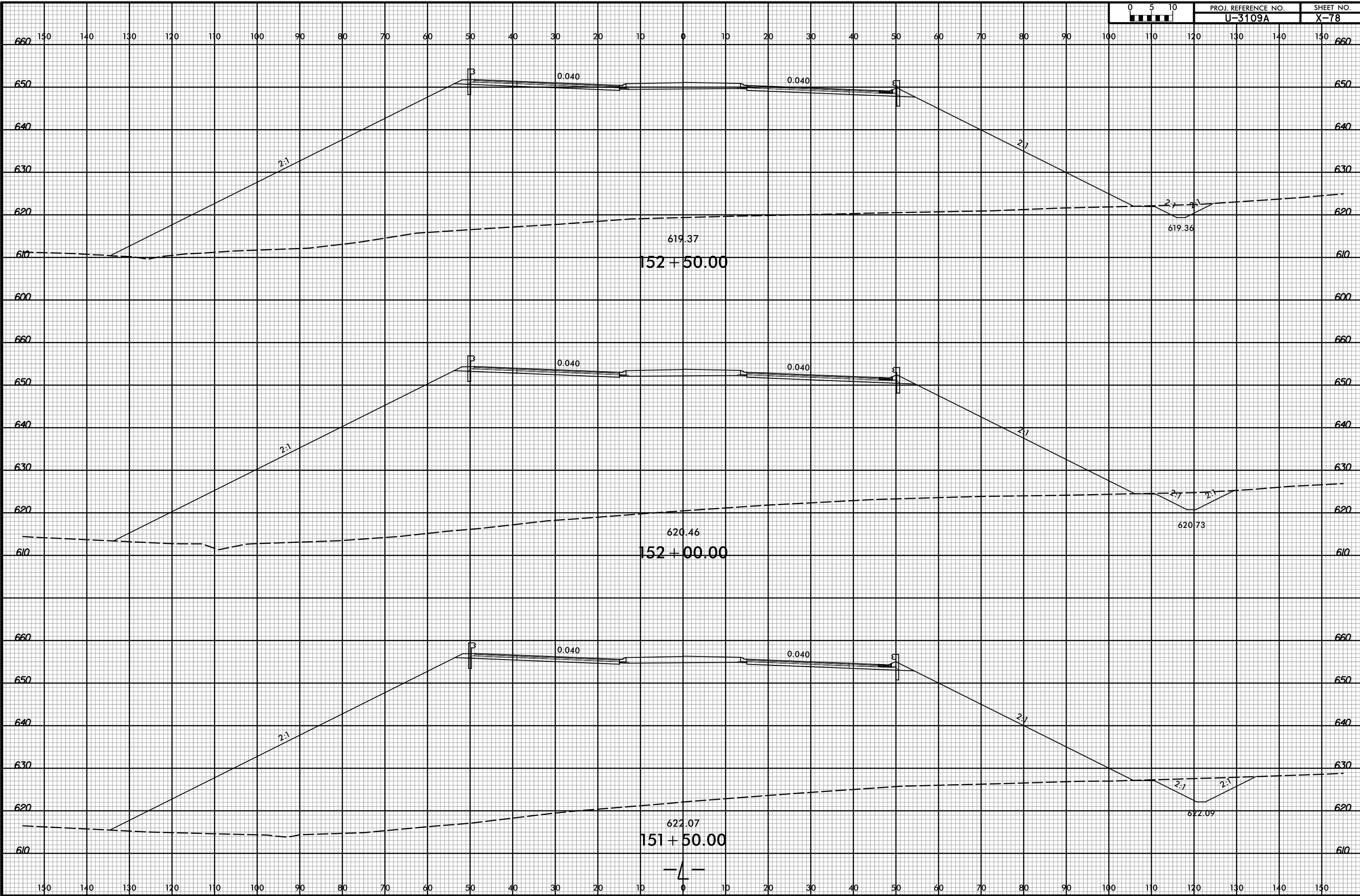


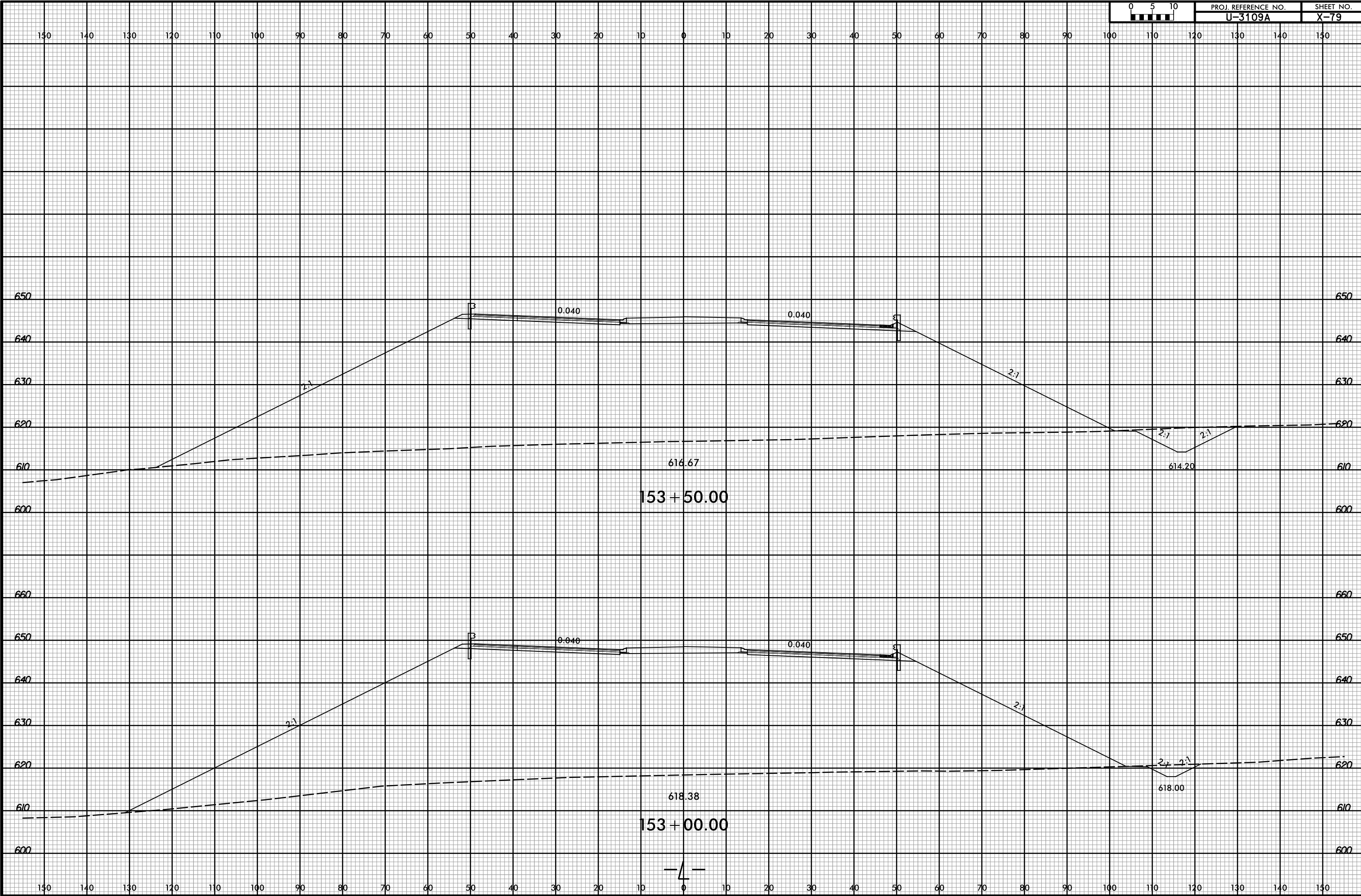
| | |
|---------------------|-----------|
| PROJ. REFERENCE NO. | SHEET NO. |
| U-3109A | X-76 |

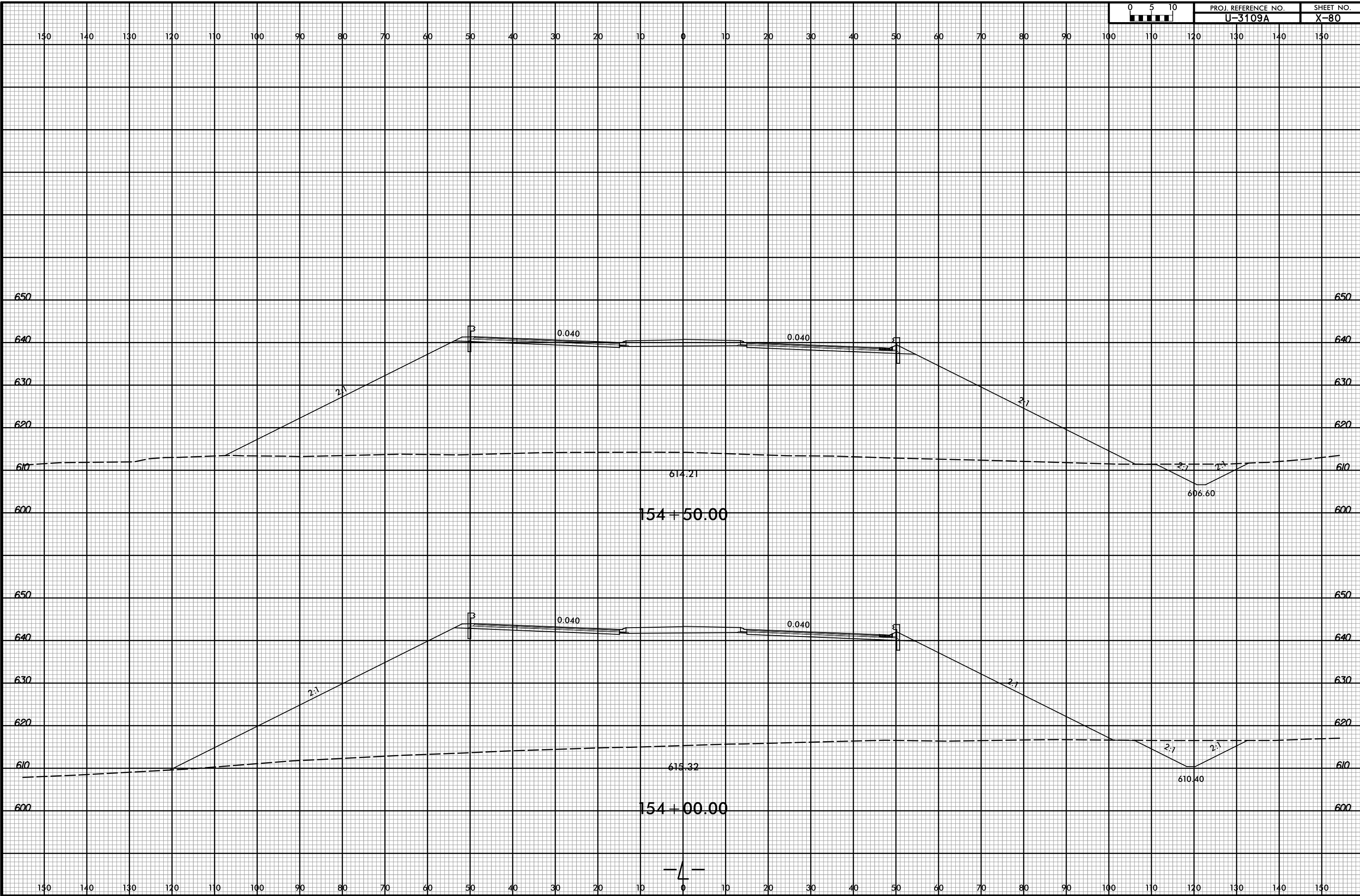


3/2/2017 10:43:17 AM
 R:\Roadway\XSC\13109A_Rdy...xp1...L.dgn
 User: Todd.Buckner

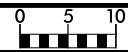






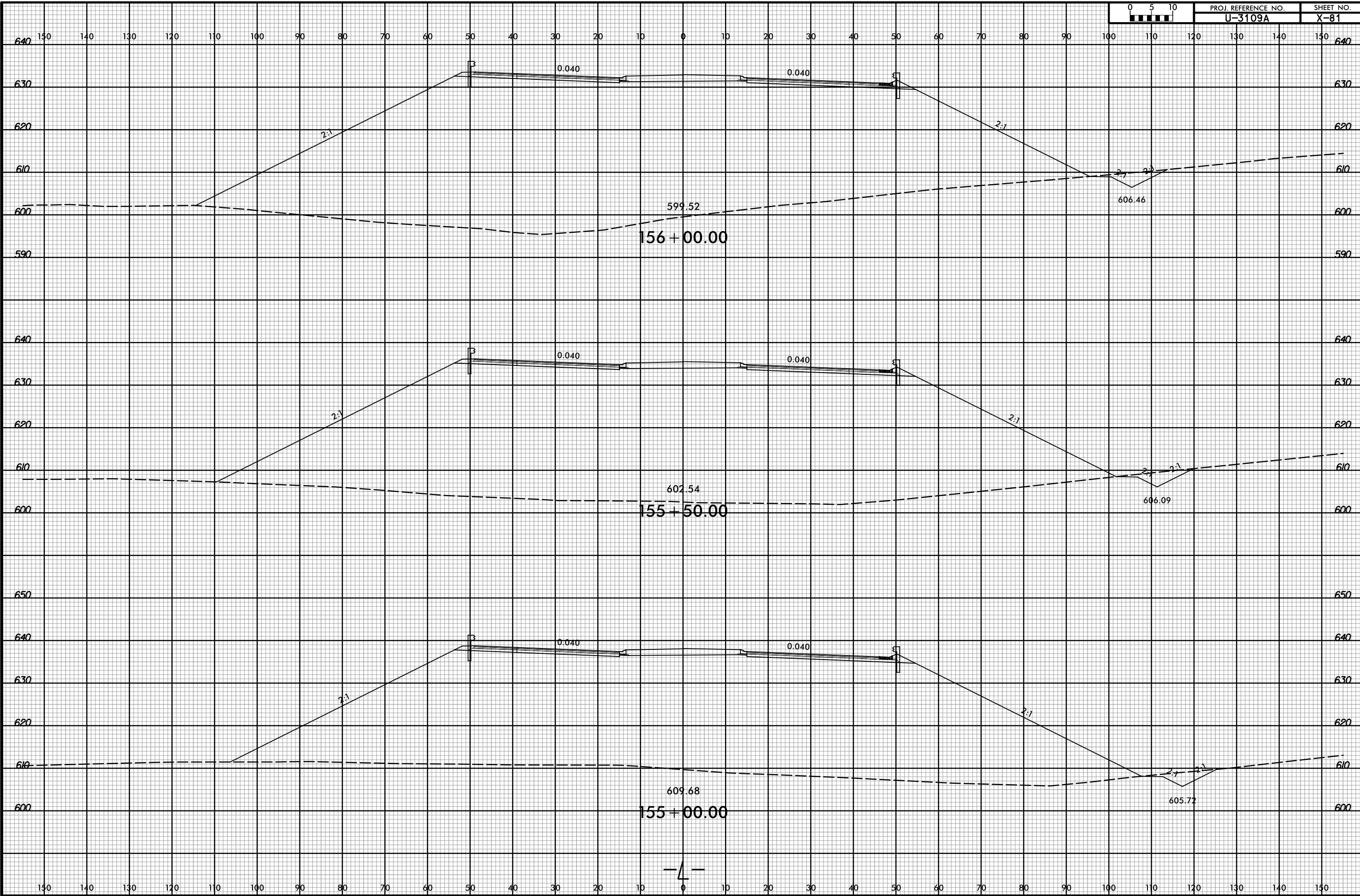


8/23/99

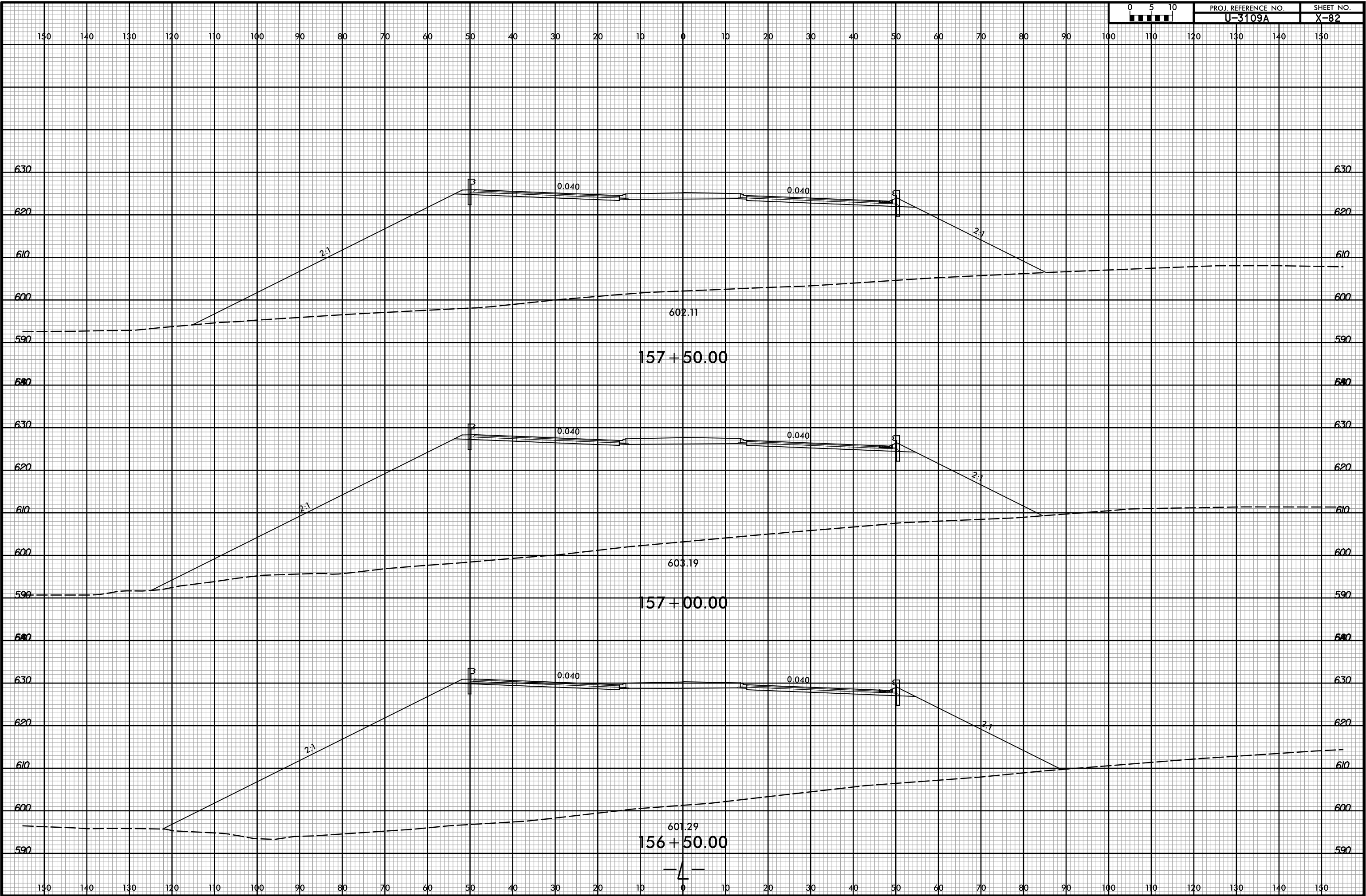


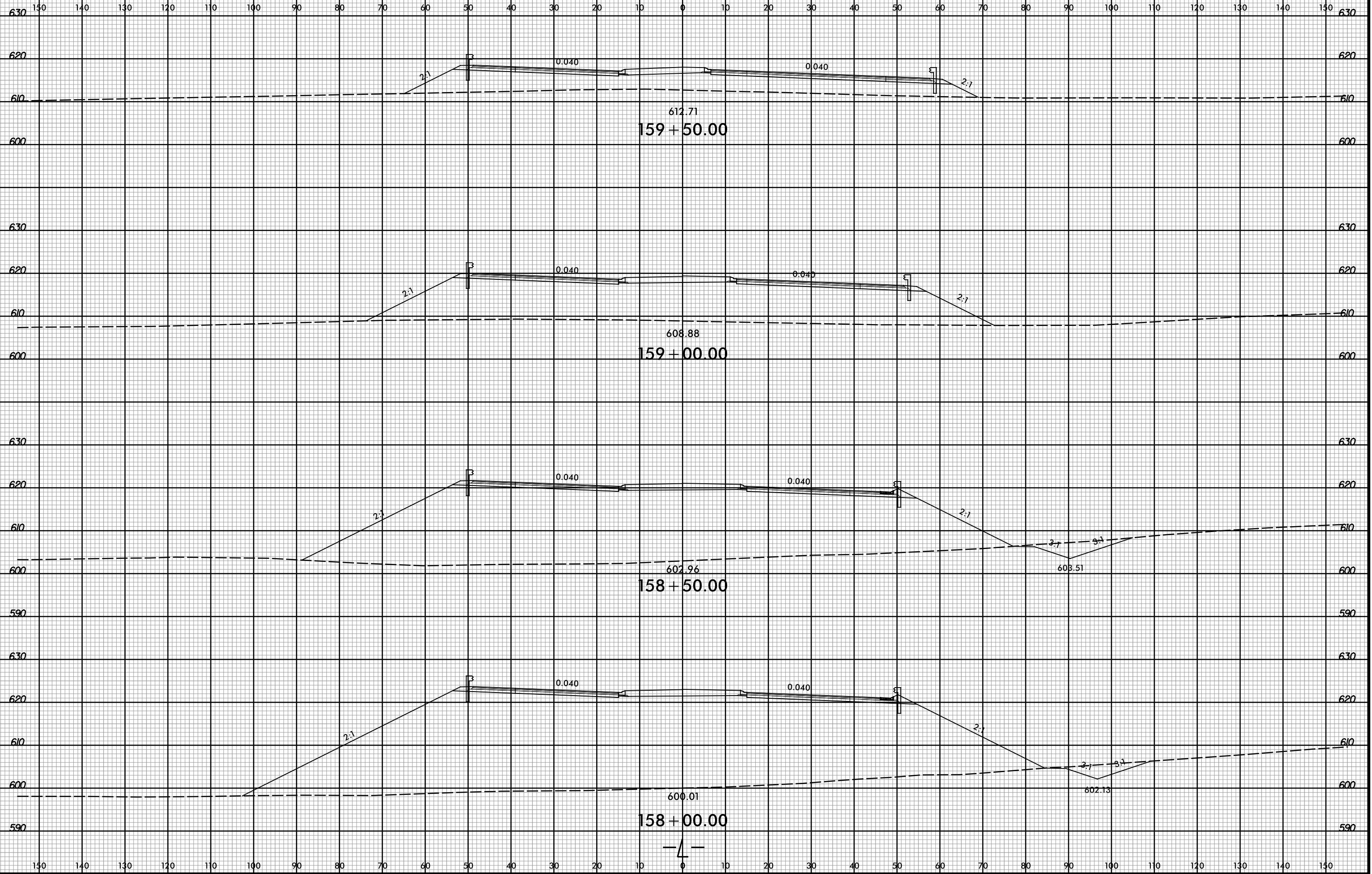
PROJ. REFERENCE NO.
U-3109A

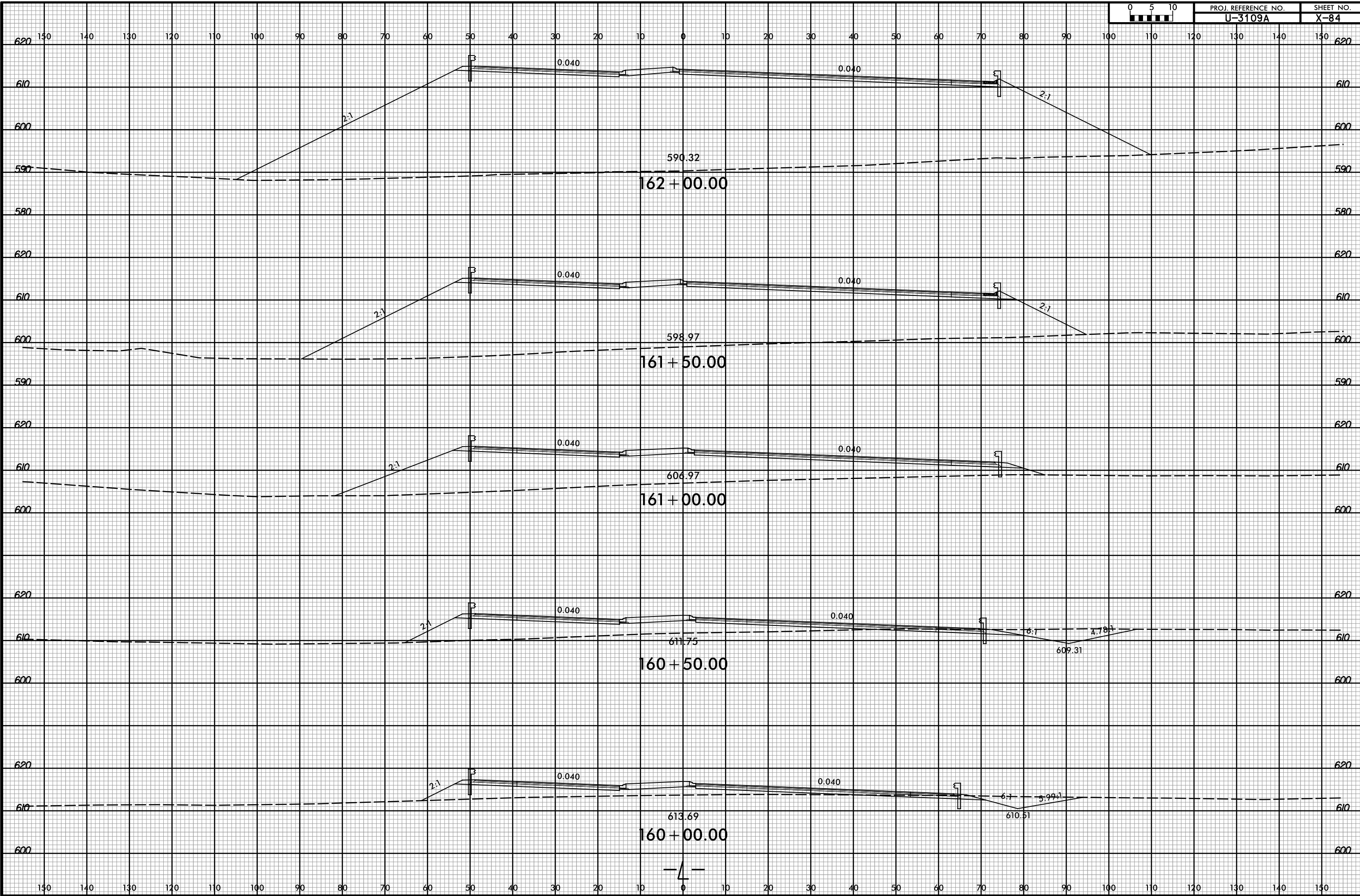
SHEET NO.
X-81

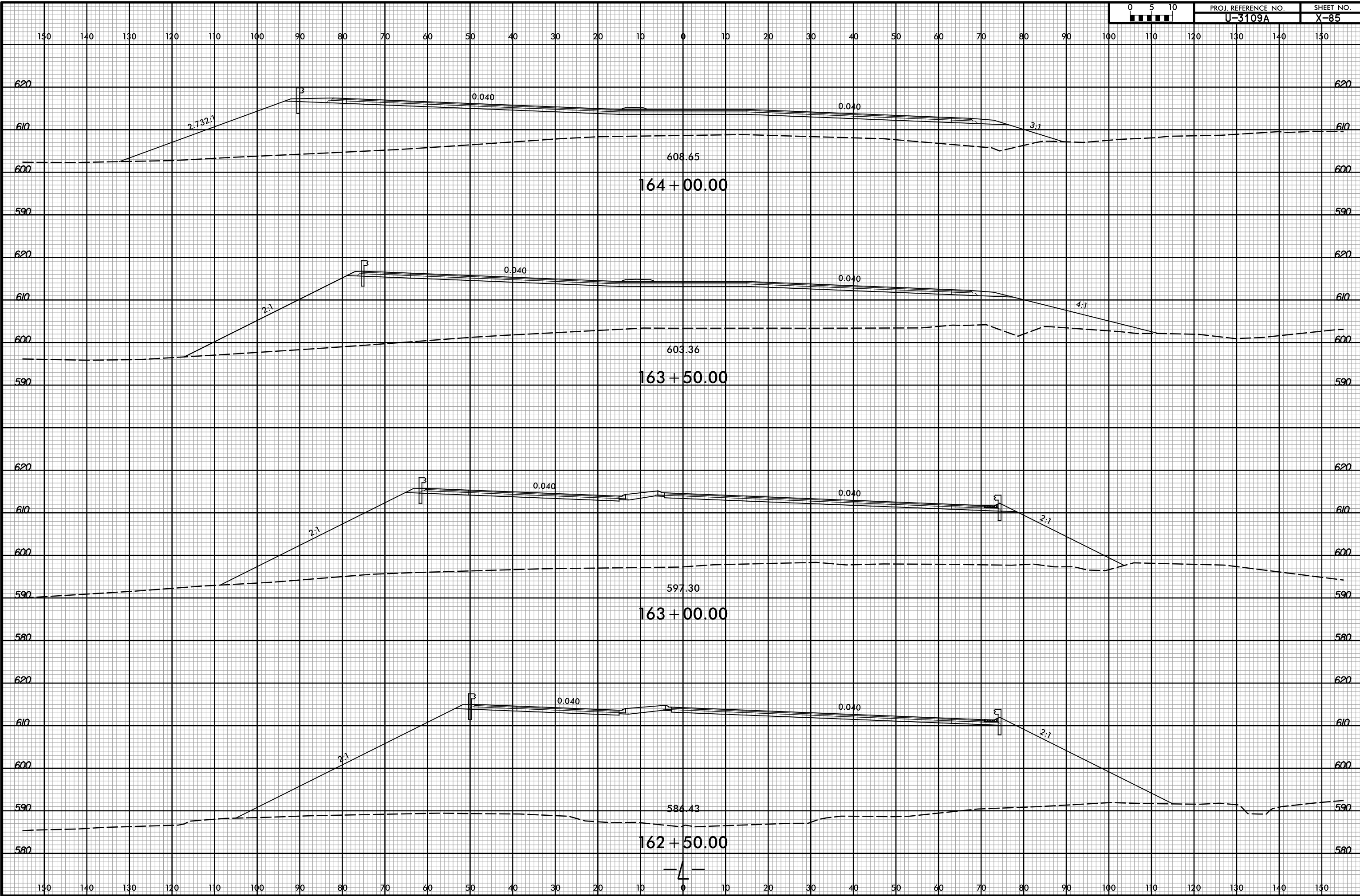


3/2/2017 10:43:18 AM
R:\Roadway\XSC\13109A_Rdy_xp1.L.dgn
User: Todd.Buckner





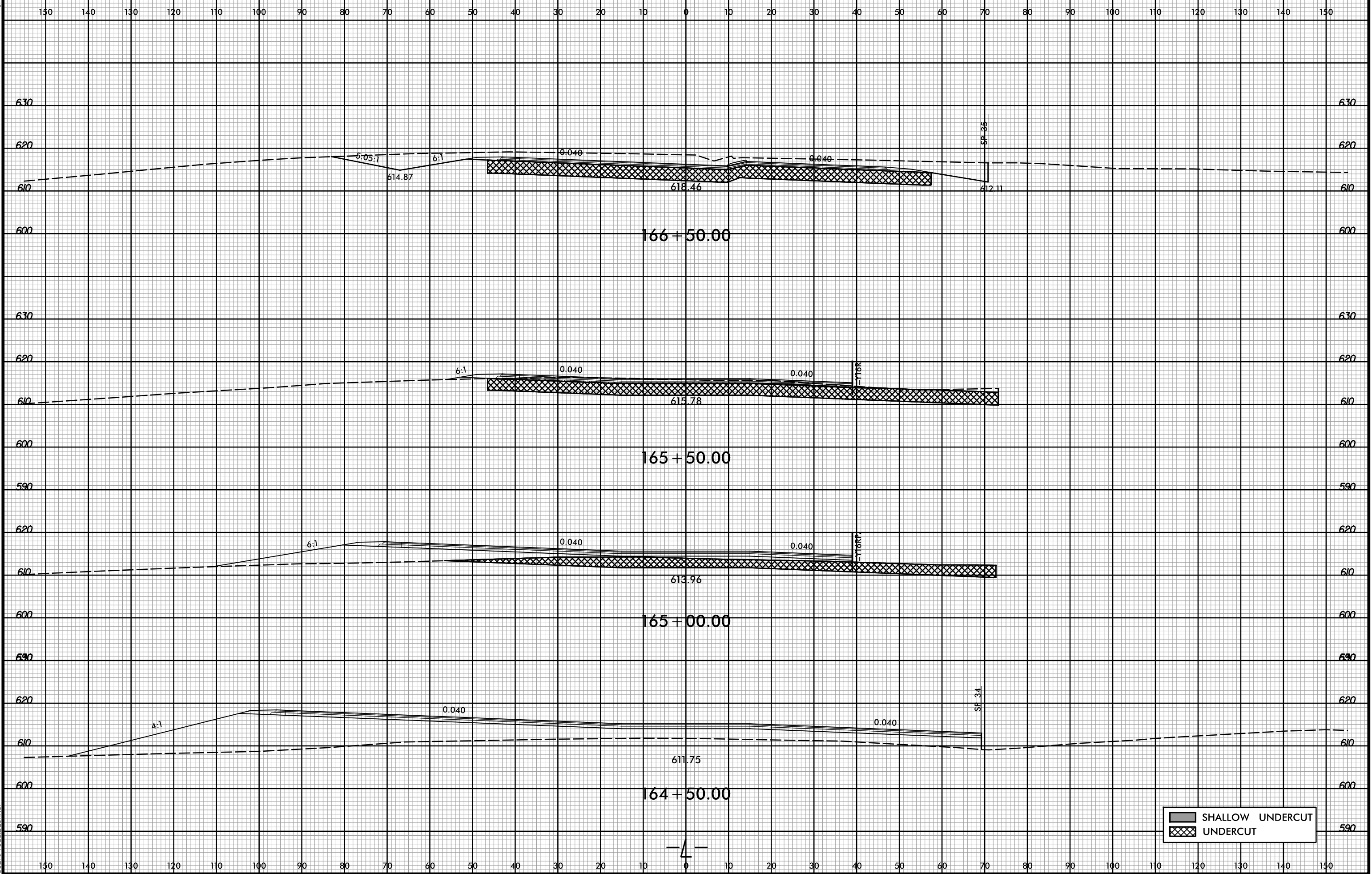




8/23/99



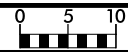
PROJ. REFERENCE NO. U-3109A SHEET NO. X-86



3/2/2017 10:43:21AM
R:\Roadway\XSC\113109A_Rdy_xp1.dgn
User: Todd.Buckner

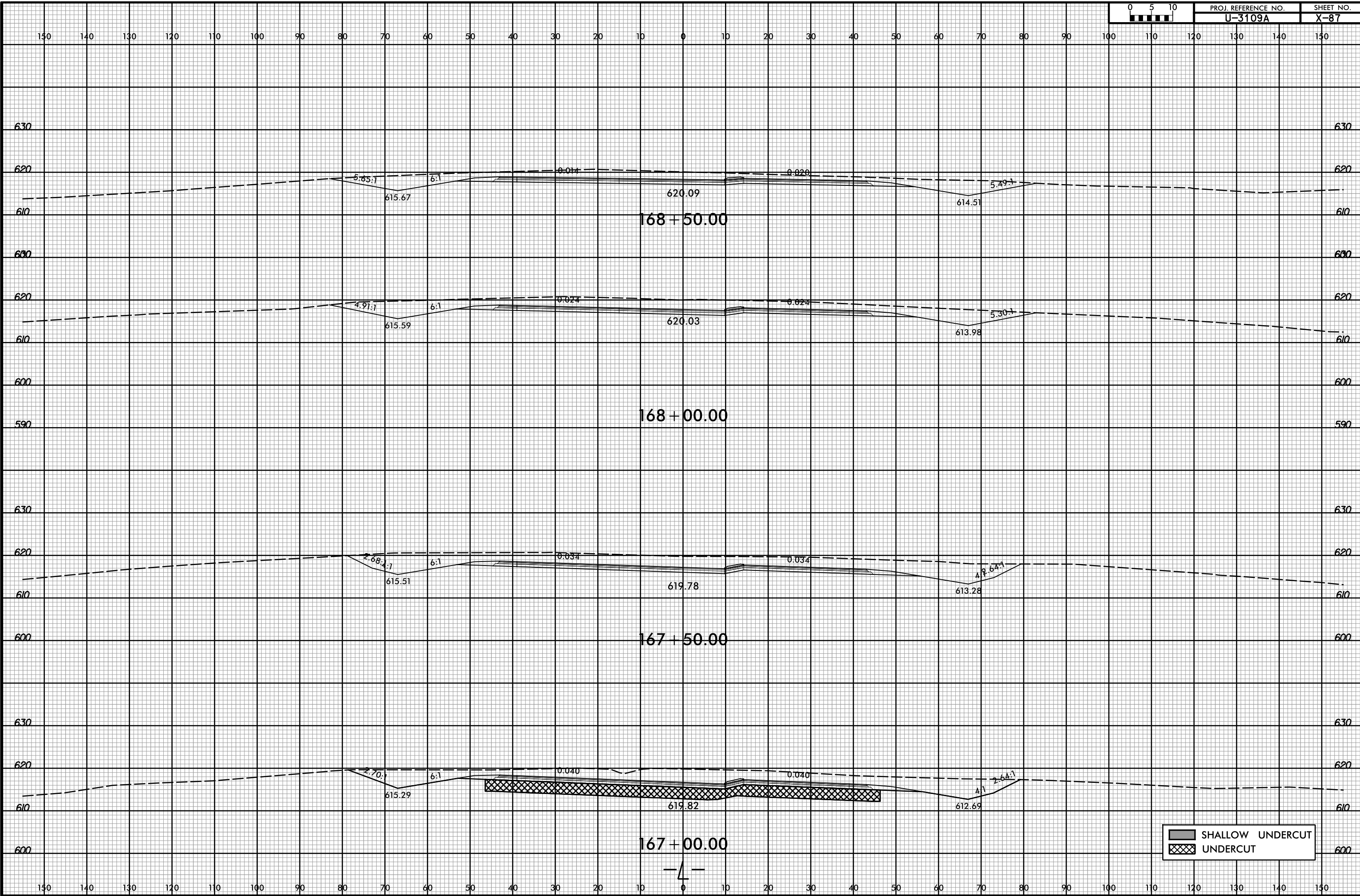
SHALLOW UNDERCUT
UNDERCUT

8/23/99



PROJ. REFERENCE NO.
U-3109A

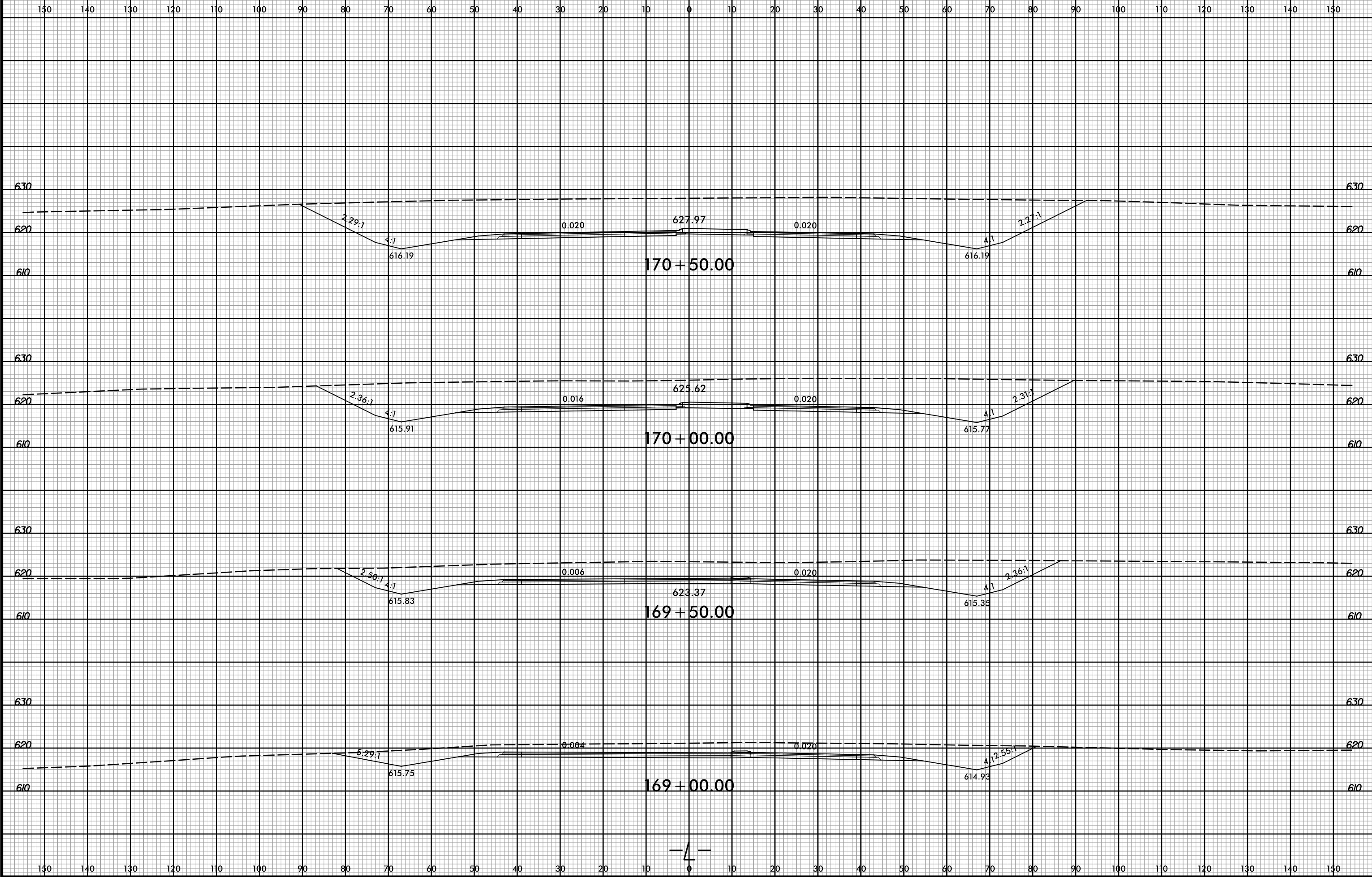
SHEET NO.
X-87



SHALLOW UNDERCUT

 UNDERCUT

3/2/2017 10:43:21AM
R:\Roadway\XSC\113109A_Rdy_xp1.dgn
User: Todd.Buckner

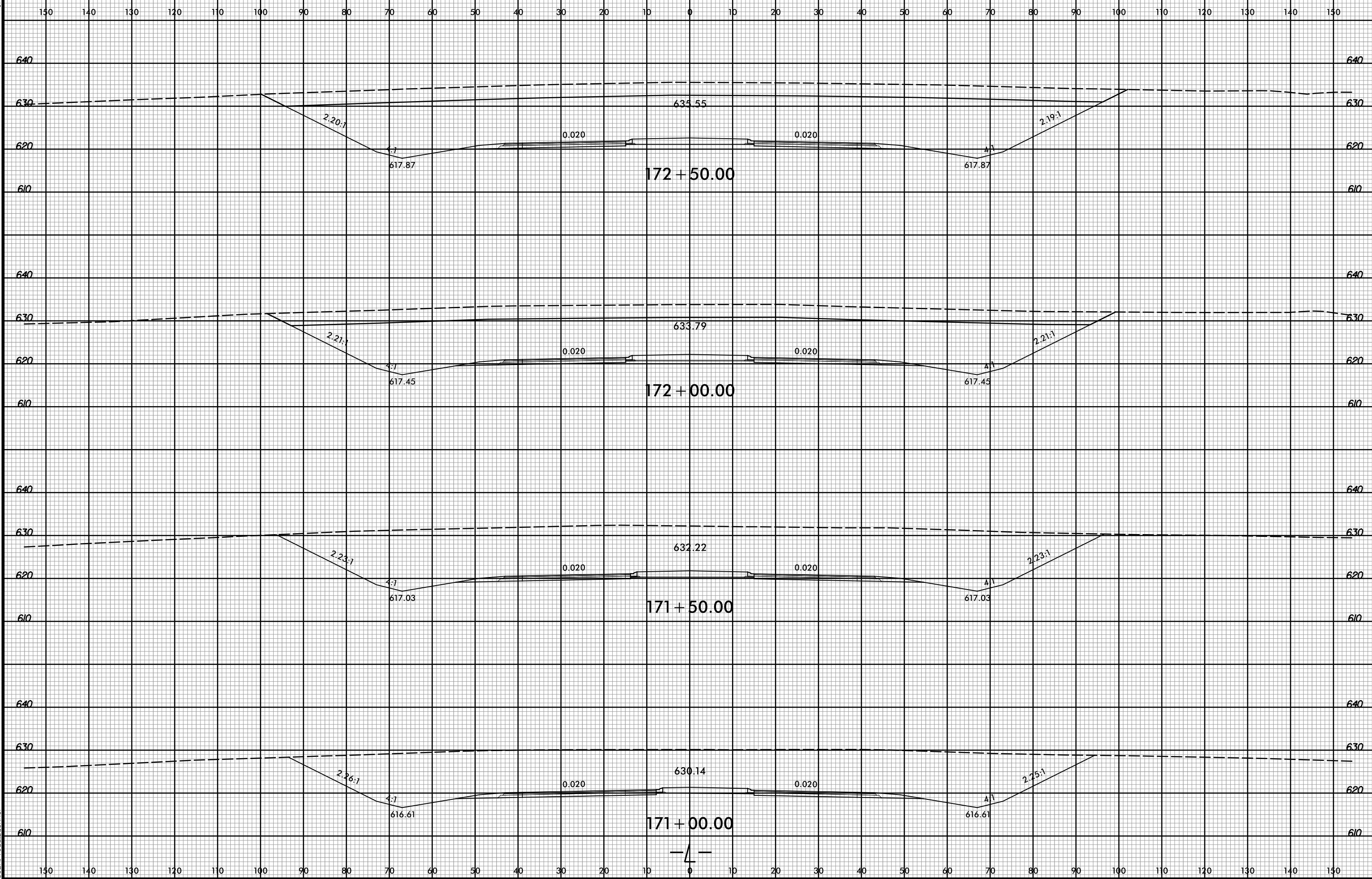


8/23/99

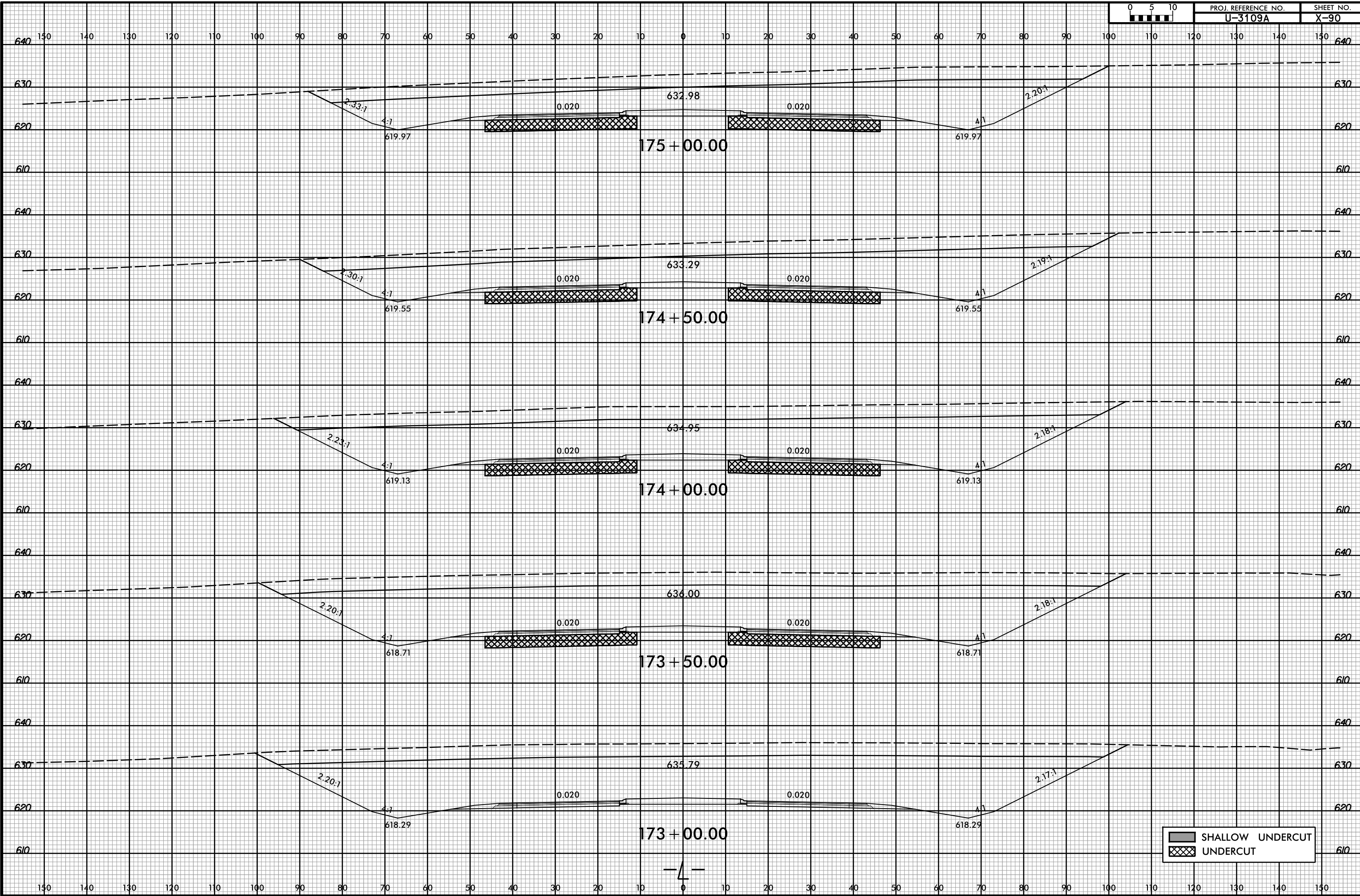


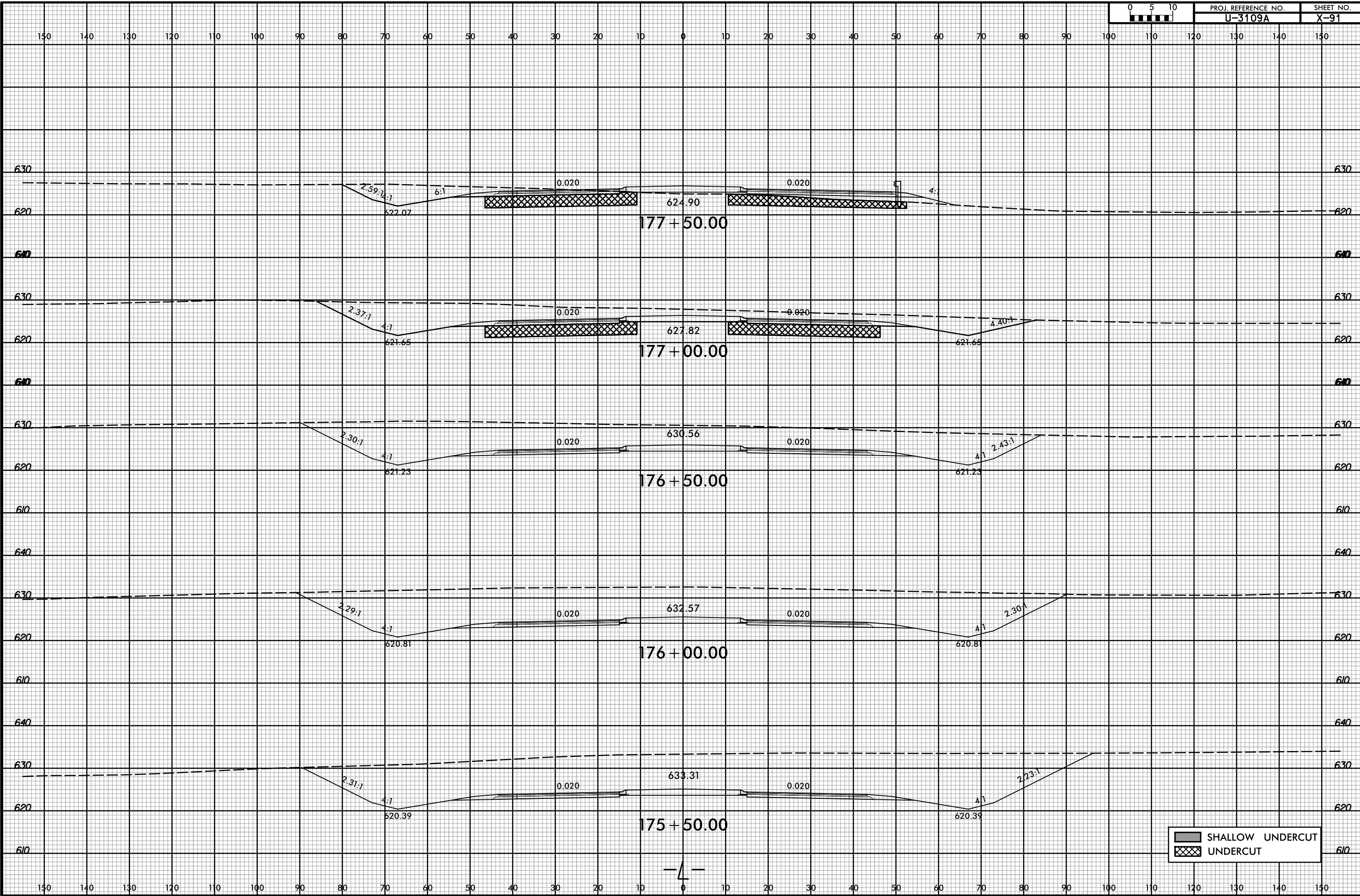
PROJ. REFERENCE NO.
U-3109A

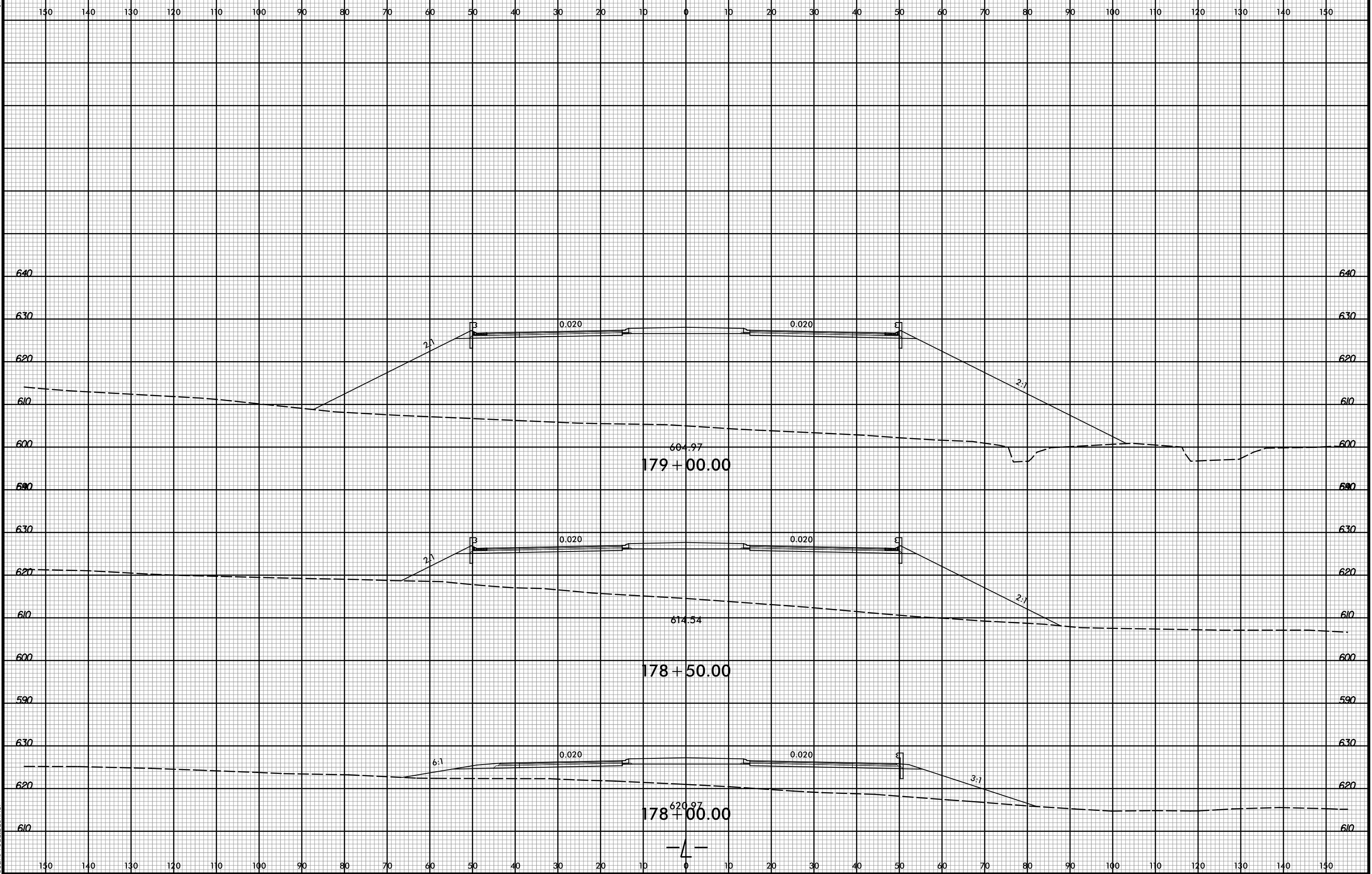
SHEET NO.
X-89

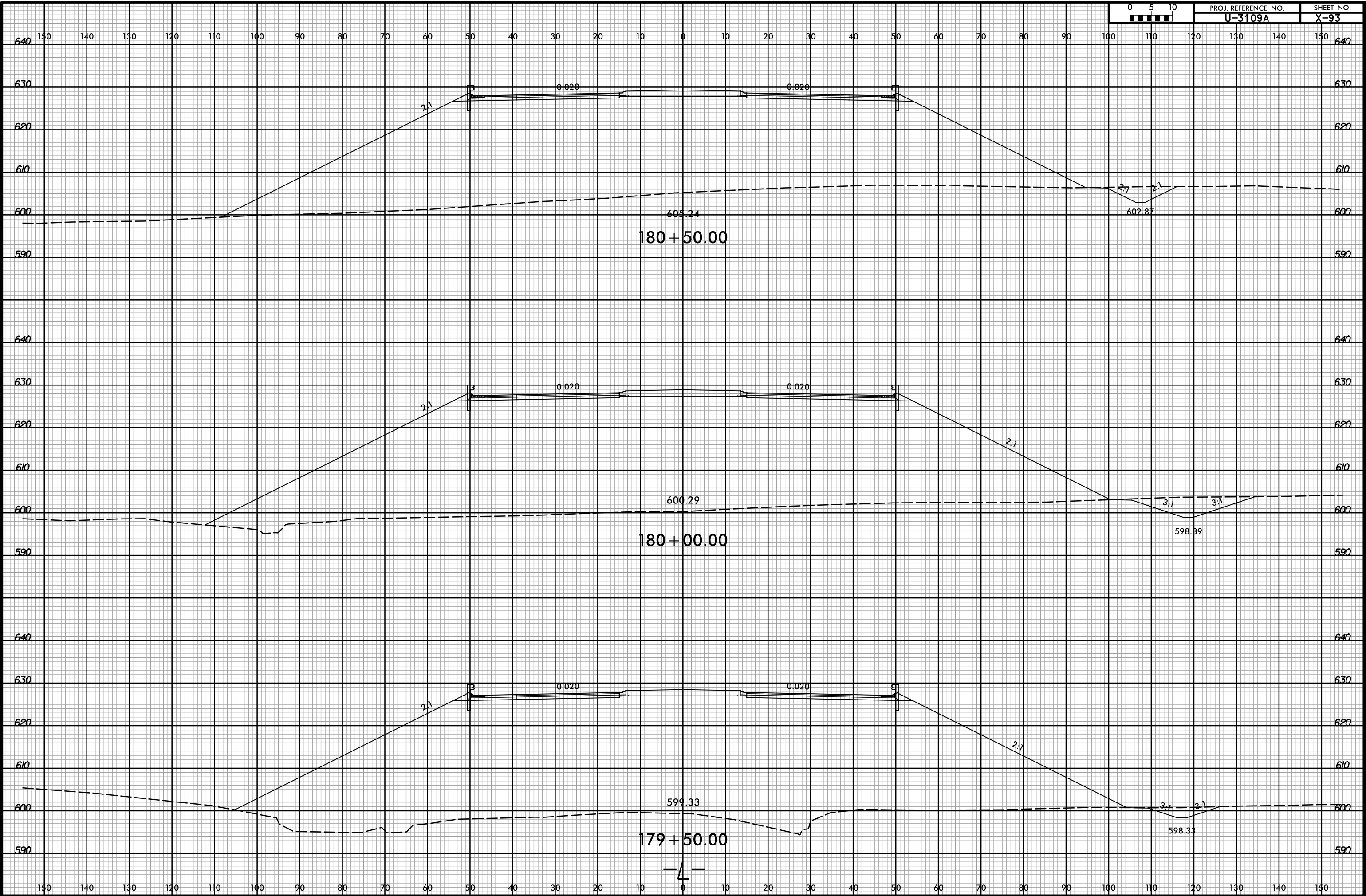


3/2/2017 10:43:22 AM
R:\Roadway\XSC\13109A_Rdy...xp1...dgn
User: Todd.Buckner

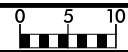






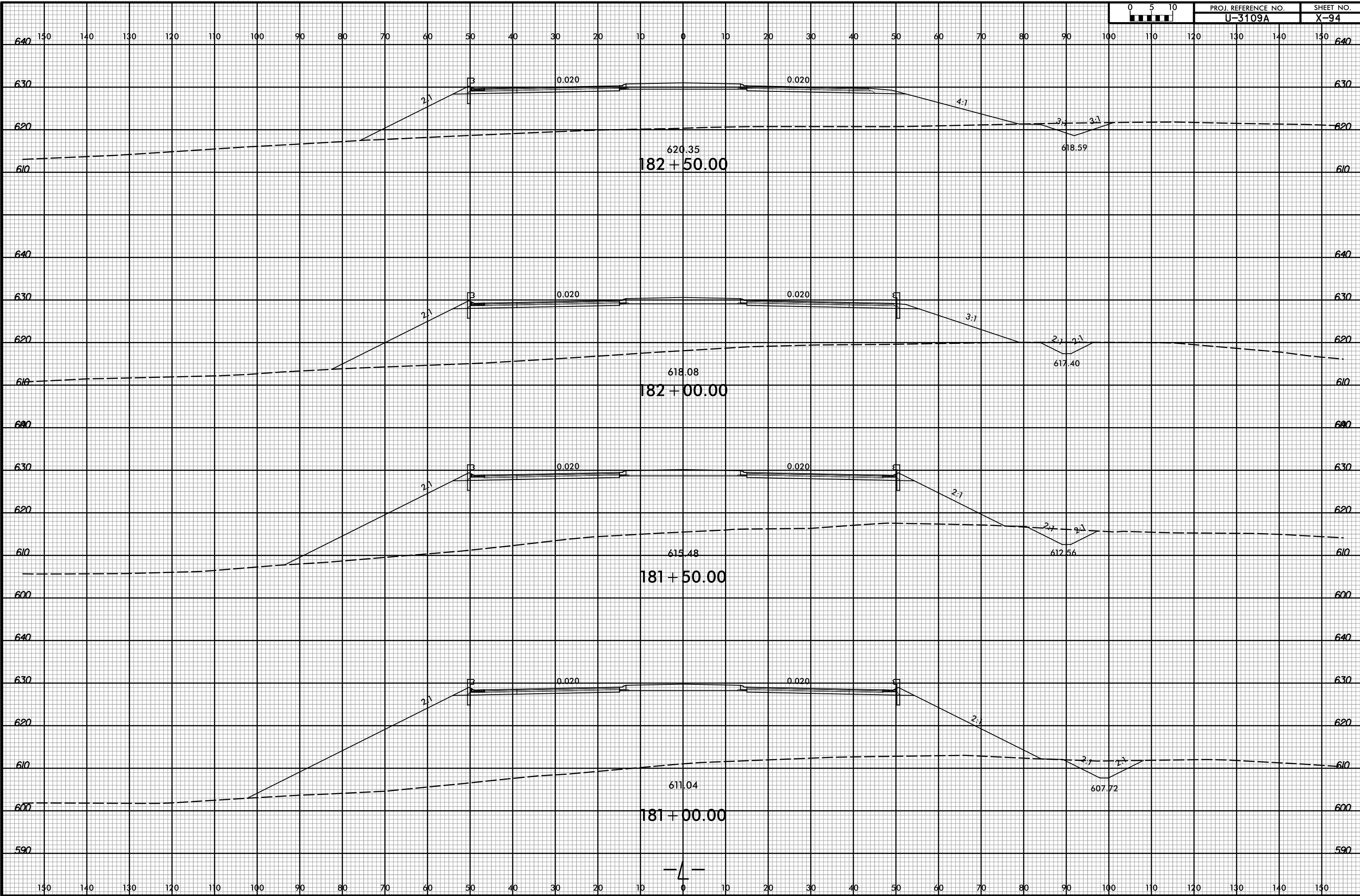


8/23/99



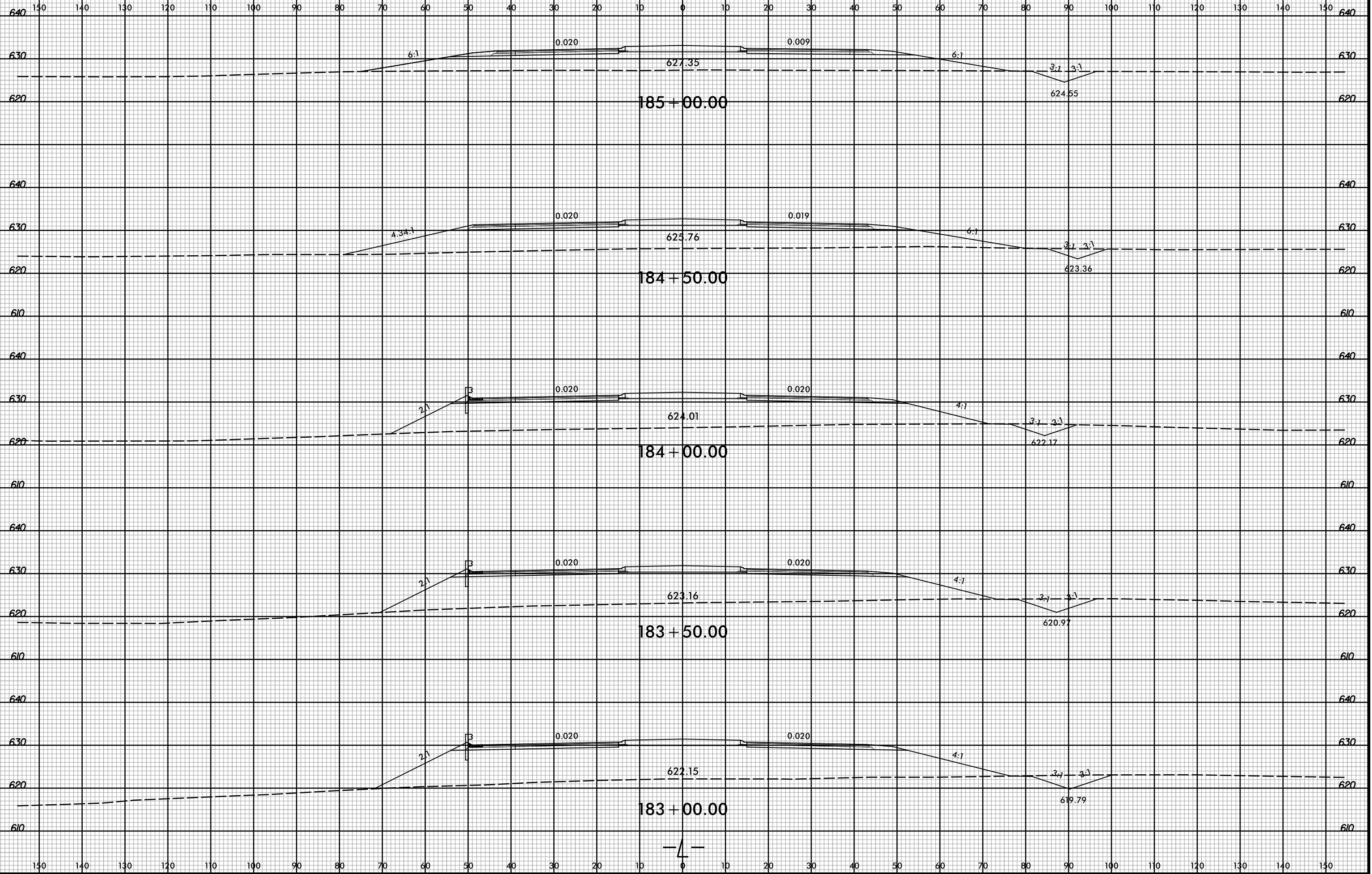
PROJ. REFERENCE NO.
U-3109A

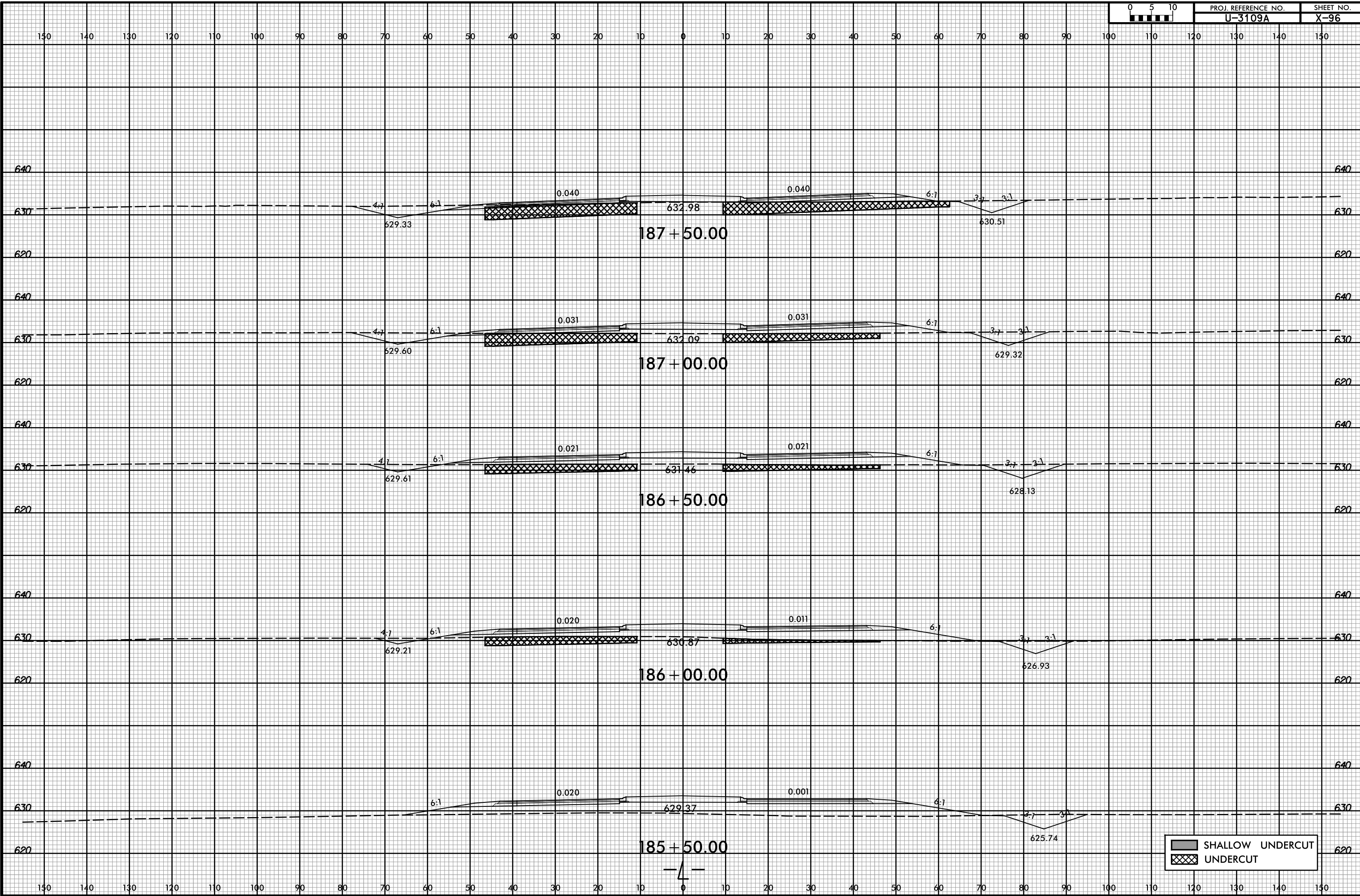
SHEET NO.
X-94





3/2/2017 10:43:24 AM
R:\Roadway\XSC\13109A_Rdy_xpl.dgn
User: Todd.Buckner

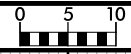




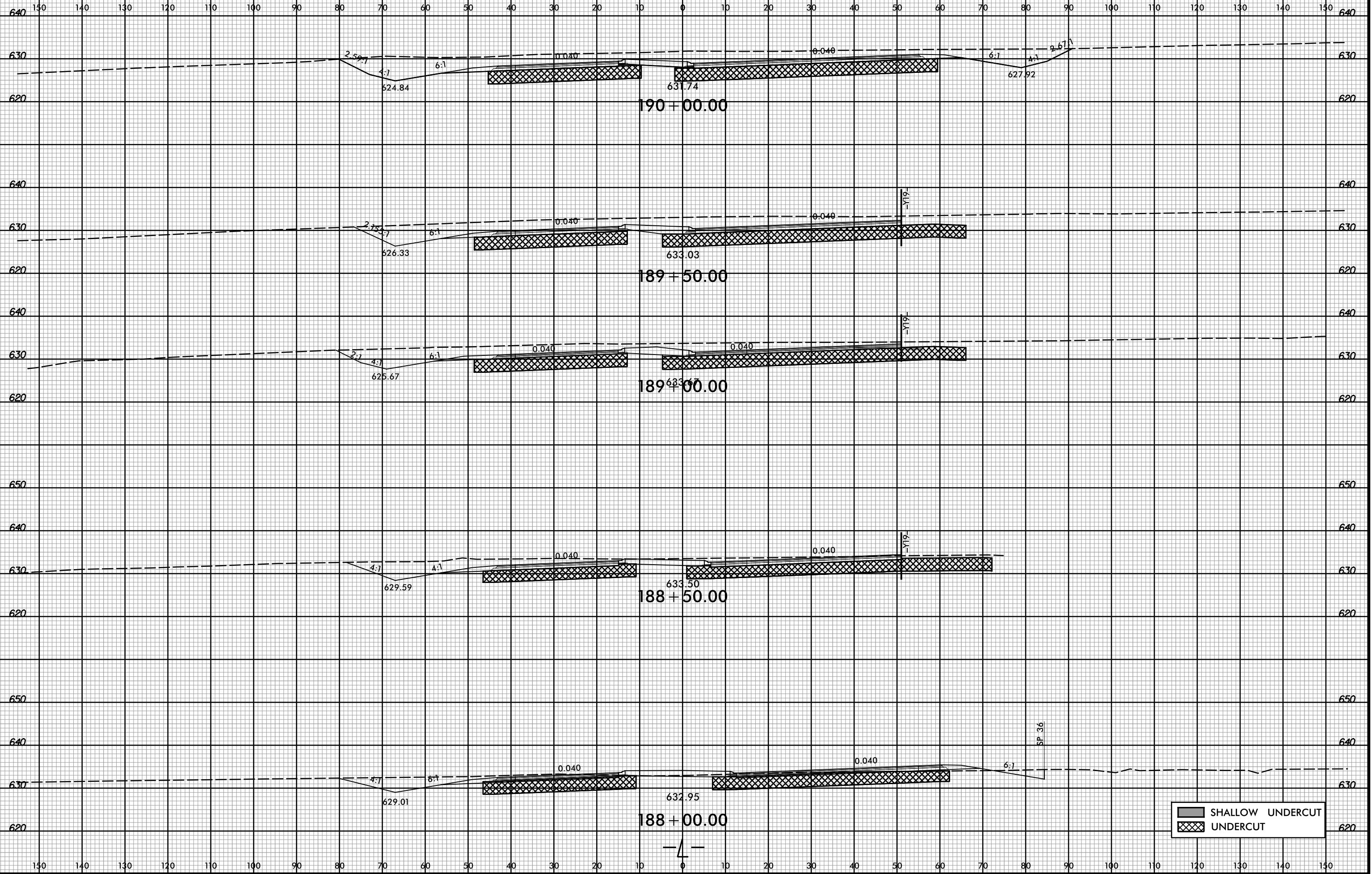


 SHALLOW UNDERCUT
 UNDERCUT

8/23/99

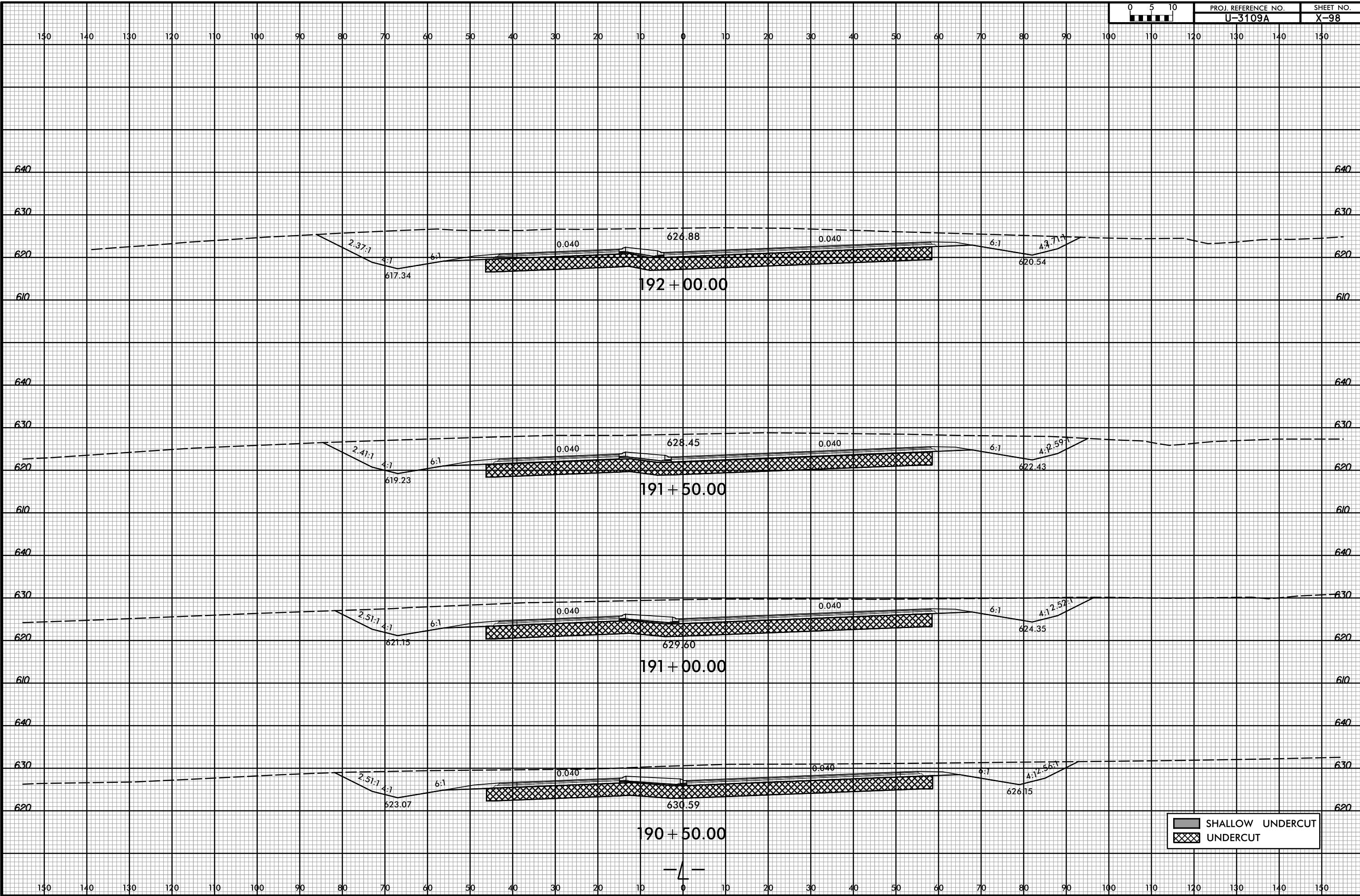




PROJ. REFERENCE NO. U-3109A SHEET NO. X-97

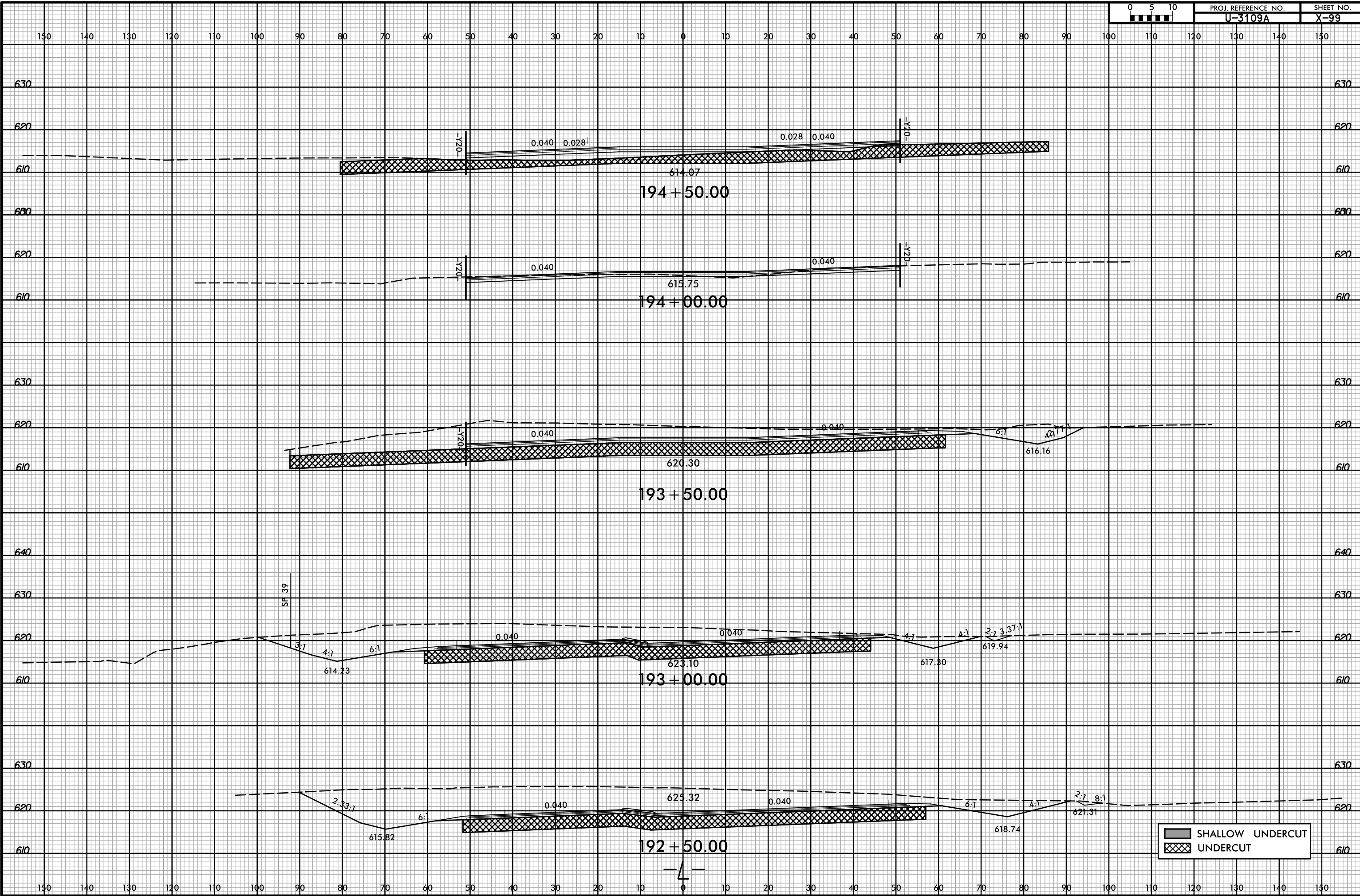


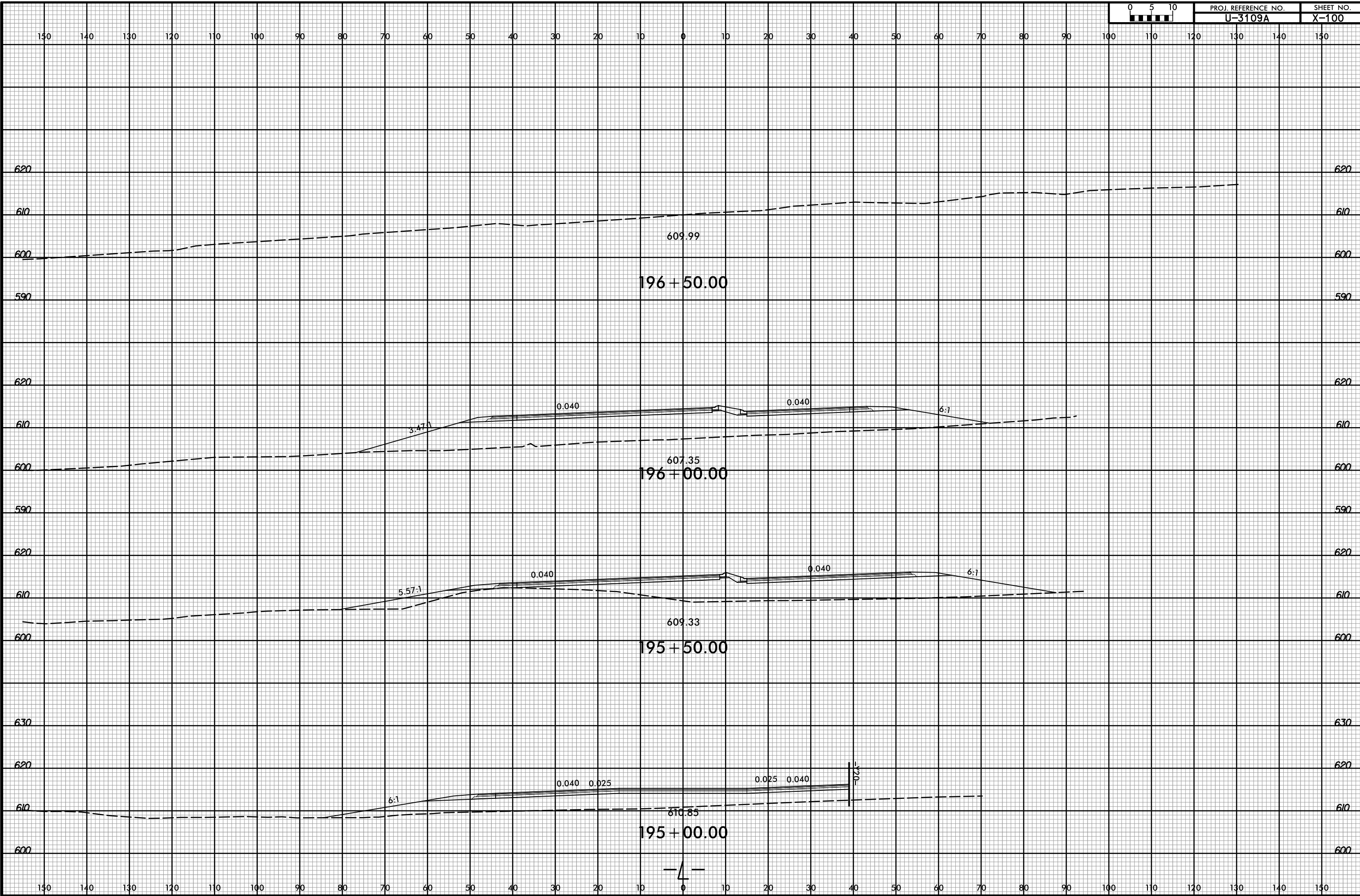
SHALLOW UNDERCUT
 UNDERCUT

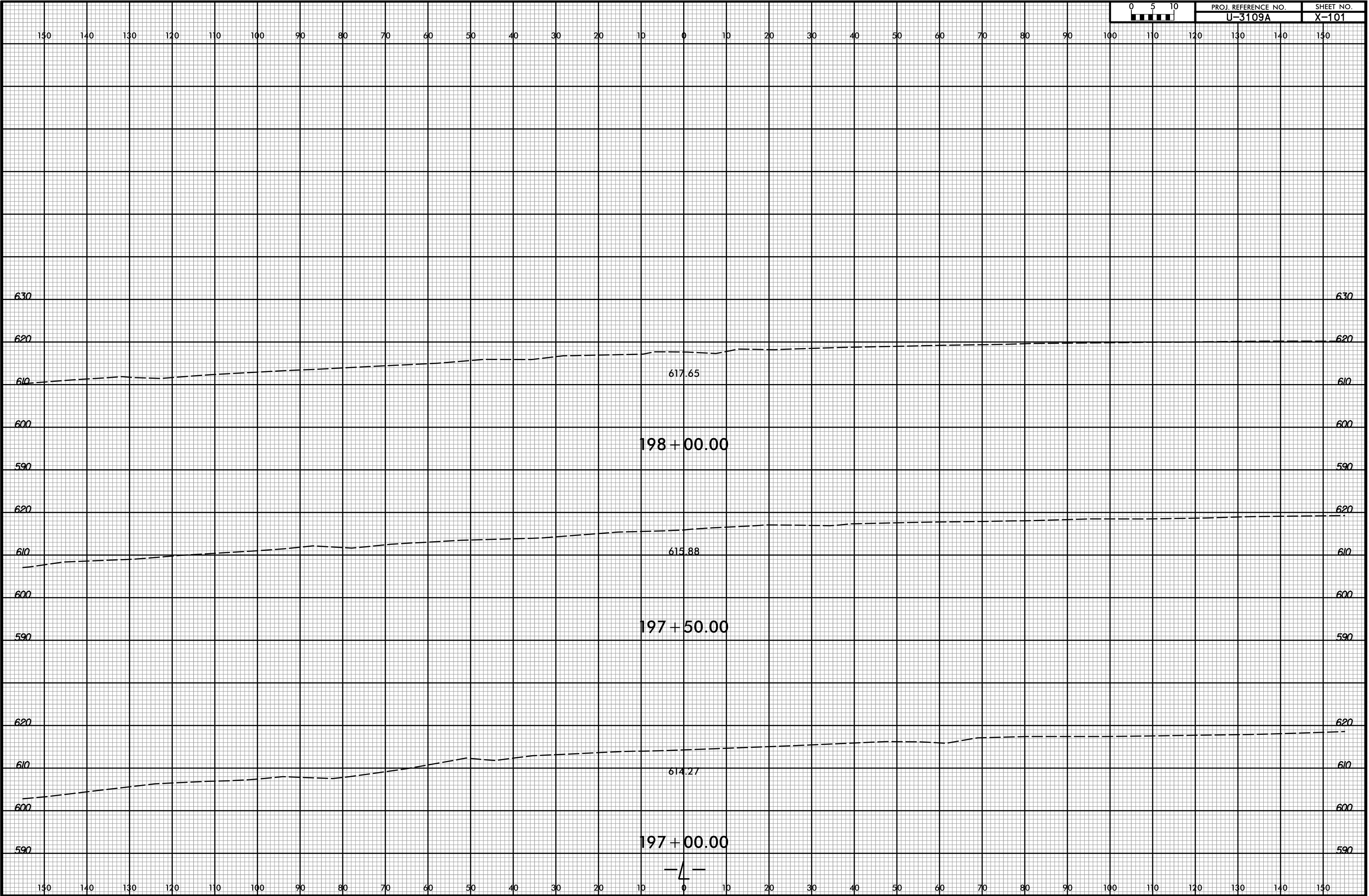
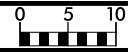
3/2/2017 10:43:25 AM R:\Roadway\XSC\13109A_Rdy_xpl.dgn User: Todd.Buckner



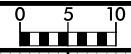
 SHALLOW UNDERCUT
 UNDERCUT



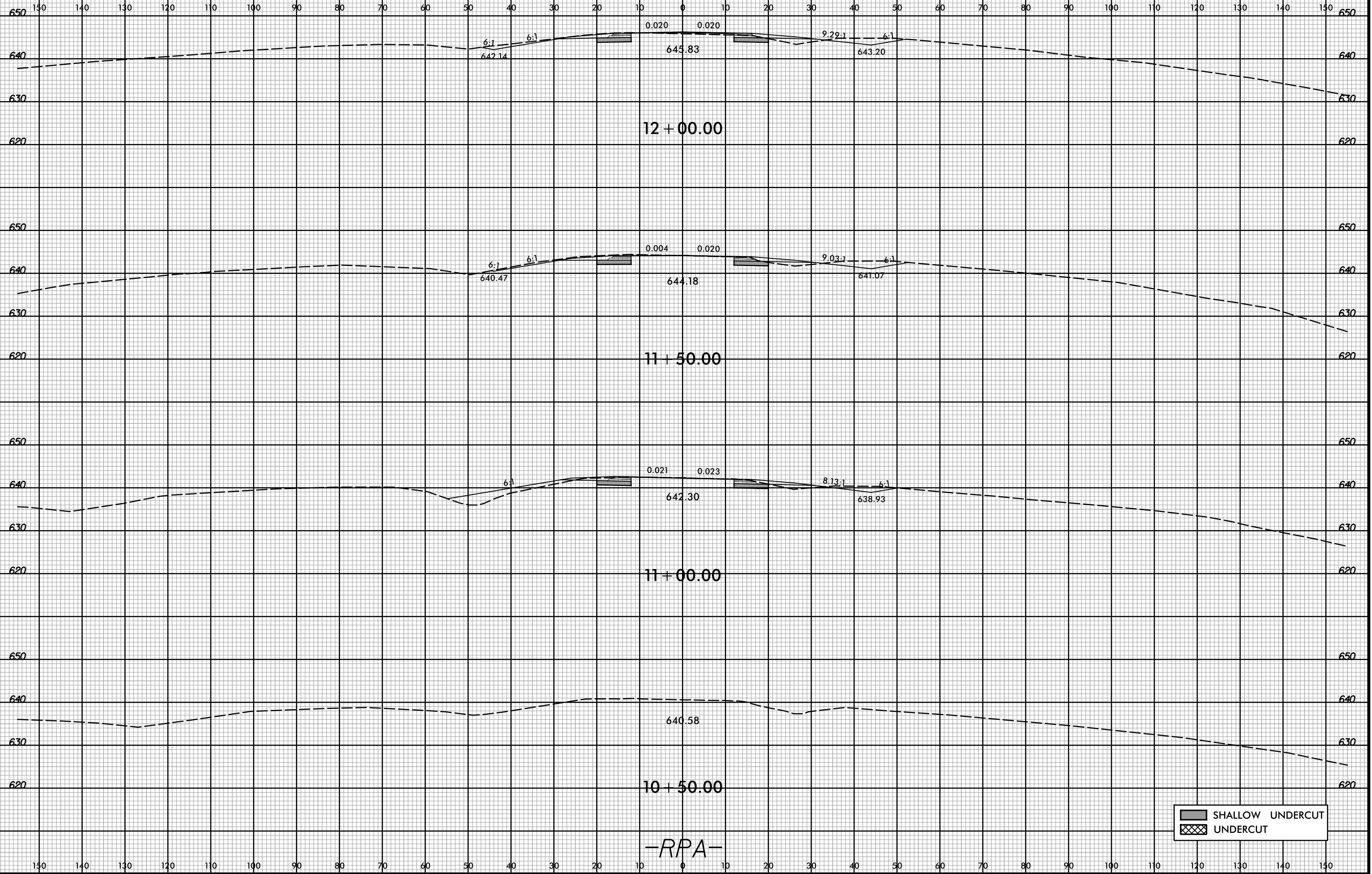




8/23/99



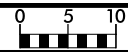
PROJ. REFERENCE NO. U-3109A SHEET NO. X-102



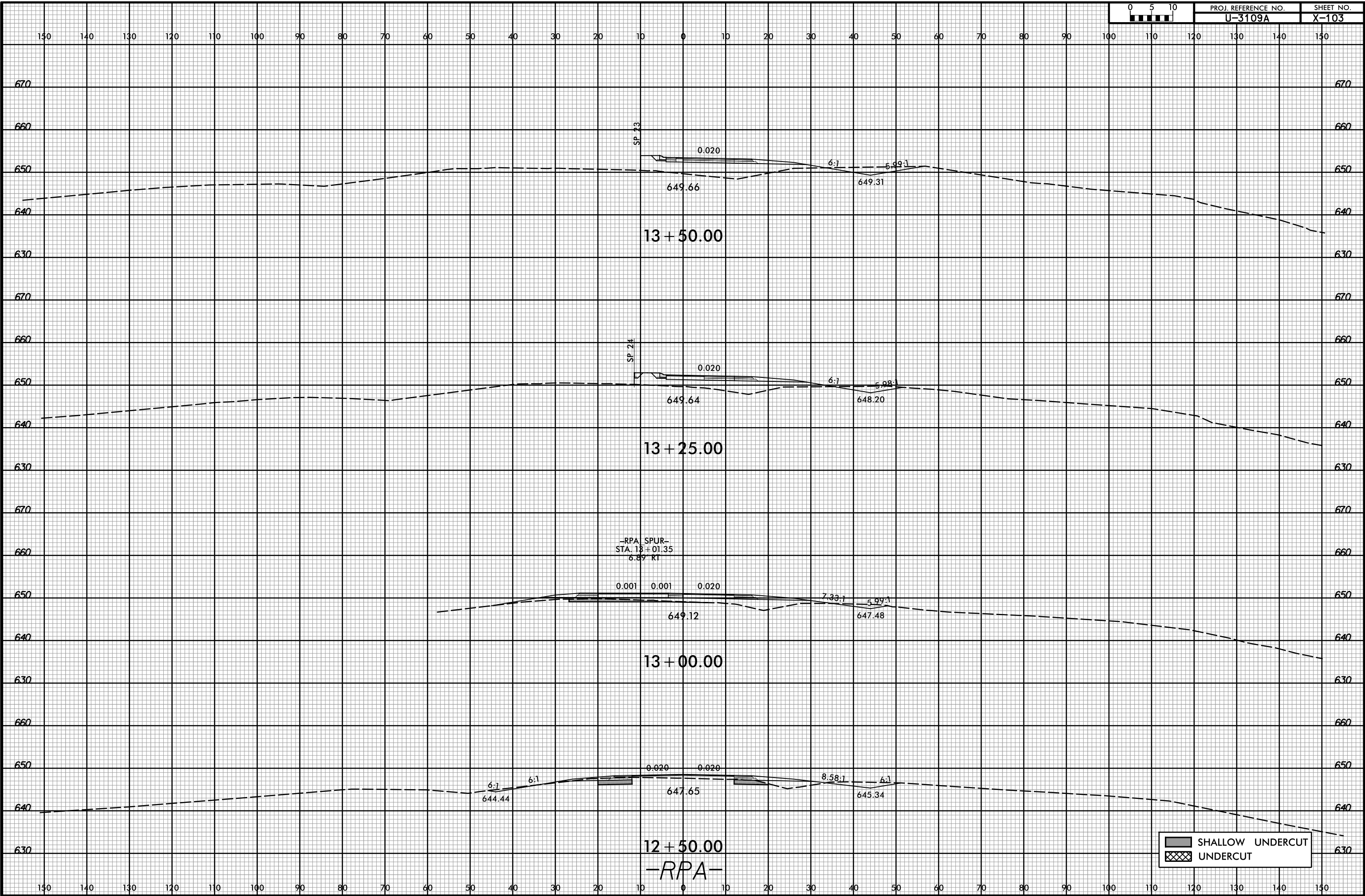
3/2/2017 10:43:28 AM
R:\Roadway\XSCA\13109A_Rdy_xpl_RPA.dgn
User: Todd.Buckner

-RPA-

8/23/99

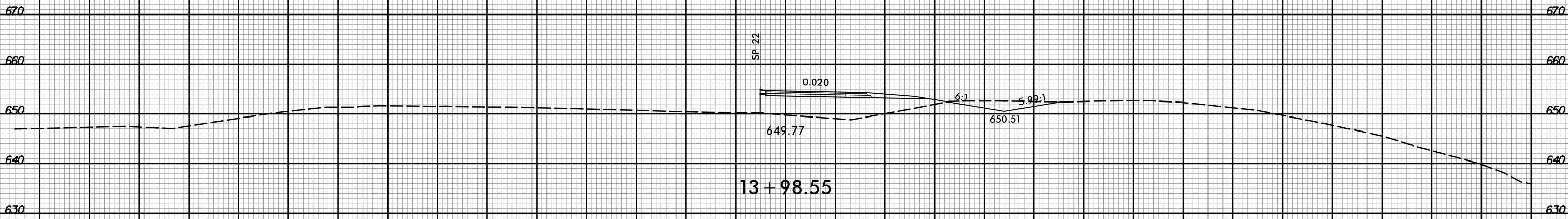


PROJ. REFERENCE NO. U-3109A SHEET NO. X-103



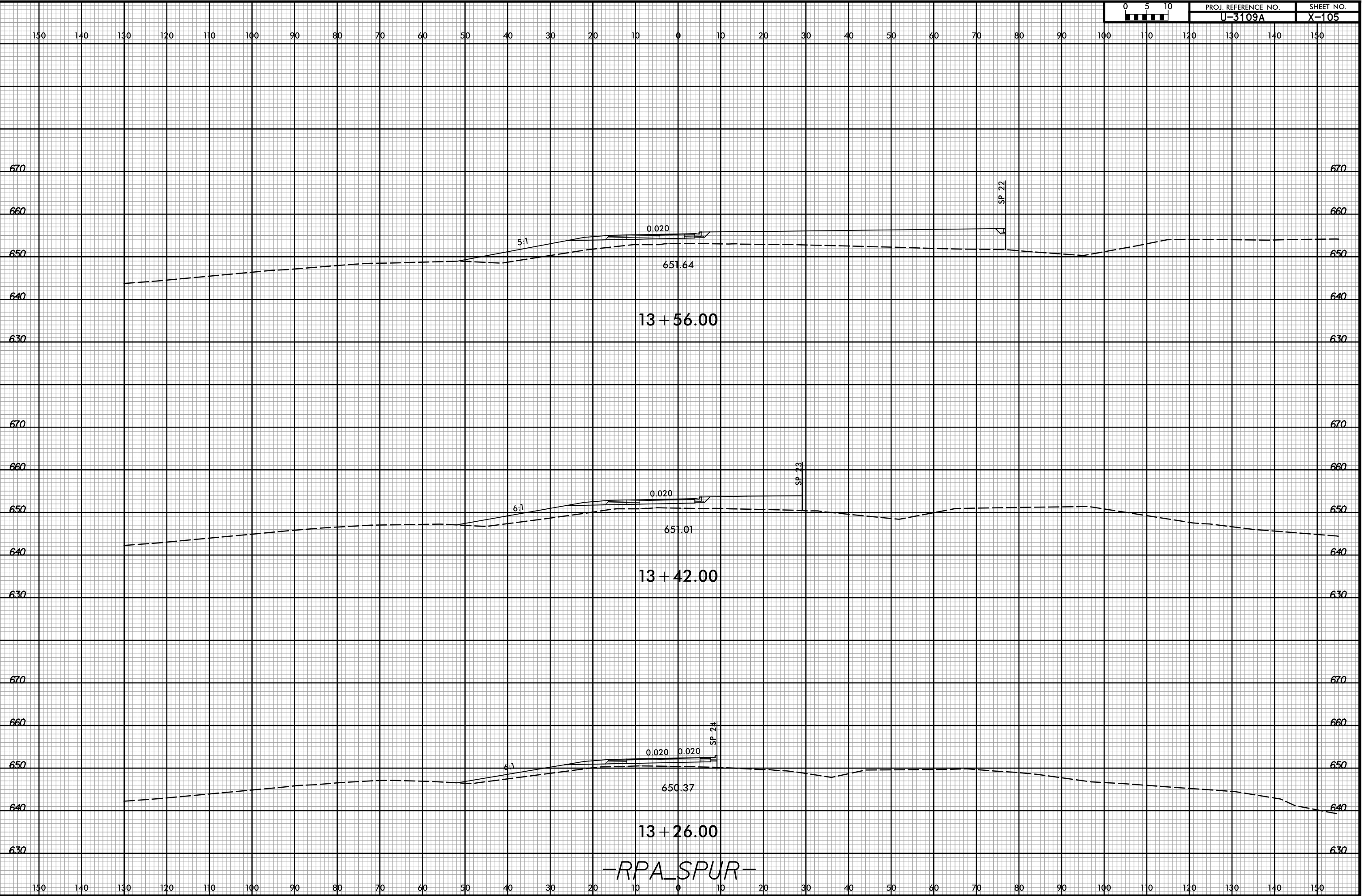
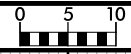
3/2/2017 10:43:28 AM R:\Roadway\XSCA\13109A_Rdy_xp_L_RPA.dgn User: Todd.Buckner

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



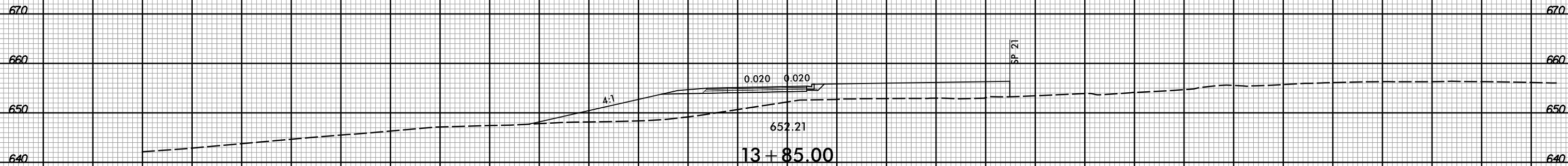
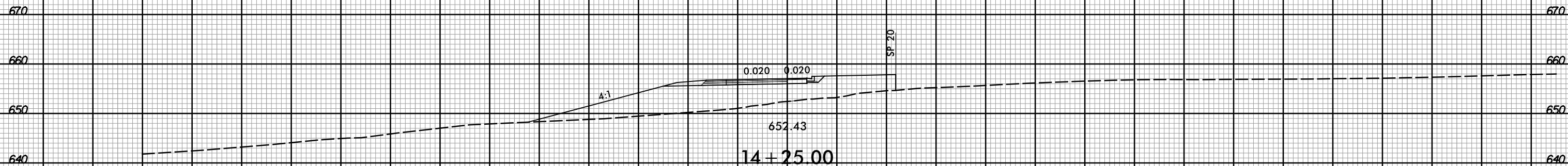
-RPA-

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



-RPA_SPUR-

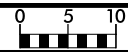
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



-RPA_SPUR-

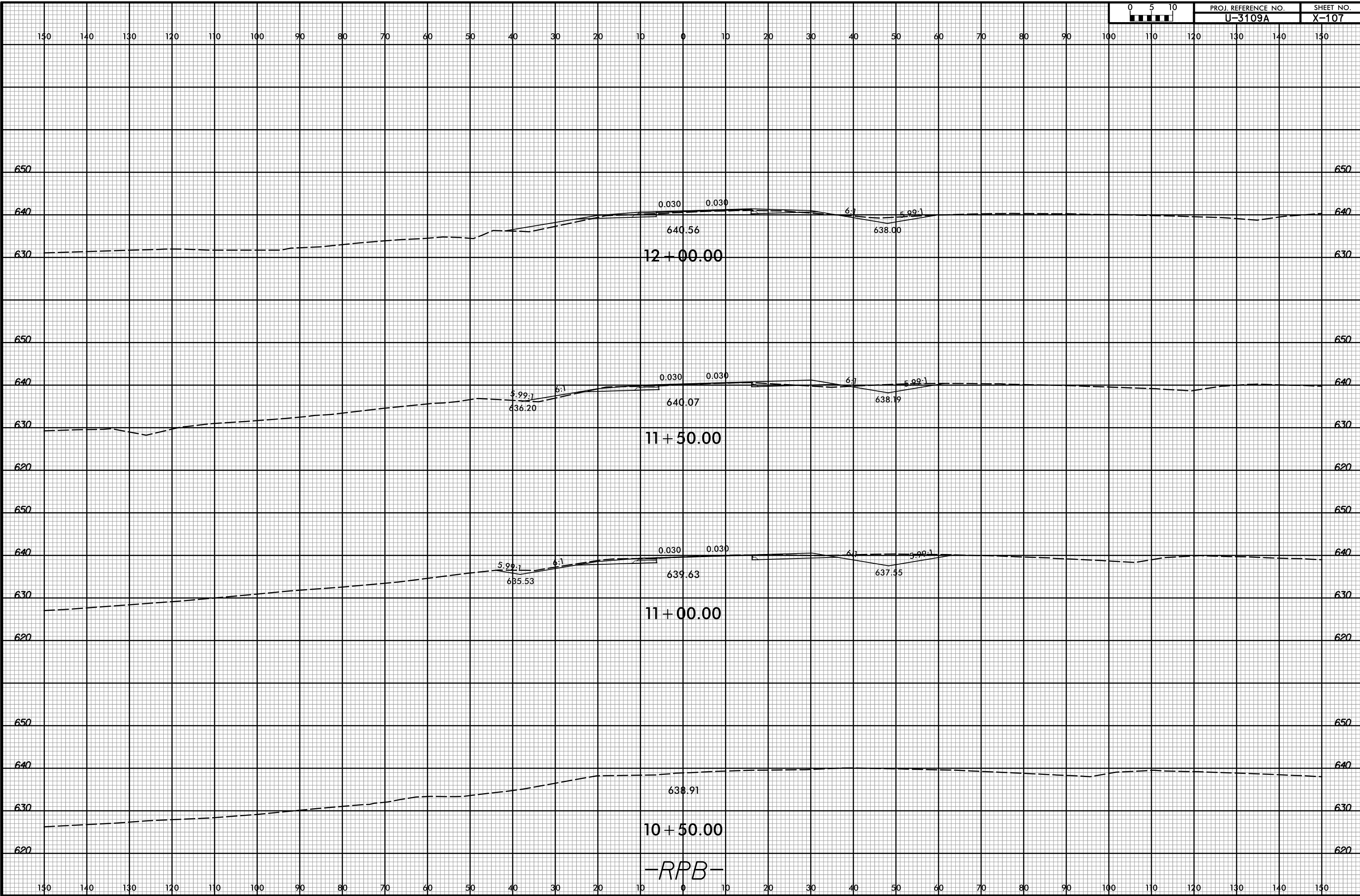
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

8/23/99



PROJ. REFERENCE NO.
U-3109A

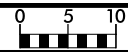
SHEET NO.
X-107



3/2/2017 10:43:30 AM
R:\Roadway\XSC\13109A_Rdy_xpl_RPB.dgn
User: Todd.Buckner

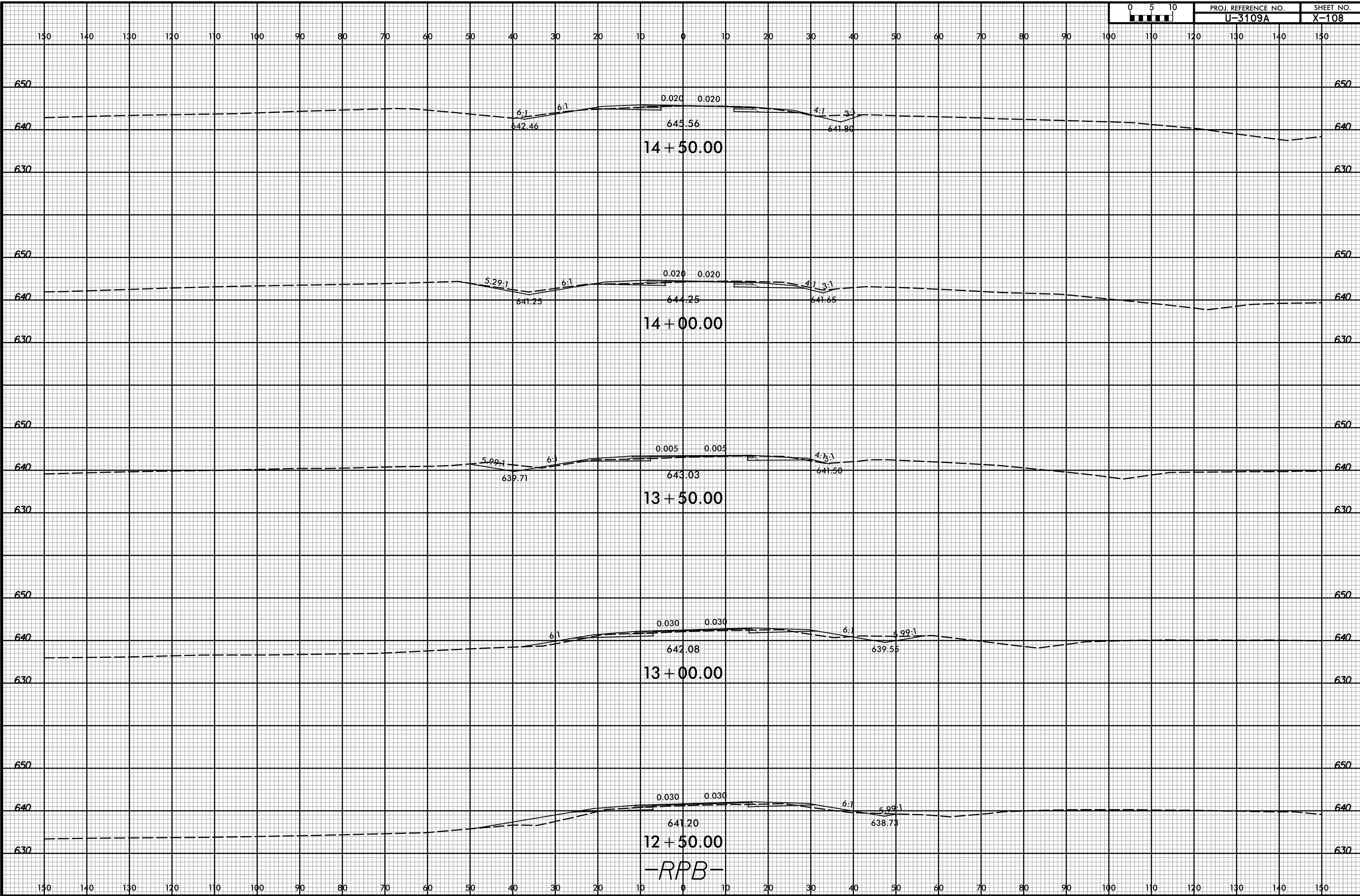
-RPB-

8/23/99



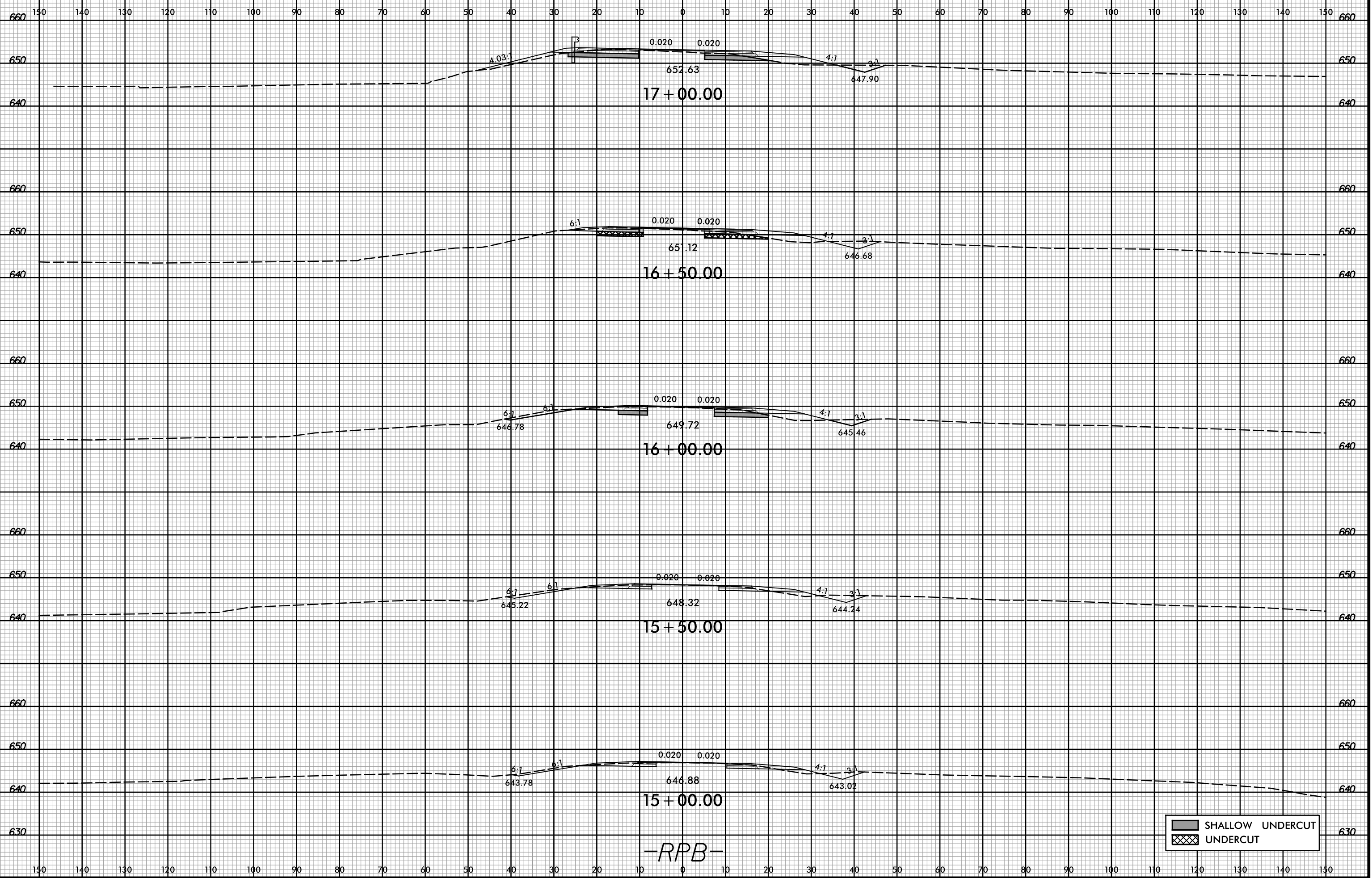
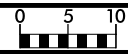
PROJ. REFERENCE NO.
U-3109A

SHEET NO.
X-108



3/2/2017 10:43:30 AM
R:\Roadway\XSC\13109A_Rdy_xpl_RPB.dgn
User: Todd.Buckner

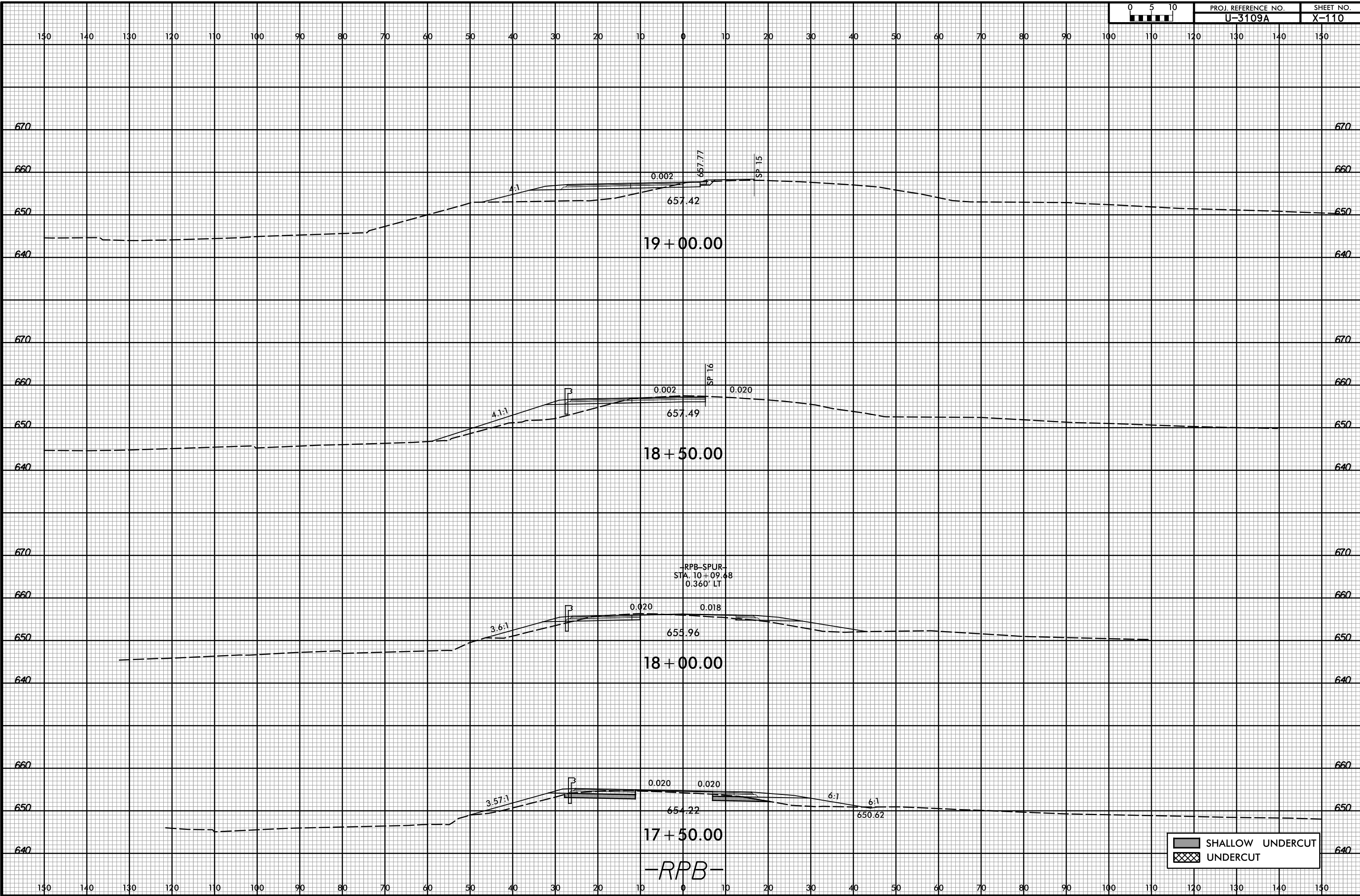
8/23/99

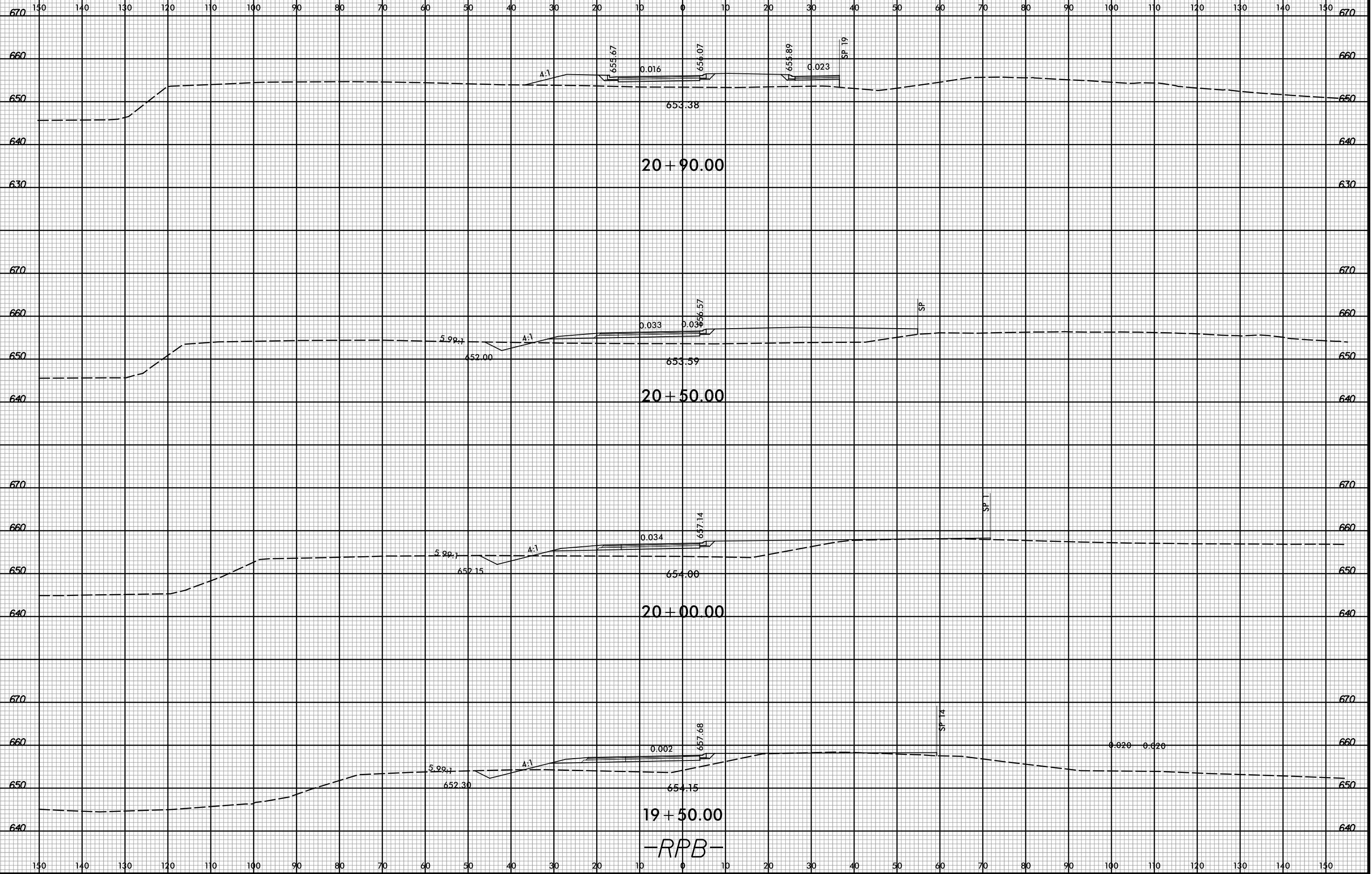


-RPB-

SHALLOW UNDERCUT
UNDERCUT

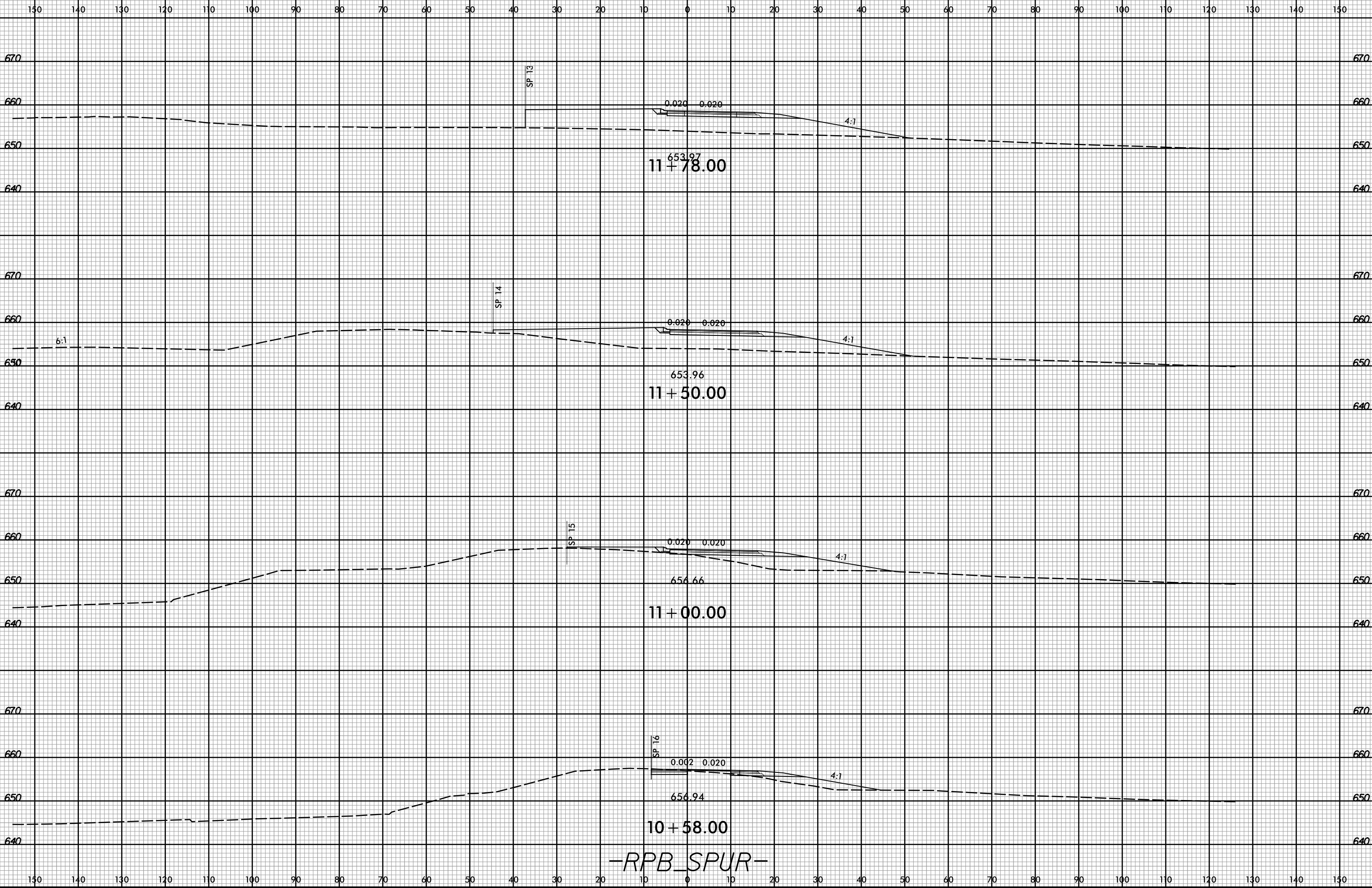
3/2/2017 10:43:31 AM
R:\Roadway\XSC\113109A_Rdy_xpl_RPB.dgn
User: Todd.Buckner





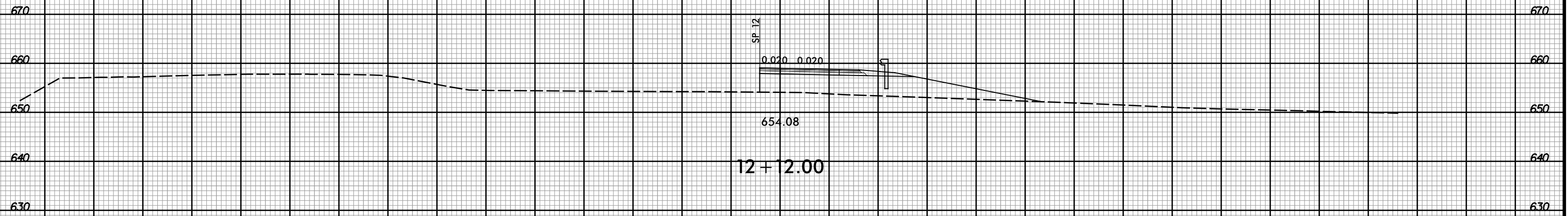
-RPB-

8/23/99



3/2/2017 10:43:32 AM
 R:\Roadway\XSC\13109A_Rdy_xp_L_RPB_SPUR.dgn
 User: Todd.Buckner

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

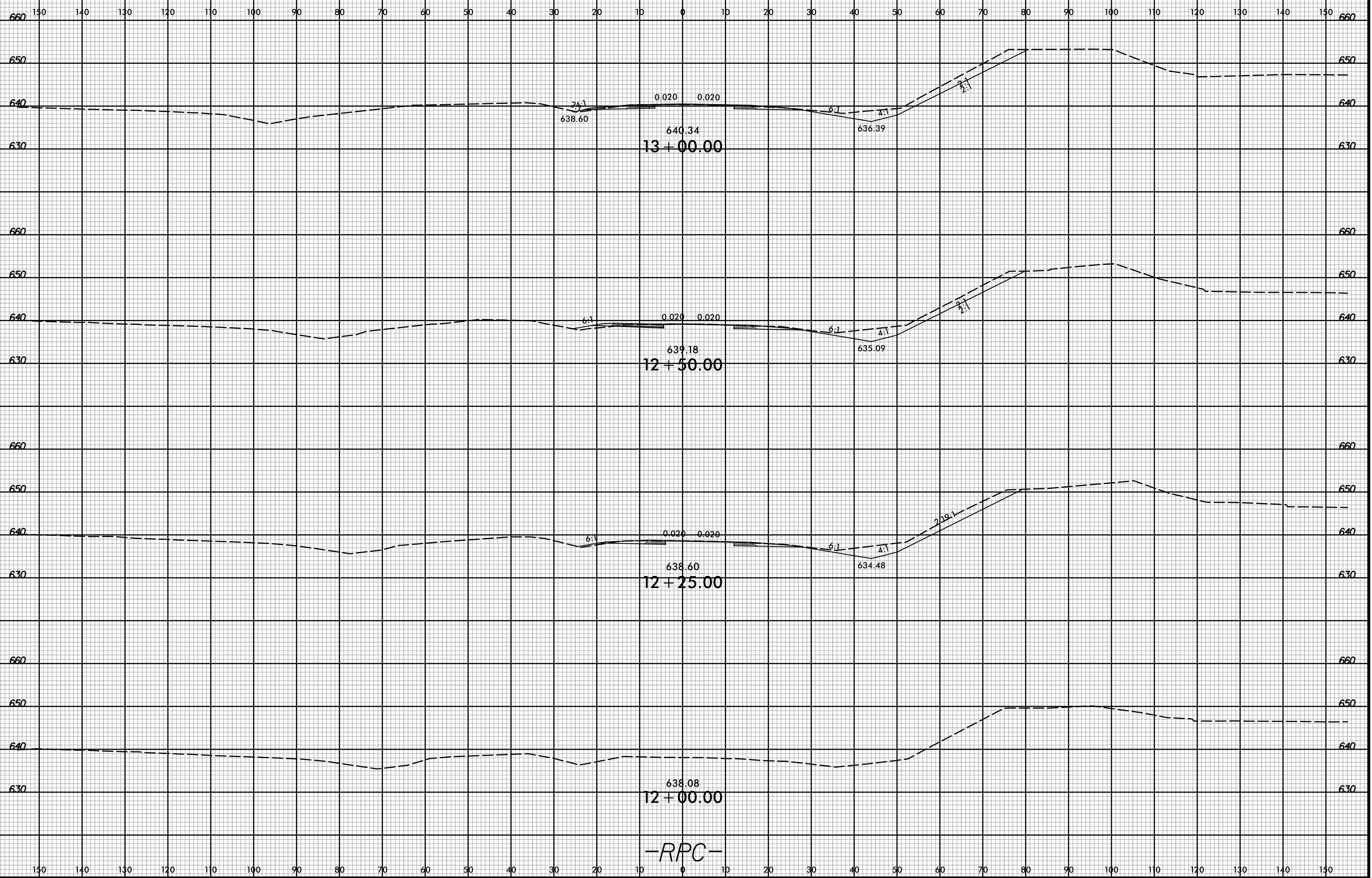


-RPB_SPUR-

8/23/99

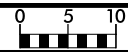


PROJ. REFERENCE NO. U-3109A SHEET NO. X-114



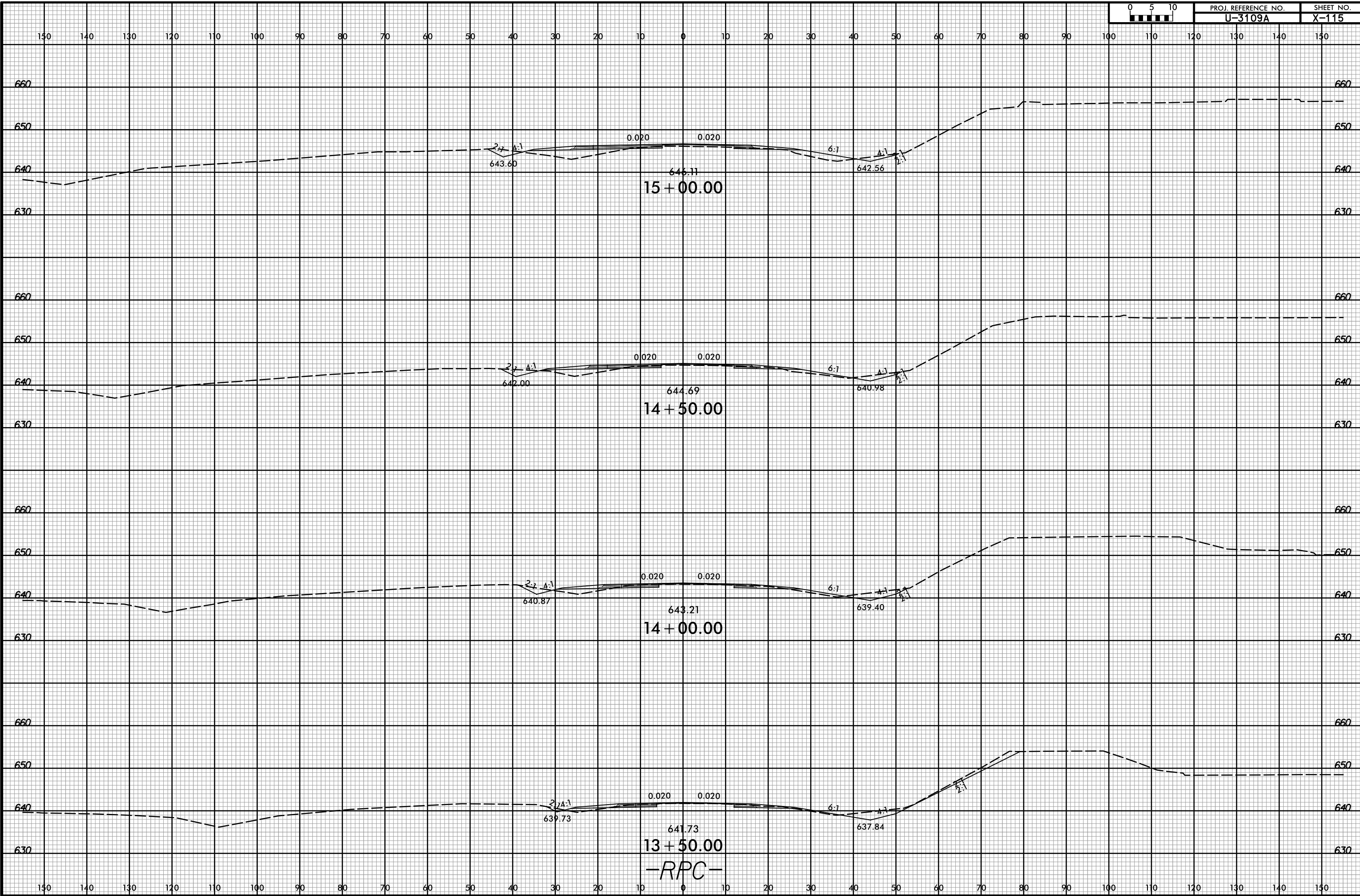
3/2/2017 10:43:33 AM
R:\Roadway\XSC\13109A_Rdy_xp_L_RPC.dgn
User: Todd.Buckner

8/23/99



PROJ. REFERENCE NO.
U-3109A

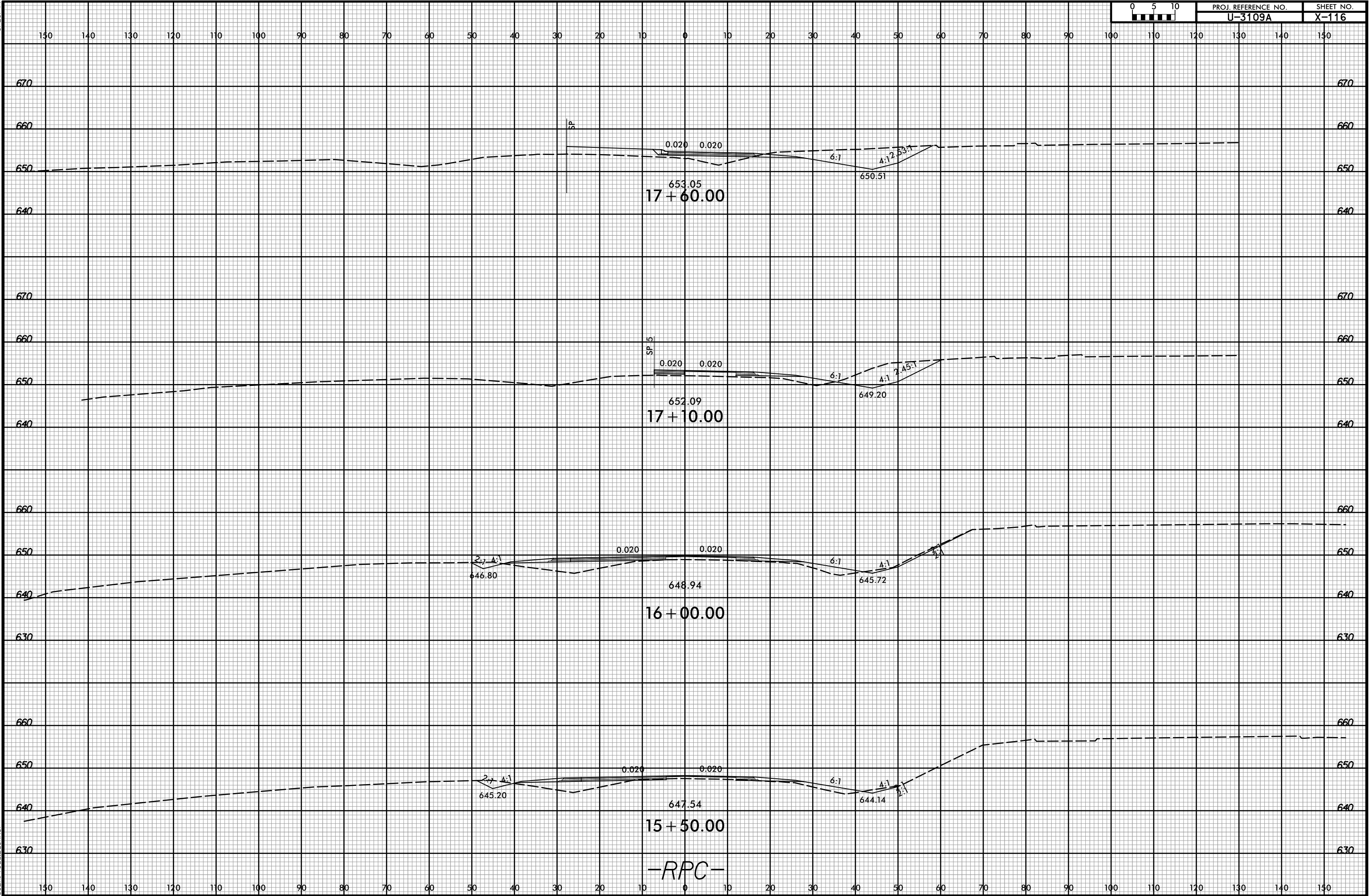
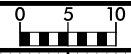
SHEET NO.
X-115



3/2/2017 10:43:33 AM
R:\Roadway\XSC\13109A_Rdy_xp_L_RPC.dgn
User: Todd.Buckner

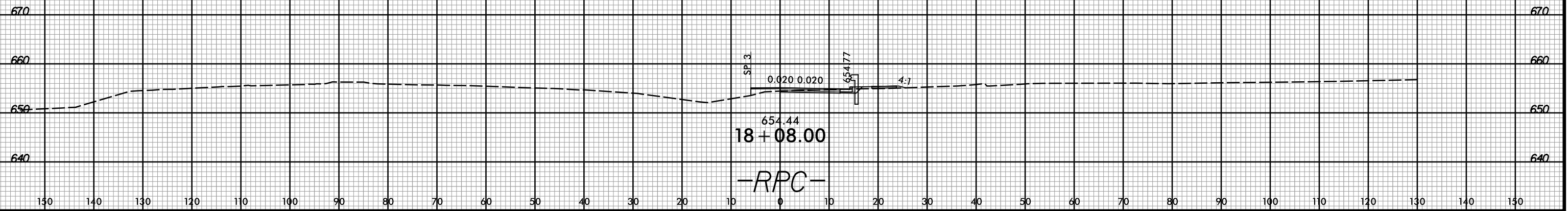
-RPC-

8/23/99

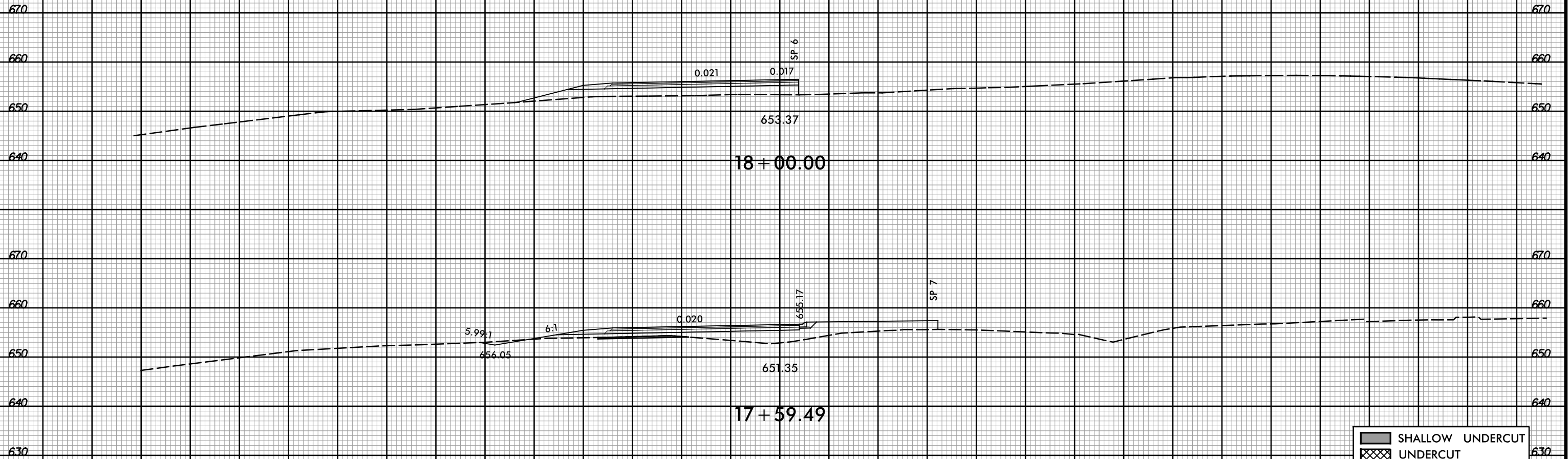


3/2/2017 10:43:37 AM
 R:\Roadway\XSC\13109A_Rdy_xp_RPC.dgn
 User: Todd.Buckner

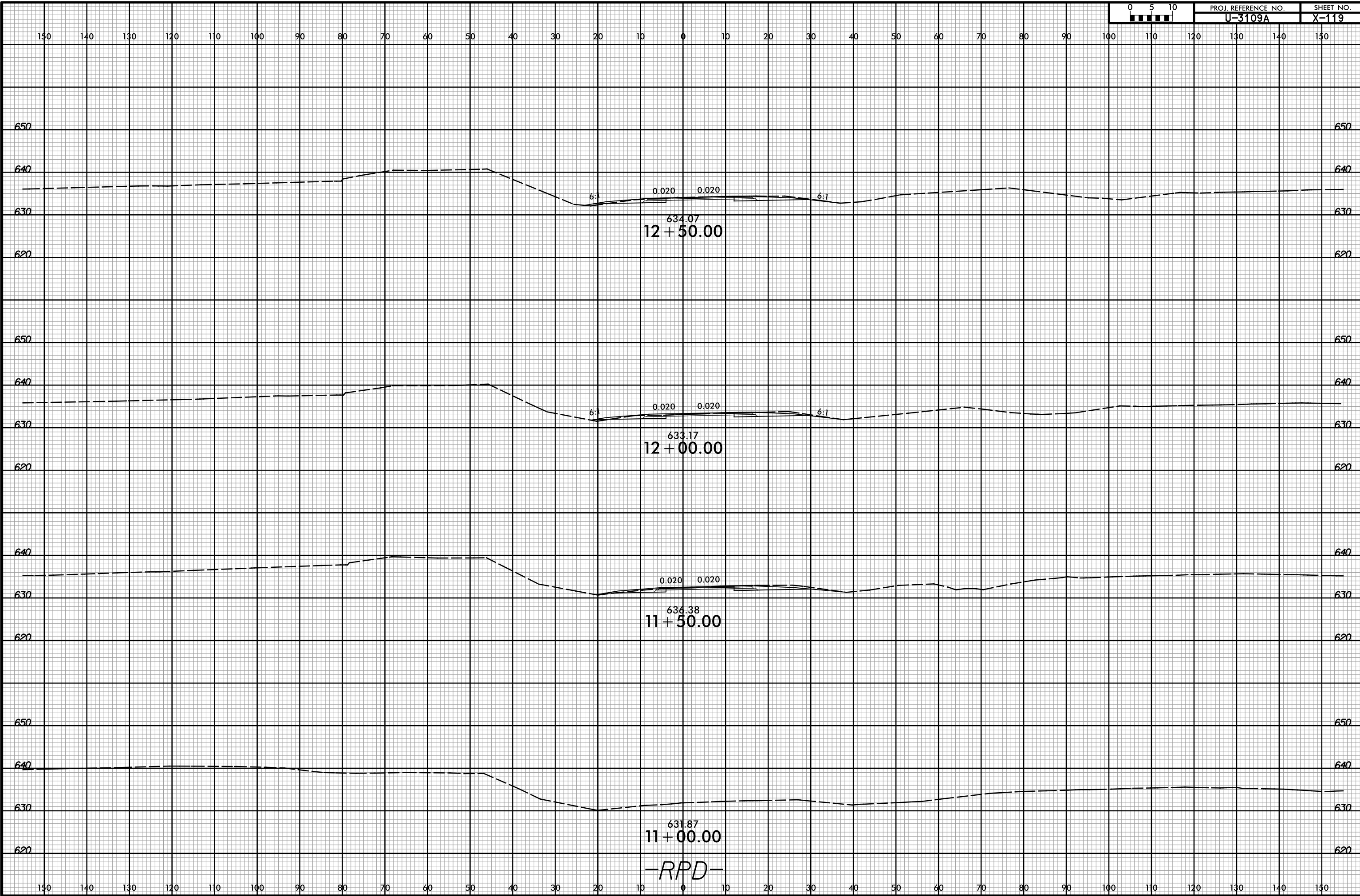
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



-RPC_SPUR-

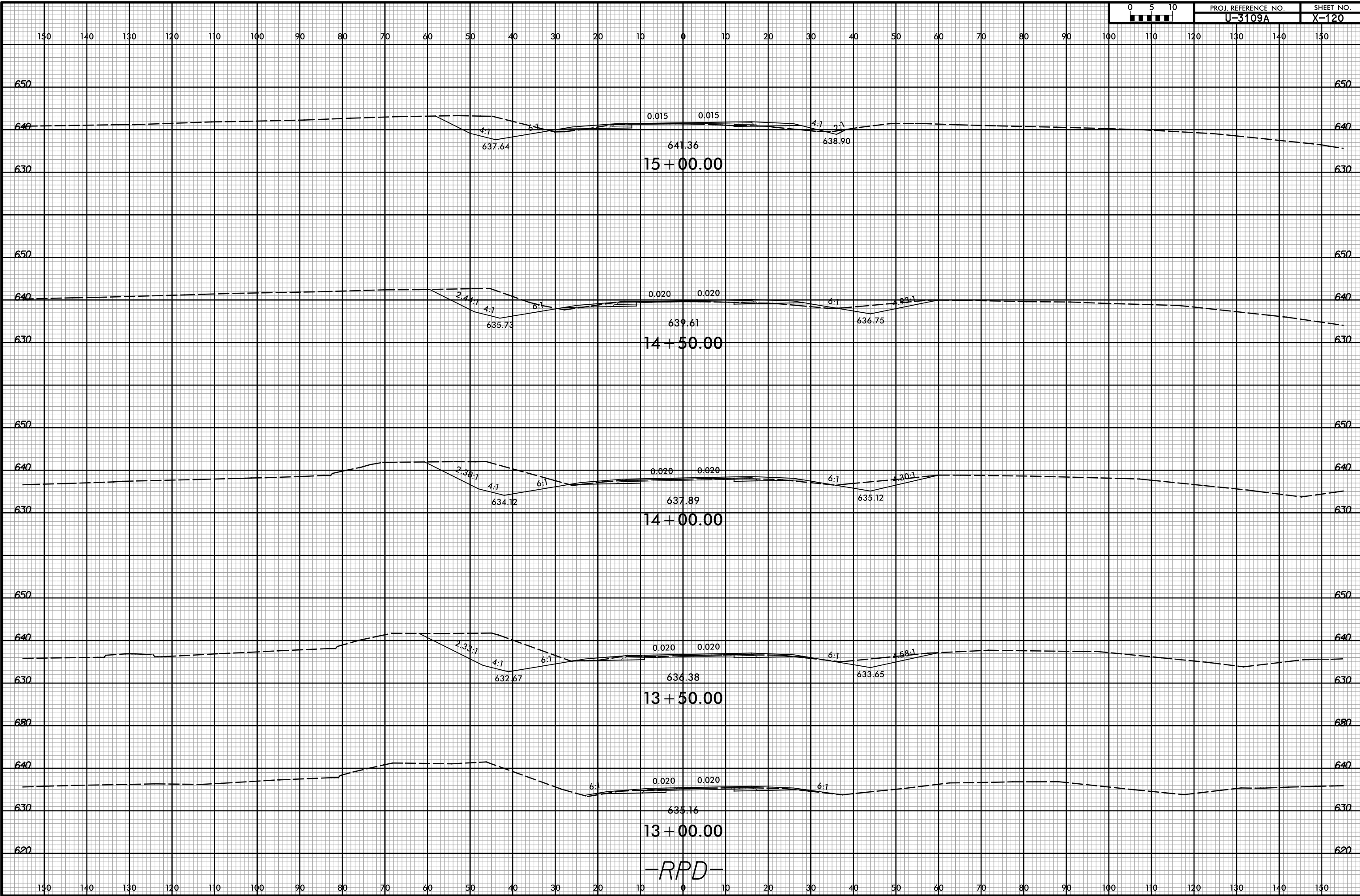


8/23/99



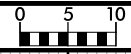
PROJ. REFERENCE NO.
U-3109A

SHEET NO.
X-120

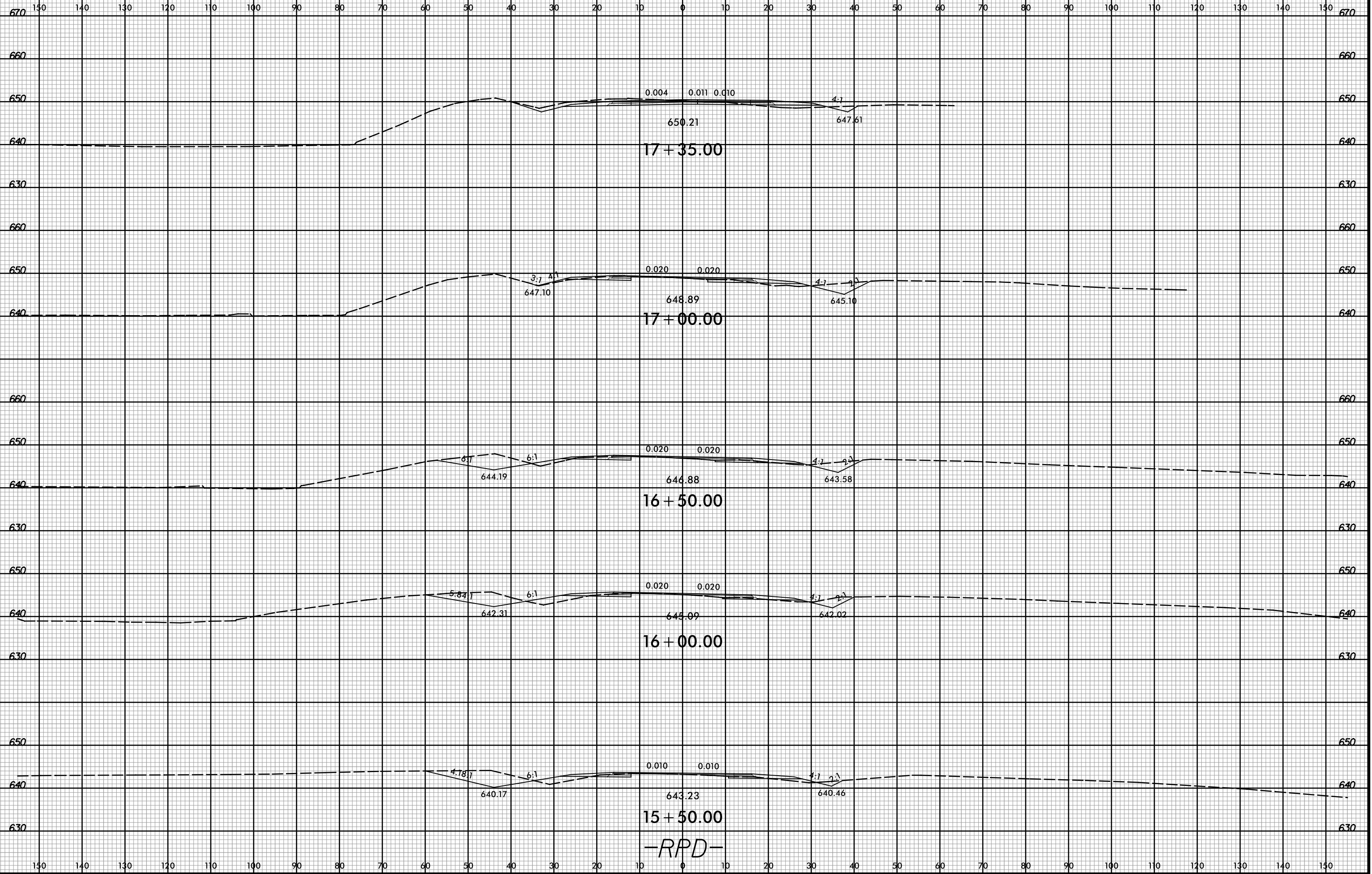


3/2/2017 10:43:39 AM
R:\Roadway\XSC\13109A_Rdy_xp_L_RPD.dgn
User: Todd.Buckner

8/23/99

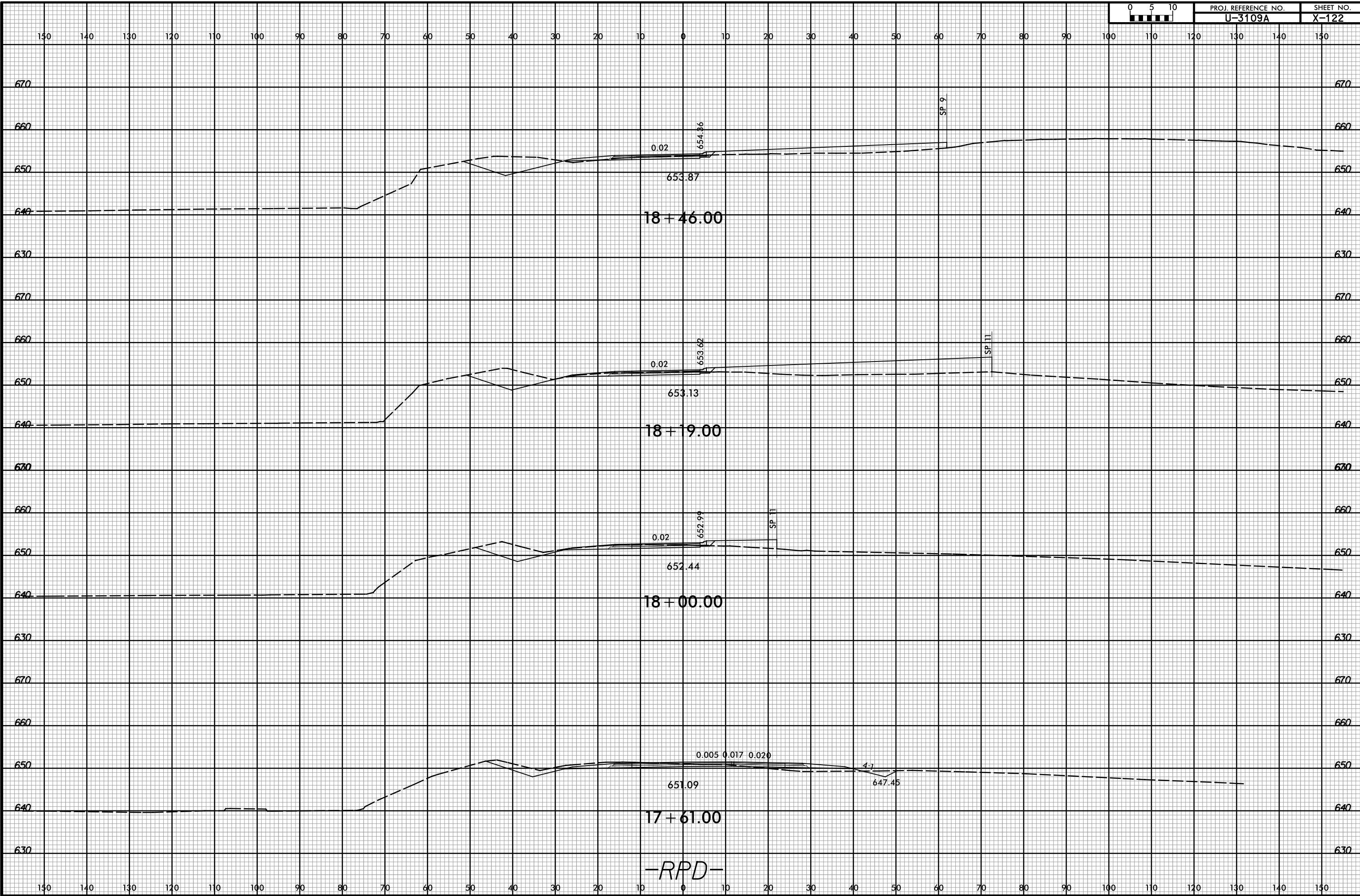


PROJ. REFERENCE NO. U-3109A SHEET NO. X-121

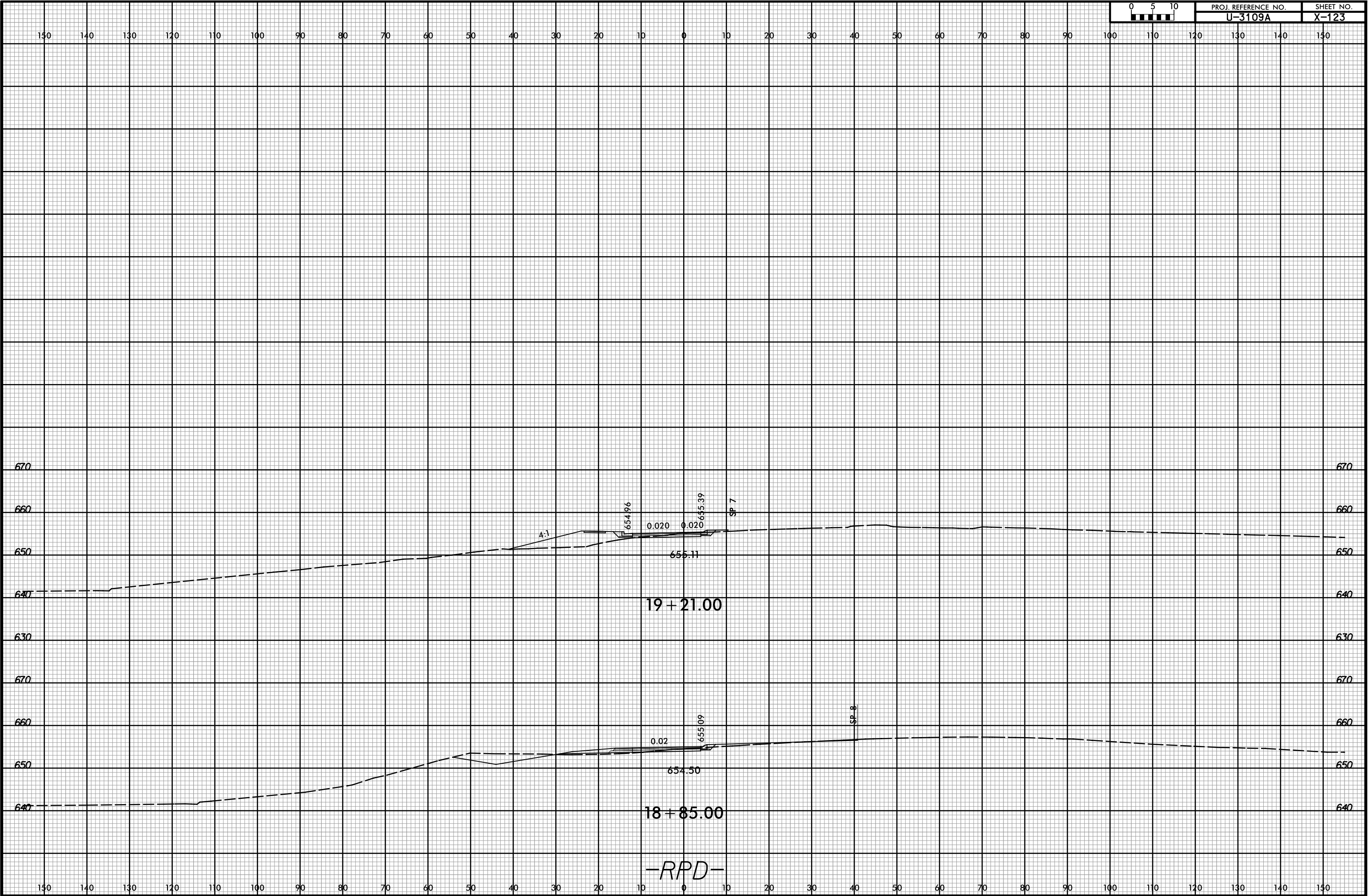
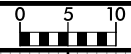


3/2/2017 10:43:40 AM
R:\Roadway\XSC\13109A_Rdy_xpl_RPD.dgn
User: Todd.Buckner

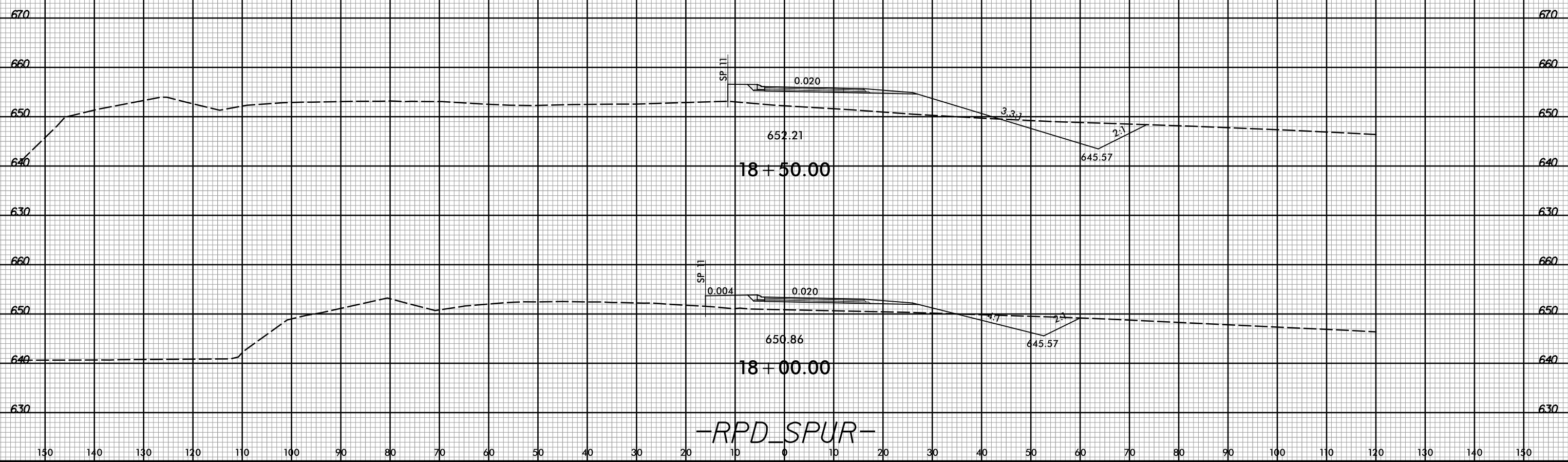
-RPD-

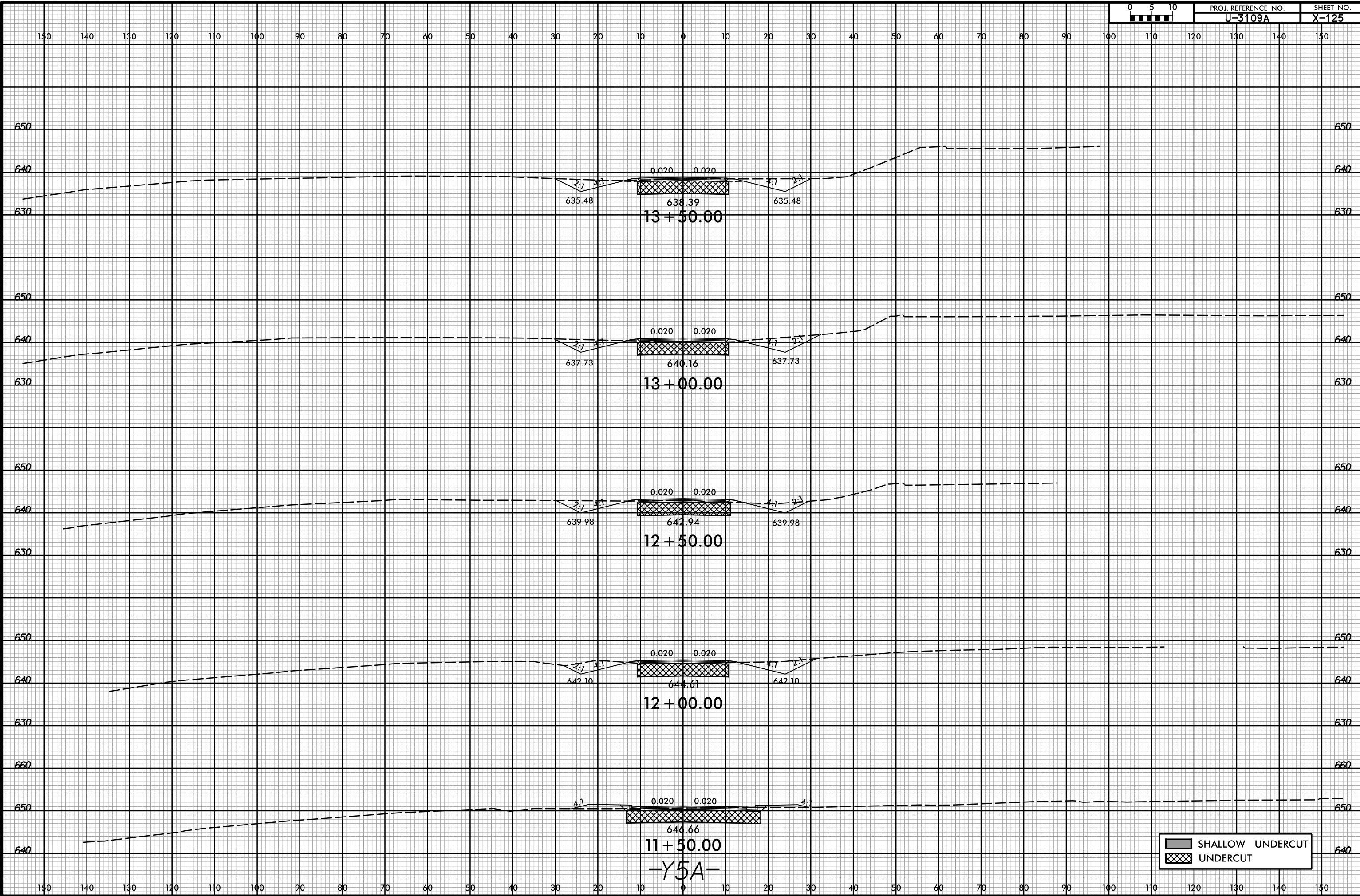


-RPD-



150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



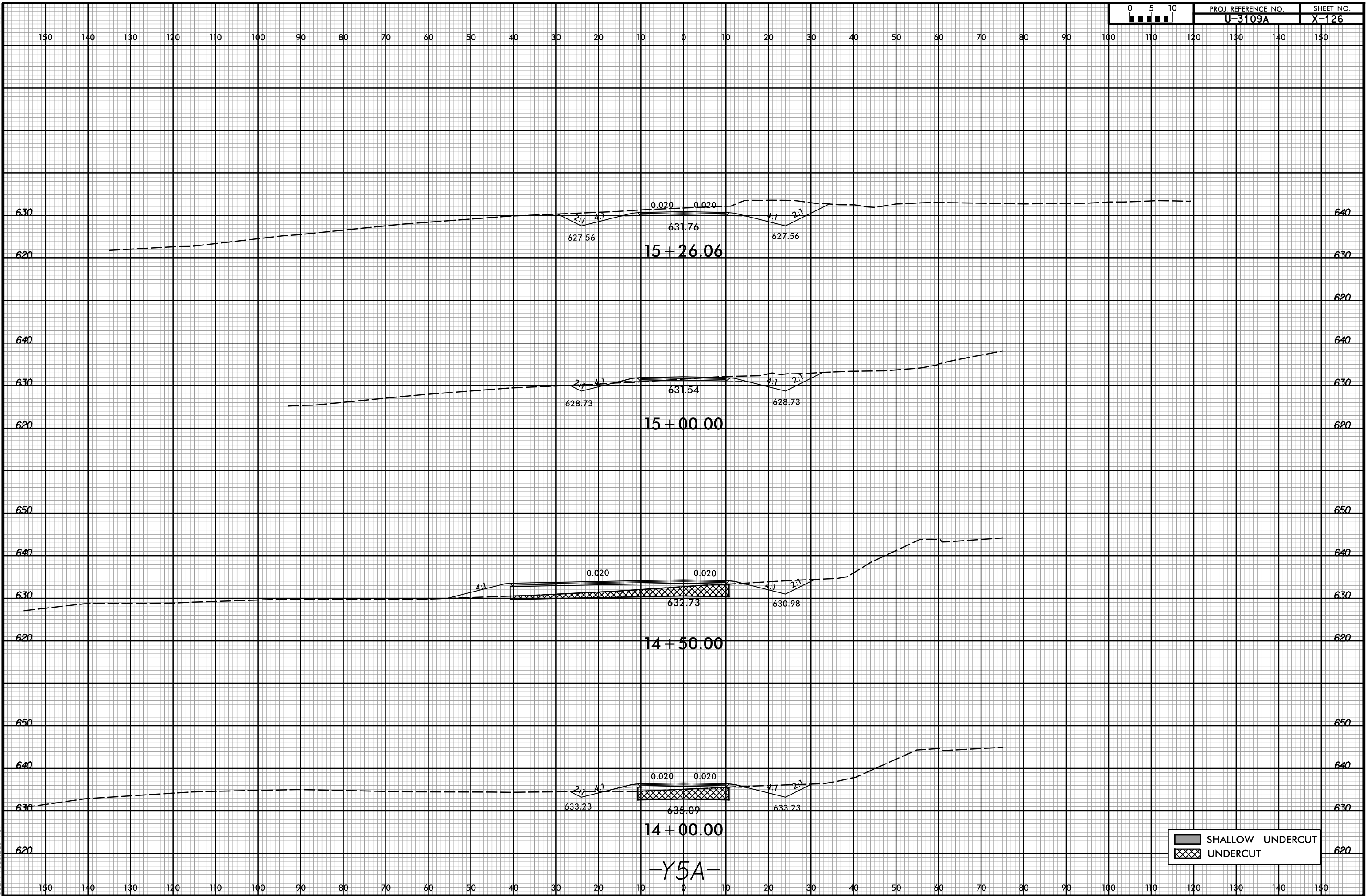


SHALLOW UNDERCUT
 UNDERCUT

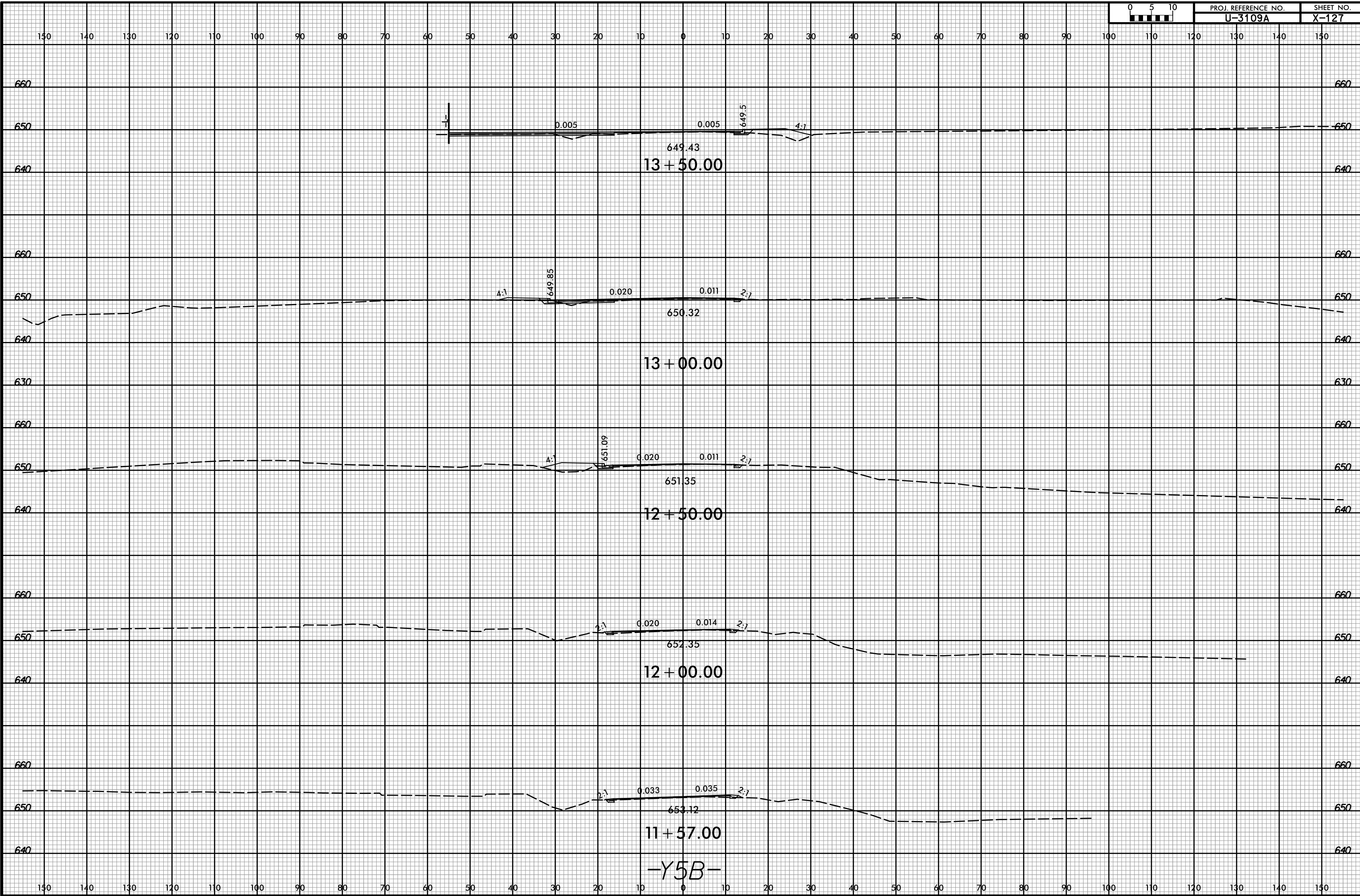
-Y5A-

RW REVISION: 506/15 - Y5A- EXTENDED TO PROVIDE ACCESS TO PARCEL 184

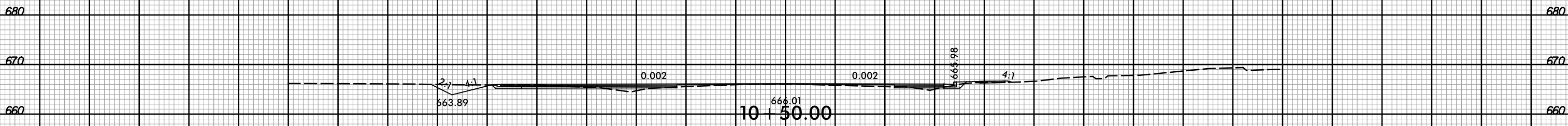
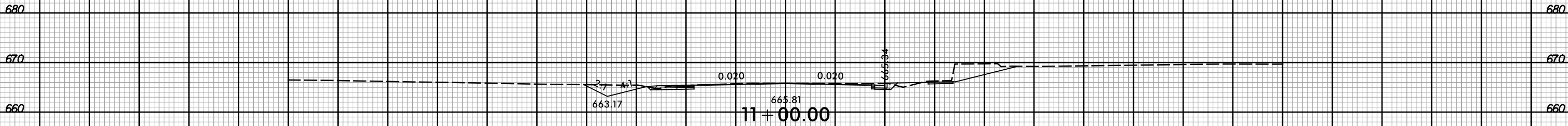
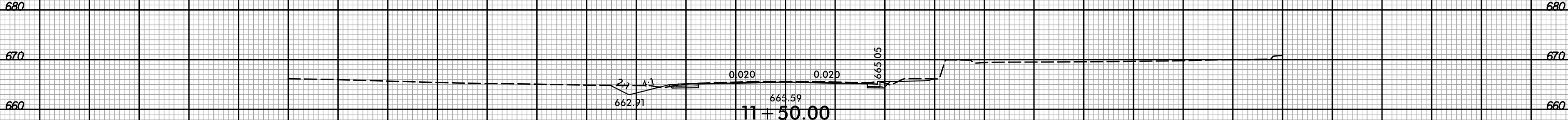
3/2/2017 10:43:42 AM
R:\Roadway\Y5A\3109A_Rdy_xp1_Y5A.dgn
User: Todd.Buckner



-Y5A-



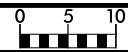
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



-Y5C-

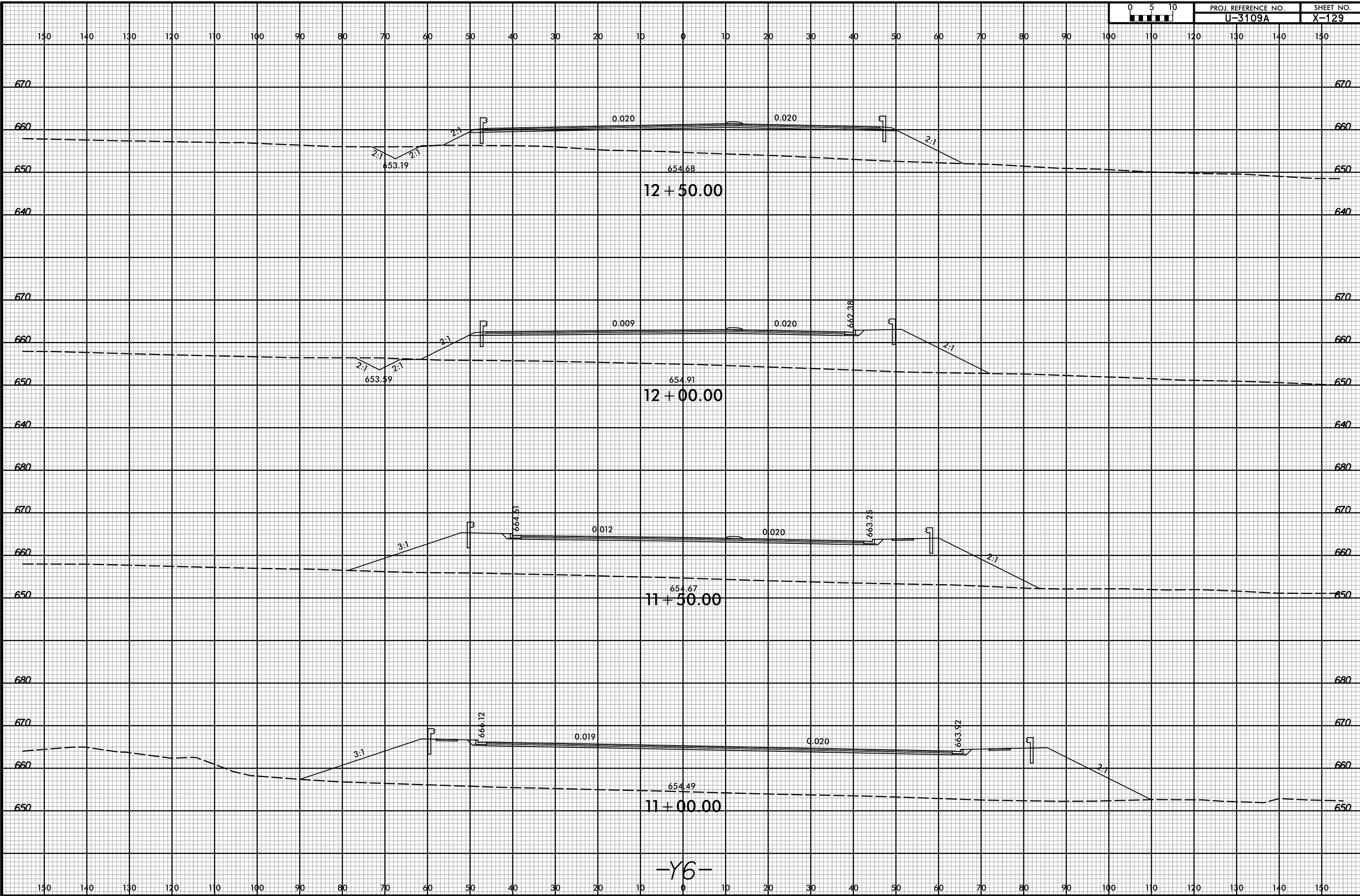
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

8/23/99



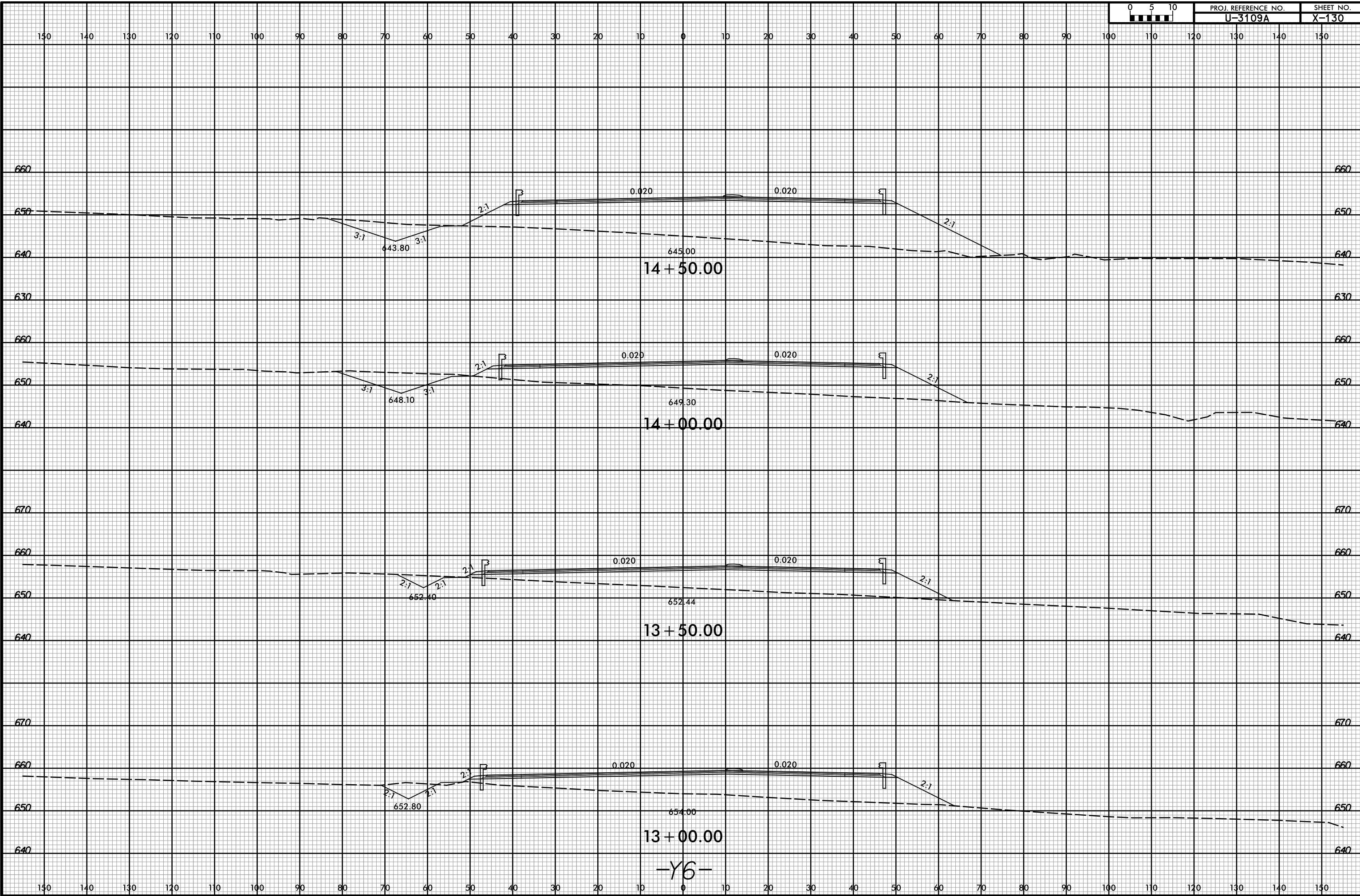
PROJ. REFERENCE NO.
U-3109A

SHEET NO.
X-129

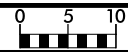


-Y6-

3/2/2017 10:43:44 AM
R:\Roadway\XSC\13109A_Rdy_xp1_y6.dgn
User: Todd.Buckner

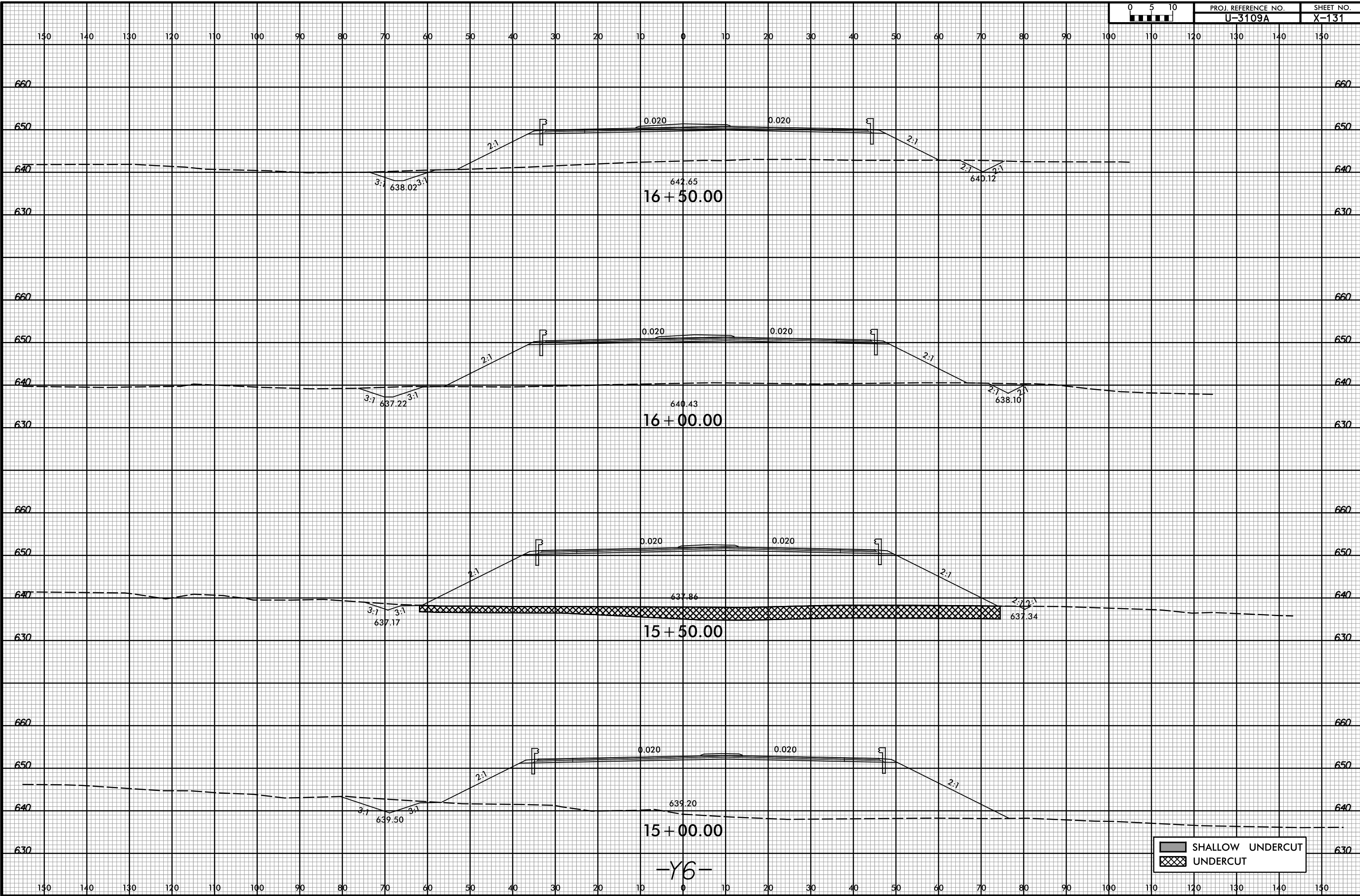


8/23/99



PROJ. REFERENCE NO.
U-3109A

SHEET NO.
X-131

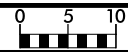


SHALLOW UNDERCUT
 UNDERCUT

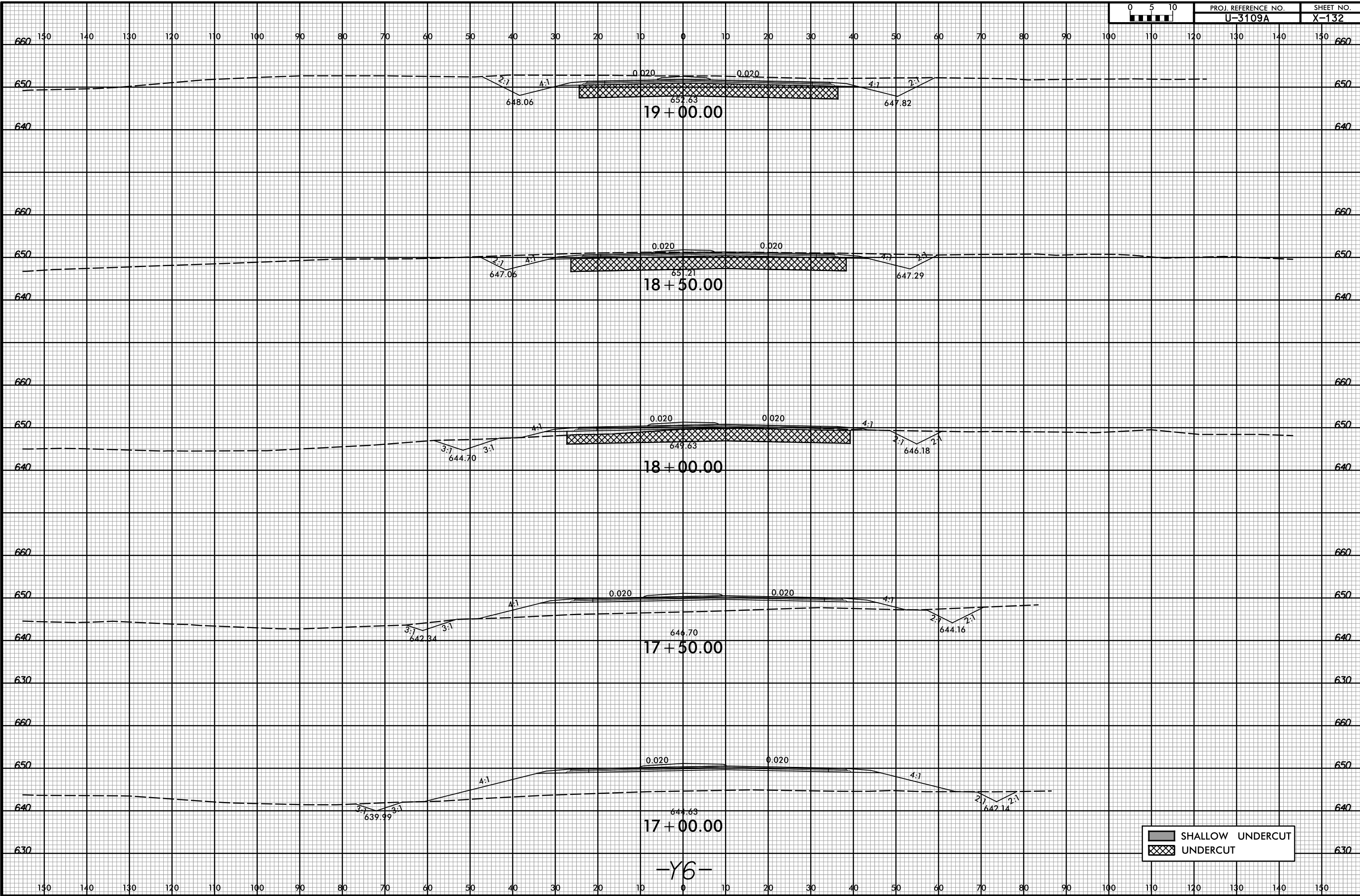
3/2/2017 10:43:45 AM
R:\Roadway\XSC\13109A_Rdy_xp1_y6.dgn
User: Todd.Buckner

-Y6-

8/23/99

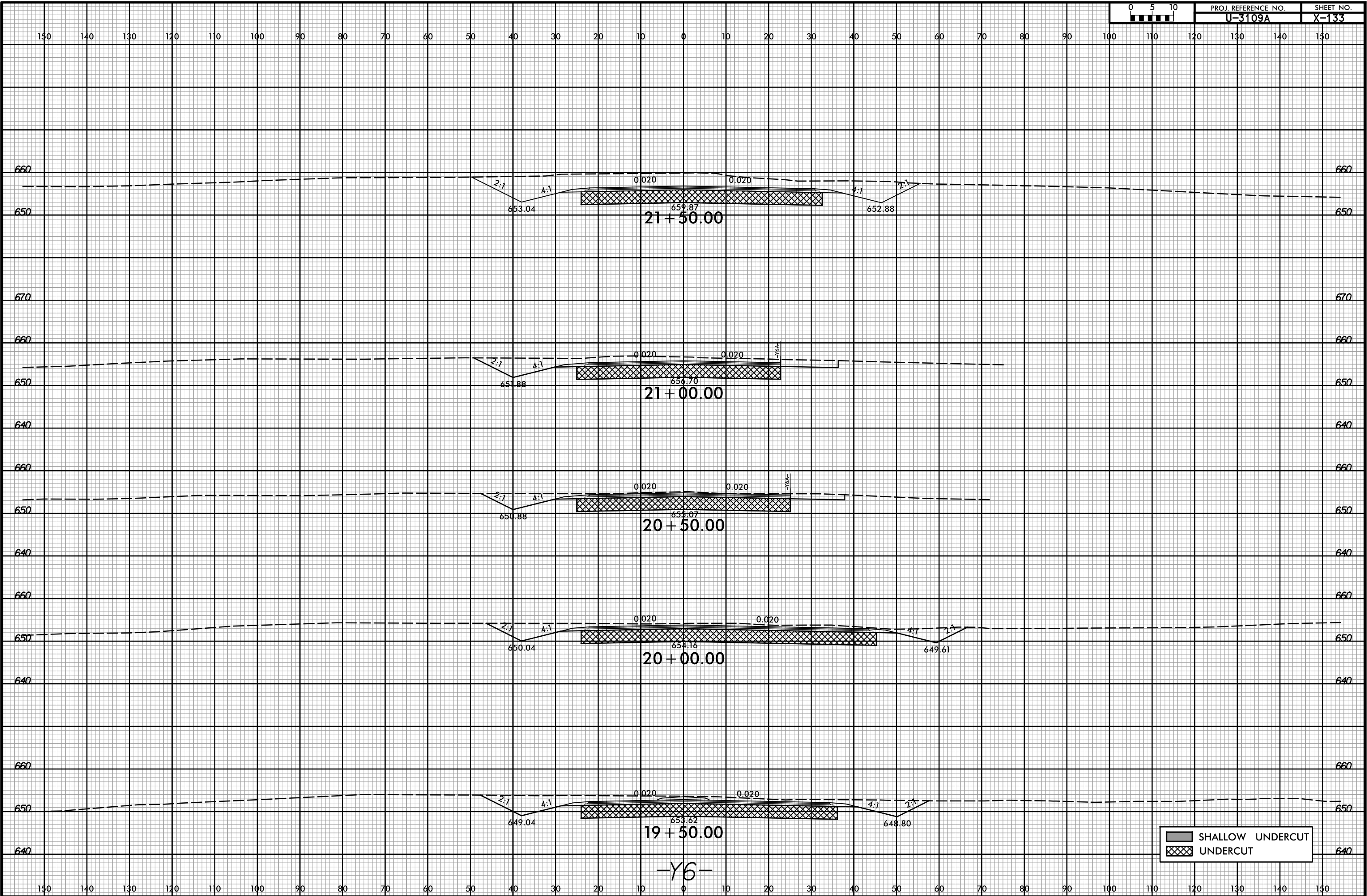


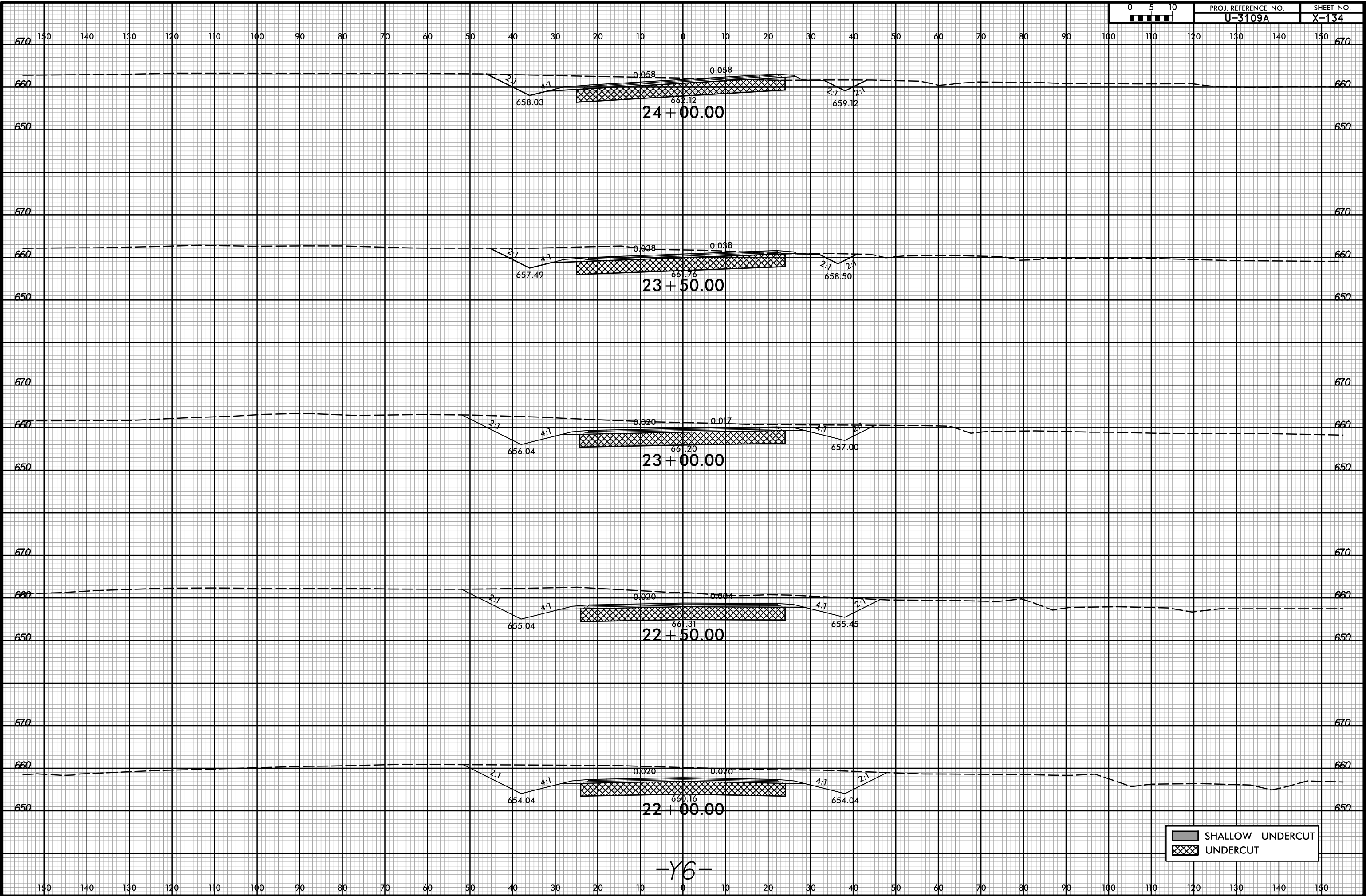
PROJ. REFERENCE NO. U-3109A SHEET NO. X-132





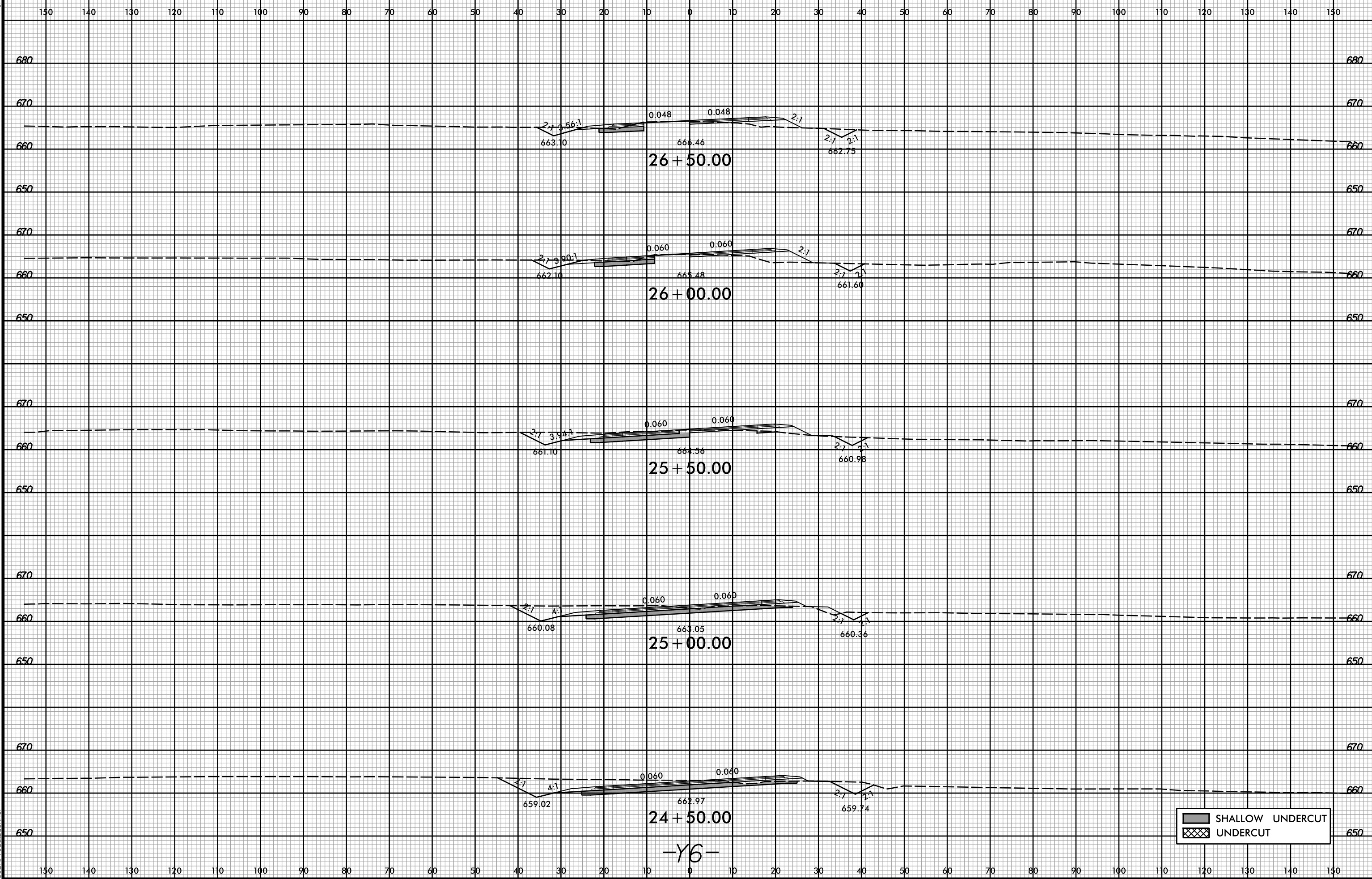
-Y6-

3/2/2017 10:43:45 AM
R:\Roadway\XSC\13109A_Rdy...xp1_Y6.dgn
User: Todd.Buckner

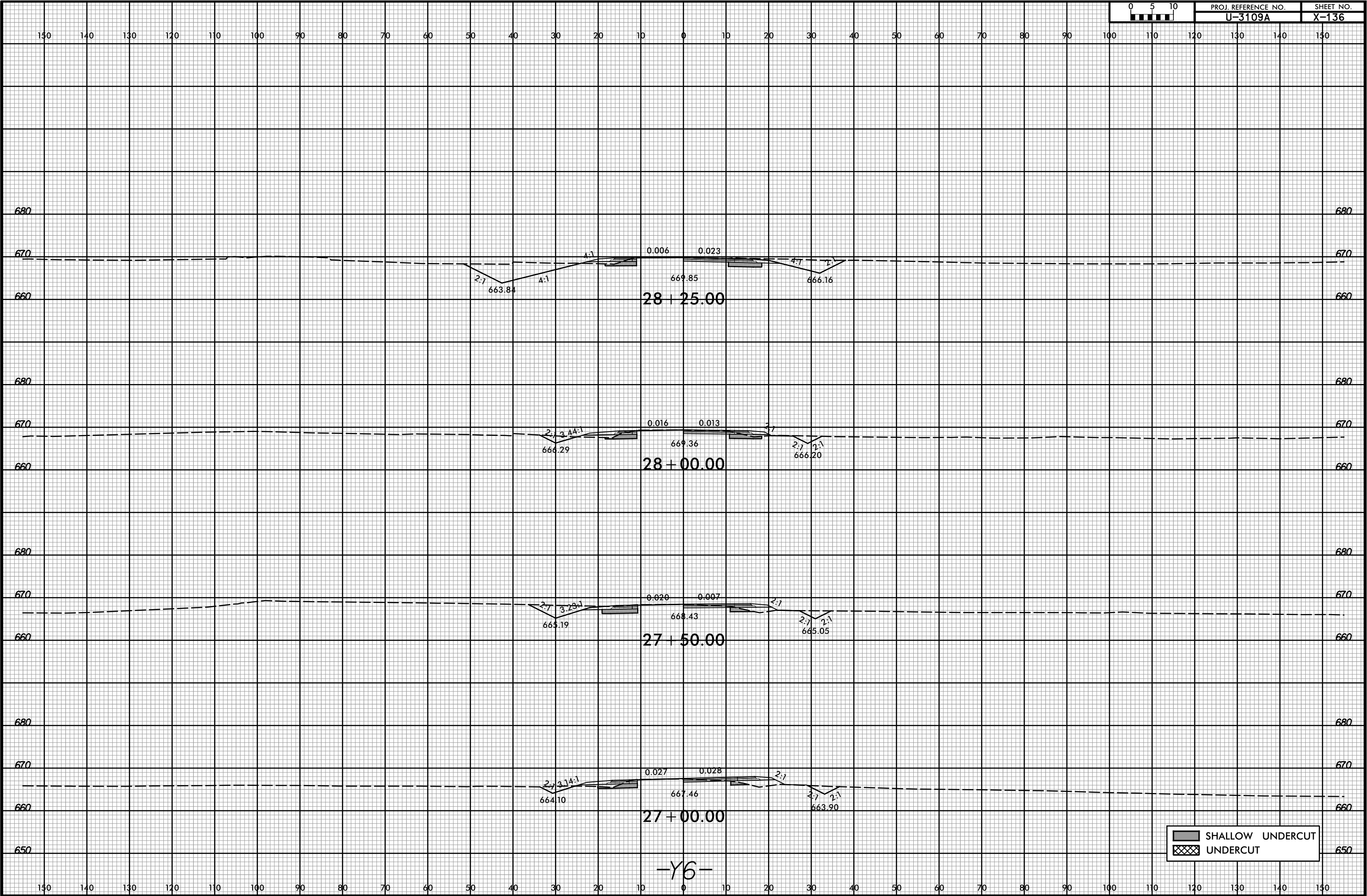






 SHALLOW UNDERCUT
 UNDERCUT

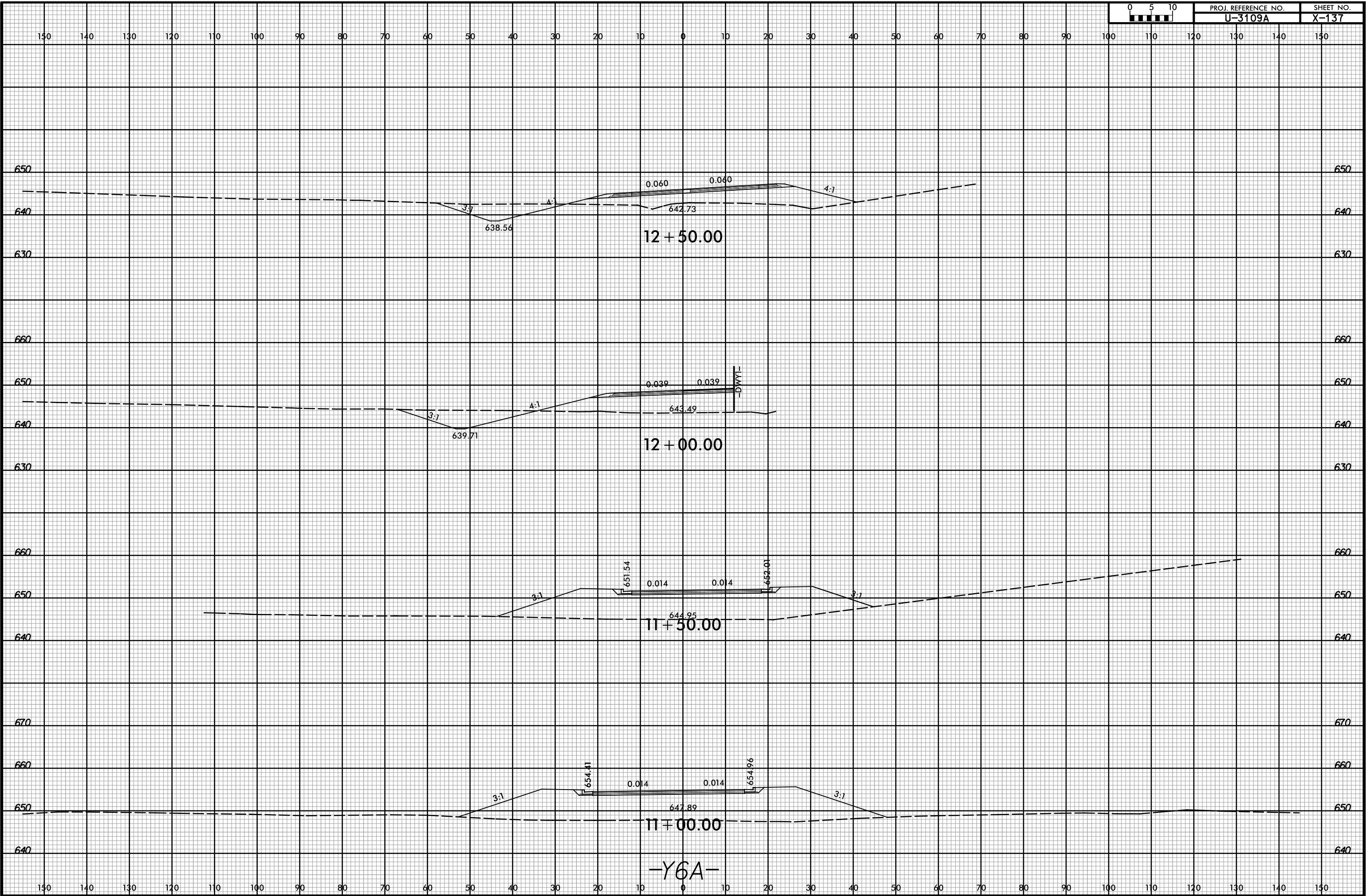


SHALLOW UNDERCUT
 UNDERCUT



 SHALLOW UNDERCUT
 UNDERCUT

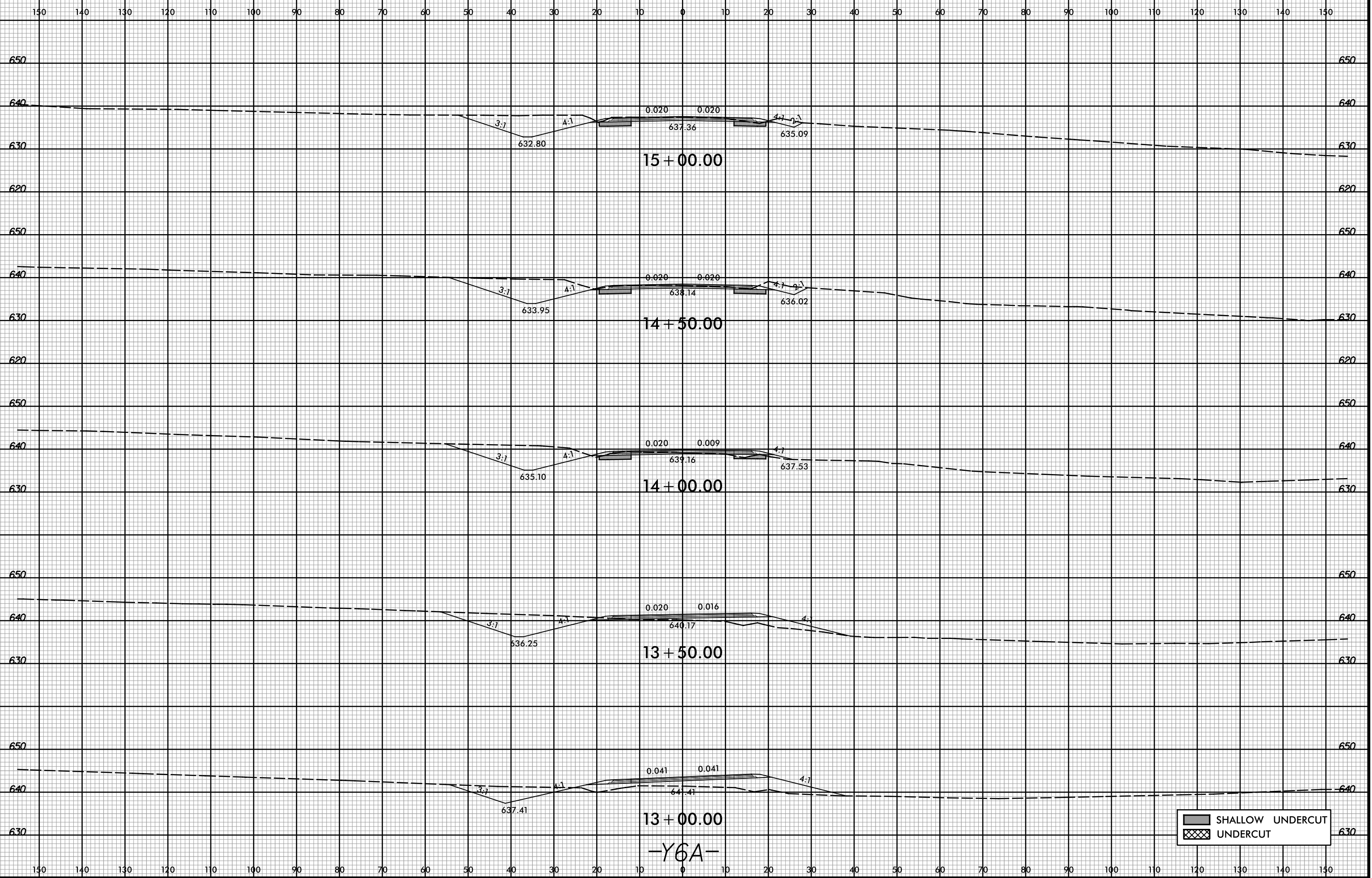
-Y6-



8/23/99



PROJ. REFERENCE NO. U-3109A SHEET NO. X-138

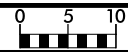


SHALLOW UNDERCUT
UNDERCUT

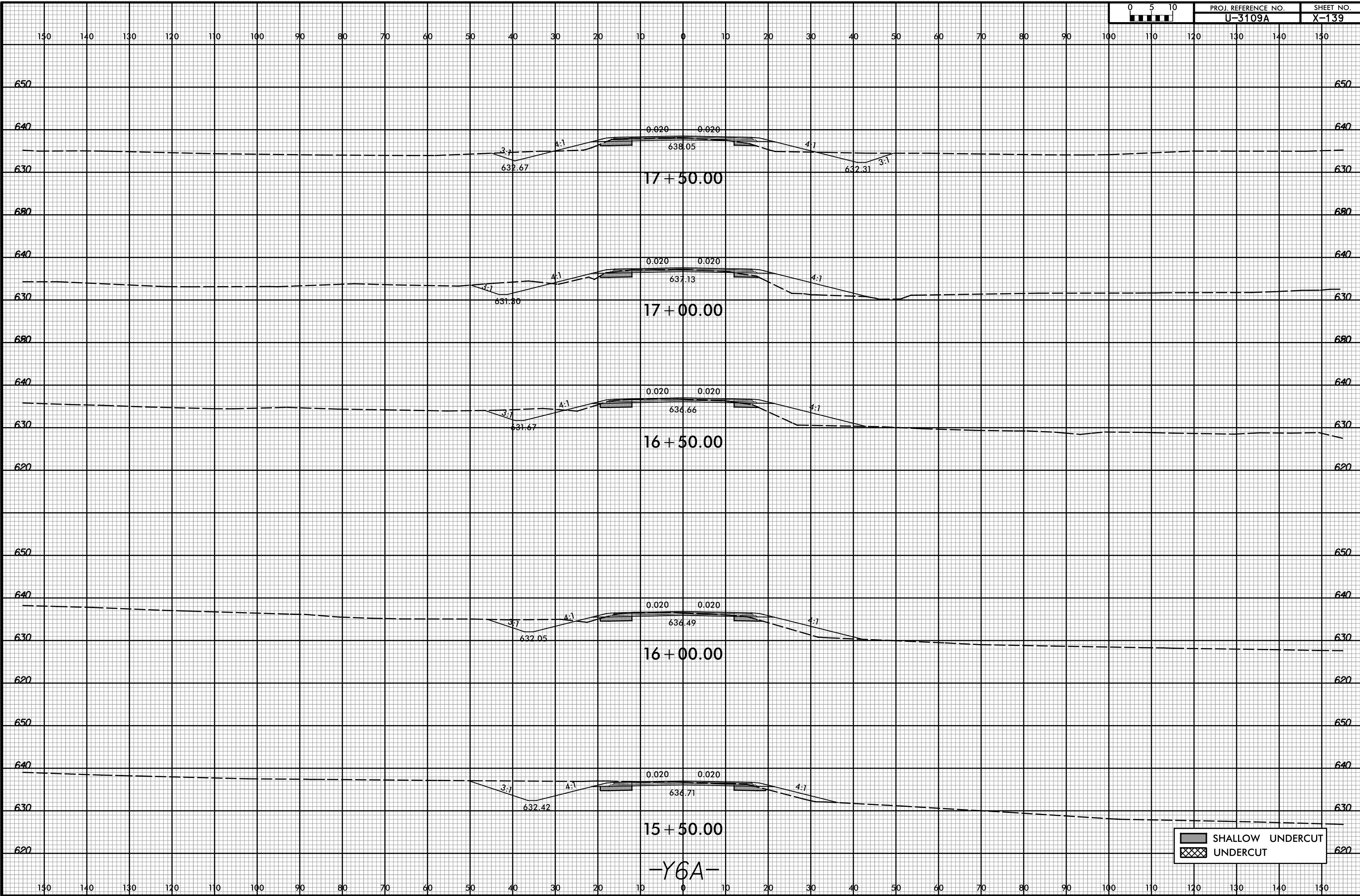
3/2/2017 10:43:48 AM
R:\Roadway\XSCA\13109A_Rdy_xpl_Y6A.dgn
User: Todd.Buckner

-Y6A-

8/23/99



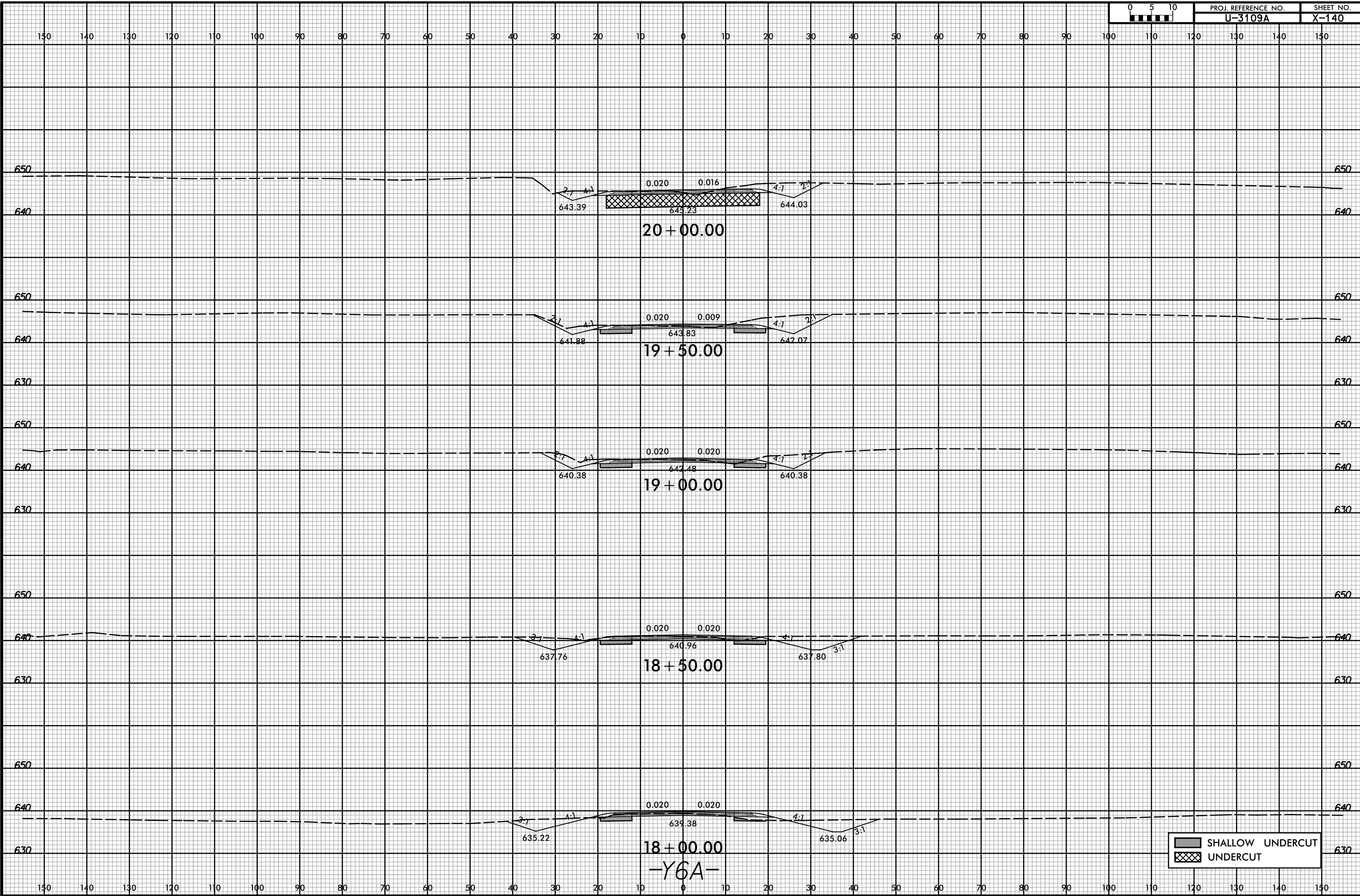
PROJ. REFERENCE NO. U-3109A SHEET NO. X-139



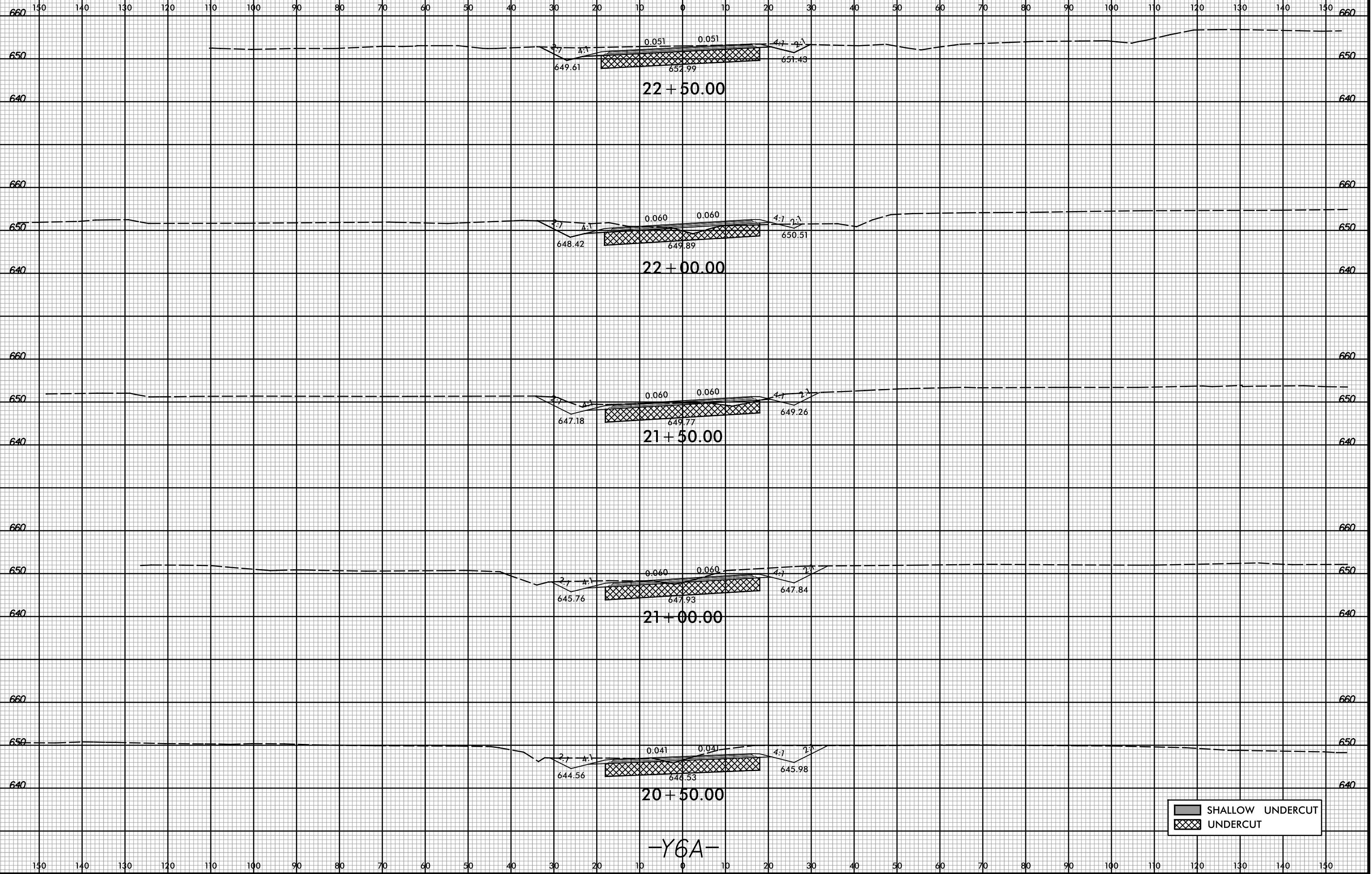
SHALLOW UNDERCUT


 UNDERCUT

3/2/2017 10:43:48 AM
R:\Roadway\XSC\13109A_Rdy_xp1_Y6A.dgn
User: Todd.Buckner



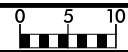
SHALLOW UNDERCUT
 UNDERCUT



 SHALLOW UNDERCUT
 UNDERCUT

-Y6A-

8/23/99



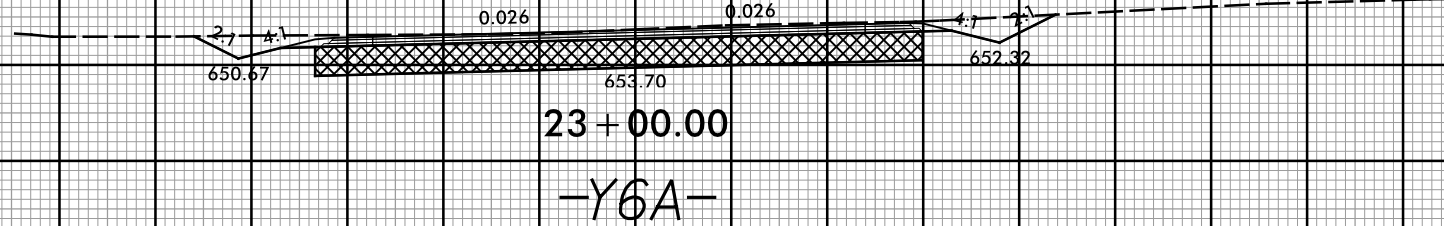
PROJ. REFERENCE NO.
U-3109A

SHEET NO.
X-142

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

660
650
640

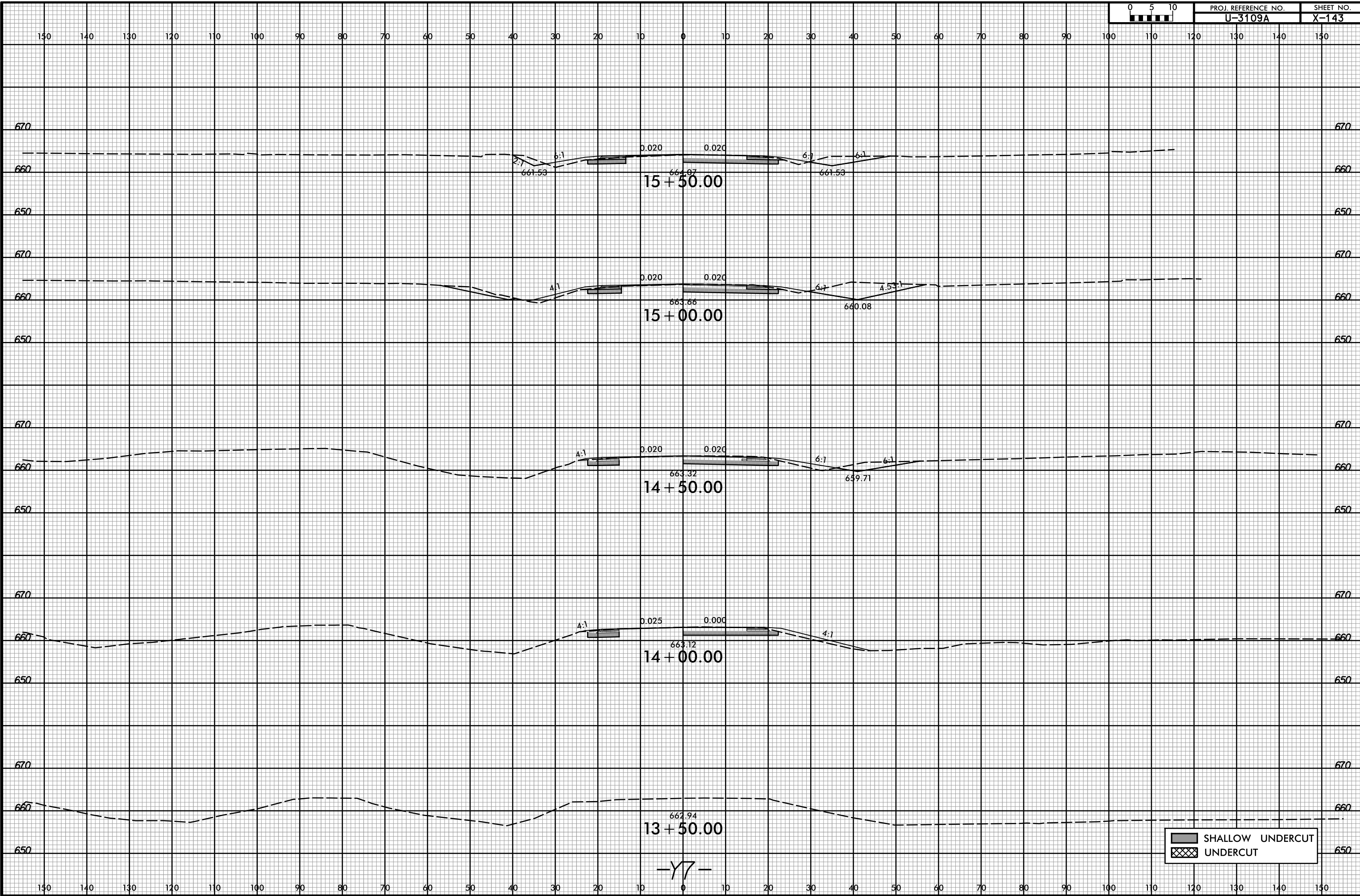
660
650
640



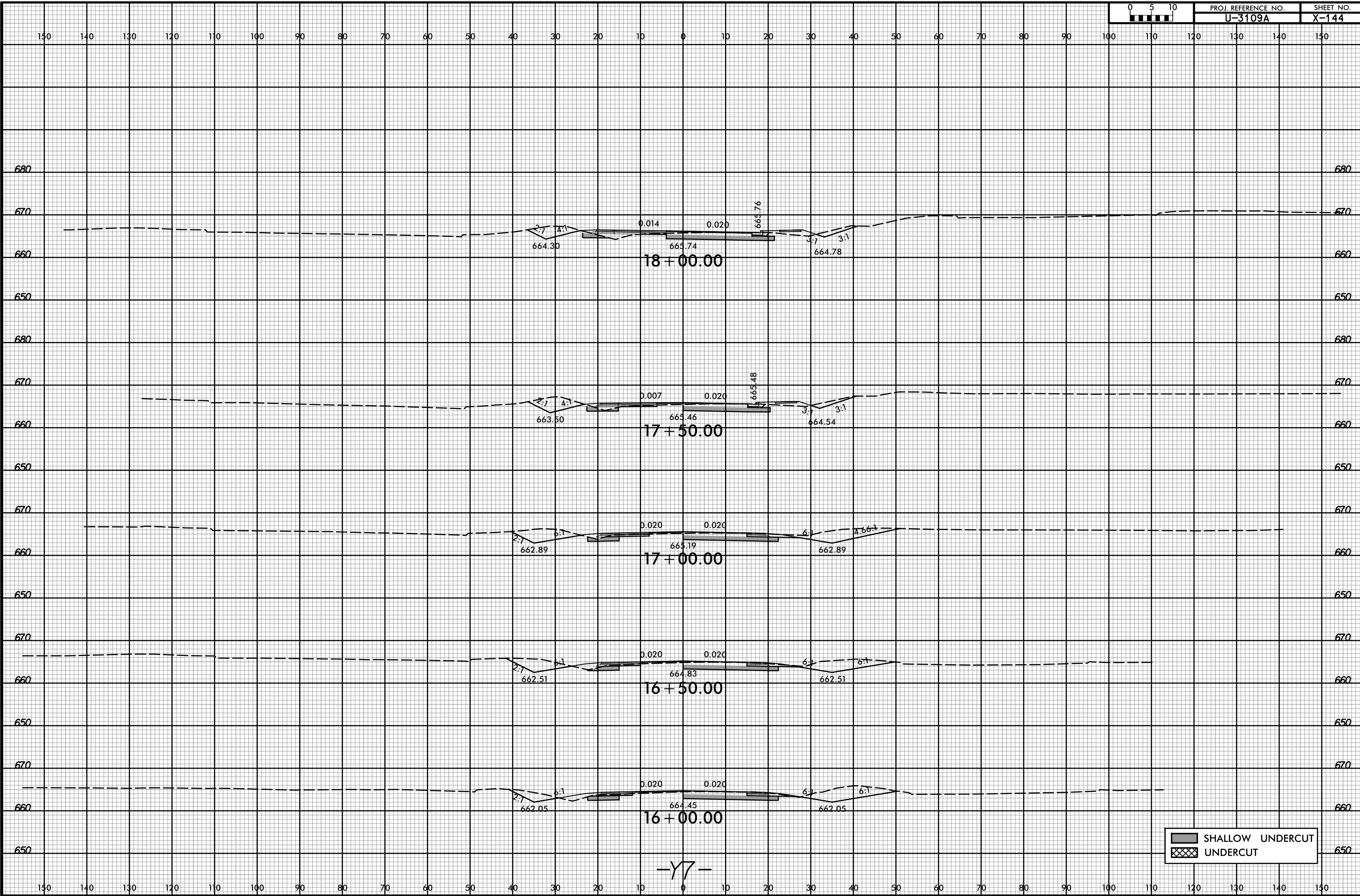
SHALLOW UNDERCUT
UNDERCUT

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

3/2/2017 10:43:50 AM
R:\Roadway\XSC\13109A_Rdy_xp1_Y6A.dgn
User: Todd.Buckner

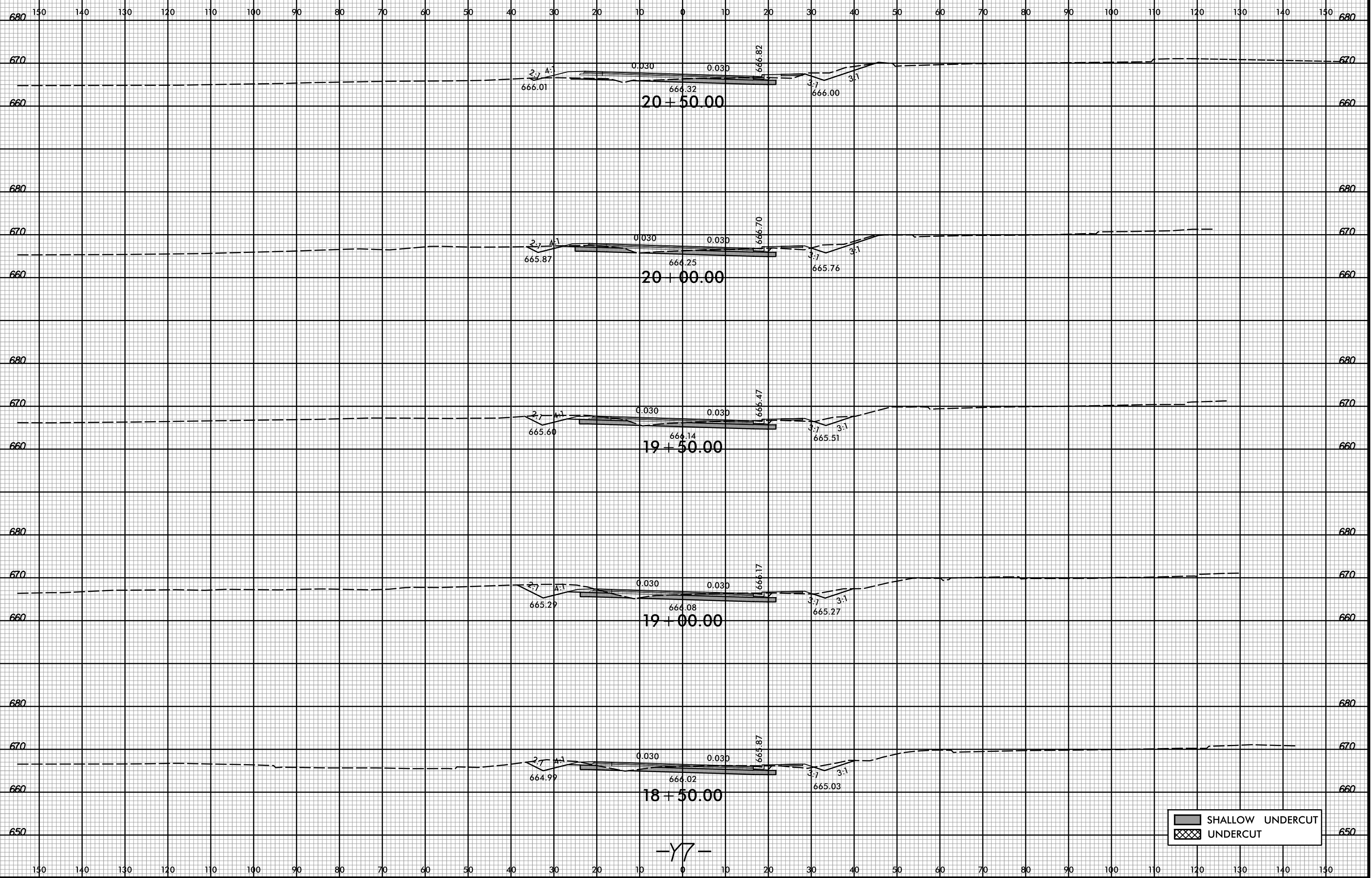


-Y7-



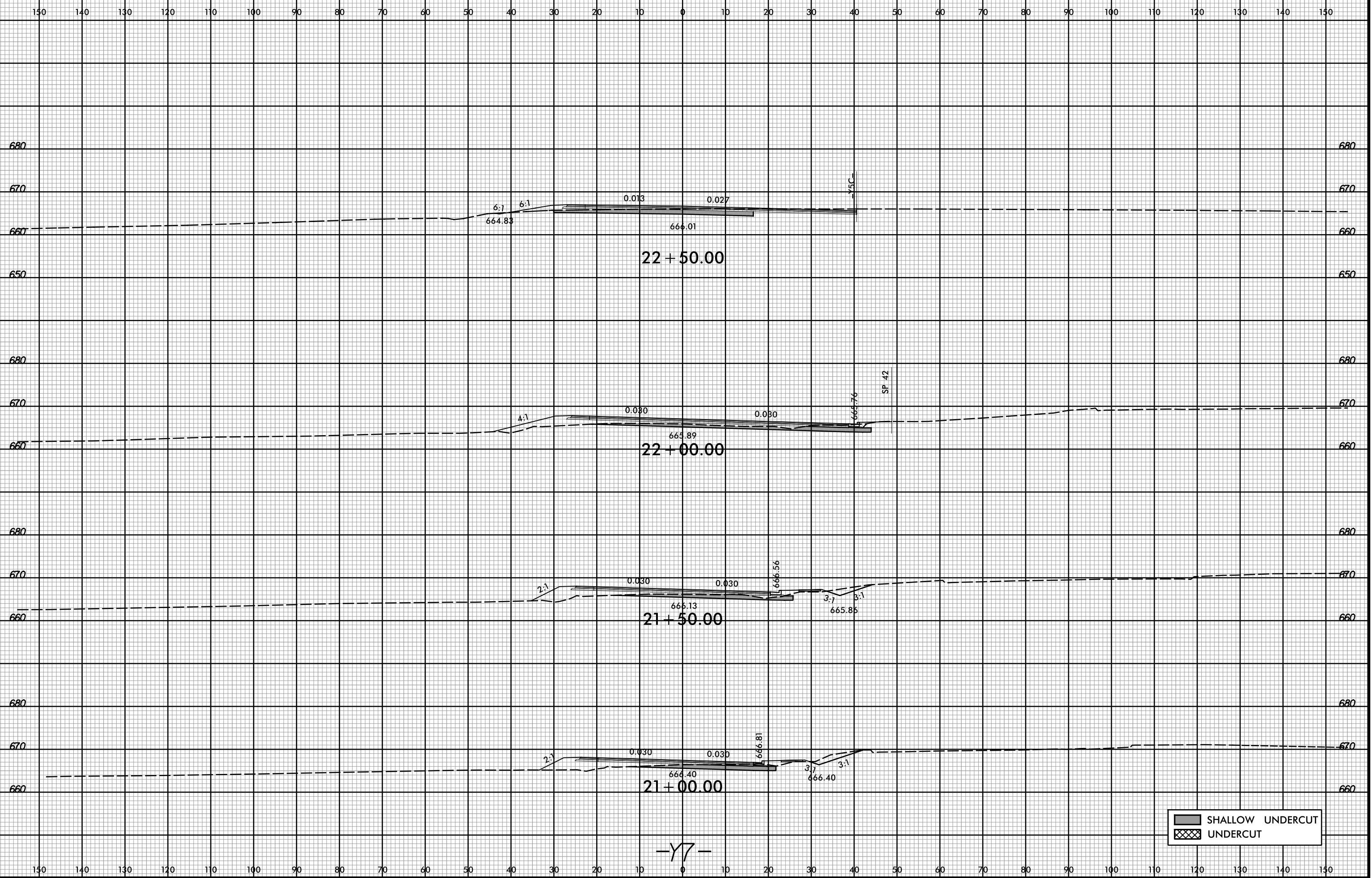
SHALLOW UNDERCUT
 UNDERCUT

-Y7-




SHALLOW UNDERCUT
 UNDERCUT

-Y7-

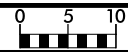


3/2/2017 10:43:51AM
R:\Roadway\XSC\113109A_Rdy_xp1_Y7.dgn
User: Todd.Buckner

-Y7-

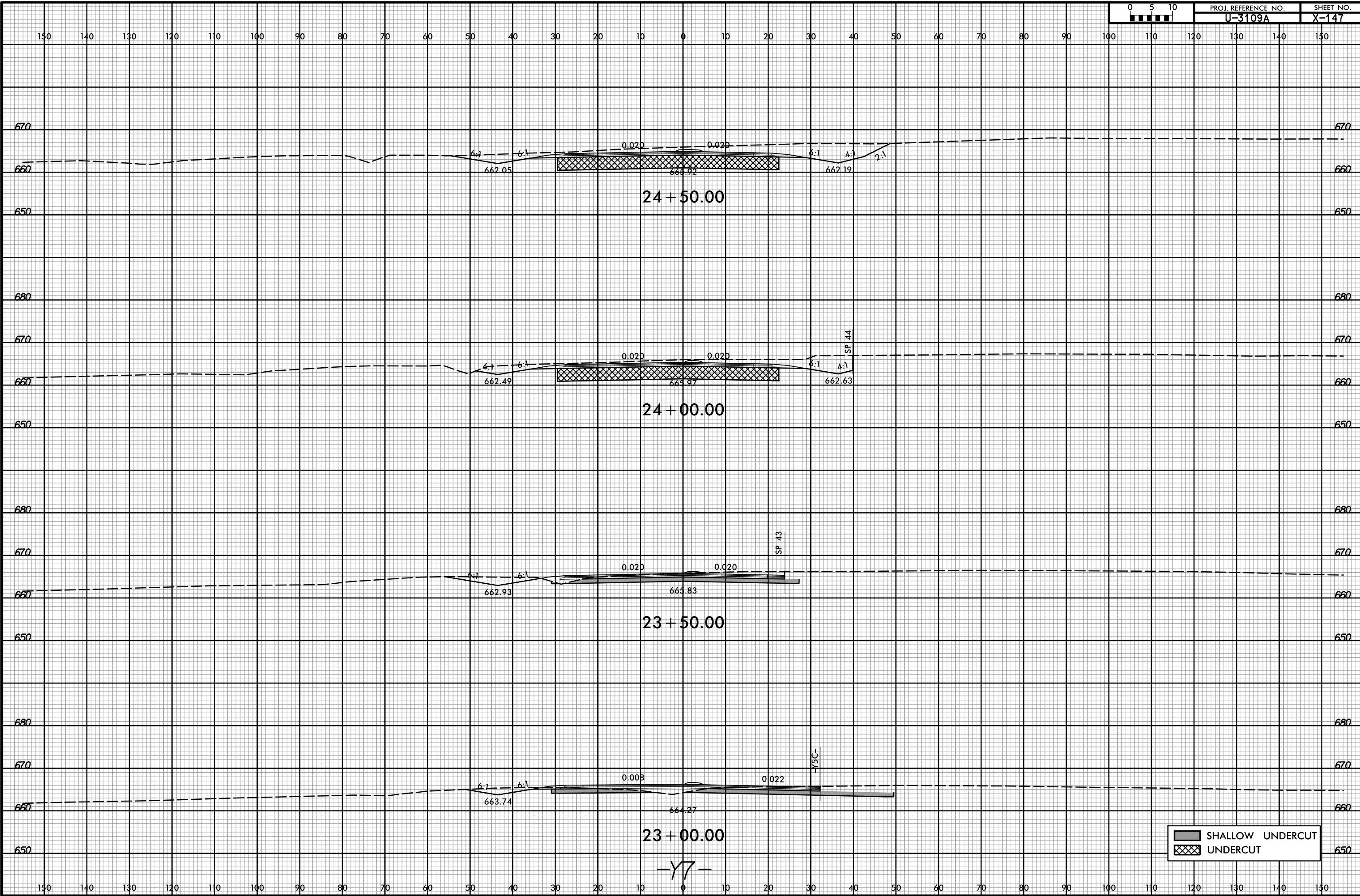
| | |
|---|------------------|
|  | SHALLOW UNDERCUT |
|  | UNDERCUT |

8/23/99



PROJ. REFERENCE NO.
U-3109A

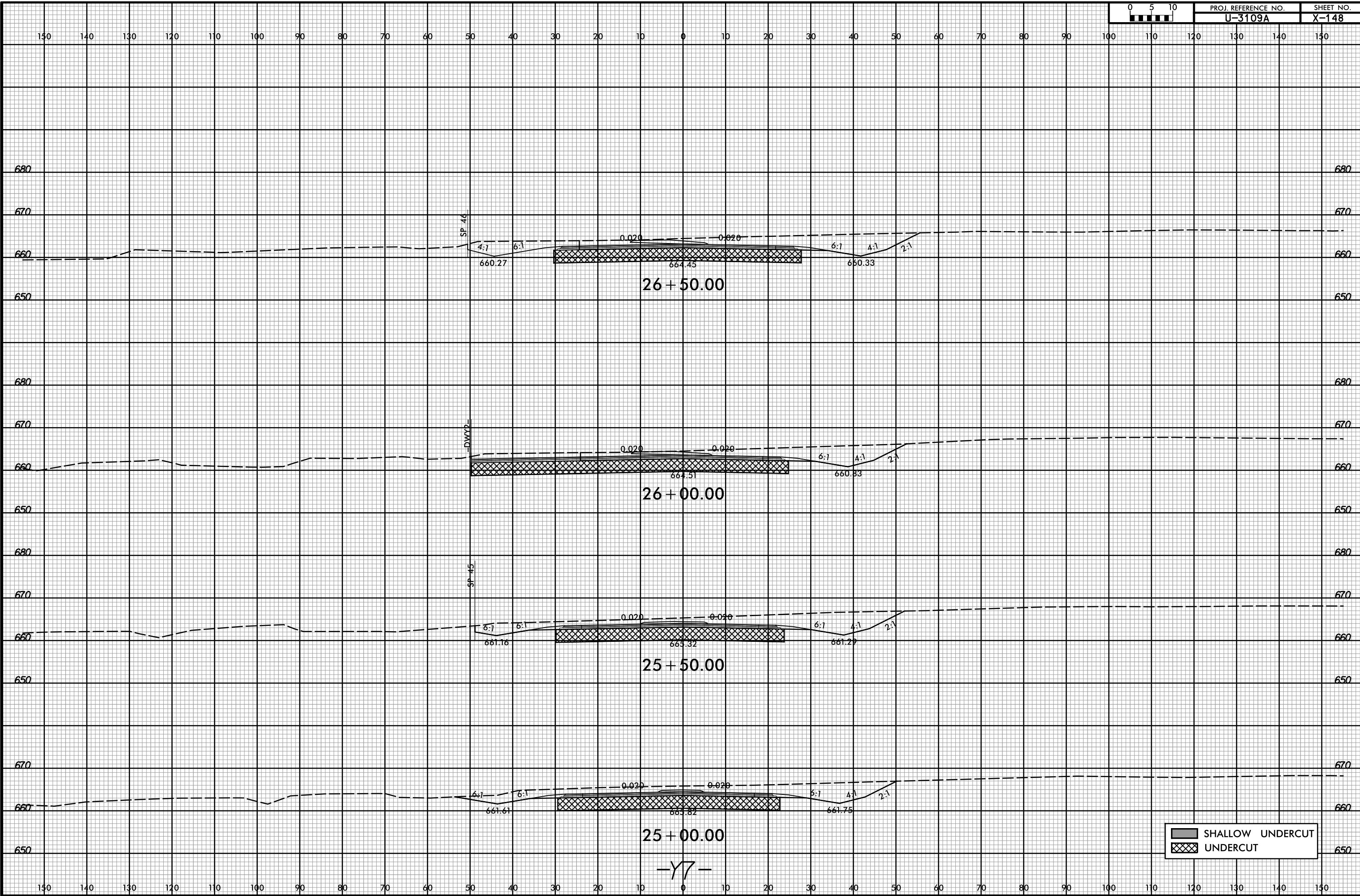
SHEET NO.
X-147

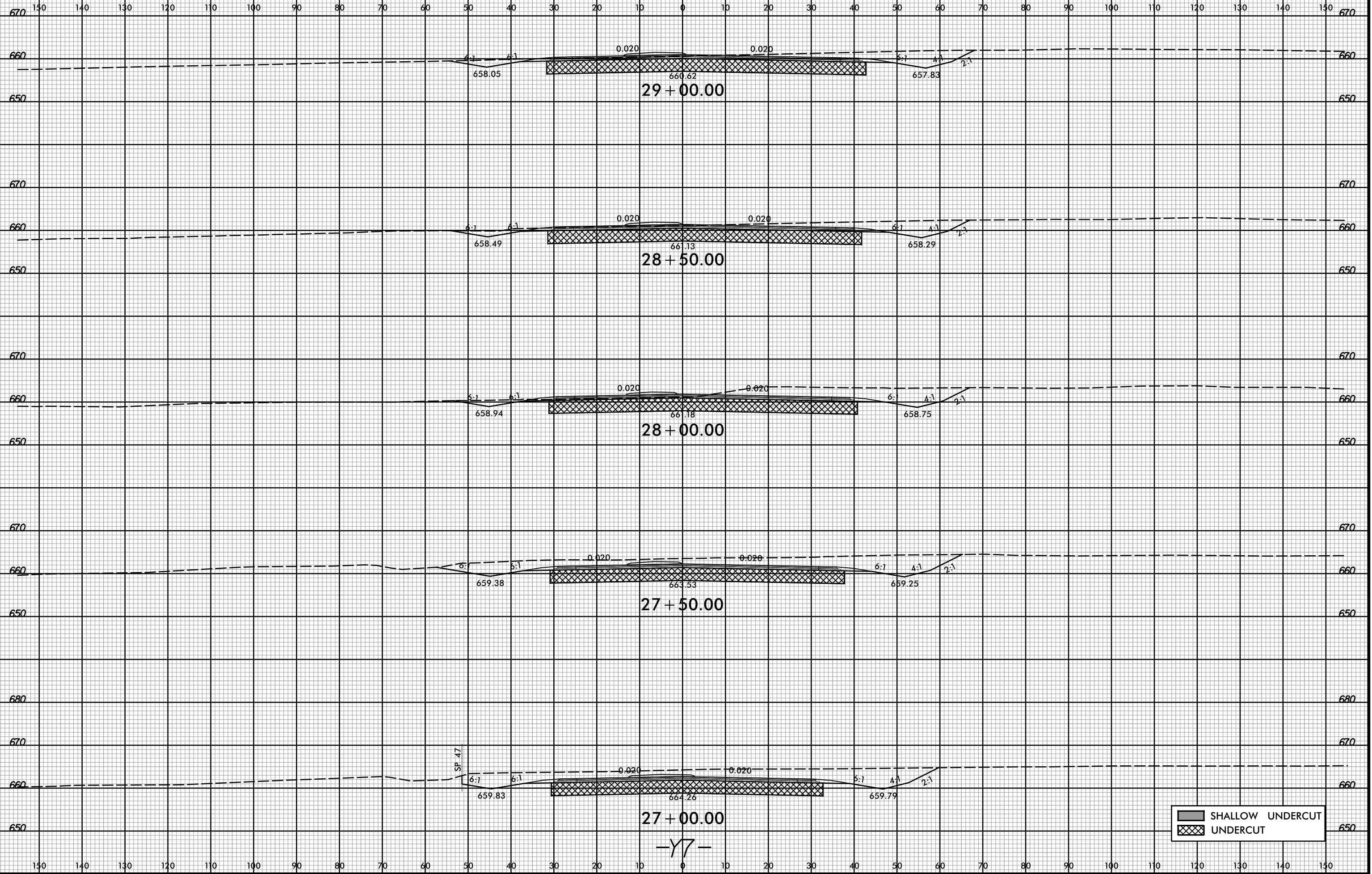


SHALLOW UNDERCUT
UNDERCUT

-Y7-

3/2/2017 10:43:52 AM
R:\Roadway\XSC\13109A_Rdy_xpl_Y7.dgn
User: Todd.Buckner

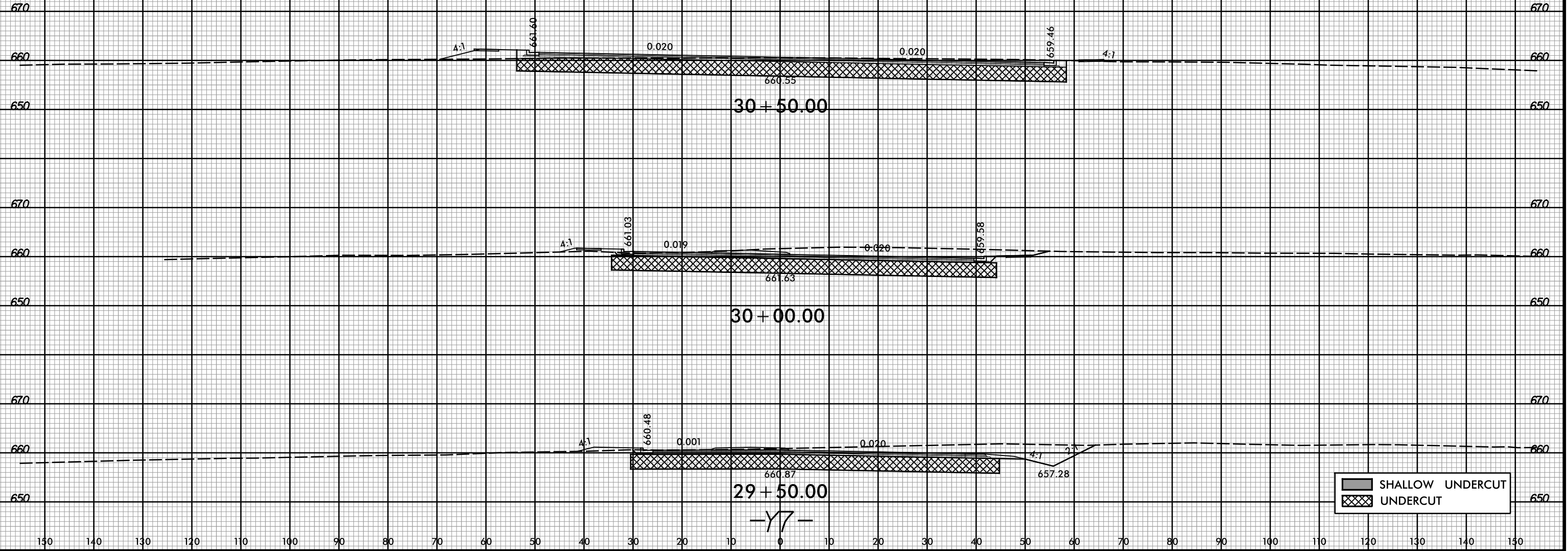




SHALLOW UNDERCUT
 UNDERCUT

-Y7-

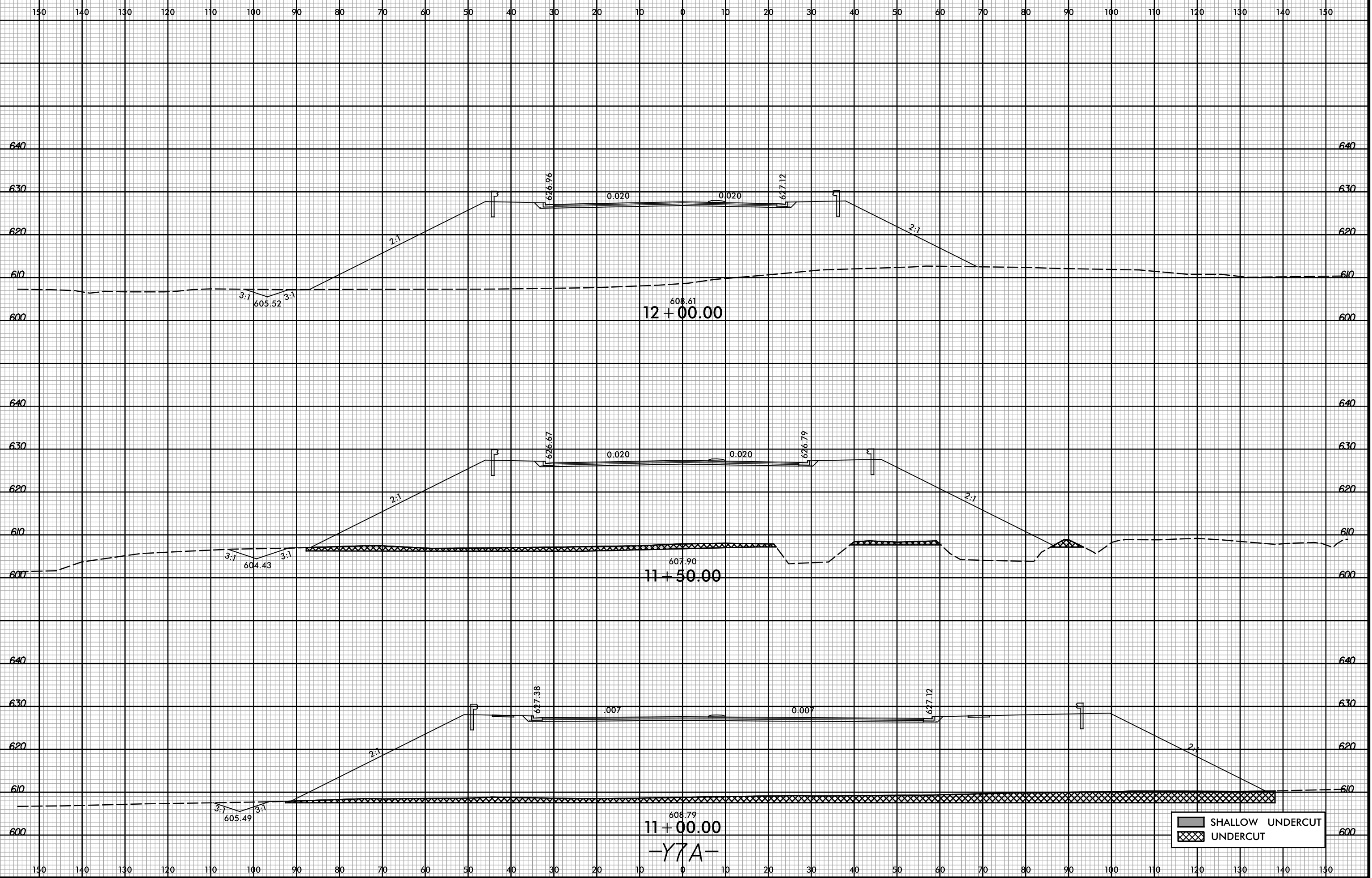
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



8/23/99



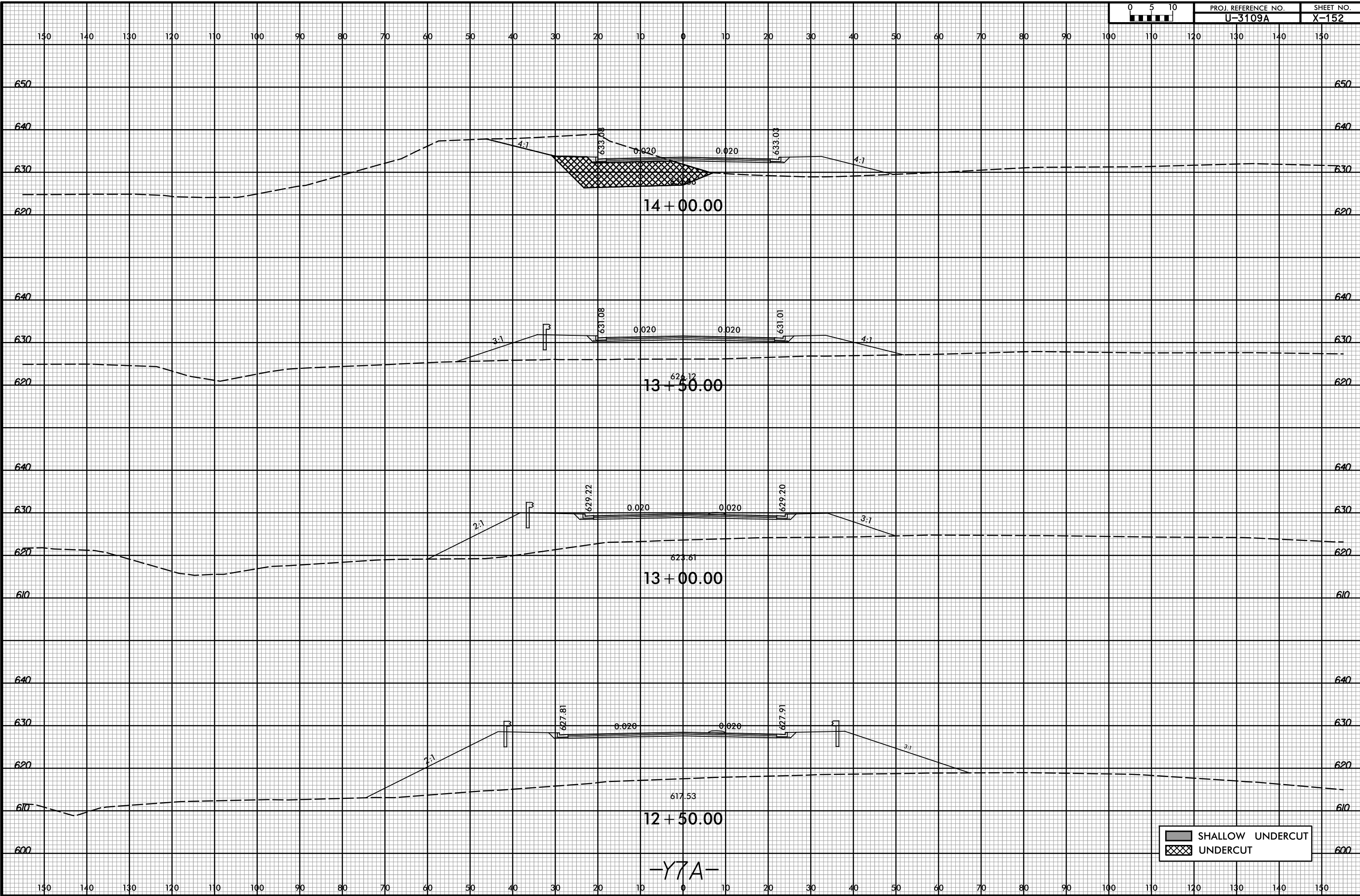
PROJ. REFERENCE NO. U-3109A SHEET NO. X-151



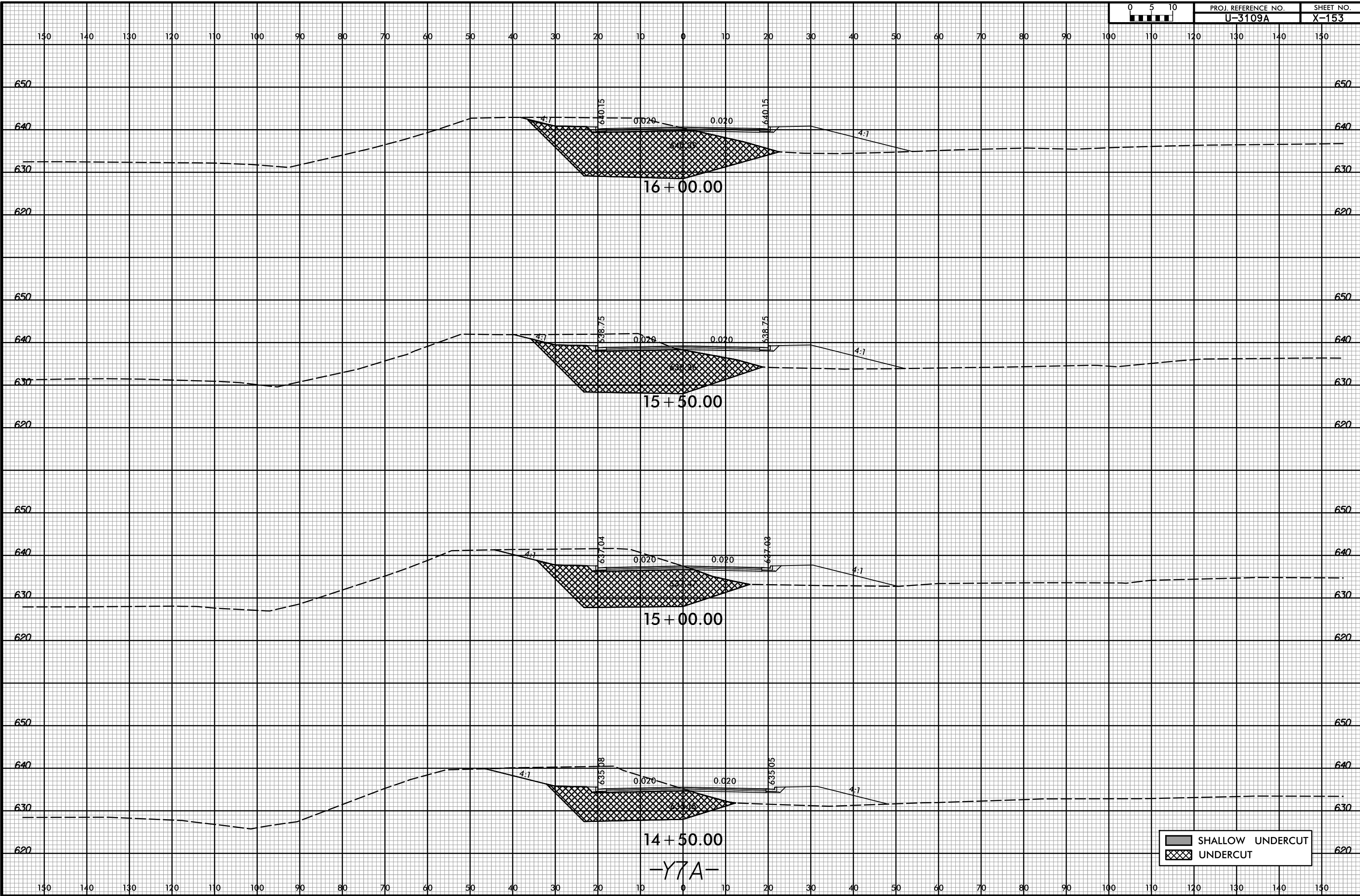
| | |
|--|------------------|
| | SHALLOW UNDERCUT |
| | UNDERCUT |

3/2/2017 10:43:54 AM
R:\Roadway\XSC\13109A_Rdy_xpl_Y7A.dgn
User: Todd.Buckner

-Y7A-



SHALLOW UNDERCUT
 UNDERCUT





16+00.00

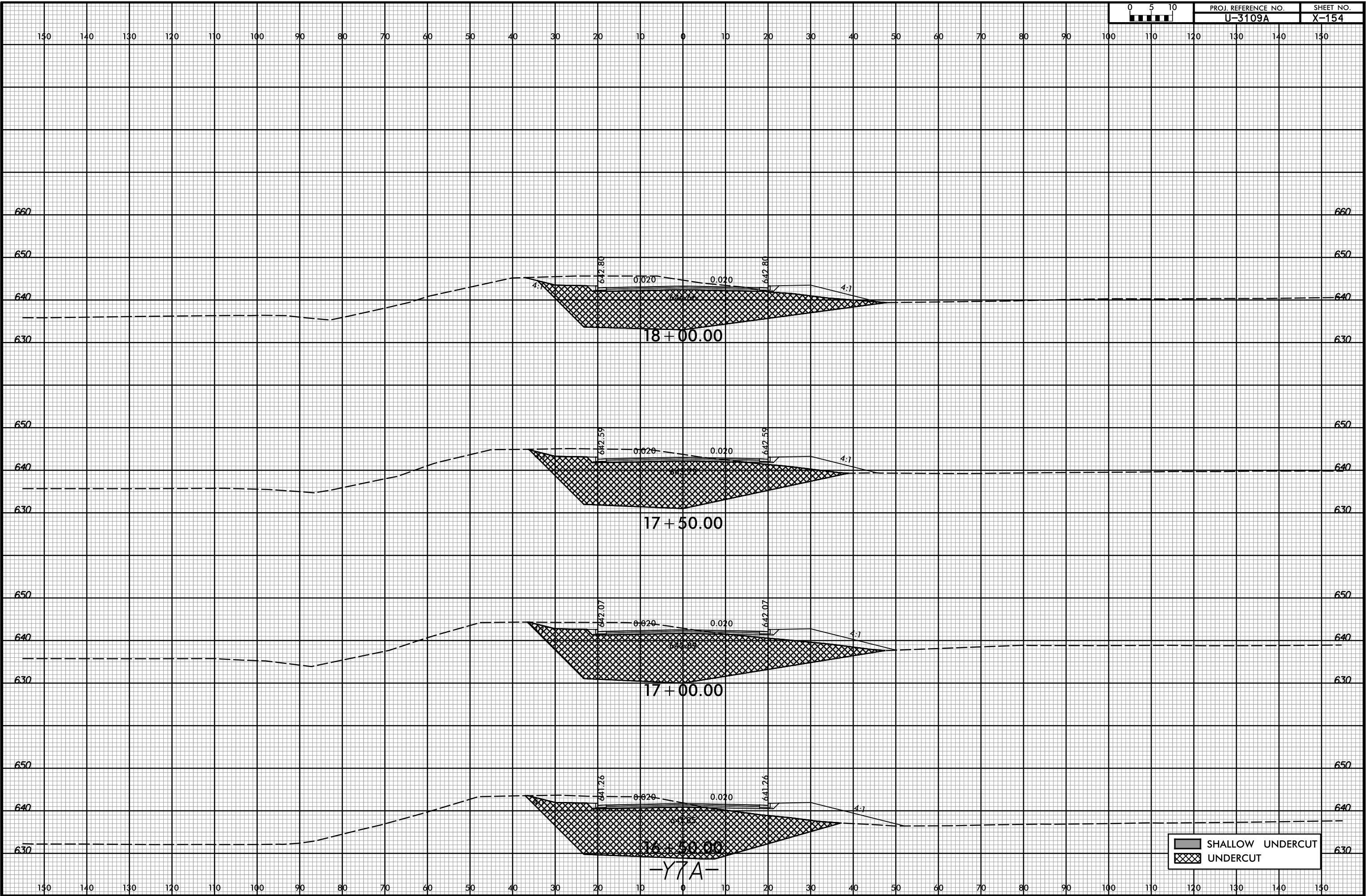
15+50.00

15+00.00

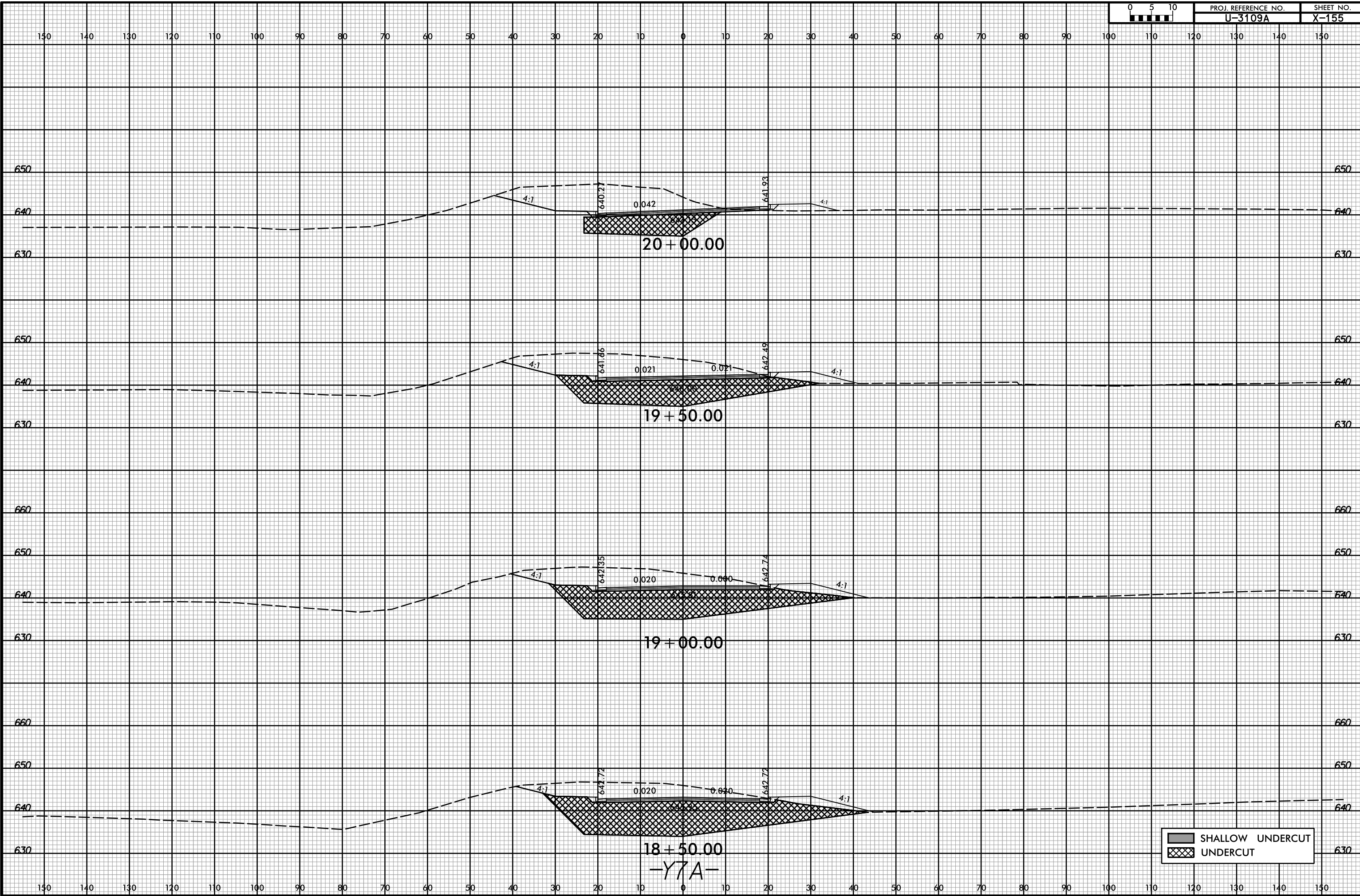
14+50.00

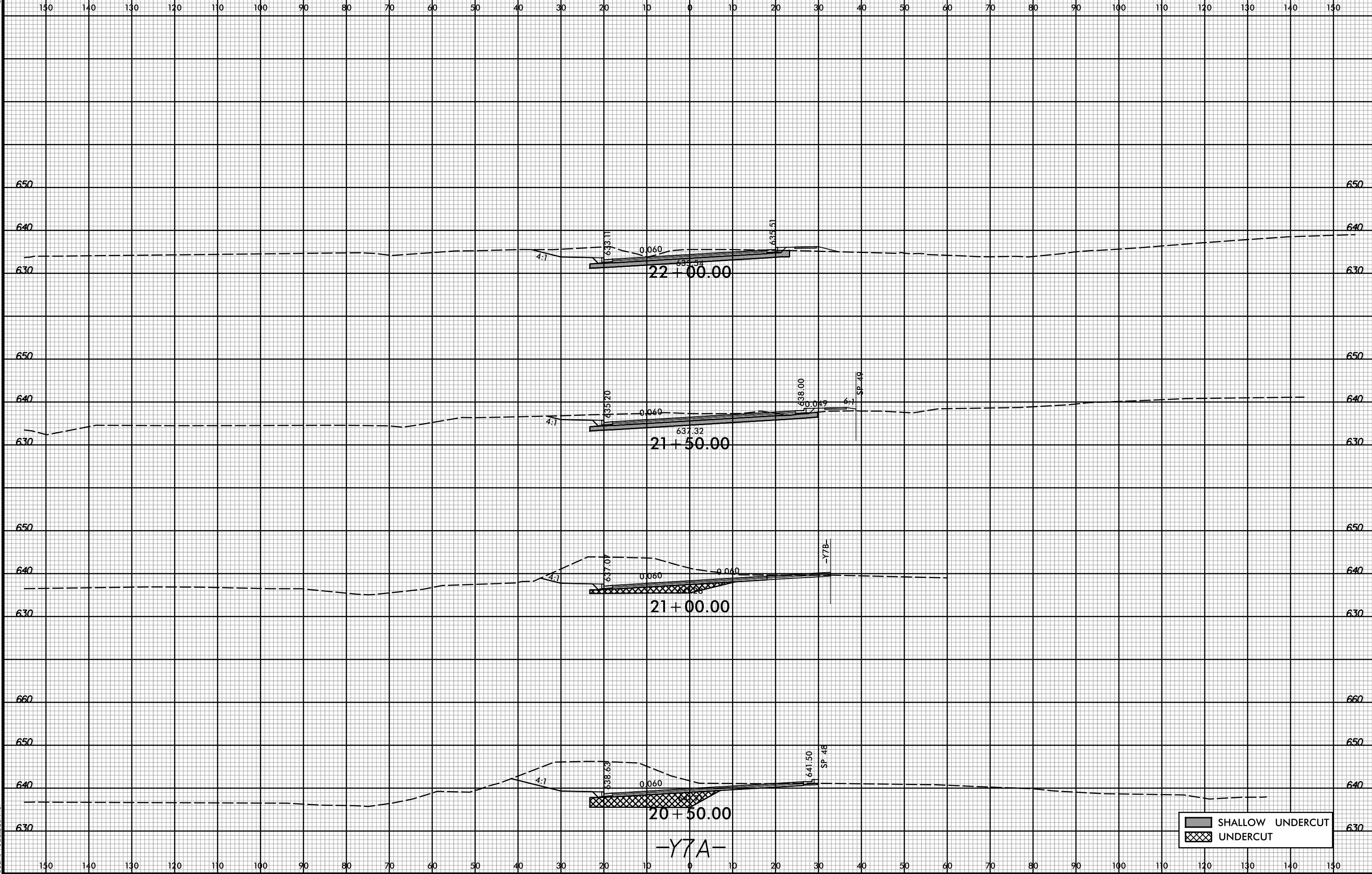
-Y7A-


| | |
|---|------------------|
|  | SHALLOW UNDERCUT |
|  | UNDERCUT |



SHALLOW UNDERCUT
 UNDERCUT



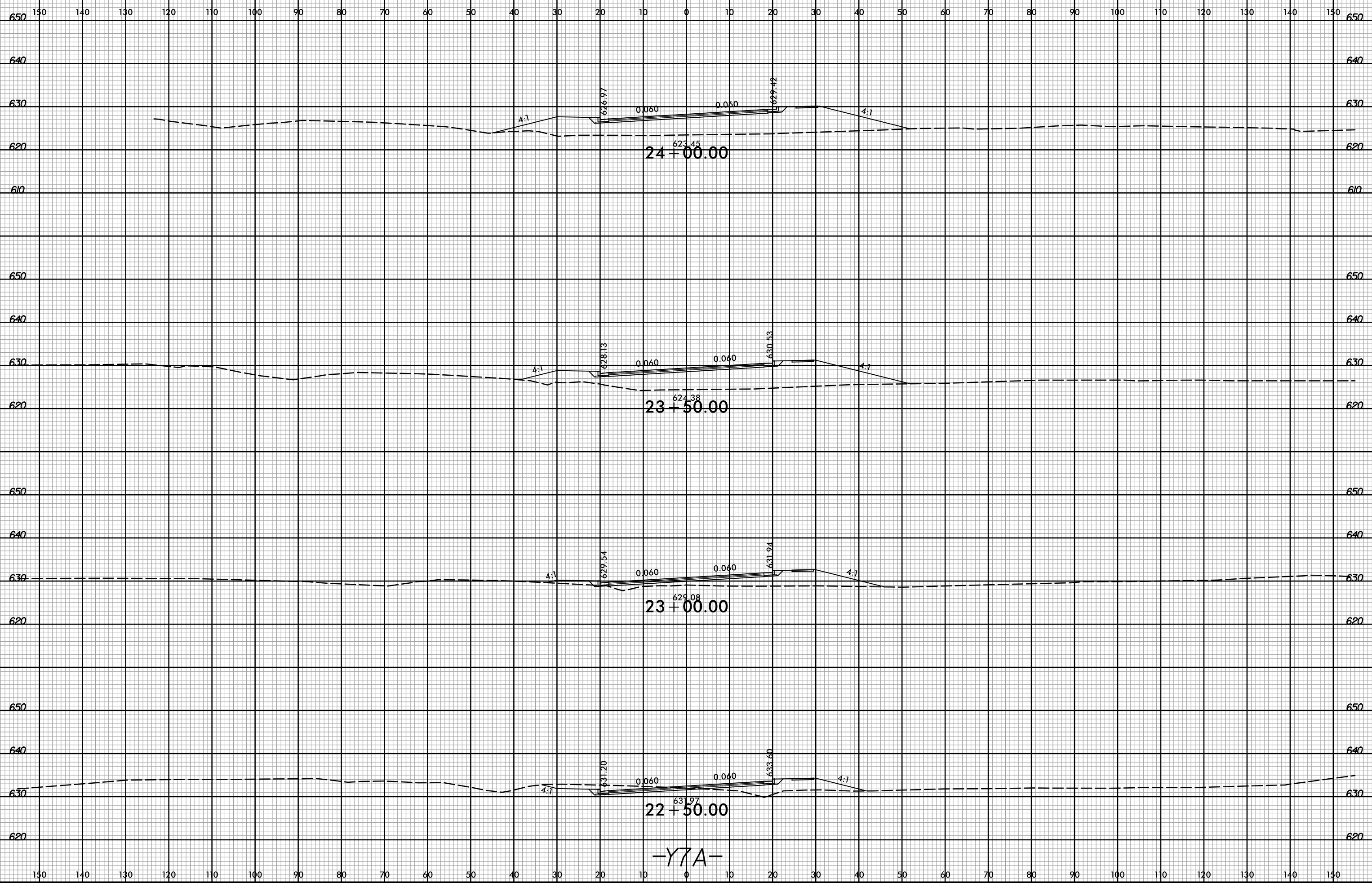


| | |
|---|------------------|
|  | SHALLOW UNDERCUT |
|  | UNDERCUT |

8/23/99

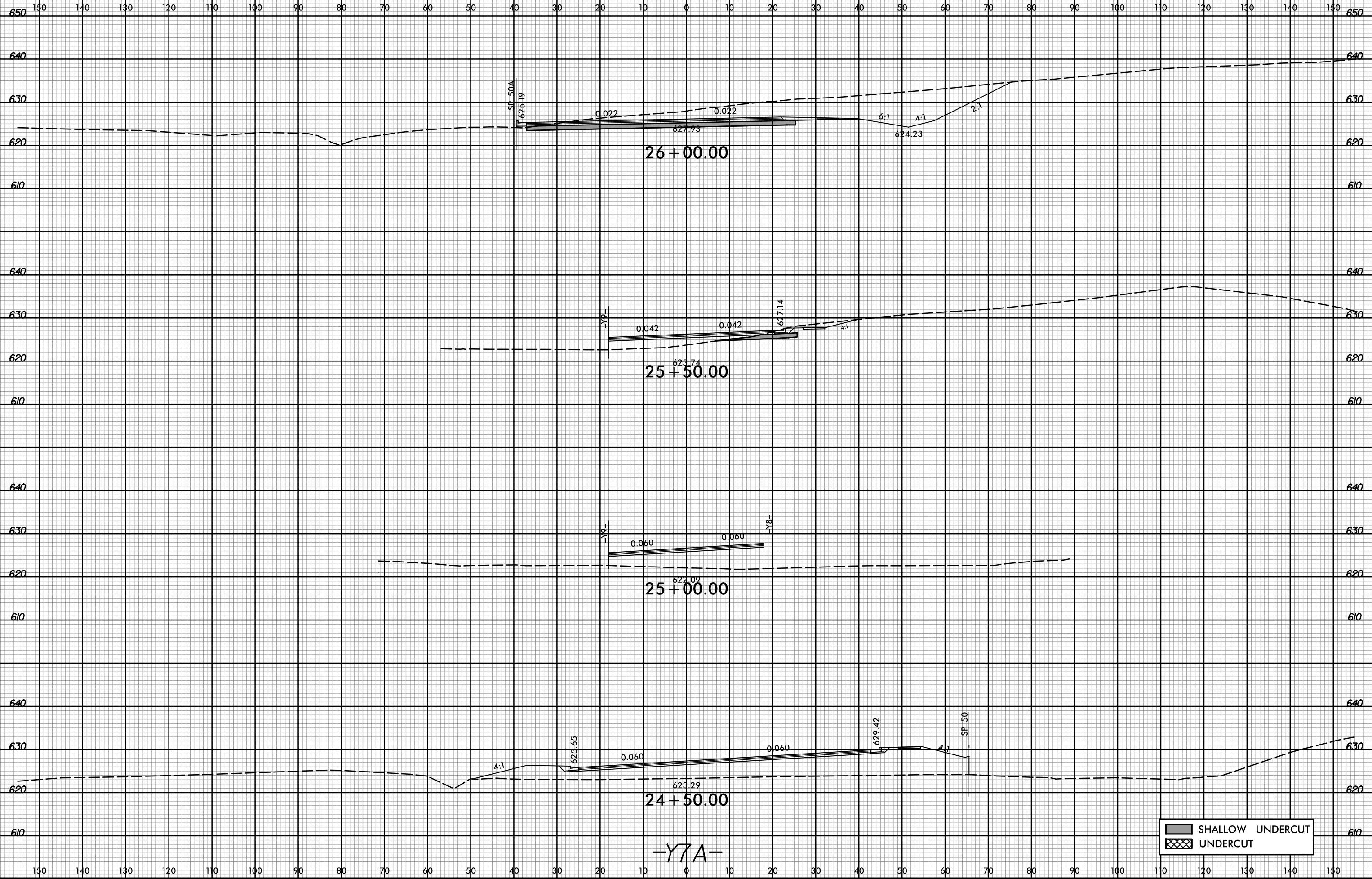


| | |
|---------------------|-----------|
| PROJ. REFERENCE NO. | SHEET NO. |
| U-3109A | X-157 |



-Y7A-

3/2/2017 10:43:56 AM
 R:\Roadway\XSCA\3109A_Rdy_xpl_Y7A.dgn
 User: Todd.Buckner



3/2/2017 10:43:56 AM
R:\Roadway\XSCA\3109A_Rdy_xpl_Y7A.dgn
User: Todd.Buckner



26 + 00.00

25 + 50.00

25 + 00.00

24 + 50.00

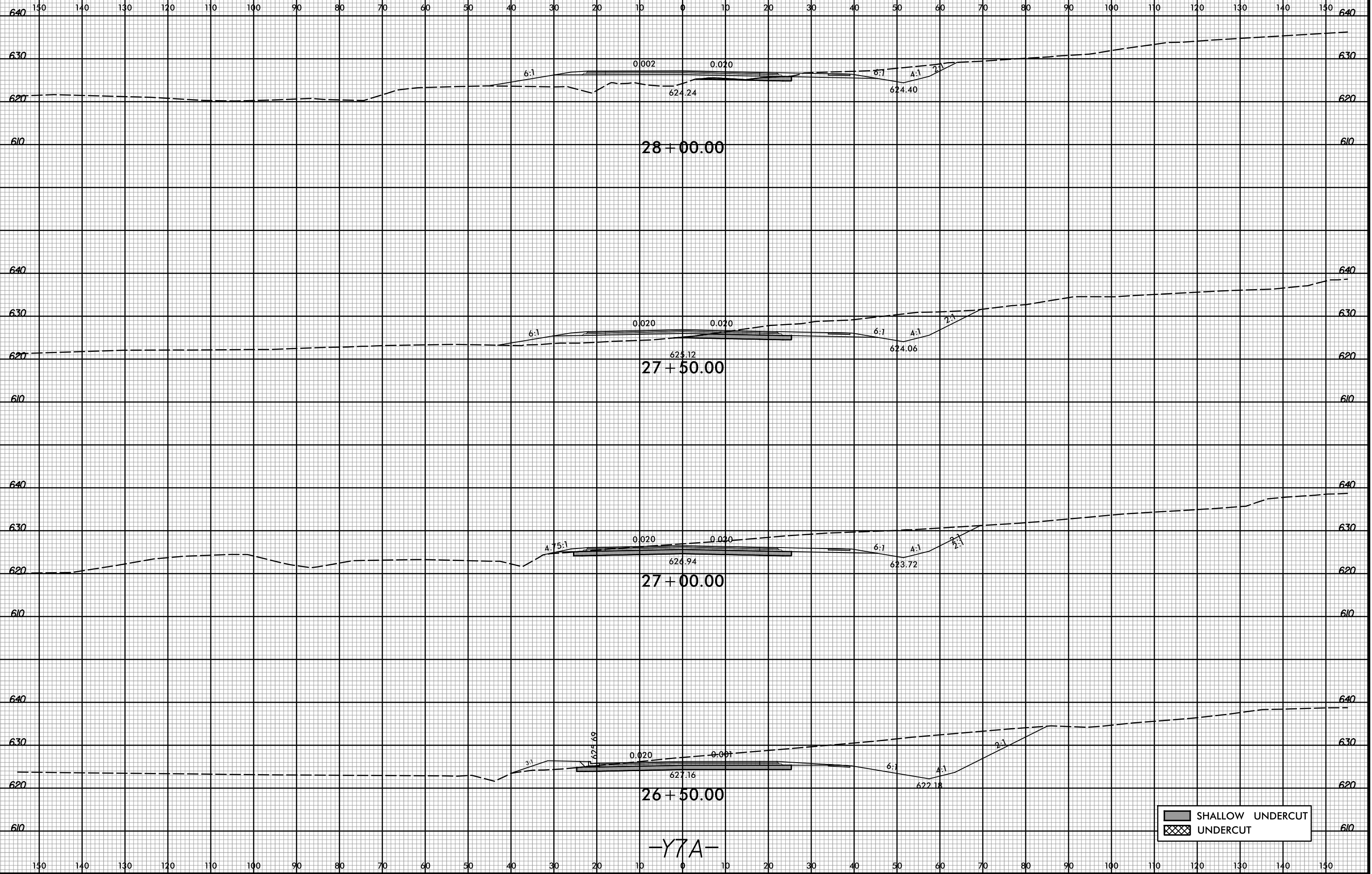
-Y7A-

| | |
|---|------------------|
|  | SHALLOW UNDERCUT |
|  | UNDERCUT |

8/23/99



PROJ. REFERENCE NO. U-3109A SHEET NO. X-159



28 + 00.00

27 + 50.00

27 + 00.00

26 + 50.00

-Y7A-

SHALLOW UNDERCUT
UNDERCUT

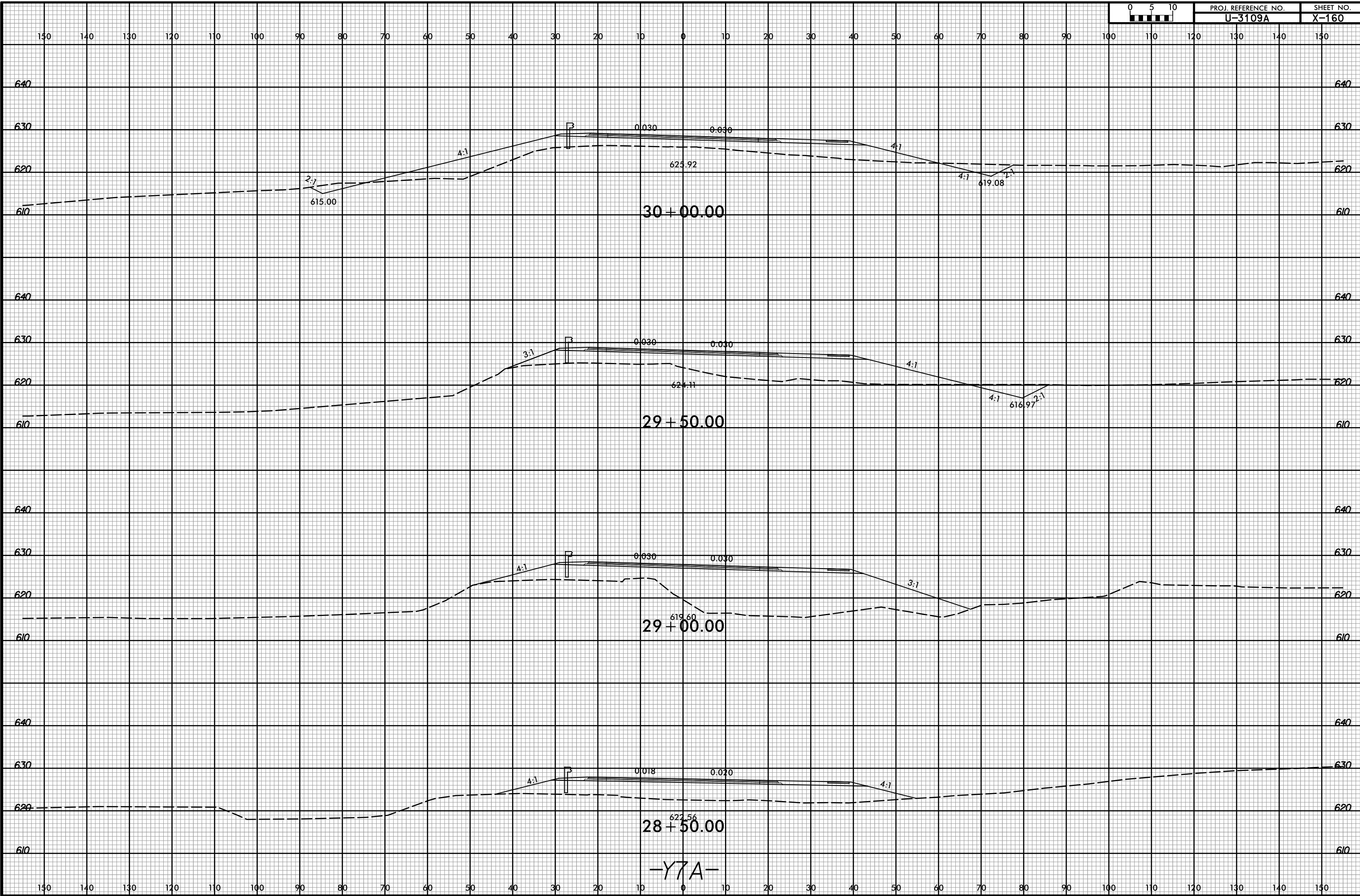
3/2/2017 10:43:56 AM
R:\Roadway\XSCA\3109A_Rdy...xp1_Y7A.dgn
User: Todd.Buckner

8/23/99



PROJ. REFERENCE NO.
U-3109A

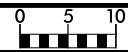
SHEET NO.
X-160



3/2/2017 10:43:57 AM
R:\Roadway\XSC\13109A_Rdy_xpl_Y7A.dgn
User: Todd.Buckner

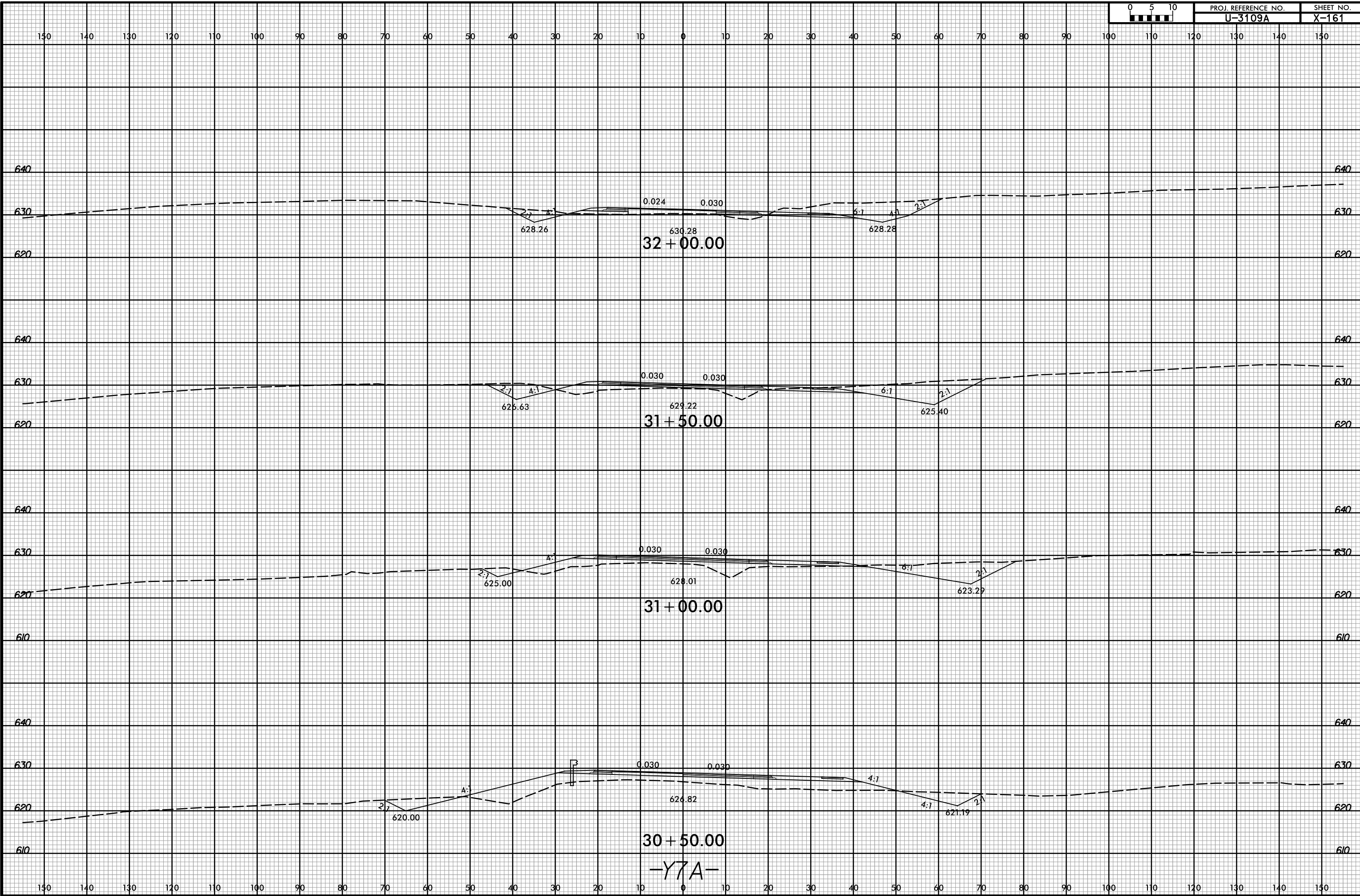
-Y7A-

8/23/99



PROJ. REFERENCE NO.
U-3109A

SHEET NO.
X-161



3/2/2017 10:43:57 AM
R:\Roadway\XSC\13109A_Rdy_xpl_Y7A.dgn
User: Todd.Buckner

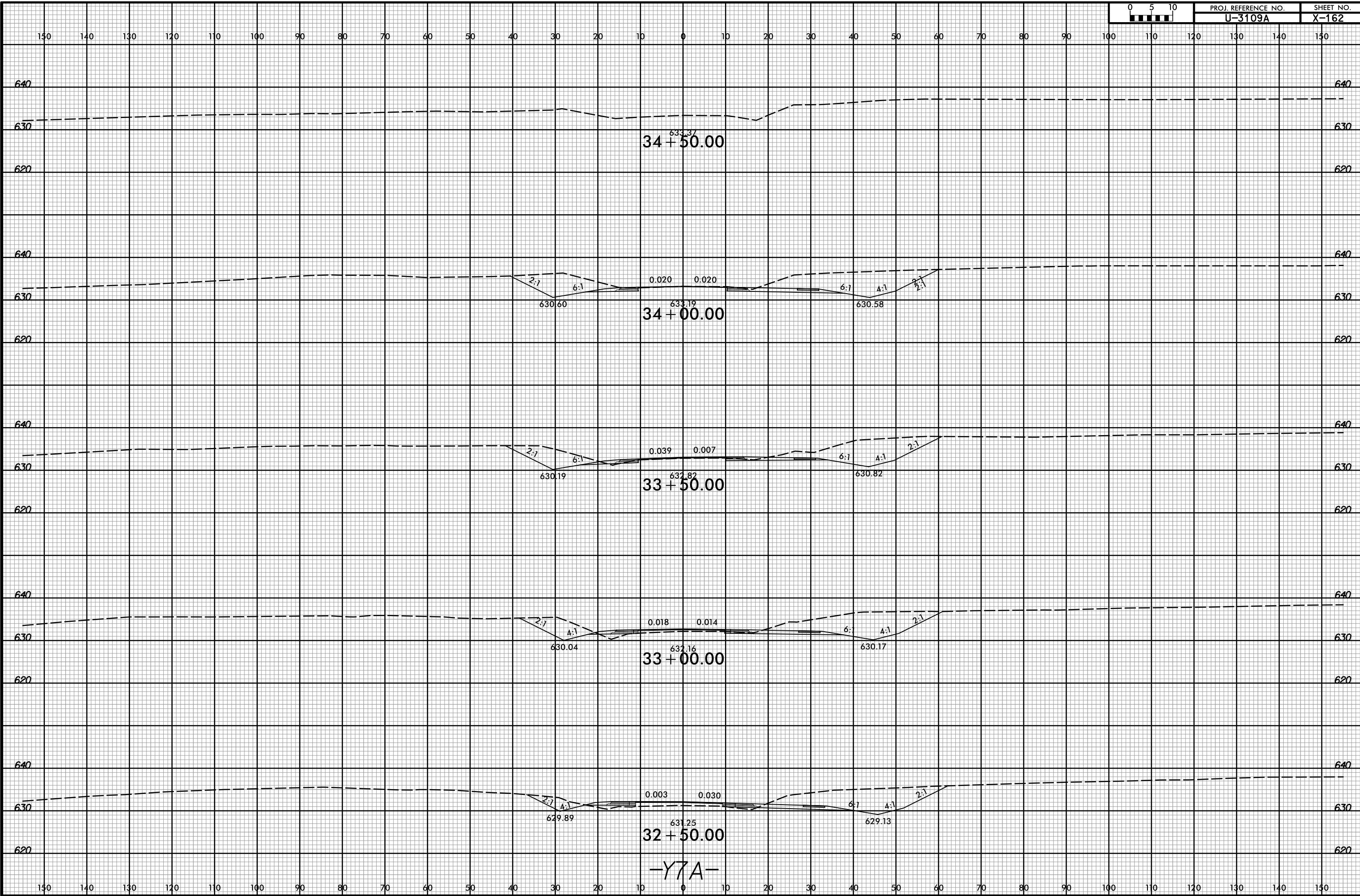
30+50.00
-Y7A-

8/23/99



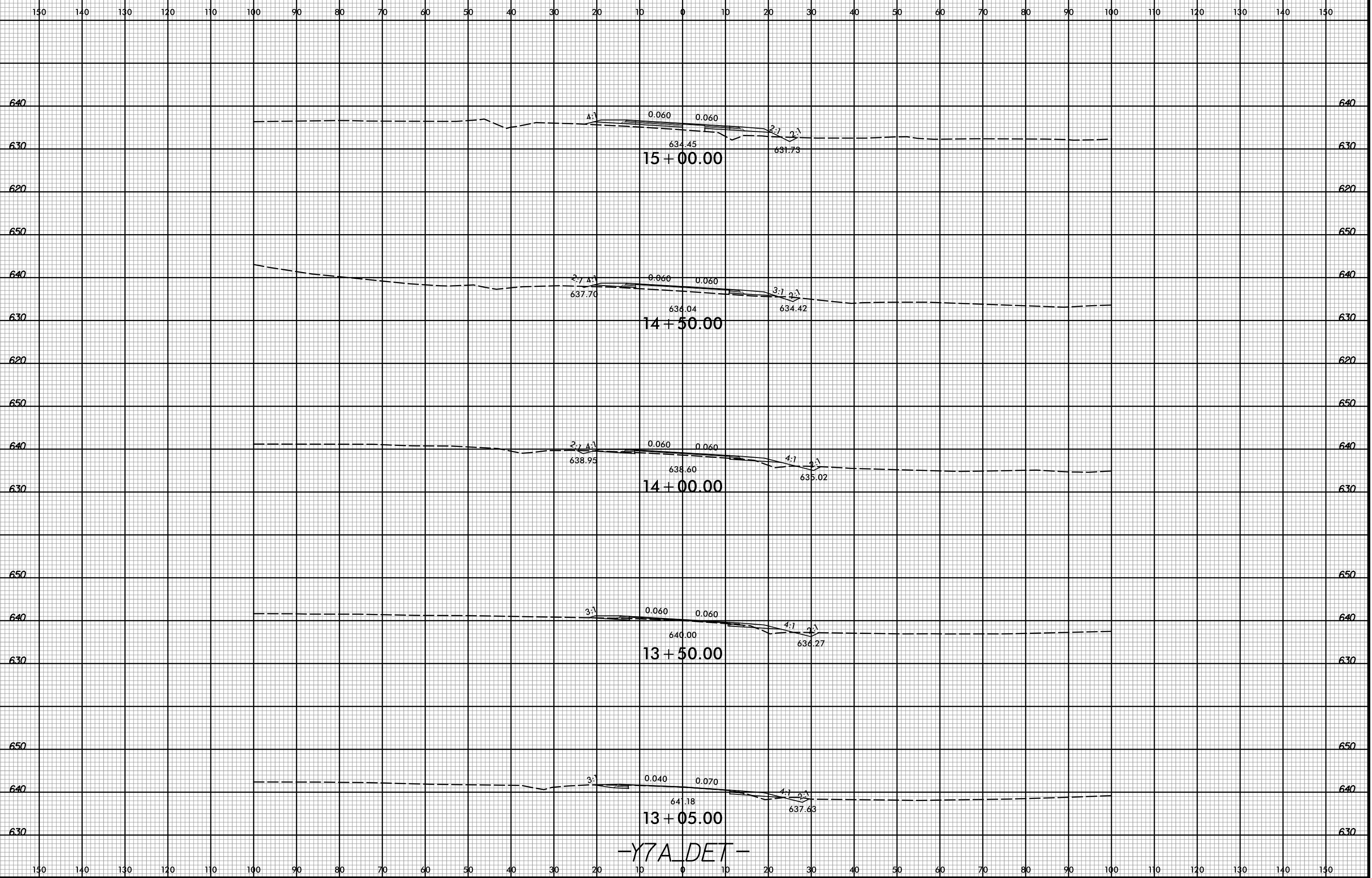
PROJ. REFERENCE NO.
U-3109A

SHEET NO.
X-162

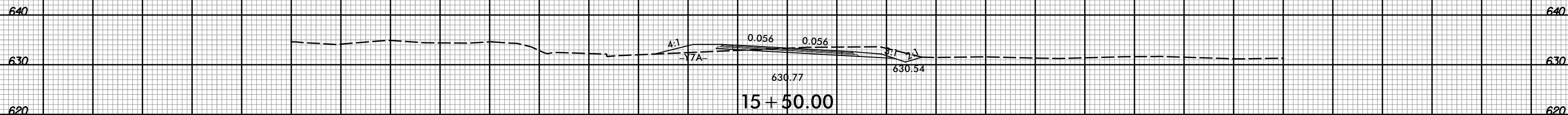
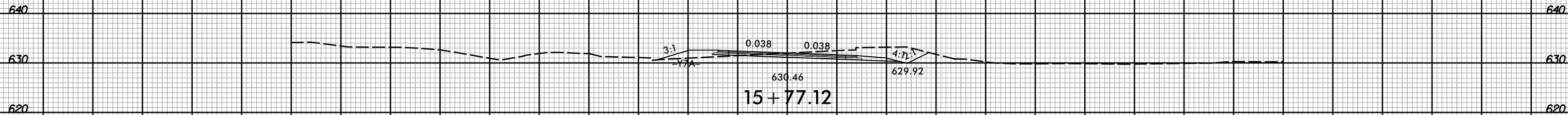


3/2/2017 10:43:57 AM
R:\Roadway\XSC\13109A_Rdy_xpl_Y7A.dgn
User: Todd.Buckner

-Y7A-



150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



-Y7A DET-

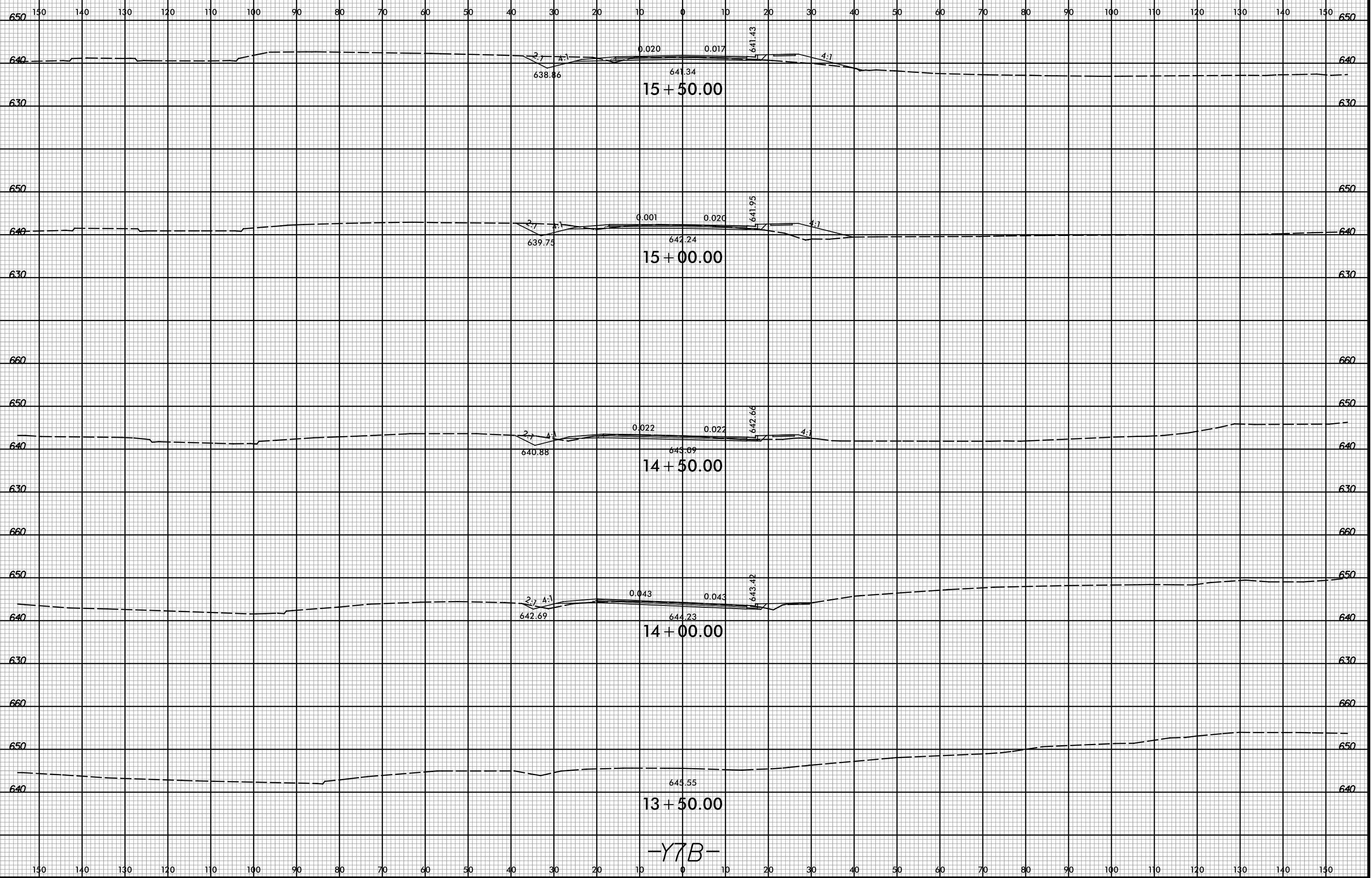
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

8/23/99



PROJ. REFERENCE NO.
U-3109A

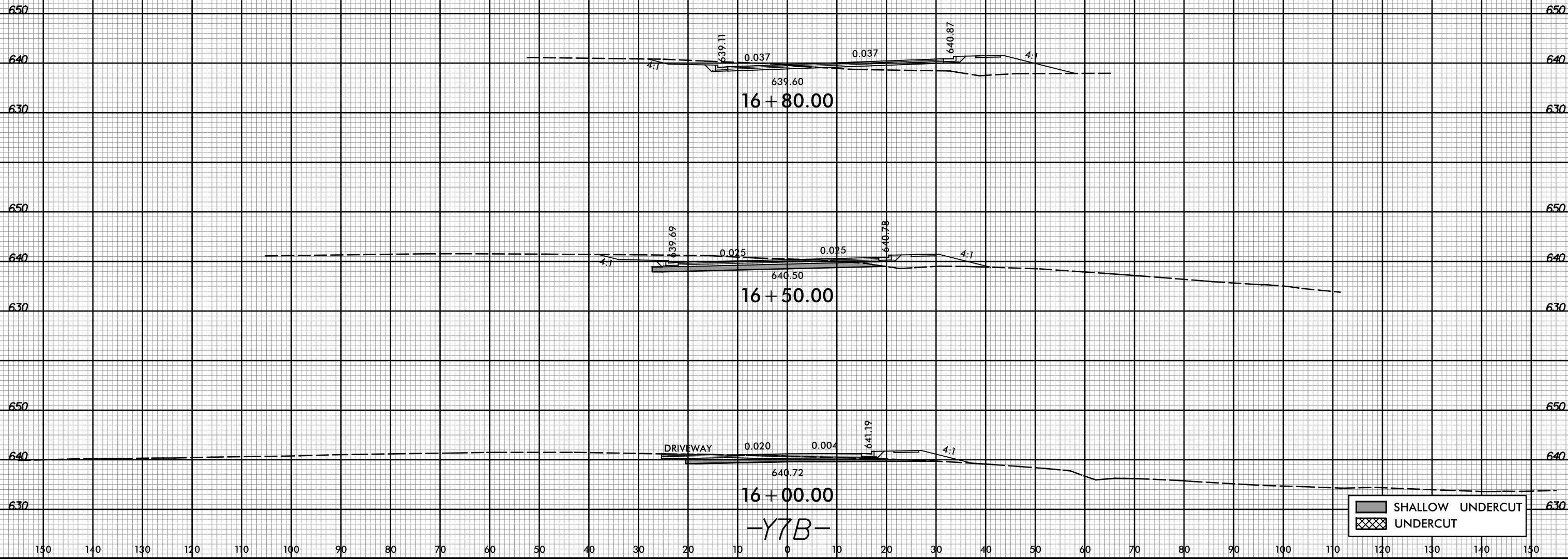
SHEET NO.
X-165

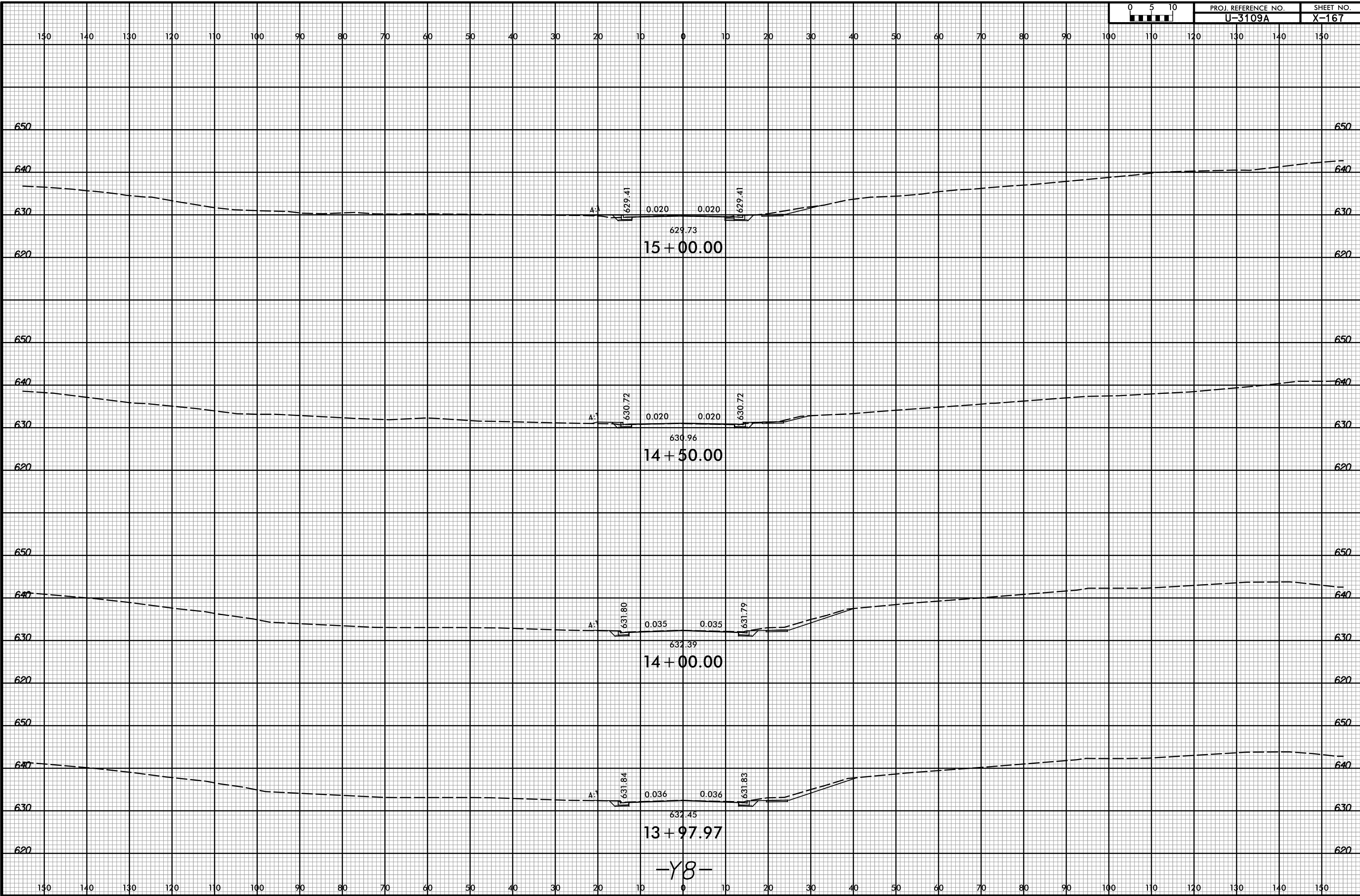


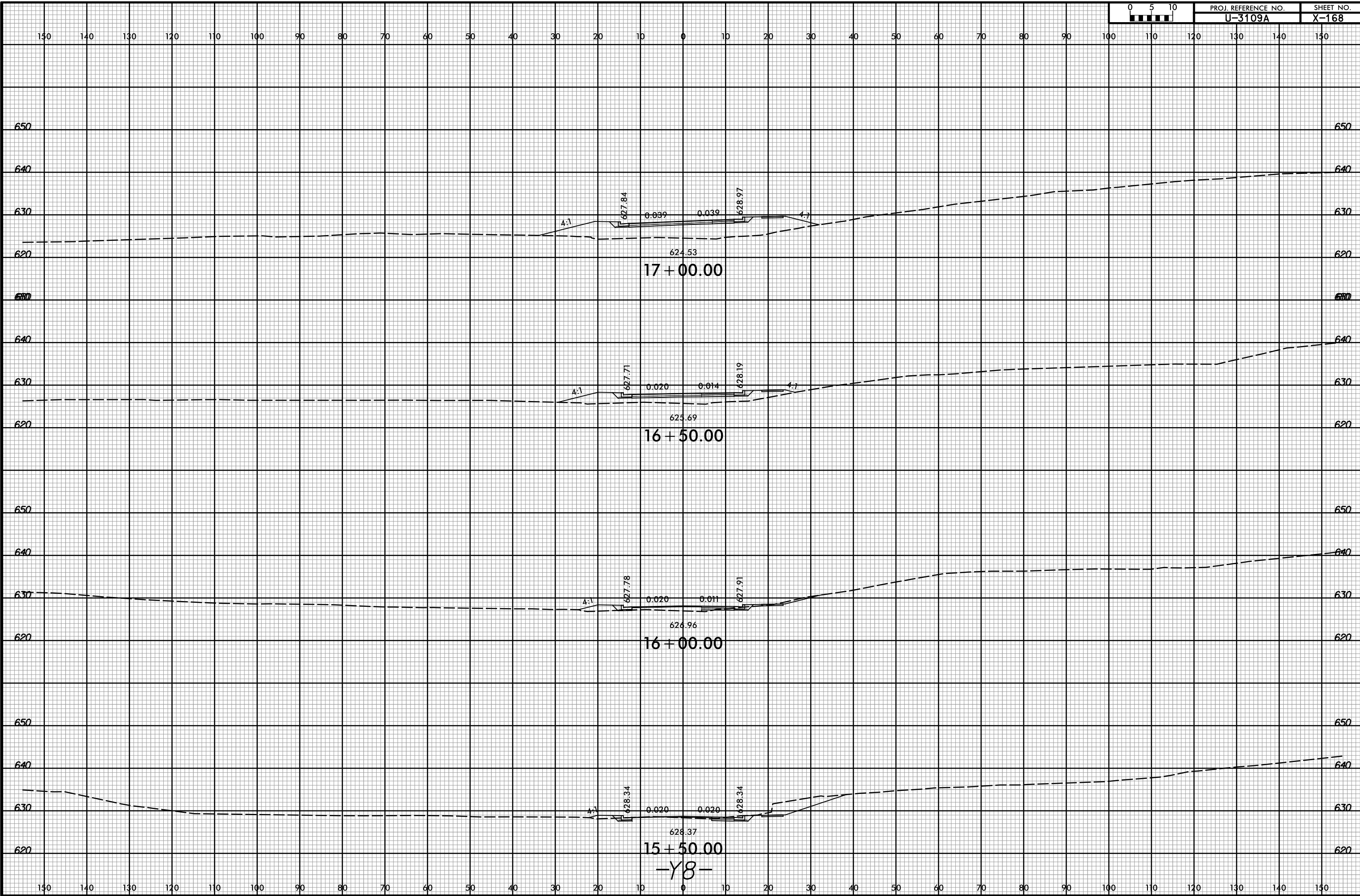
3/2/2017 10:43:59 AM
R:\Roadway\XSC\13109A_Rdy_xpl_Y7B.dgn
User: Todd.Buckner

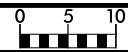
-Y7B-

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150





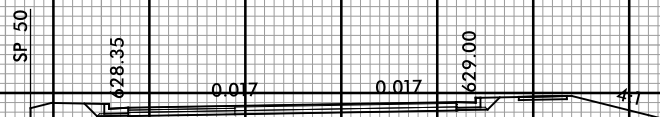




150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

640
630
620
610

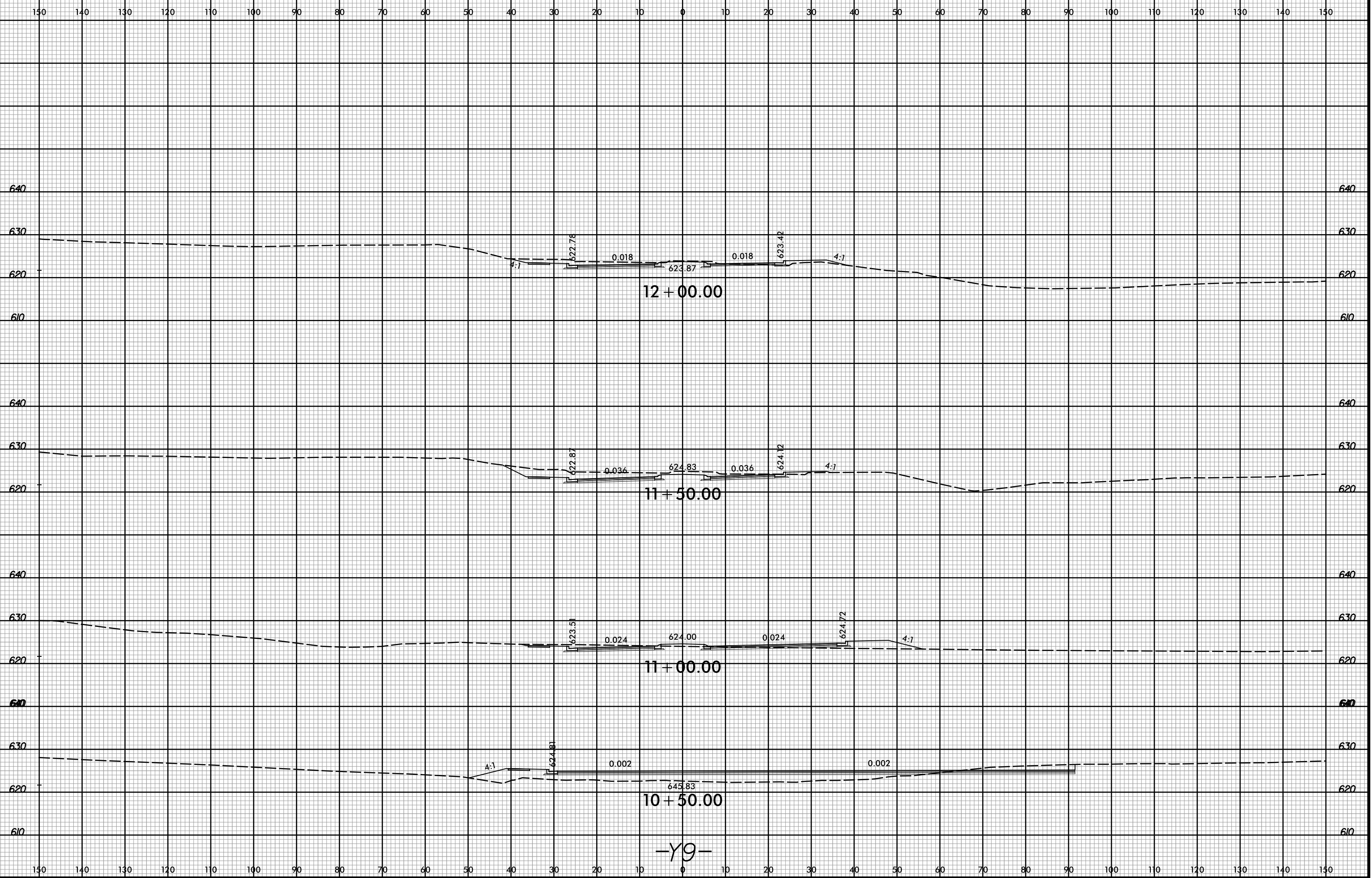
640
630
620
610



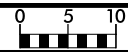
623.42
17+50.00

-Y8-

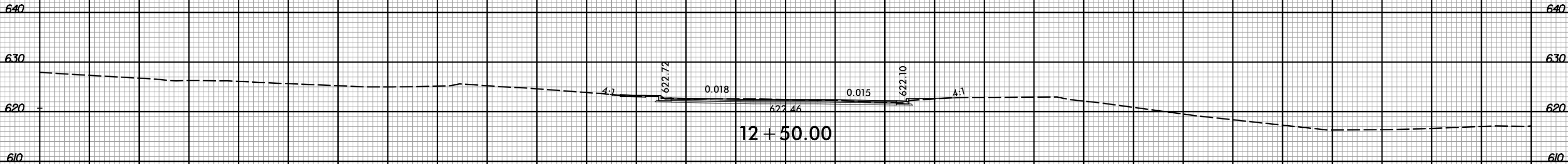
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



-Y9-



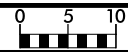
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



-Y9-

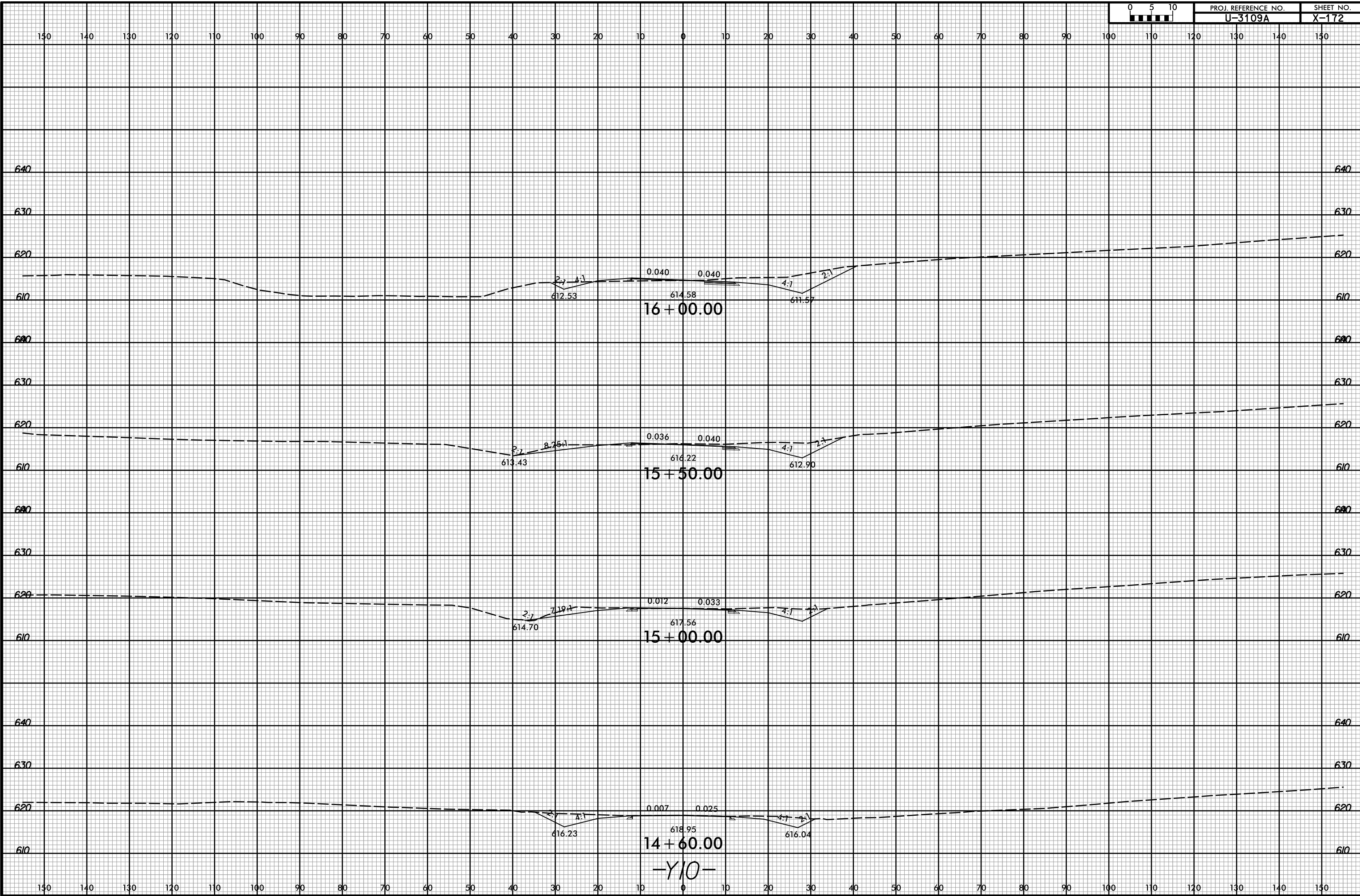
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

8/23/99



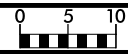
PROJ. REFERENCE NO.
U-3109A

SHEET NO.
X-172



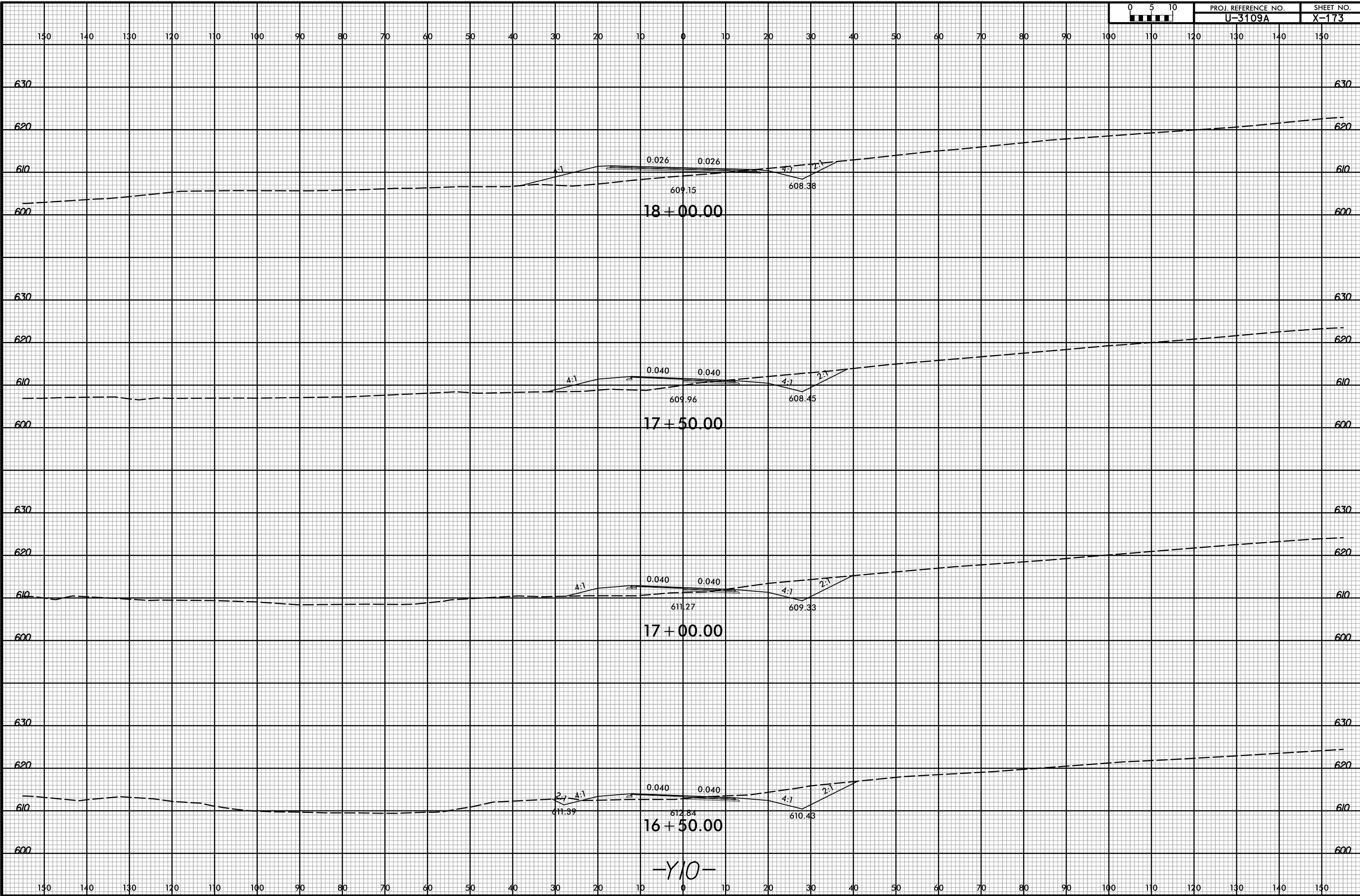
3/2/2017 10:44:02 AM
R:\Roadway\XSC\13109A_Rdy_xp1_Y10.dgn
User: Todd.Buckner

8/23/99



PROJ. REFERENCE NO.
U-3109A

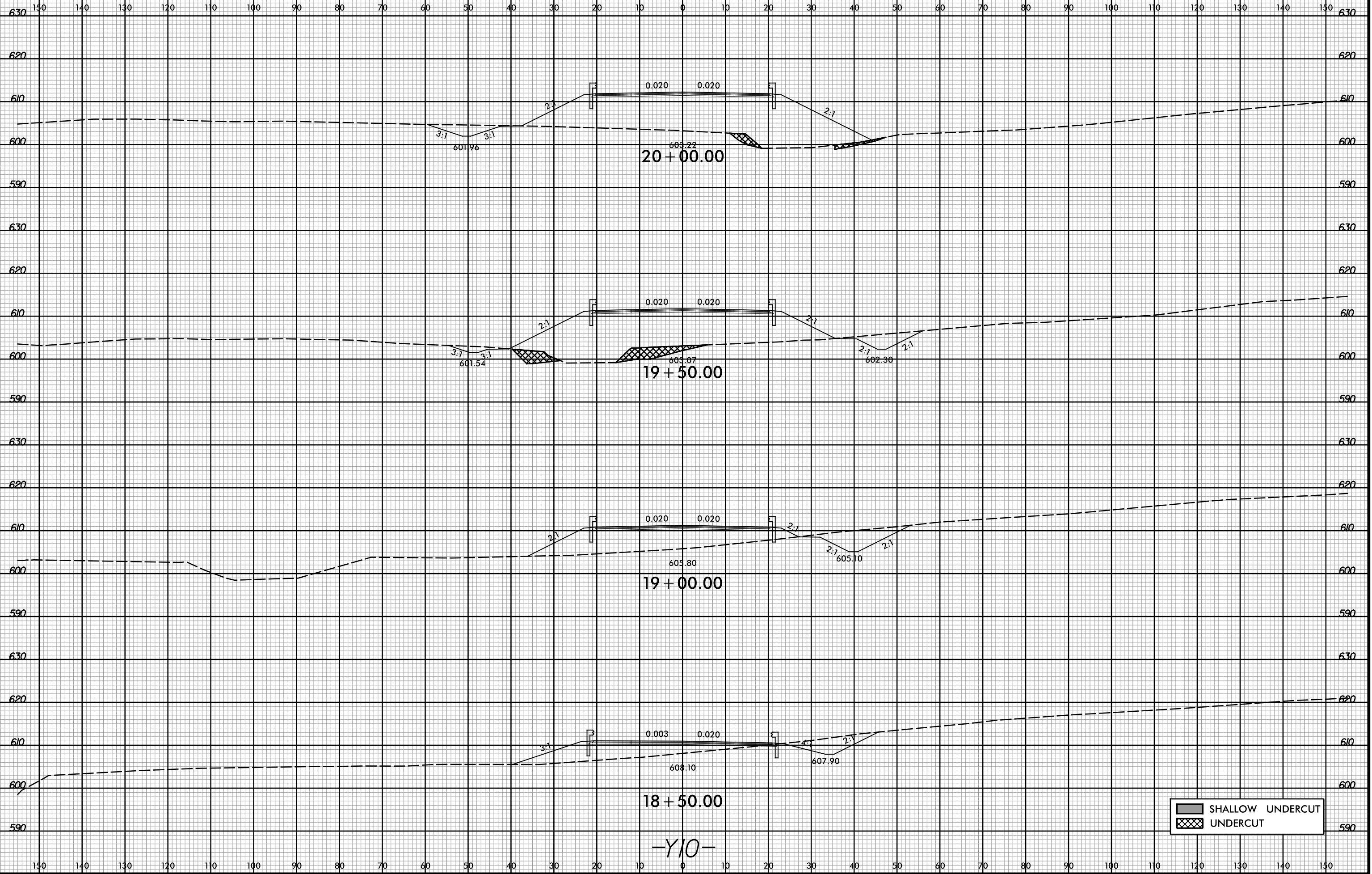
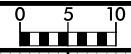
SHEET NO.
X-173



3/2/2017 10:44:03 AM
R:\Roadway\XSC\13109A_Rdy_xp1_110.dgn
User: Todd.Buckner

-Y10-

8/23/99

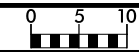


| | |
|--|------------------|
| | SHALLOW UNDERCUT |
| | UNDERCUT |

-Y10-

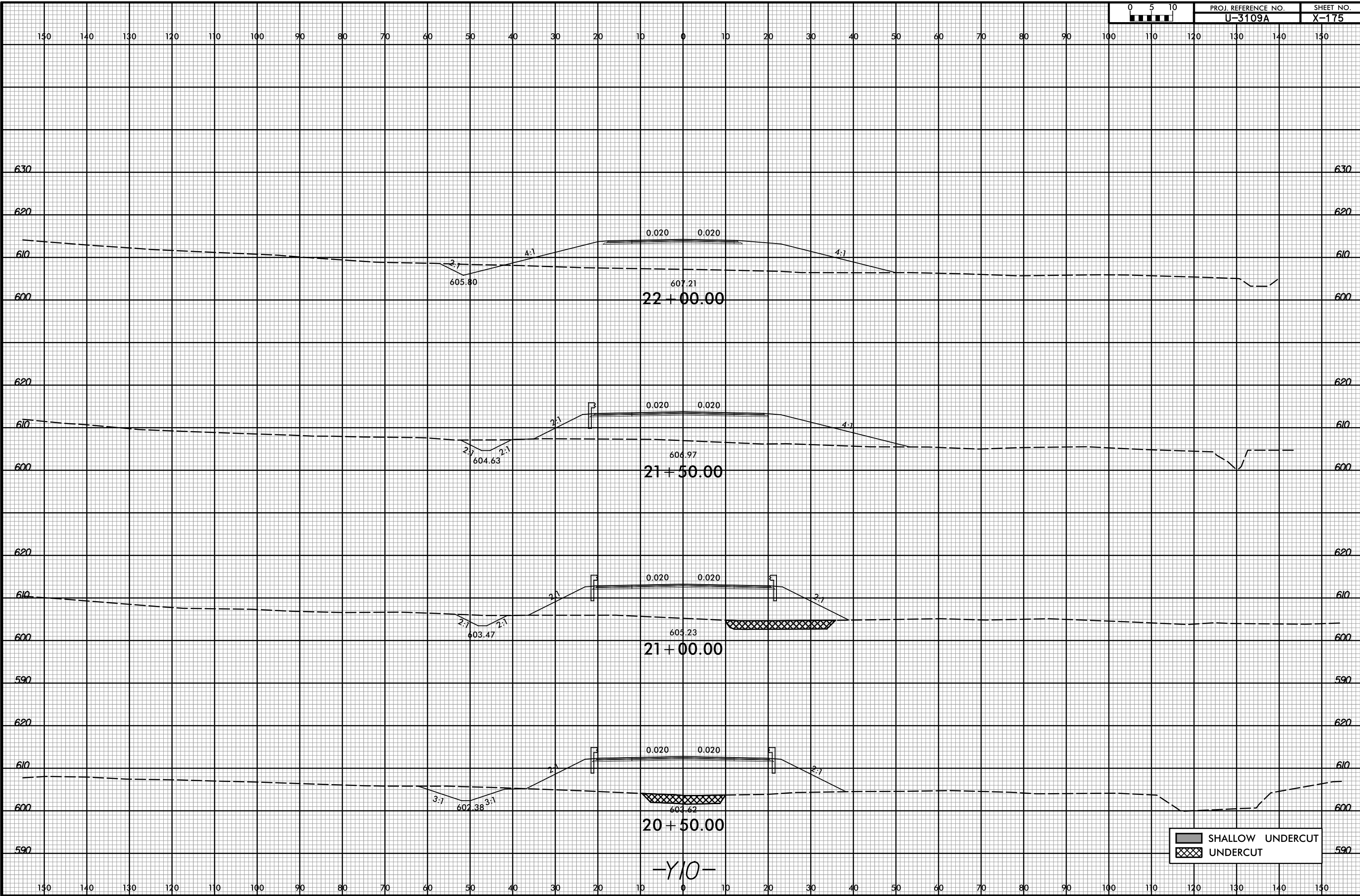
3/2/2017 10:44:03 AM
R:\Roadway\XSC\13109A_Rdy_xp1_Y10.dgn
User: Todd.Buckner

8/23/99



PROJ. REFERENCE NO.
U-3109A

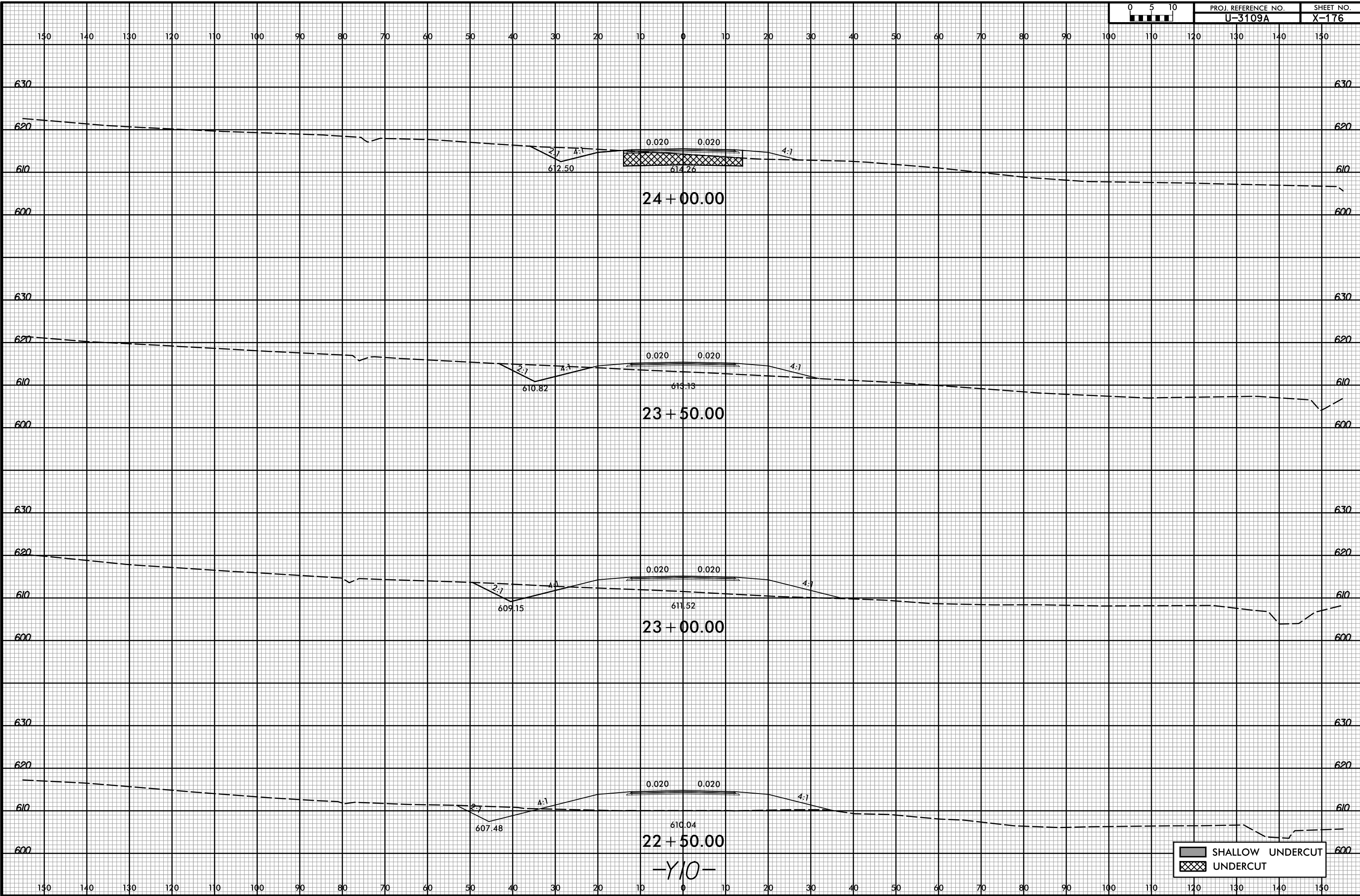
SHEET NO.
X-175





3/2/2017 10:44:03 AM
R:\Roadway\XSC\13109A_Rdy_xp_1_Y10.dgn
User: Todd.Buckner

-Y10-

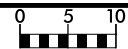
SHALLOW UNDERCUT
 UNDERCUT



| | |
|---|------------------|
|  | SHALLOW UNDERCUT |
|  | UNDERCUT |

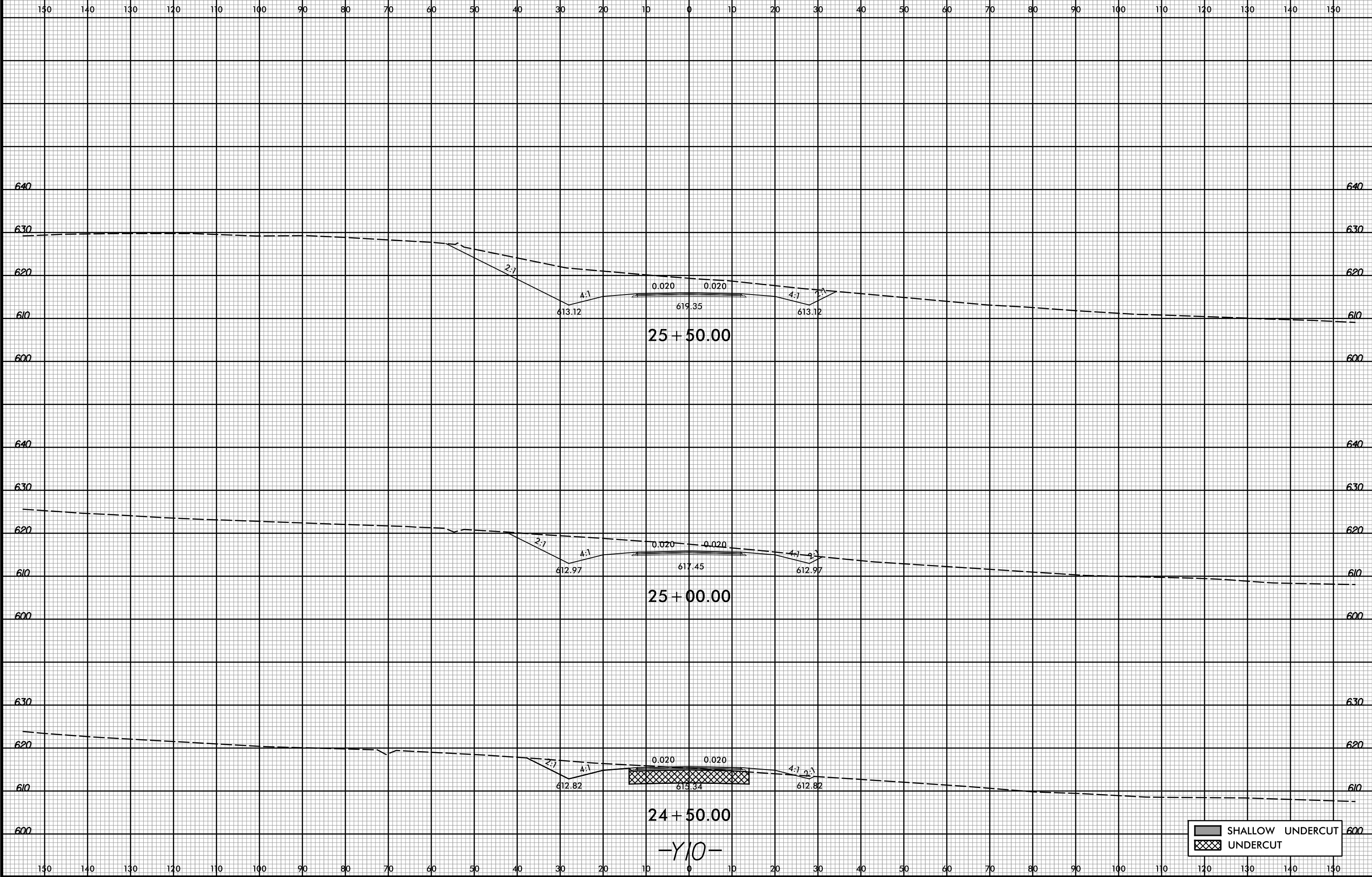
-Y10-

8/23/99



PROJ. REFERENCE NO.
U-3109A

SHEET NO.
X-177



25 + 50.00

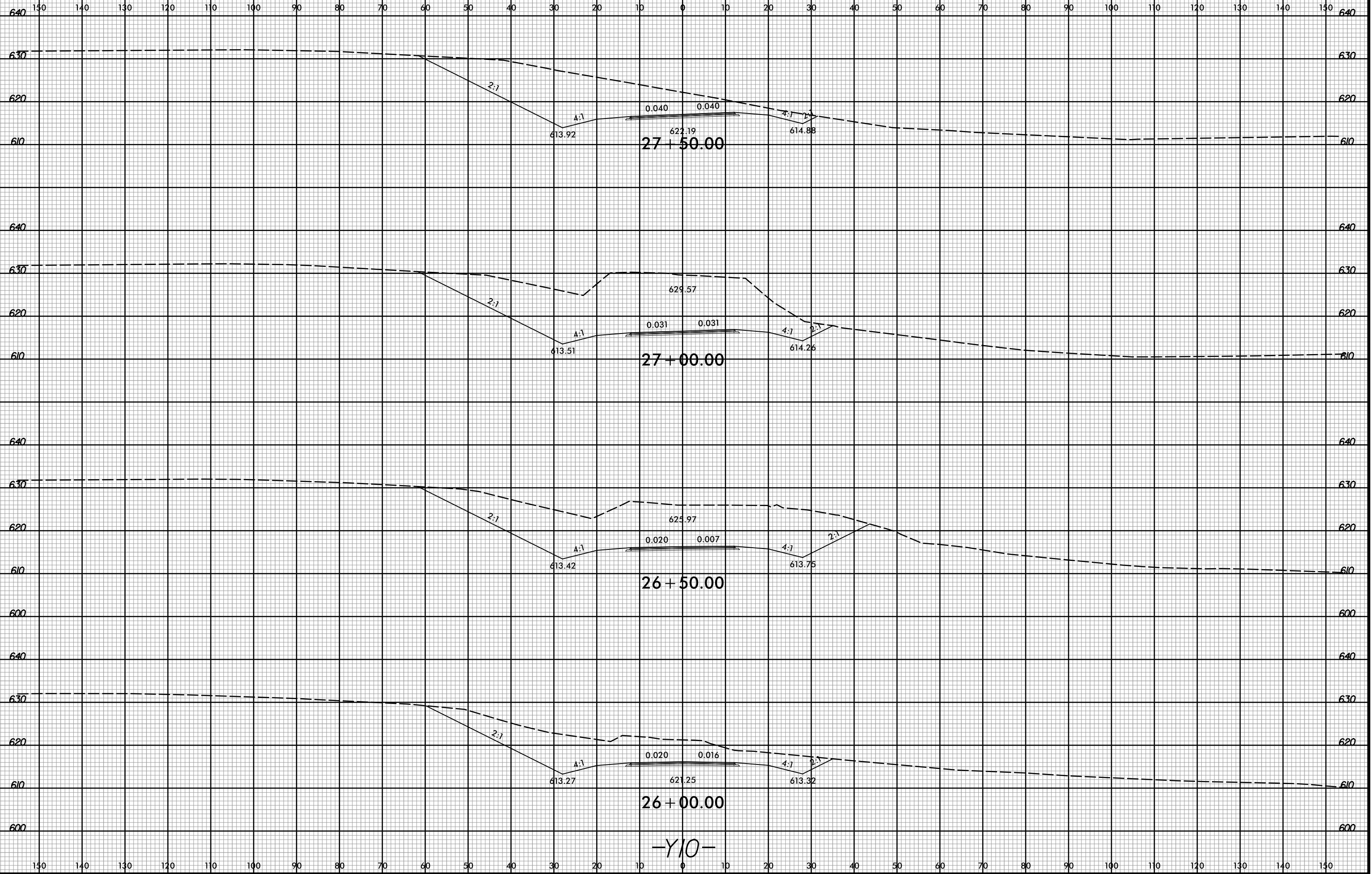
25 + 00.00

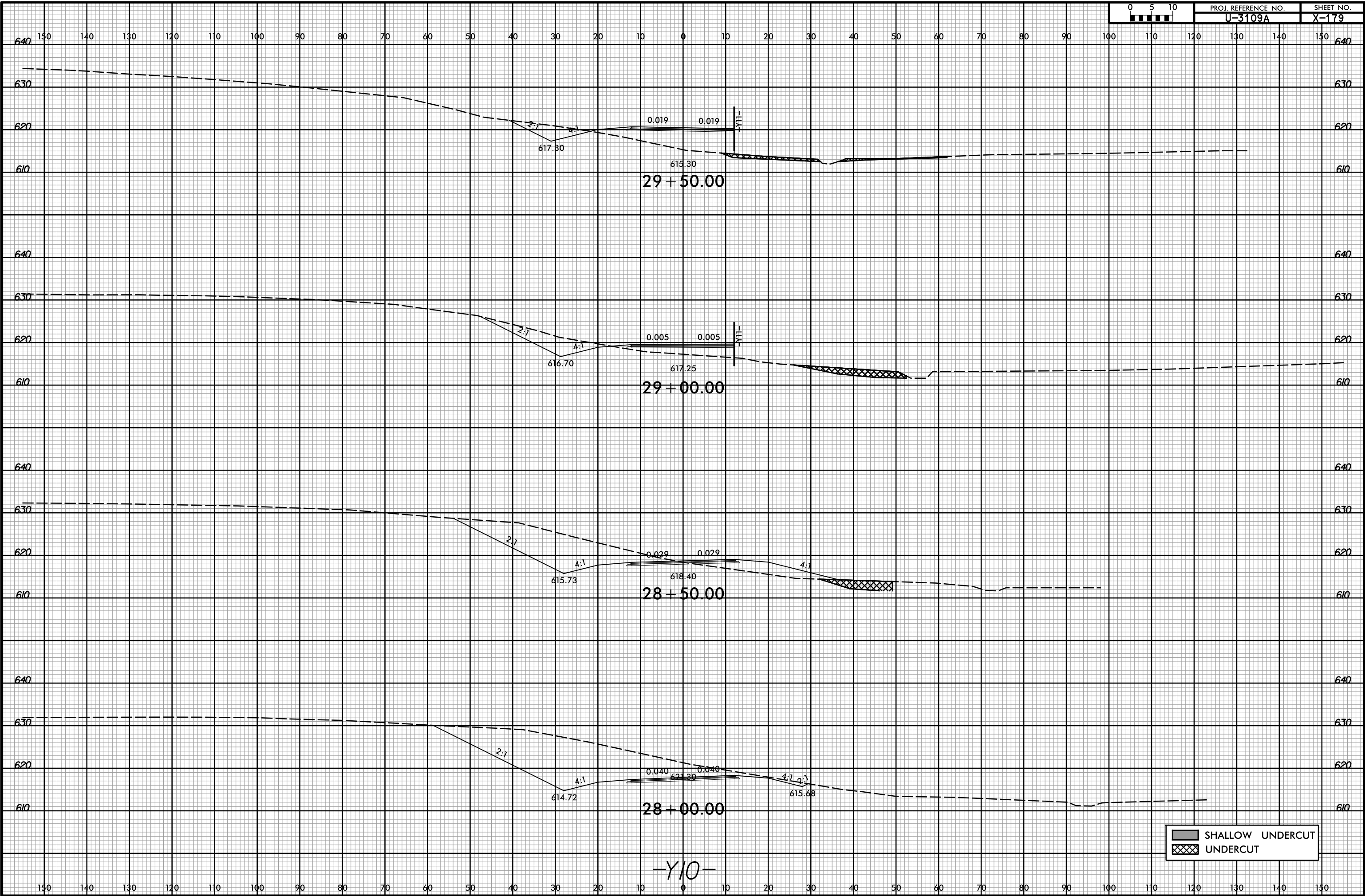
24 + 50.00

-Y10-

SHALLOW UNDERCUT
 UNDERCUT

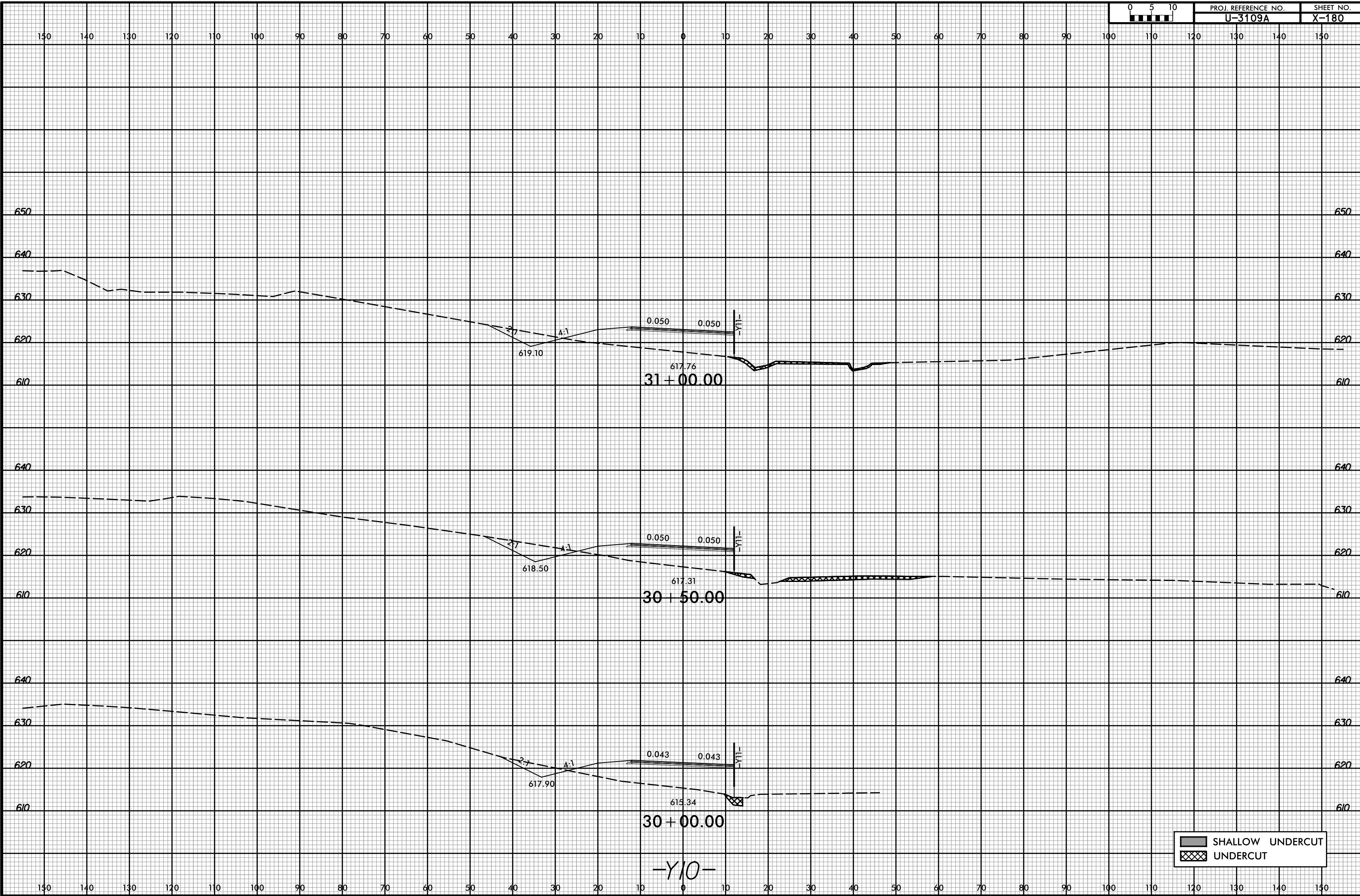
3/2/2017 10:44:04 AM
R:\Roadway\XSC\13109A_Rdy_xp1_Y10.dgn
User: Todd.Buckner





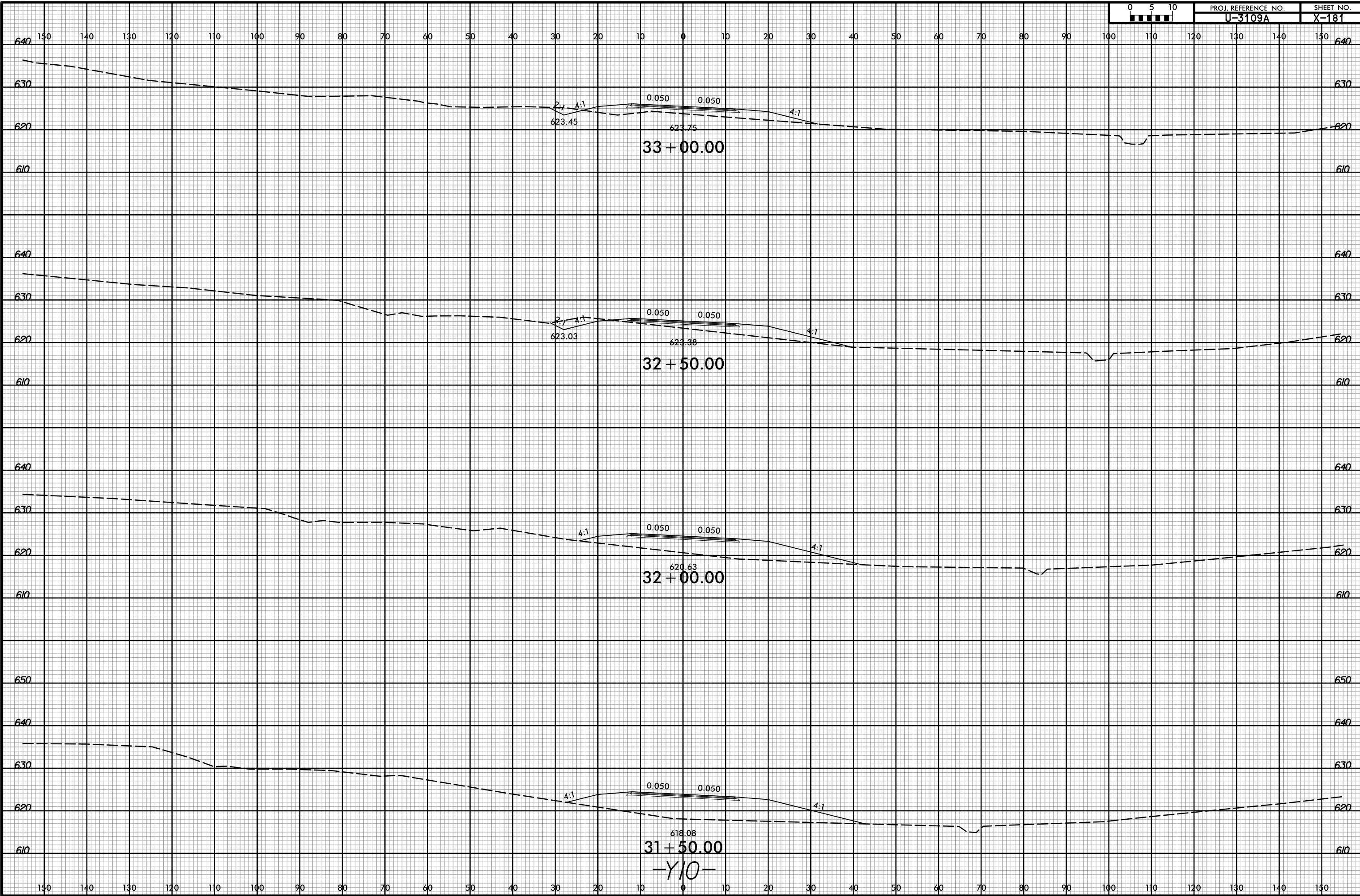
SHALLOW UNDERCUT
 UNDERCUT

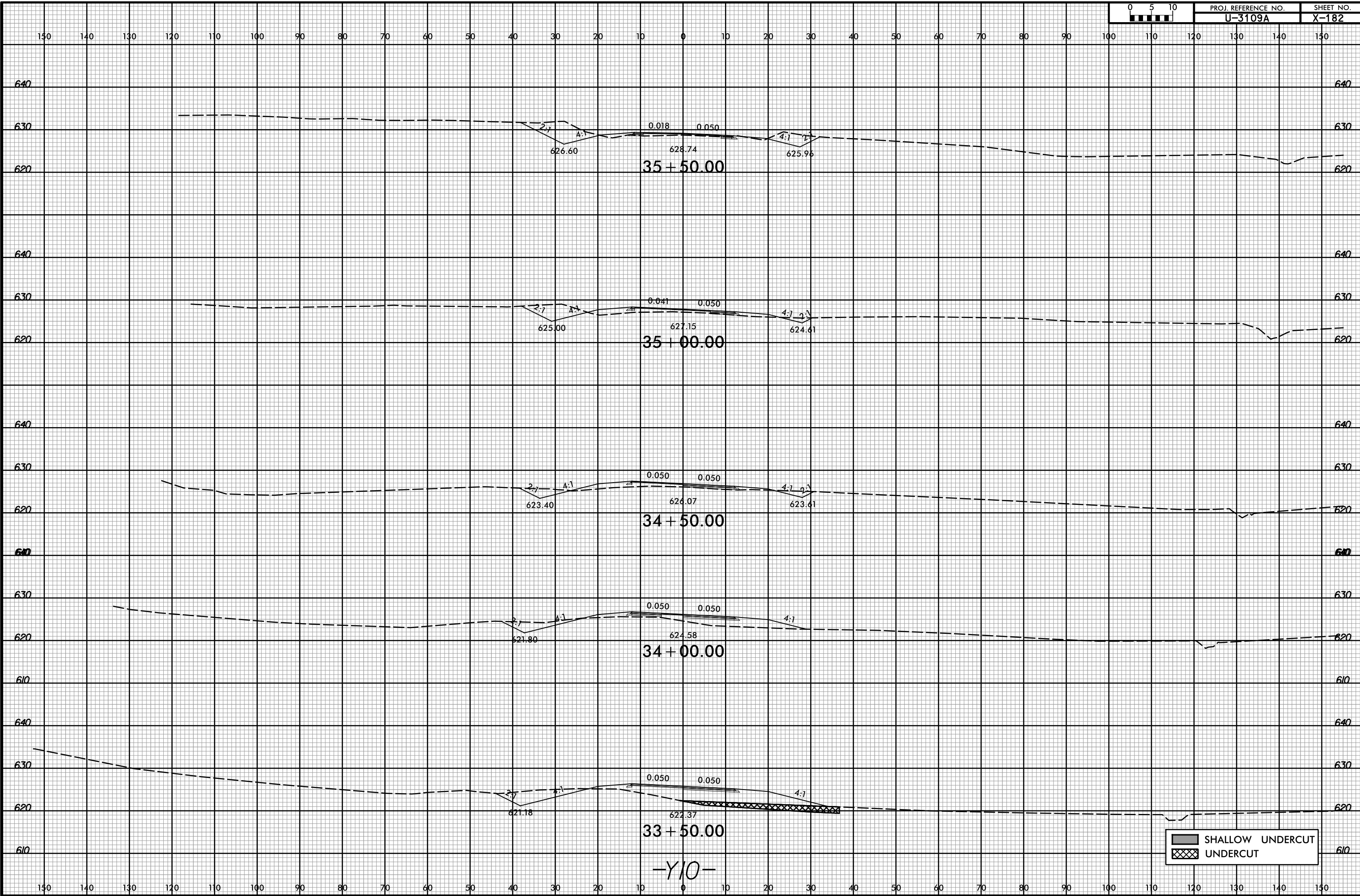
-Y10-



SHALLOW UNDERCUT
 UNDERCUT

-Y10-

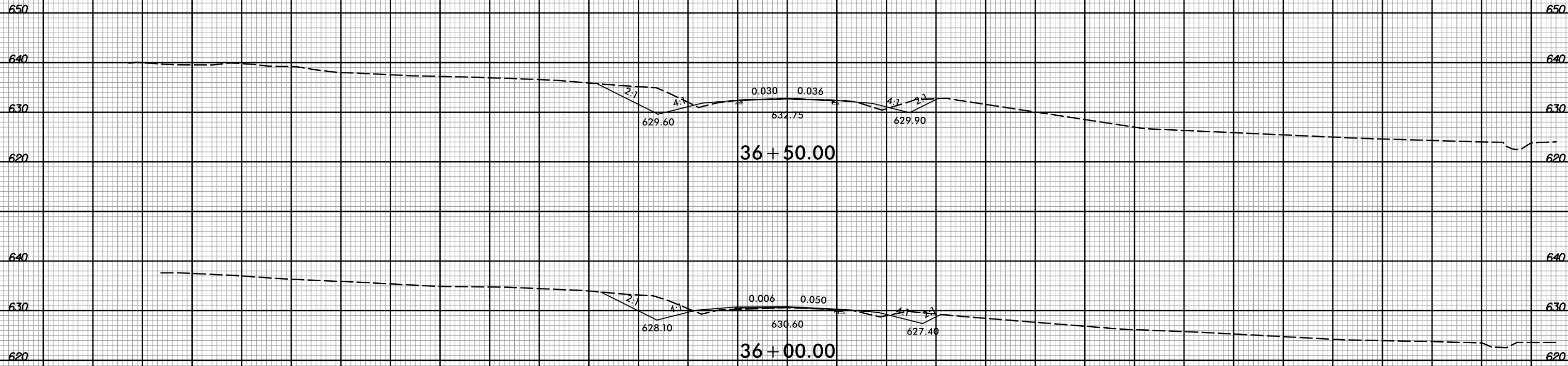




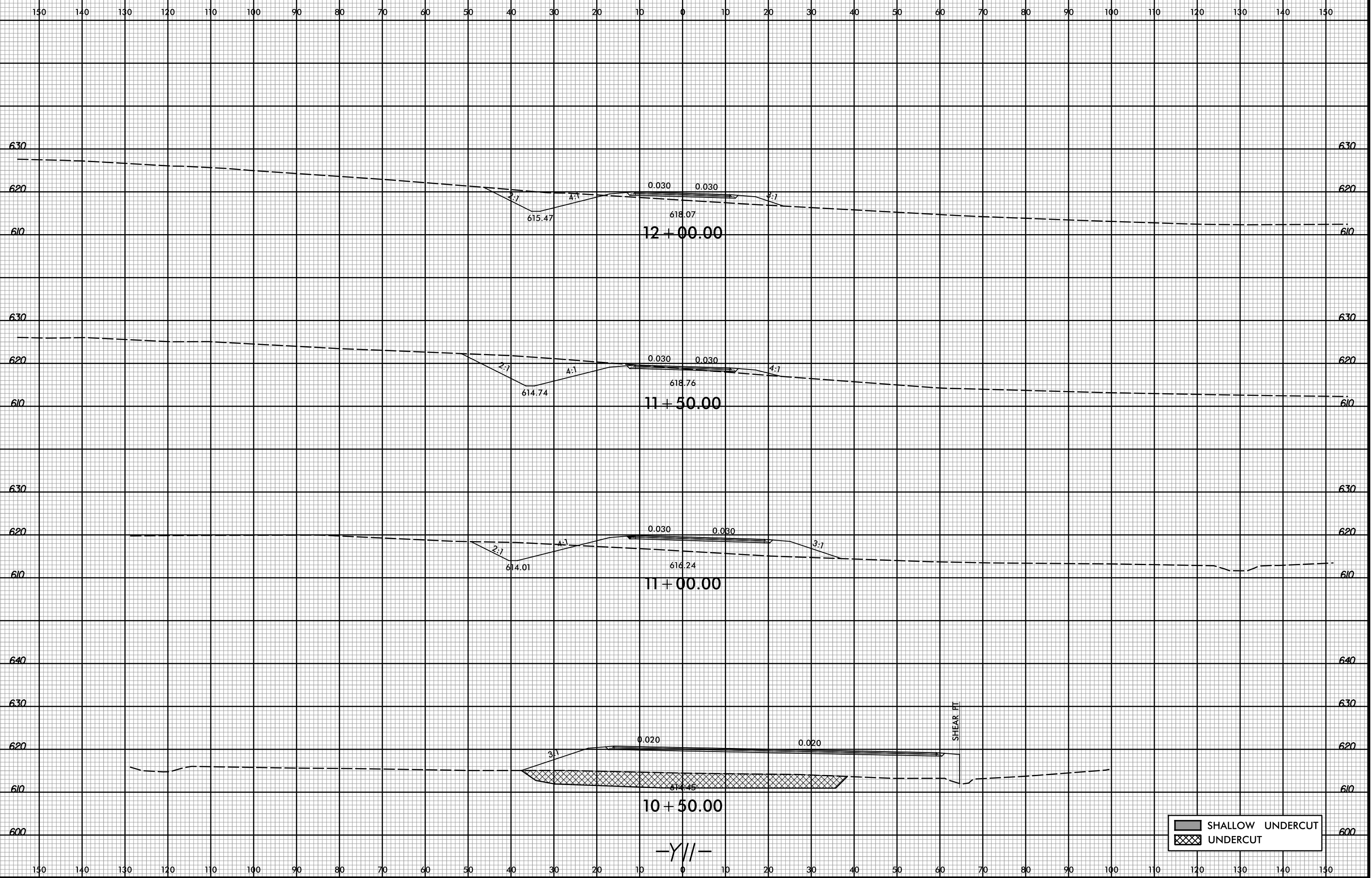
-Y10-

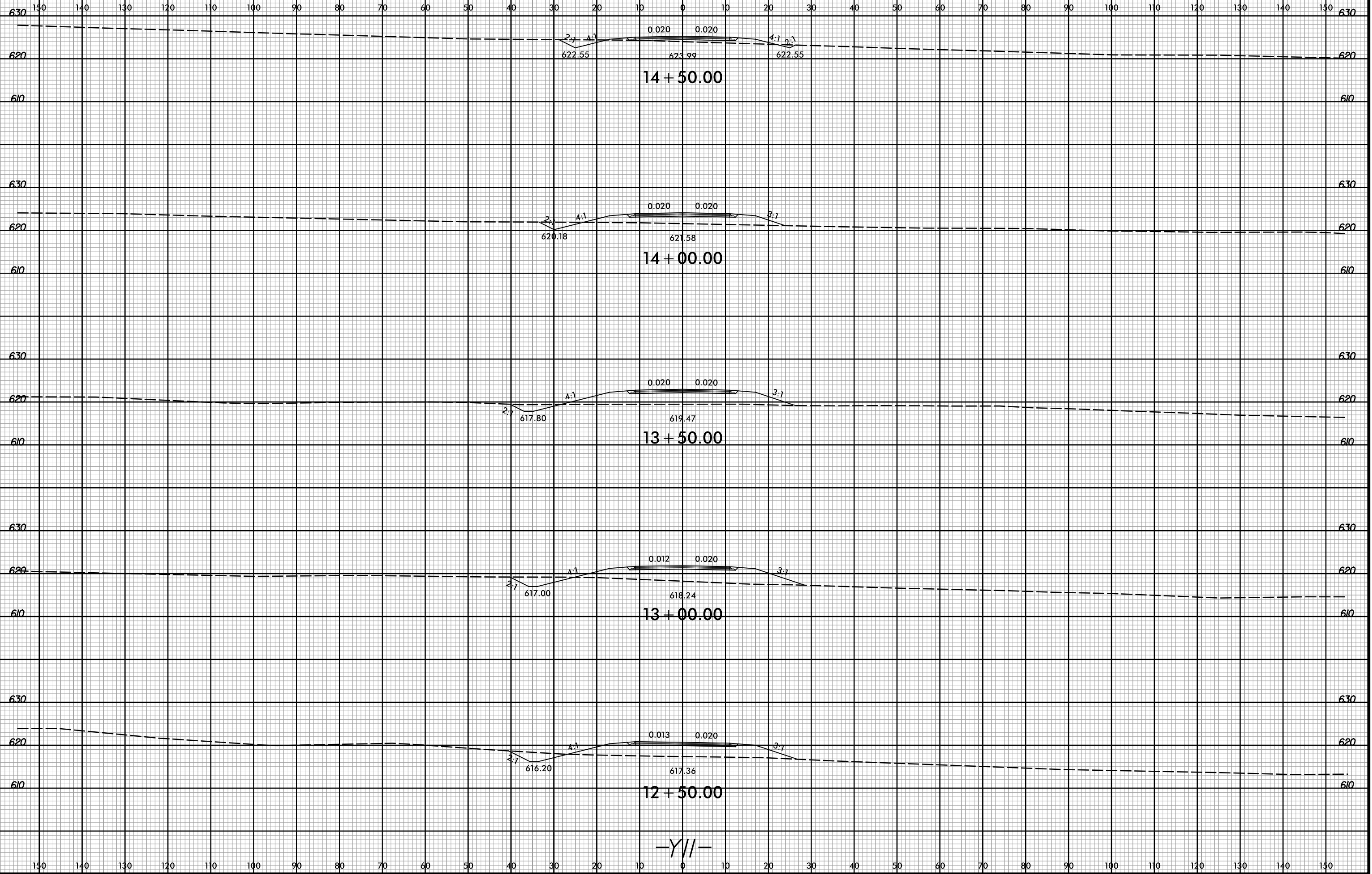
SHALLOW UNDERCUT
 UNDERCUT

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

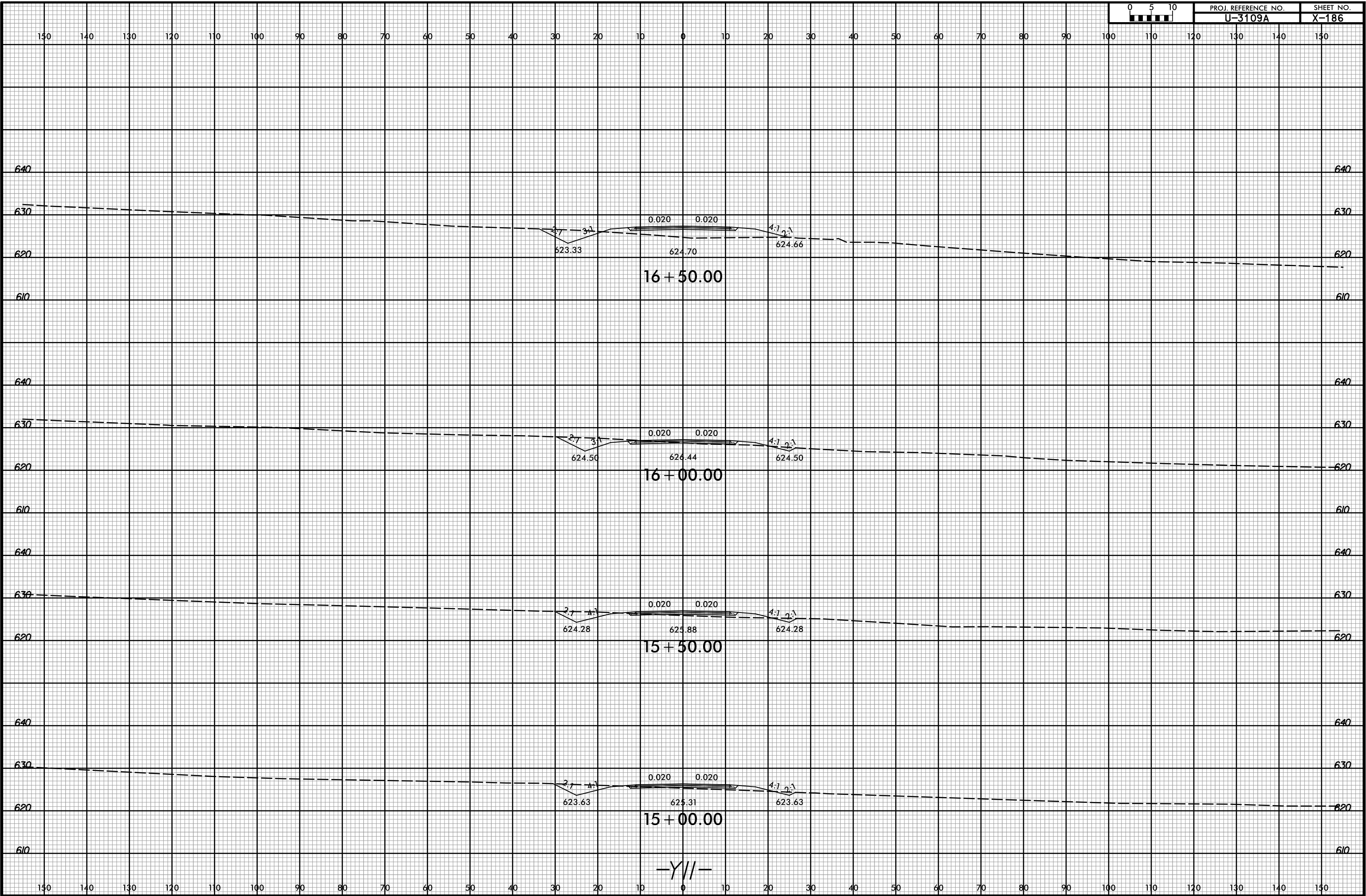


150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

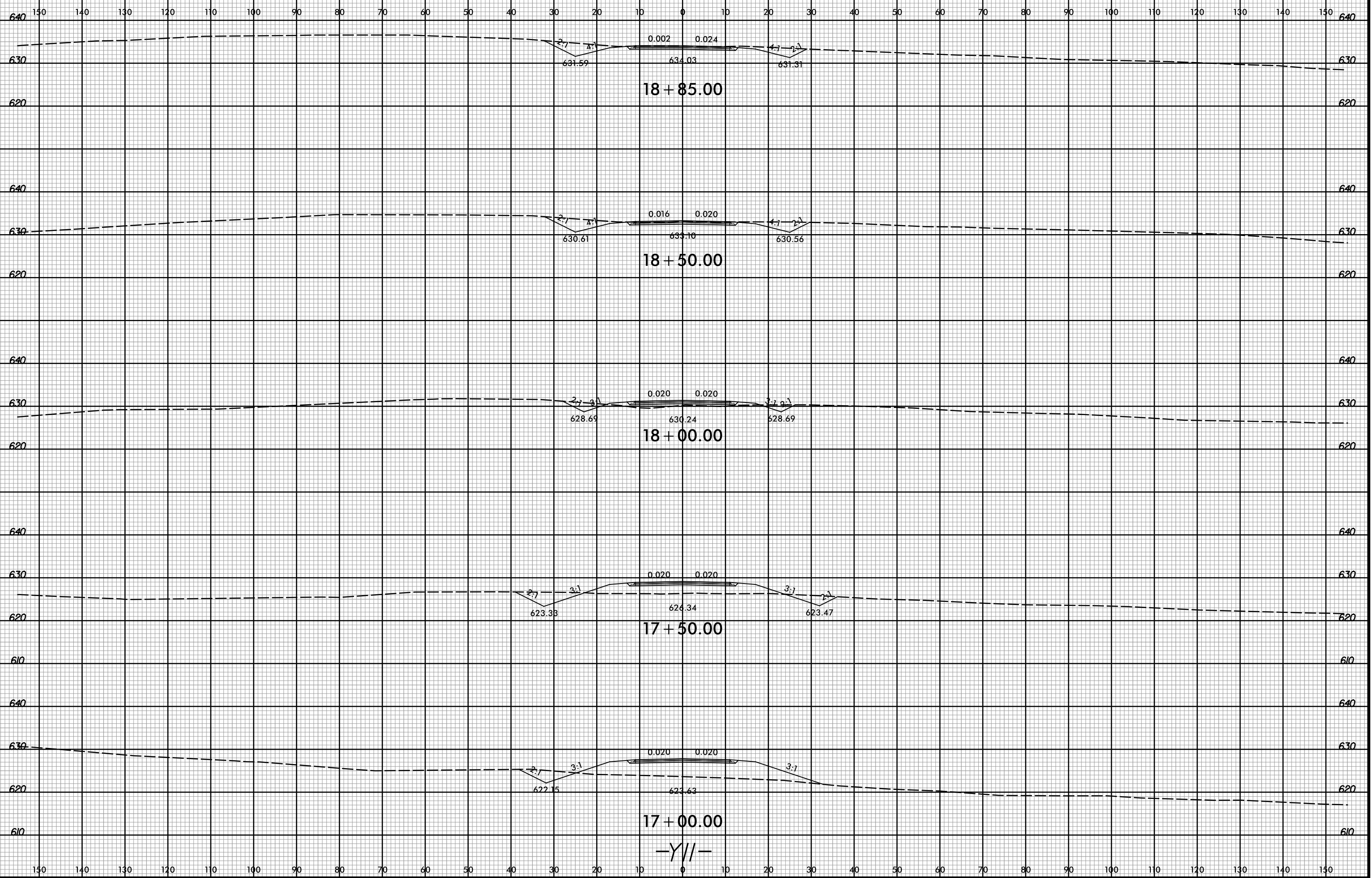




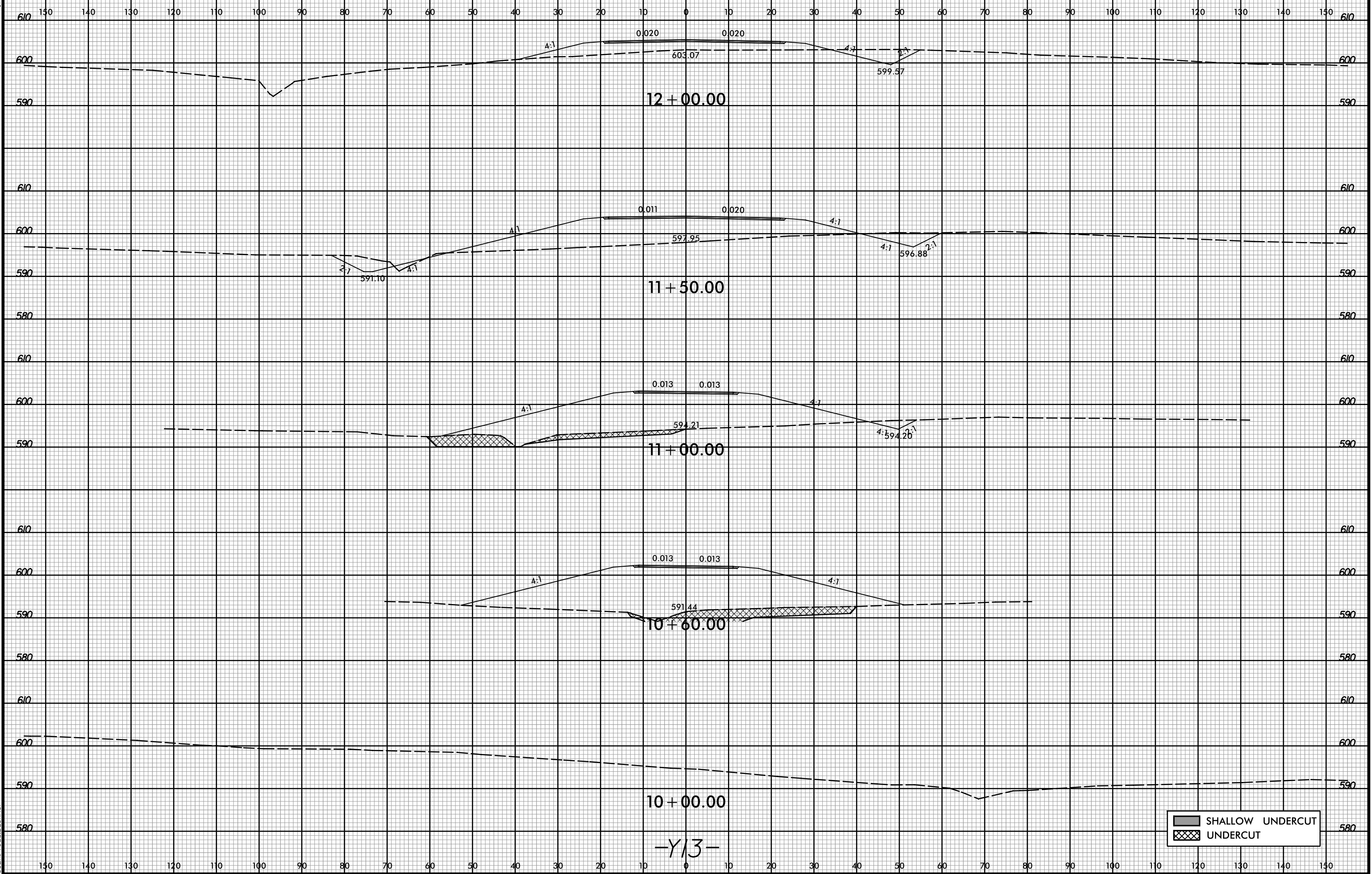
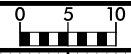
-Y//-



-Y//-



8/23/99



12 + 00.00

11 + 50.00

11 + 00.00

10 + 60.00

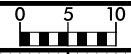
10 + 00.00

-Y13-

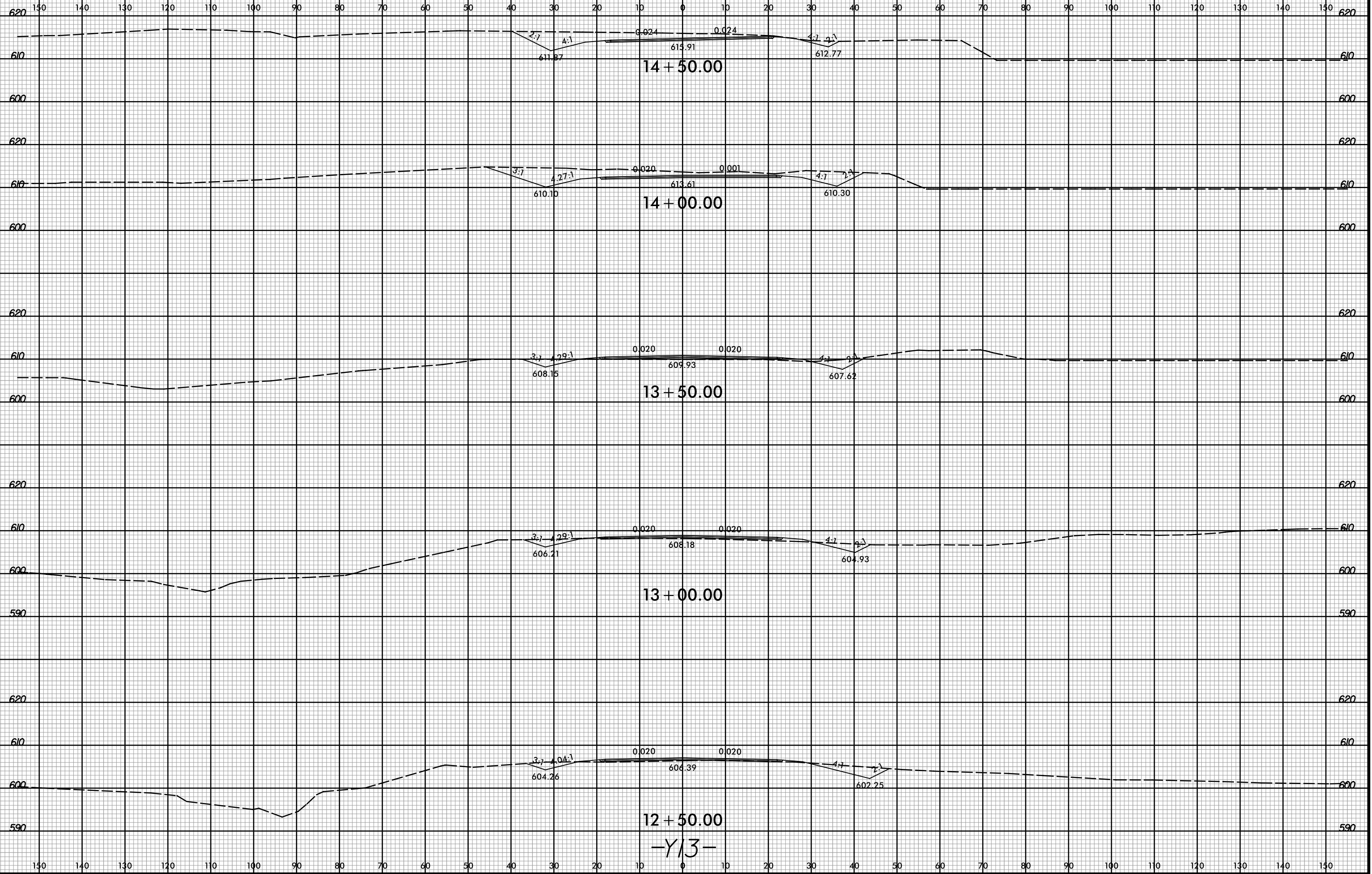
SHALLOW UNDERCUT
UNDERCUT

3/2/2017 10:44:09 AM
R:\Roadway\XSC\13109A_Rdy_xp1_Y13.dgn
User: Todd.Buckner

8/23/99



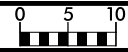
PROJ. REFERENCE NO. U-3109A SHEET NO. X-189



3/2/2017 10:44:09 AM
R:\Roadway\XSC\13109A_Rdy_xp1_Y13.dgn
User: Todd.Buckner

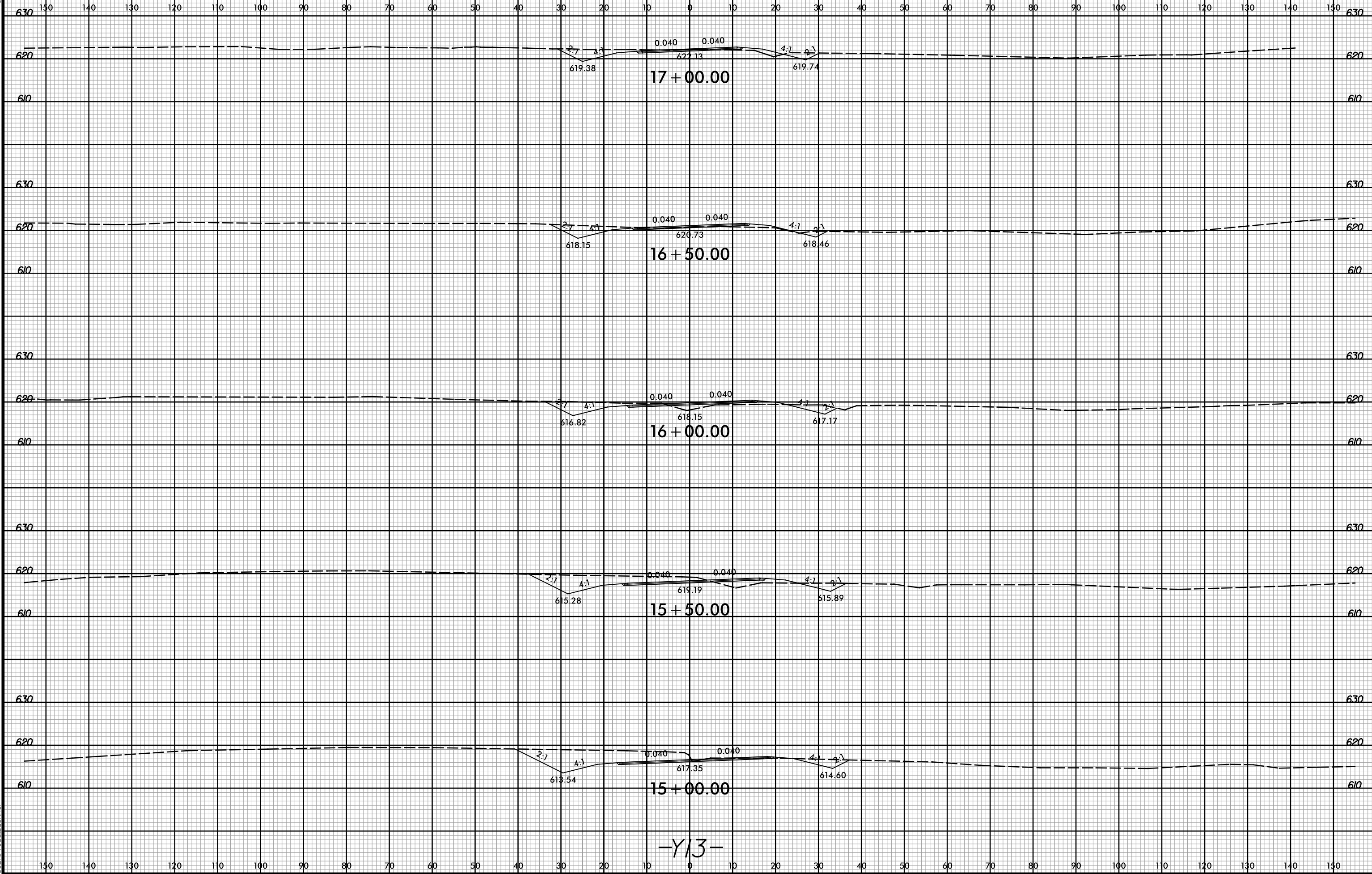
12+50.00
-Y13-

8/23/99



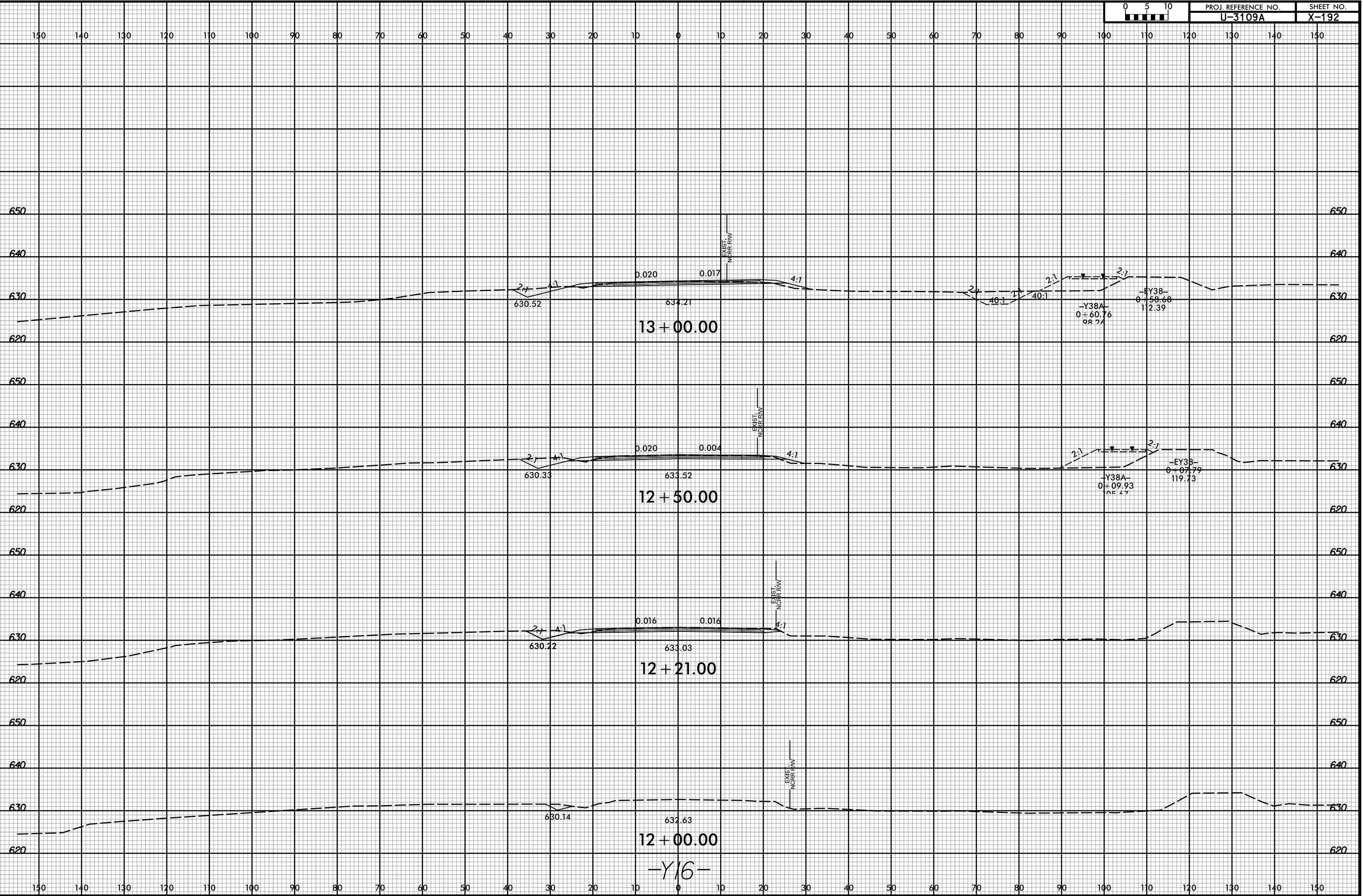
PROJ. REFERENCE NO.
U-3109A

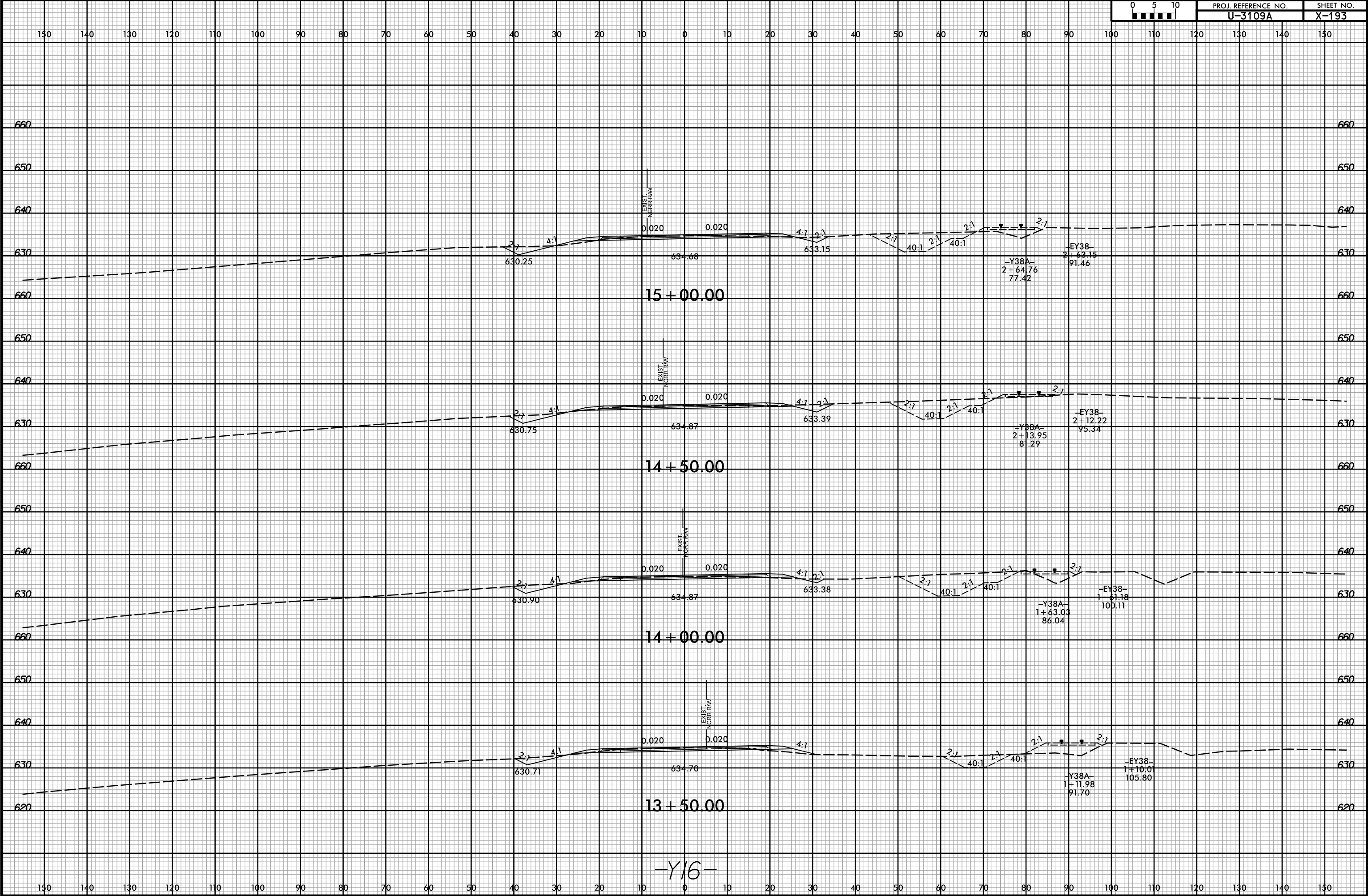
SHEET NO.
X-190

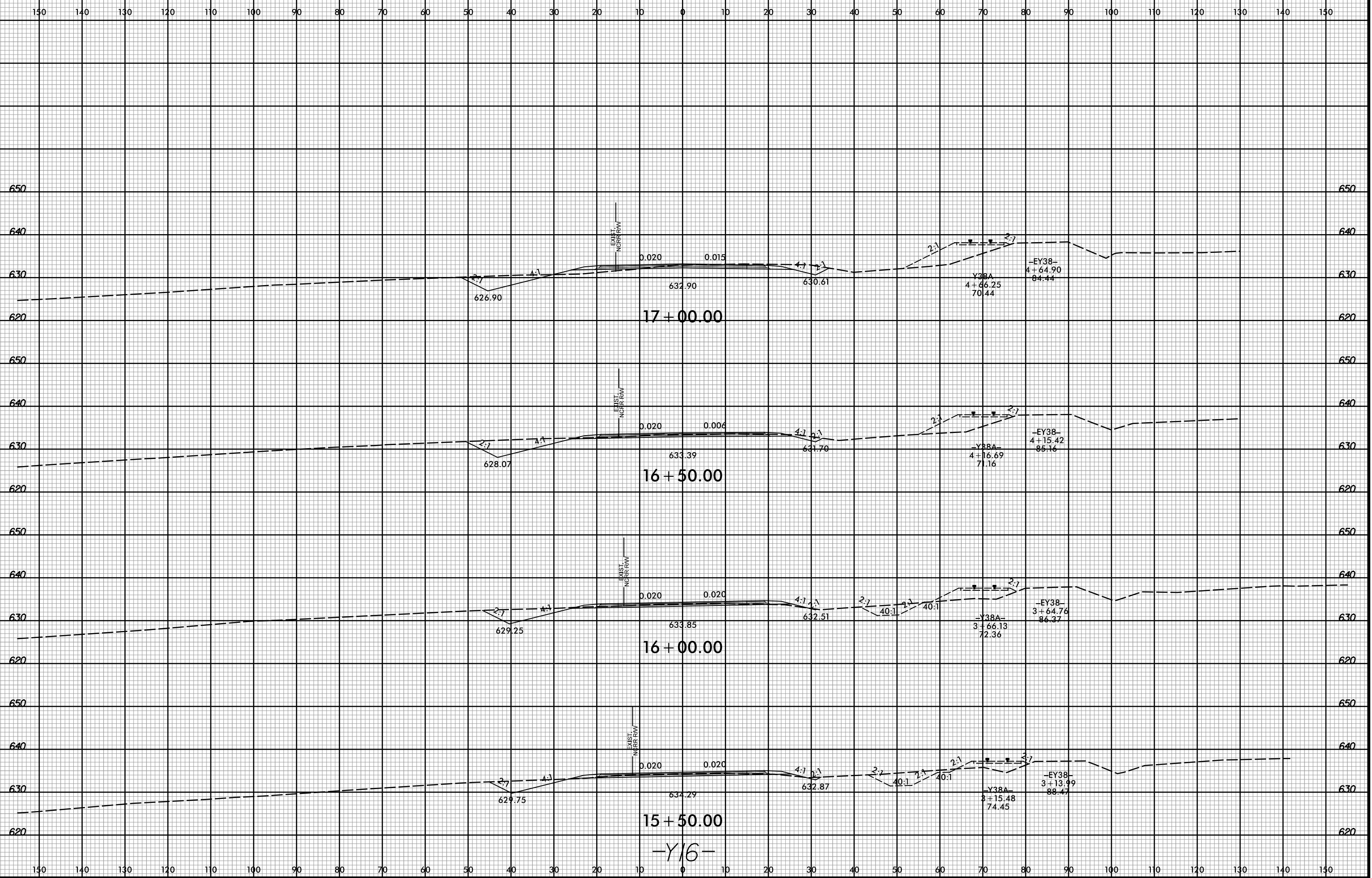


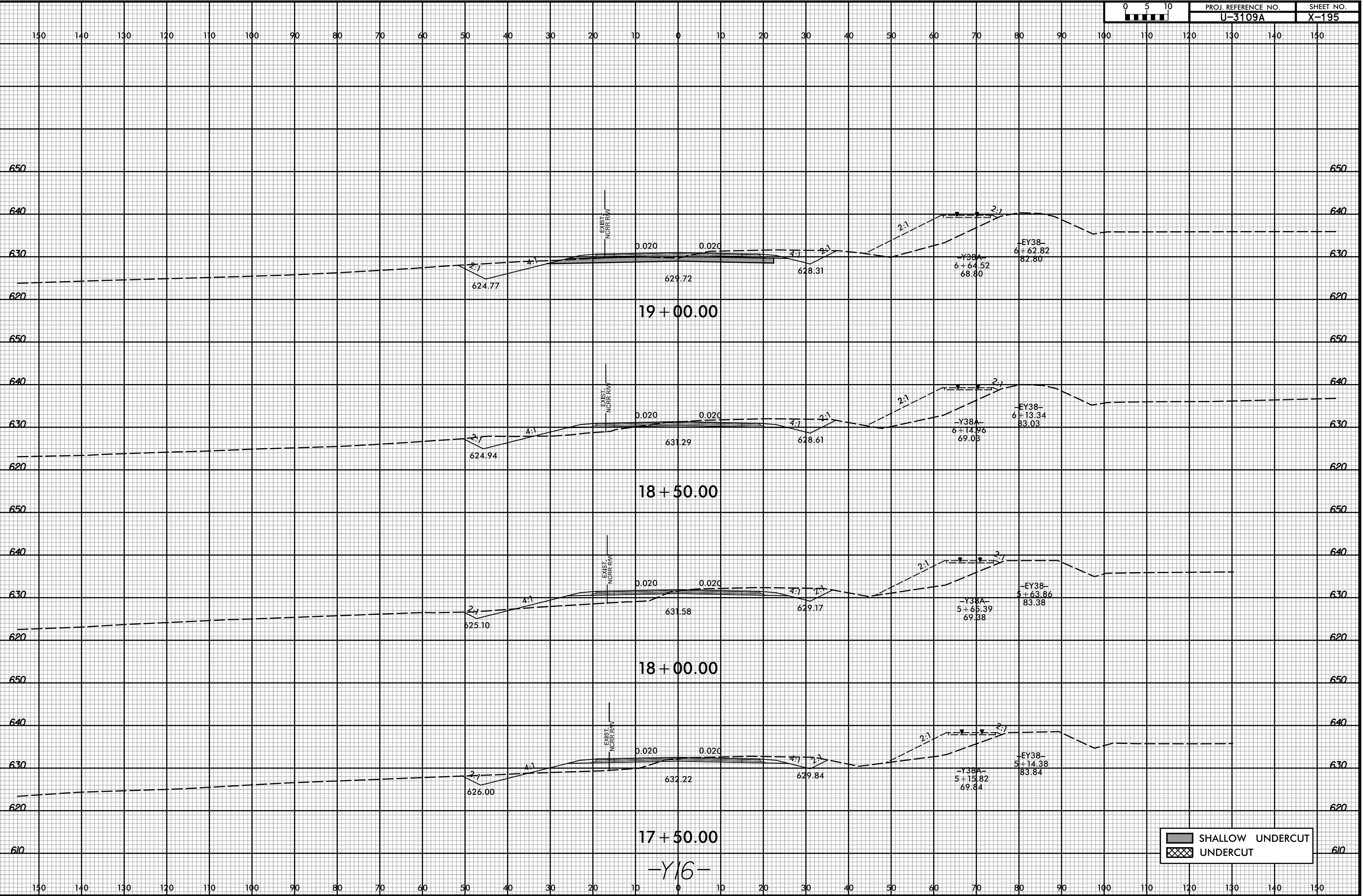
-Y13-

3/2/2017 10:44:09 AM
R:\Roadway\XSC\13109A_Rdy_xp1_Y13.dgn
User: Todd.Buckner

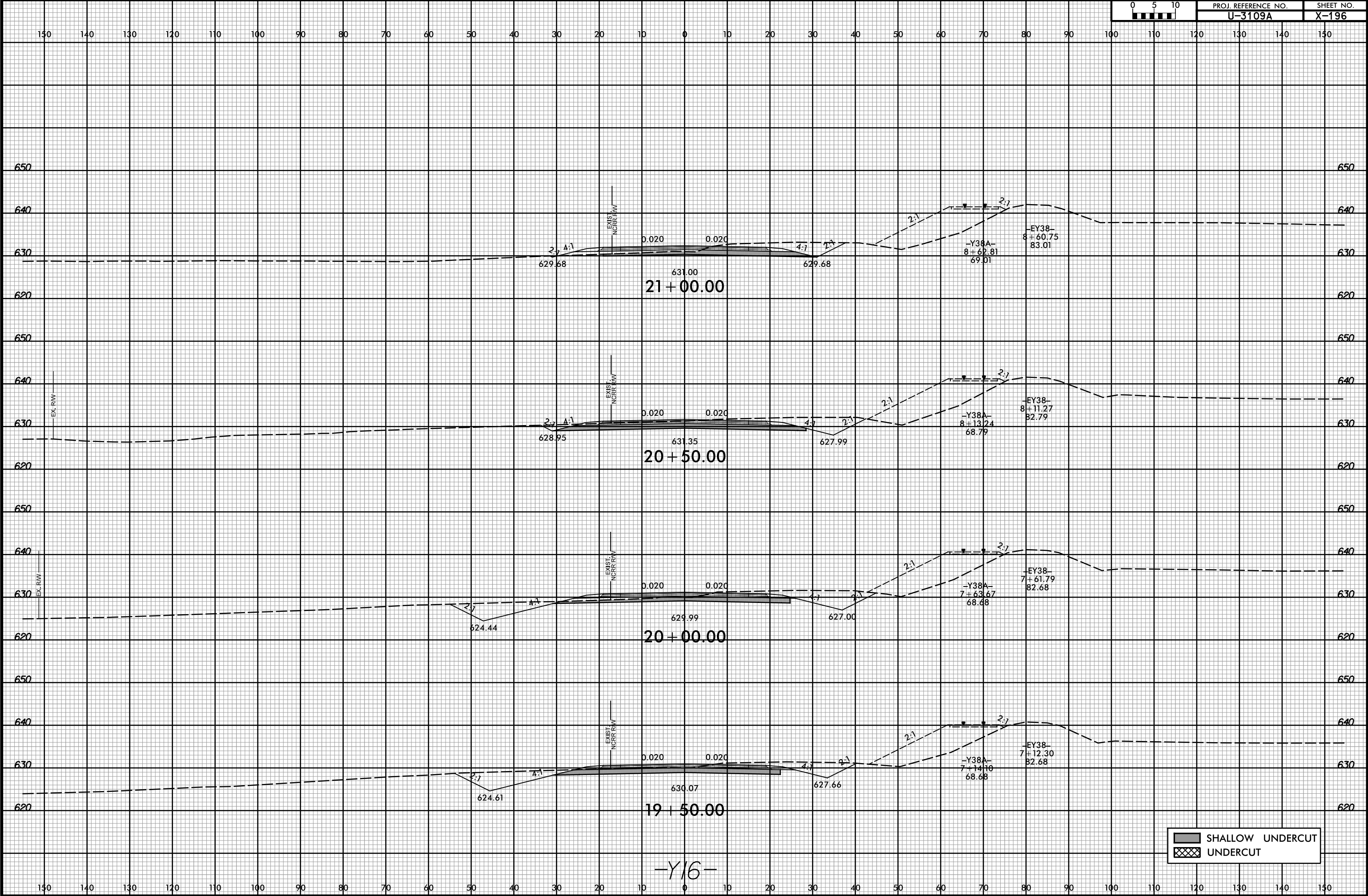






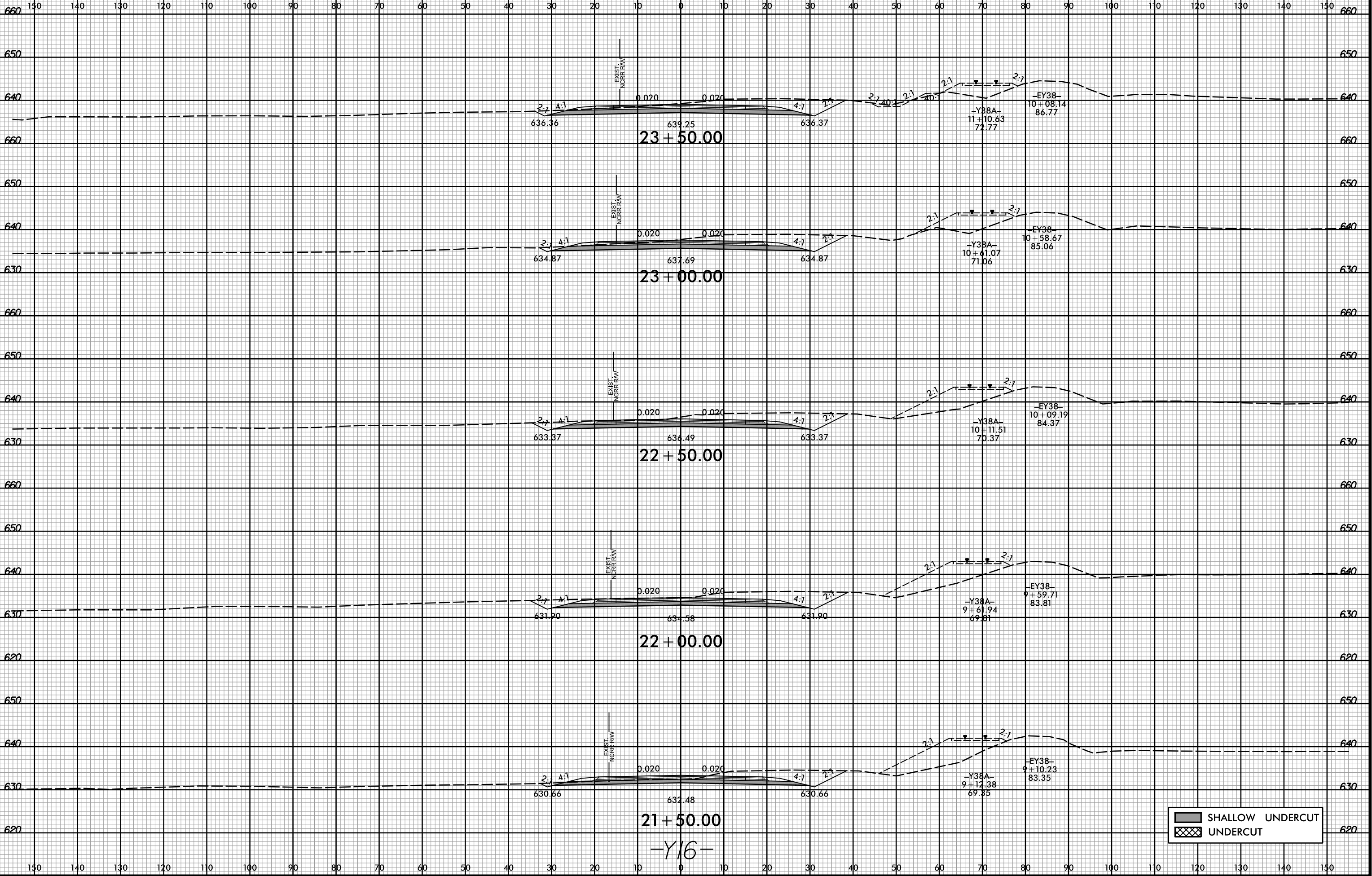


SHALLOW UNDERCUT
 UNDERCUT

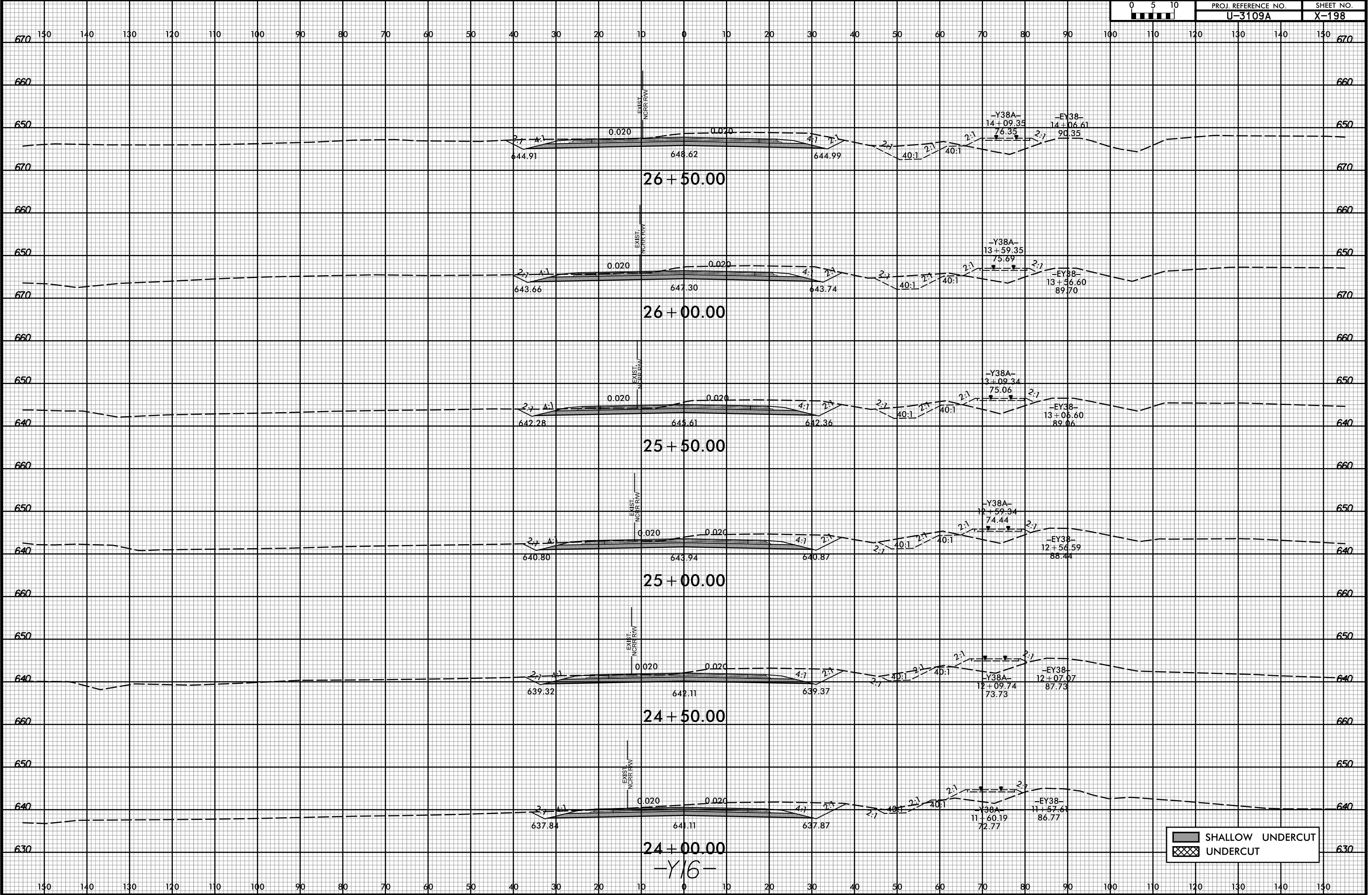


SHALLOW UNDERCUT
 UNDERCUT

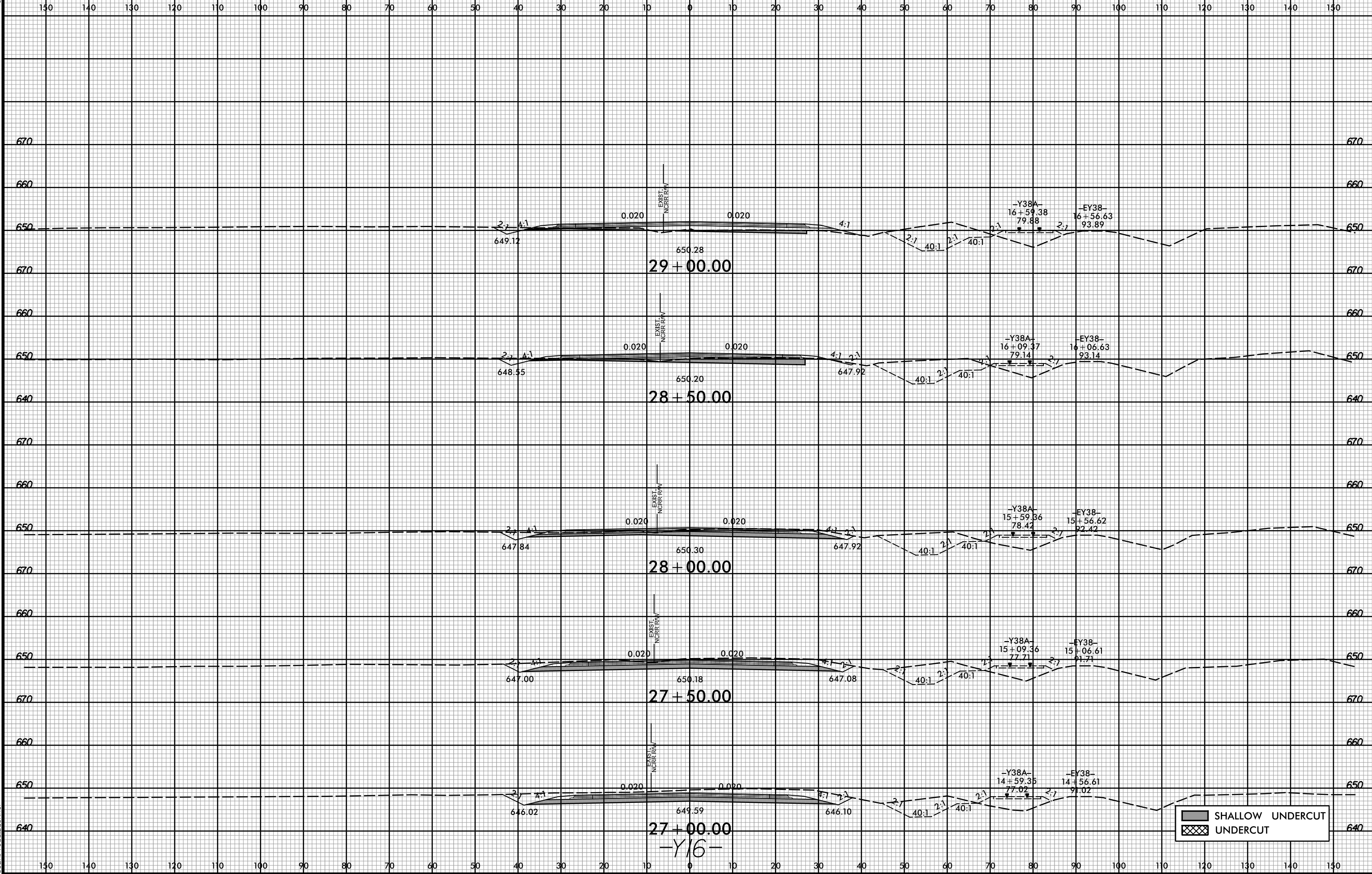
-Y16-



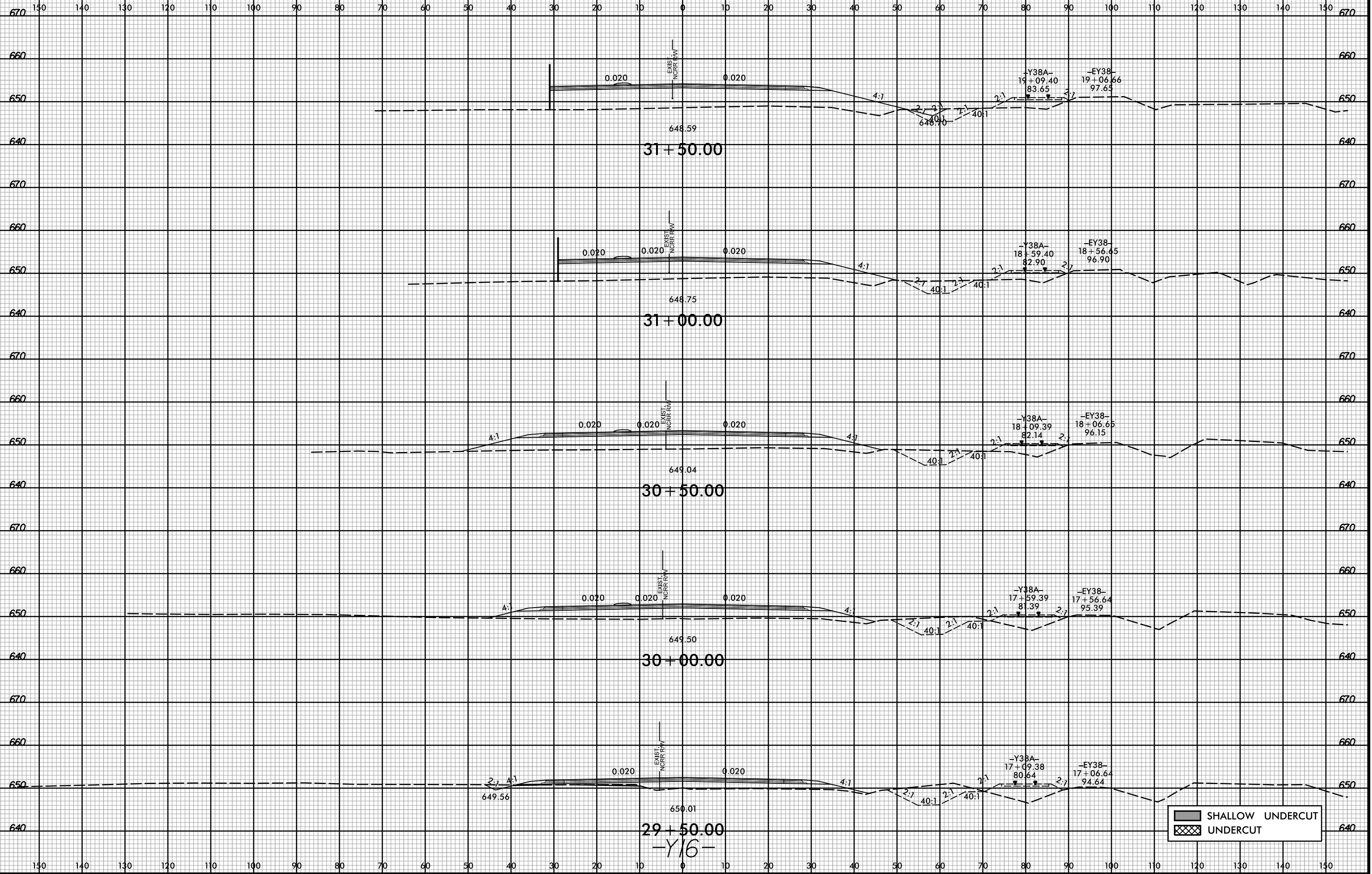
SHALLOW UNDERCUT
 UNDERCUT



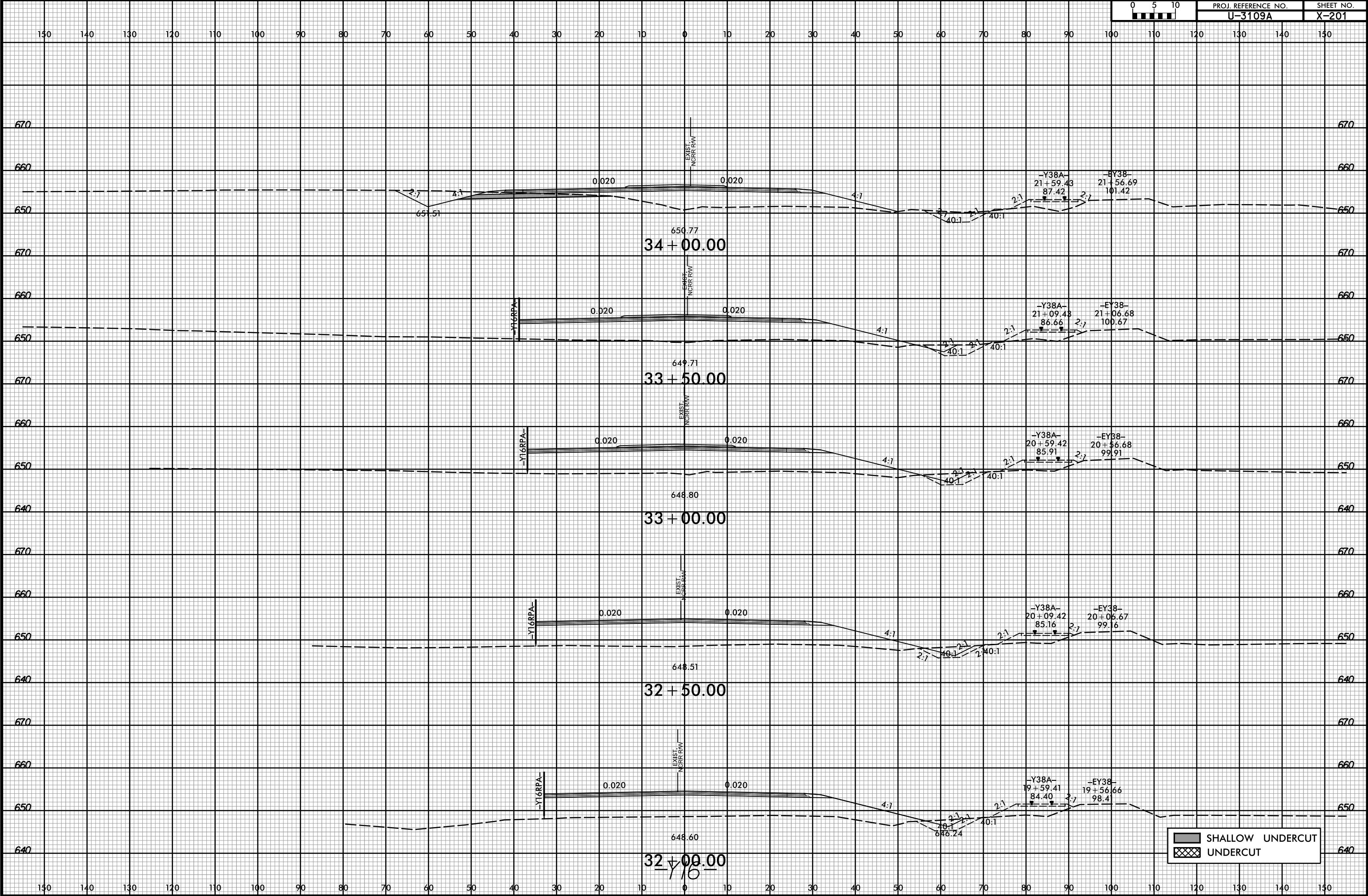
SHALLOW UNDERCUT
 UNDERCUT



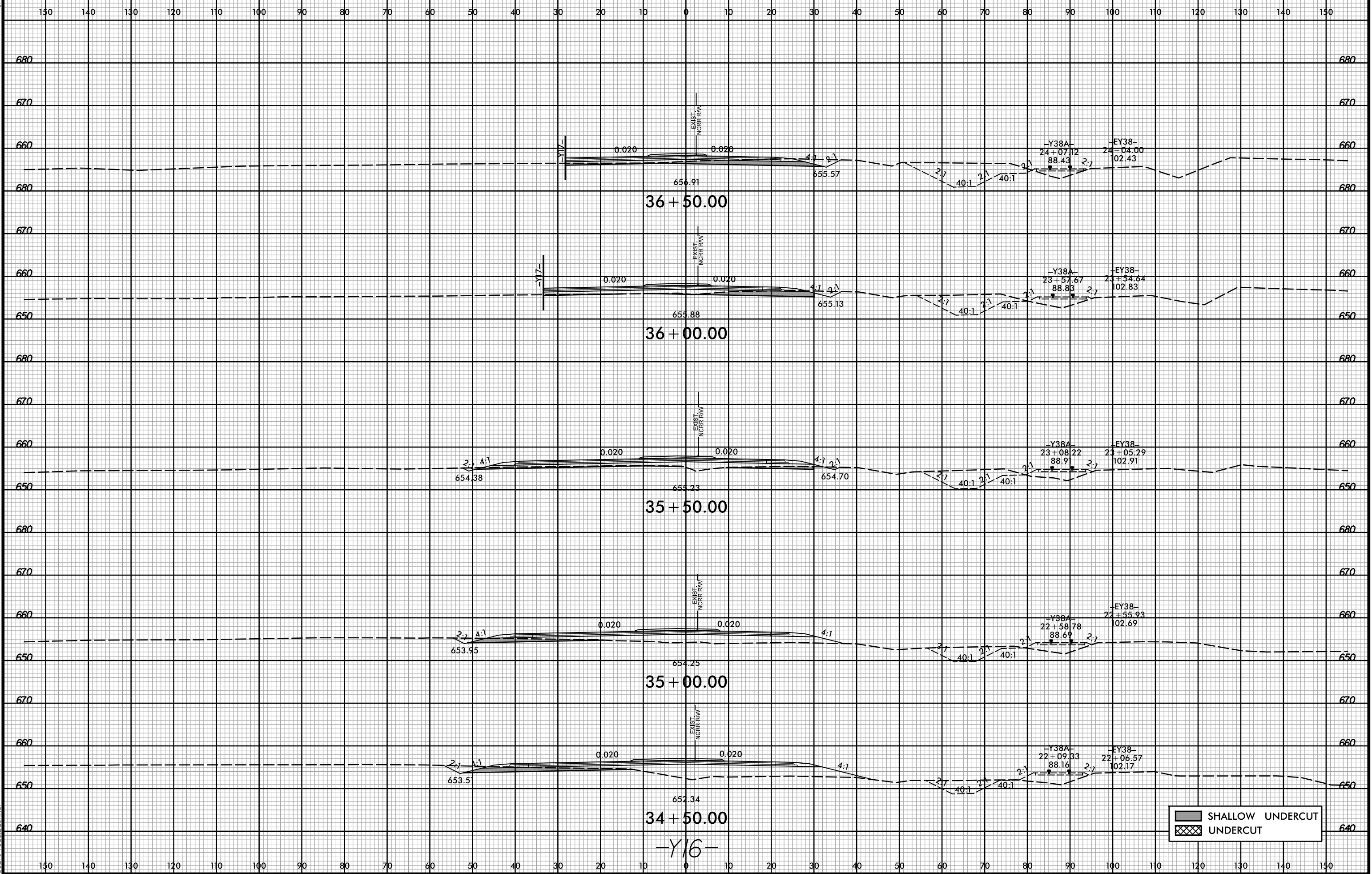
SHALLOW UNDERCUT
 UNDERCUT

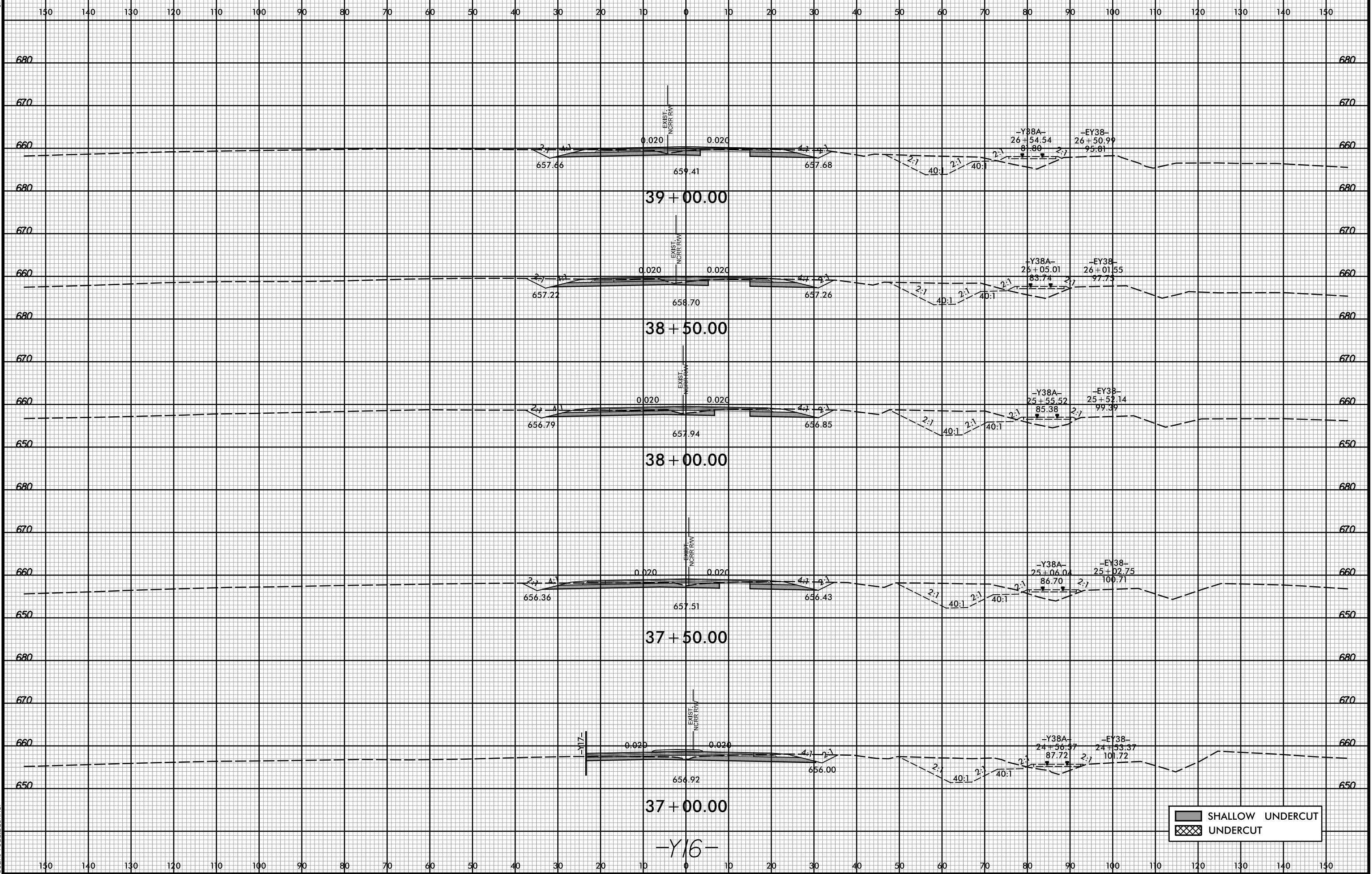


SHALLOW UNDERCUT
 UNDERCUT

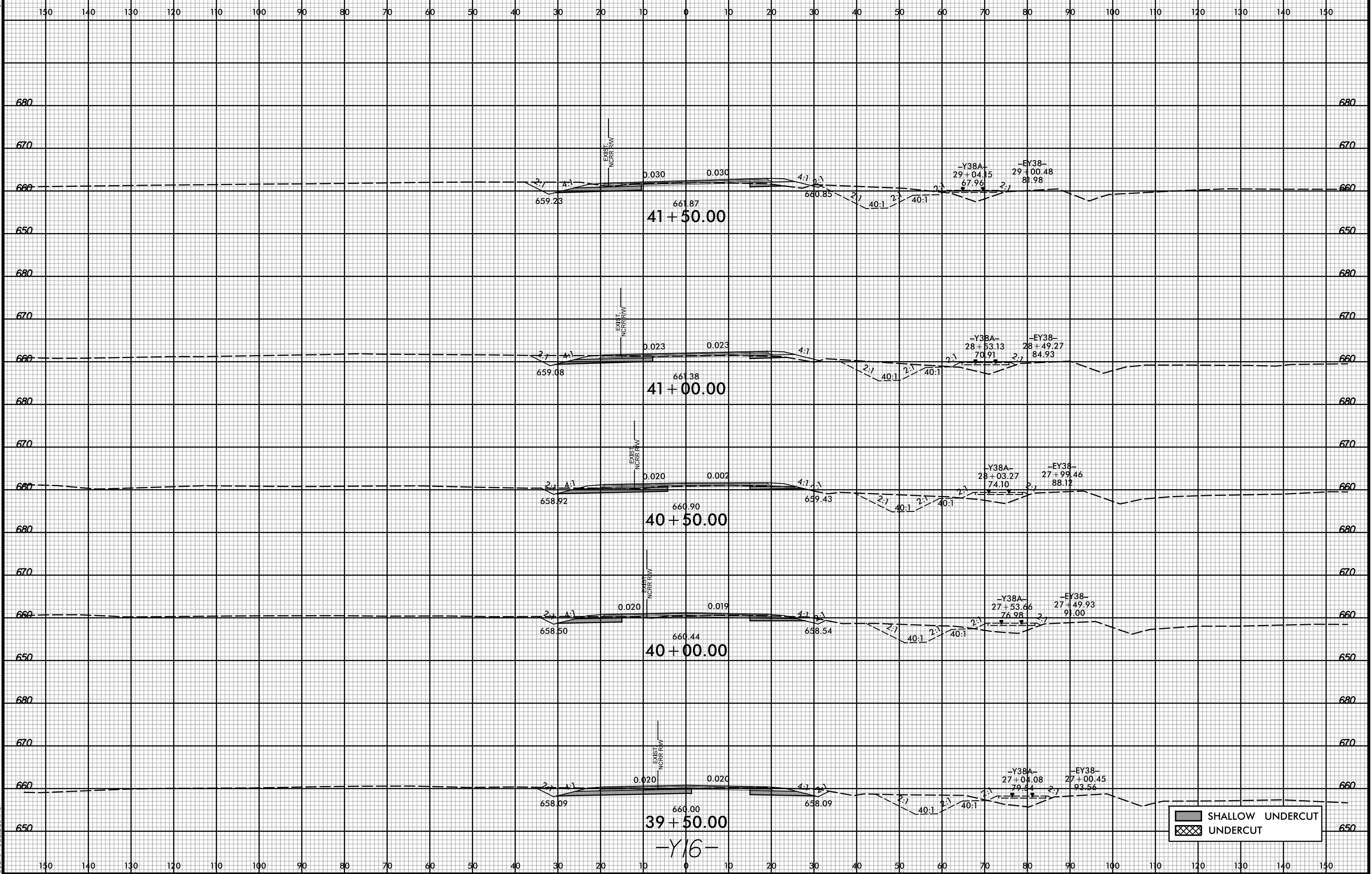


SHALLOW UNDERCUT
 UNDERCUT



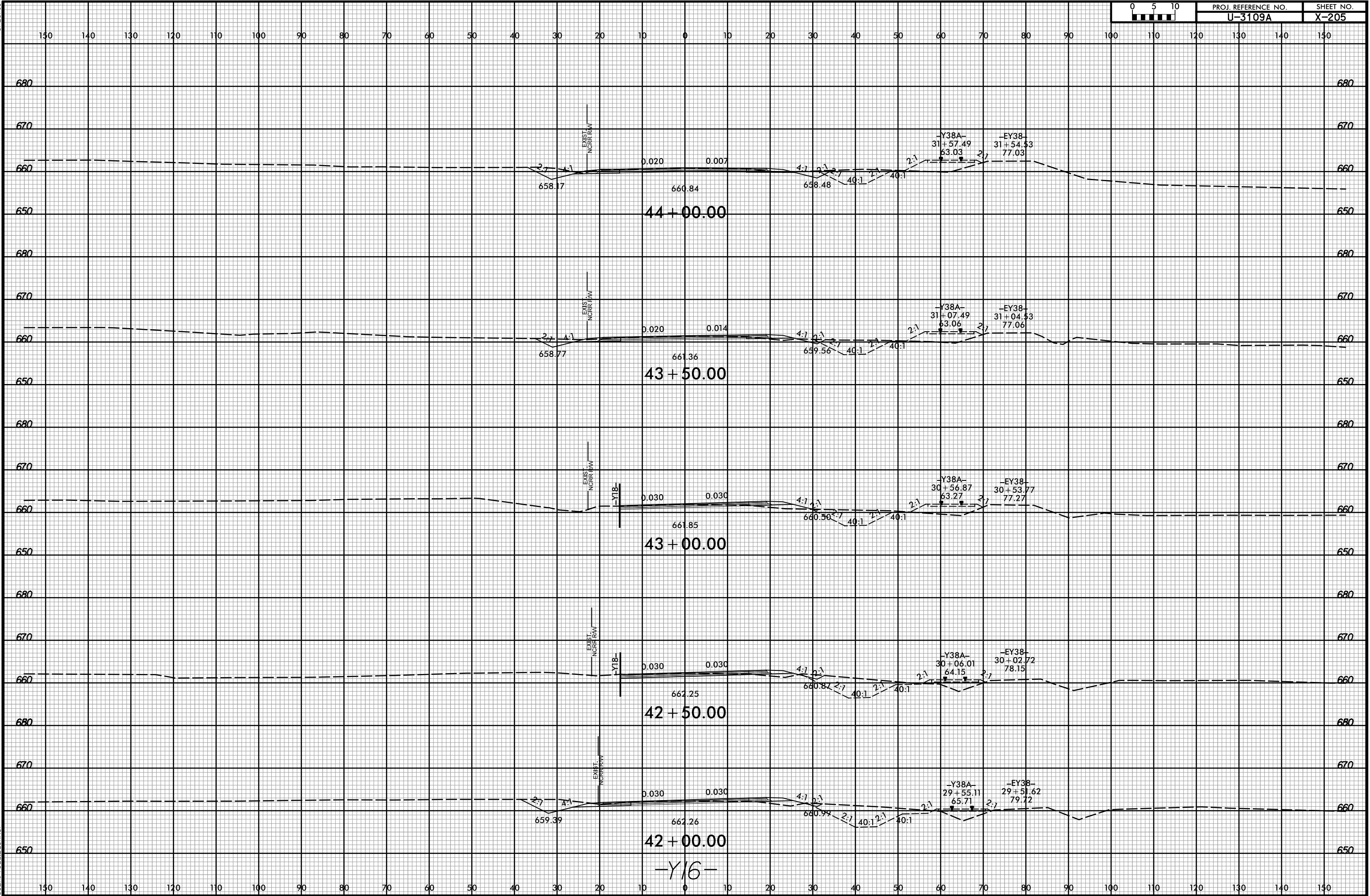


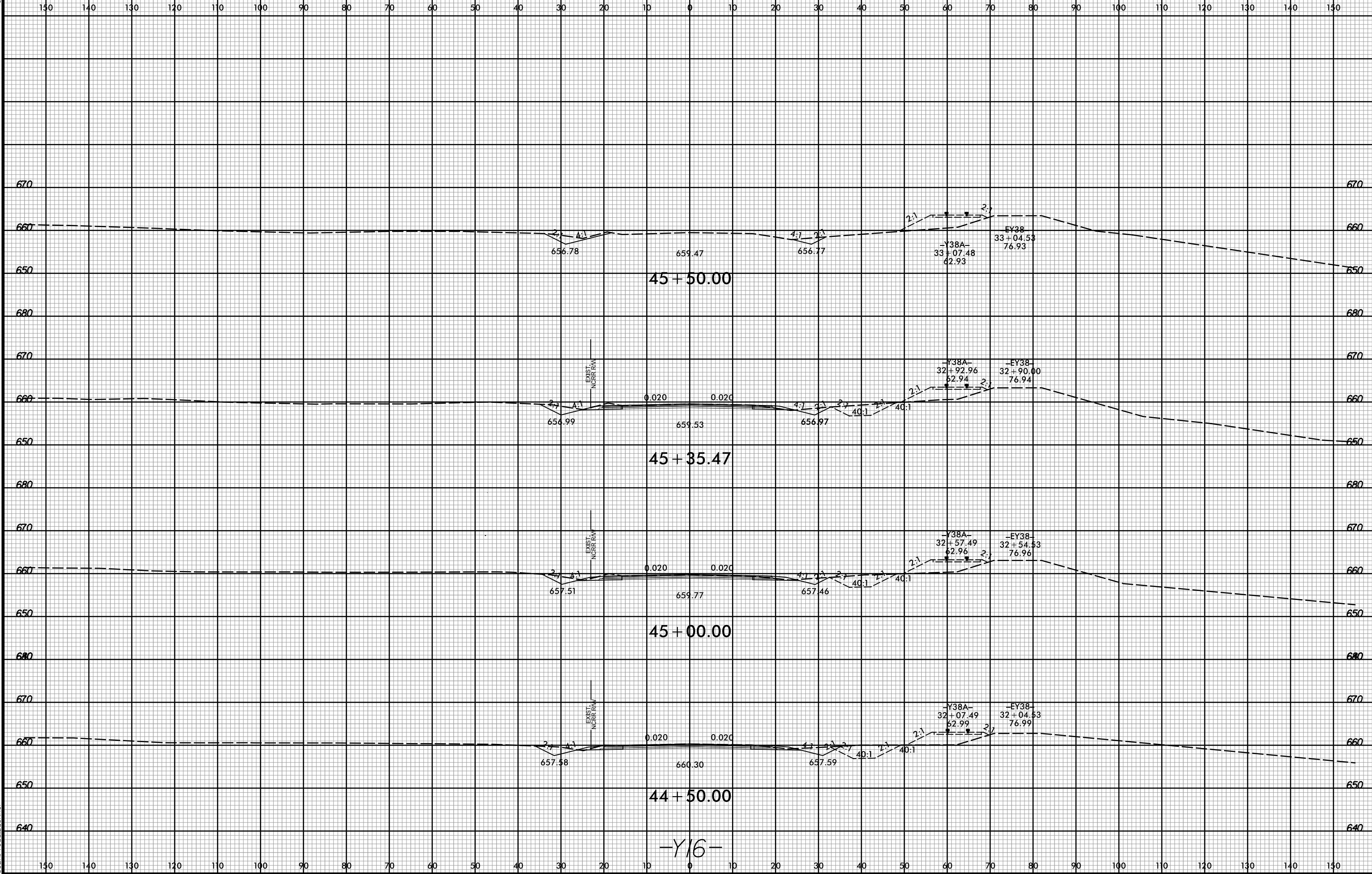
SHALLOW UNDERCUT
 UNDERCUT



SHALLOW UNDERCUT

 UNDERCUT



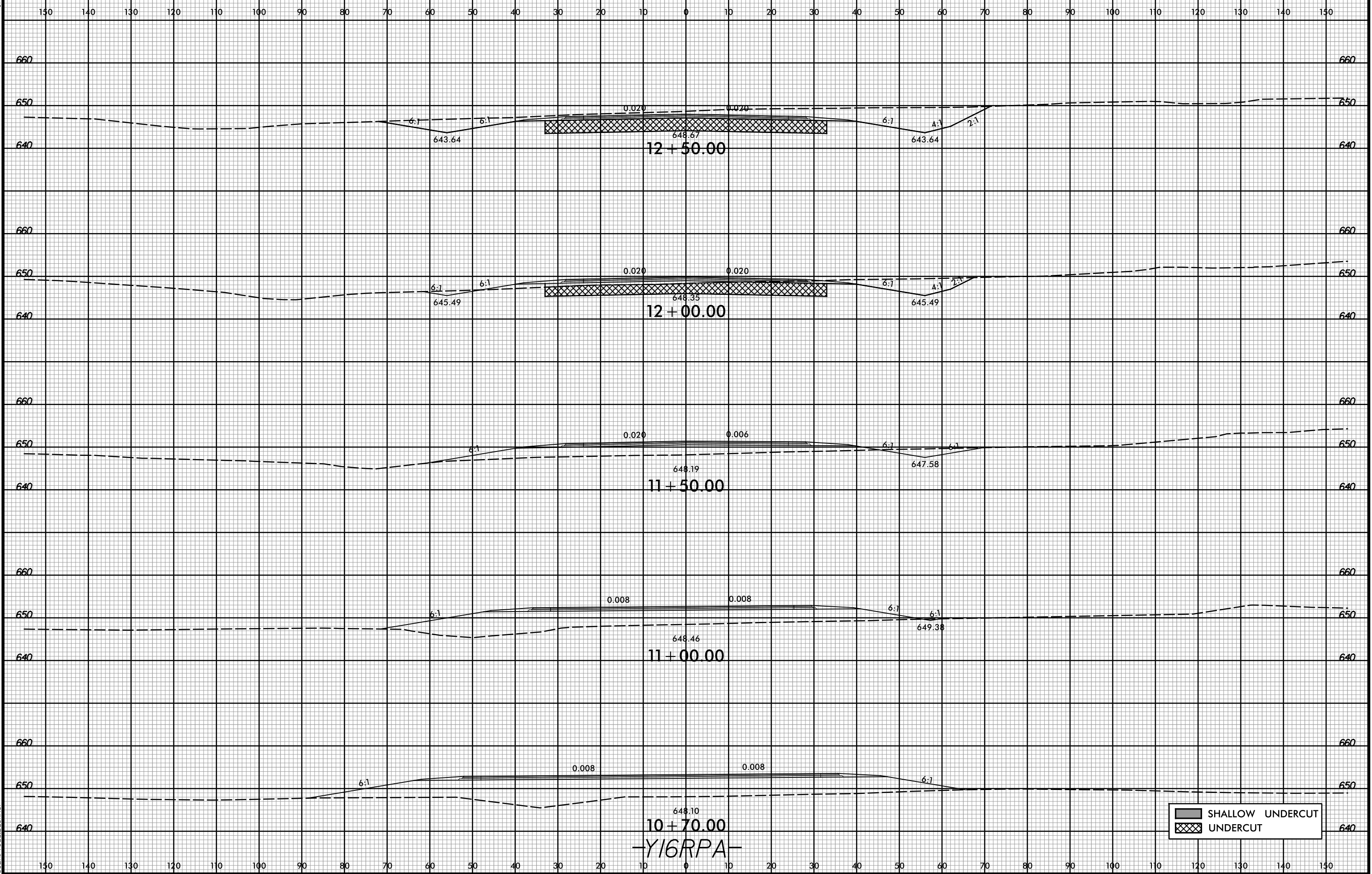


-Y16-

8/23/99



PROJ. REFERENCE NO. U-3109A SHEET NO. X-207

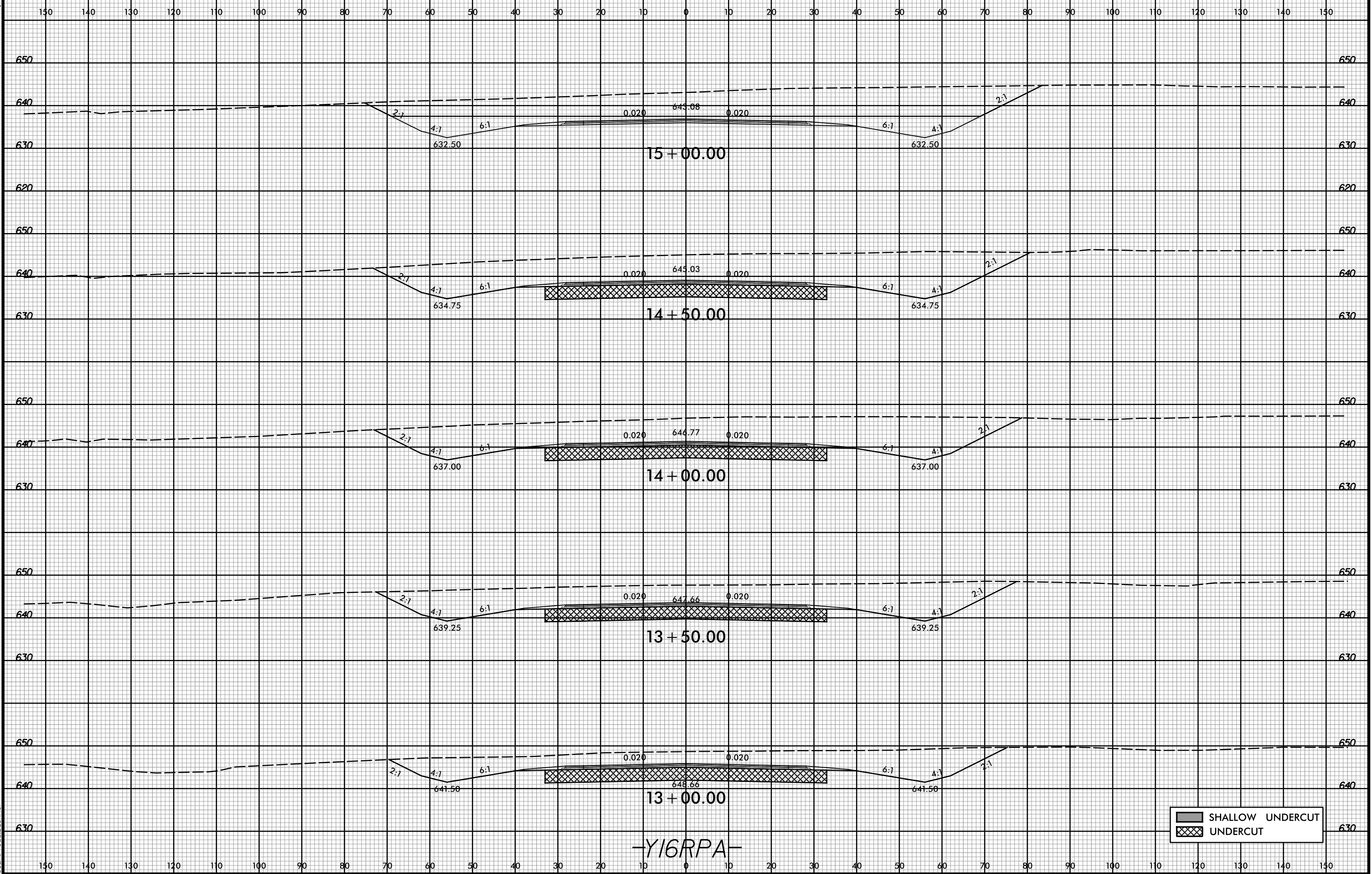


SHALLOW UNDERCUT
UNDERCUT

3/2/2017 10:44:18 AM
R:\Roadway\XSC\13109A_Rdy_xpl_Y16RPA.dgn
User: Todd.Buckner

10+70.00
-Y16RPA-

8/23/99



15 + 00.00

14 + 50.00

14 + 00.00

13 + 50.00

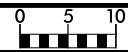
13 + 00.00

-Y16RPA-

| | |
|--|------------------|
| | SHALLOW UNDERCUT |
| | UNDERCUT |

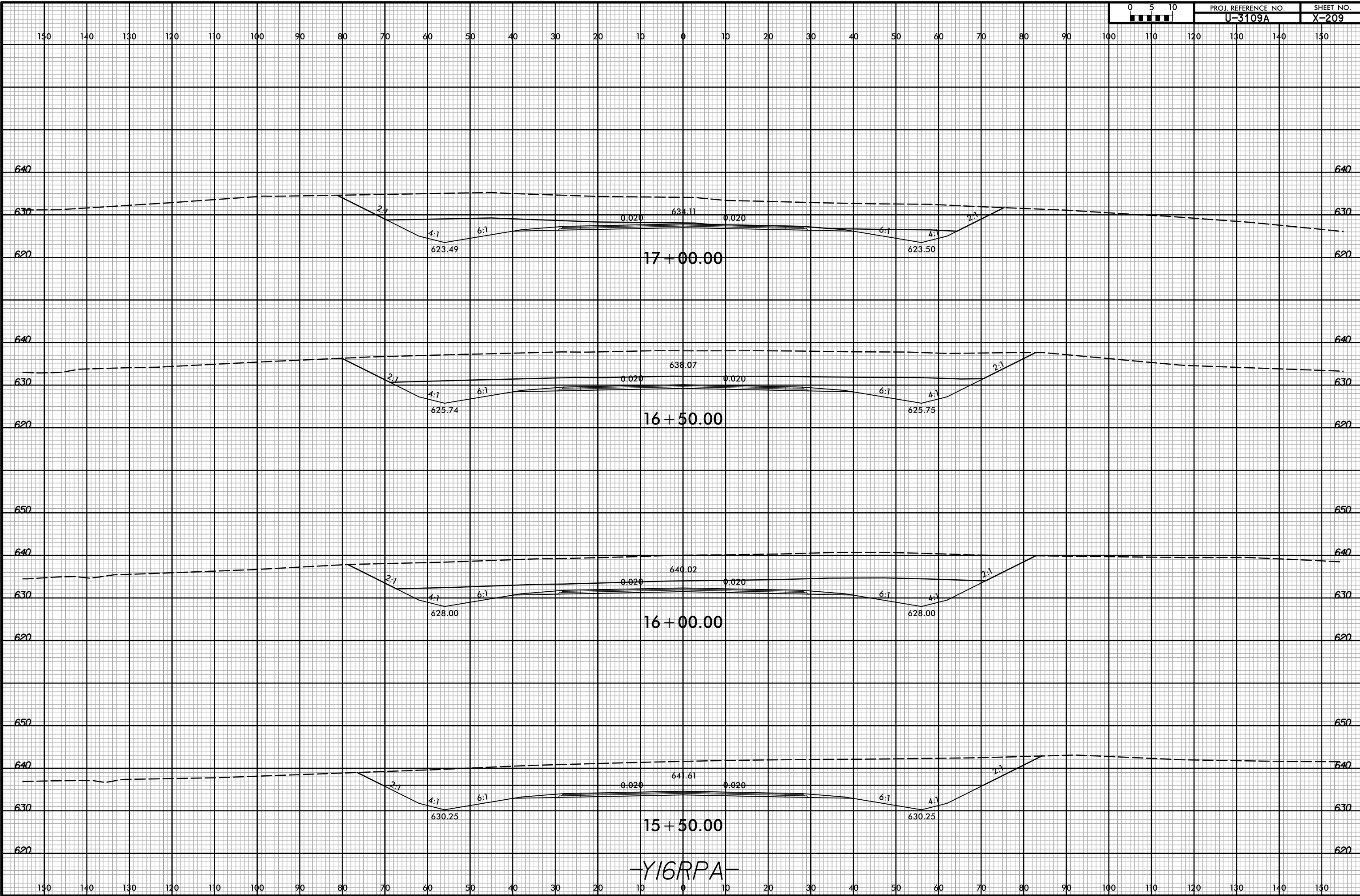
3/2/2017 10:44:18 AM
R:\Roadway\XSC\13109A_Rdy_xp1_Y16RPA.dgn
User: Todd.Buckner

8/23/99



PROJ. REFERENCE NO.
U-3109A

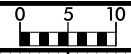
SHEET NO.
X-209



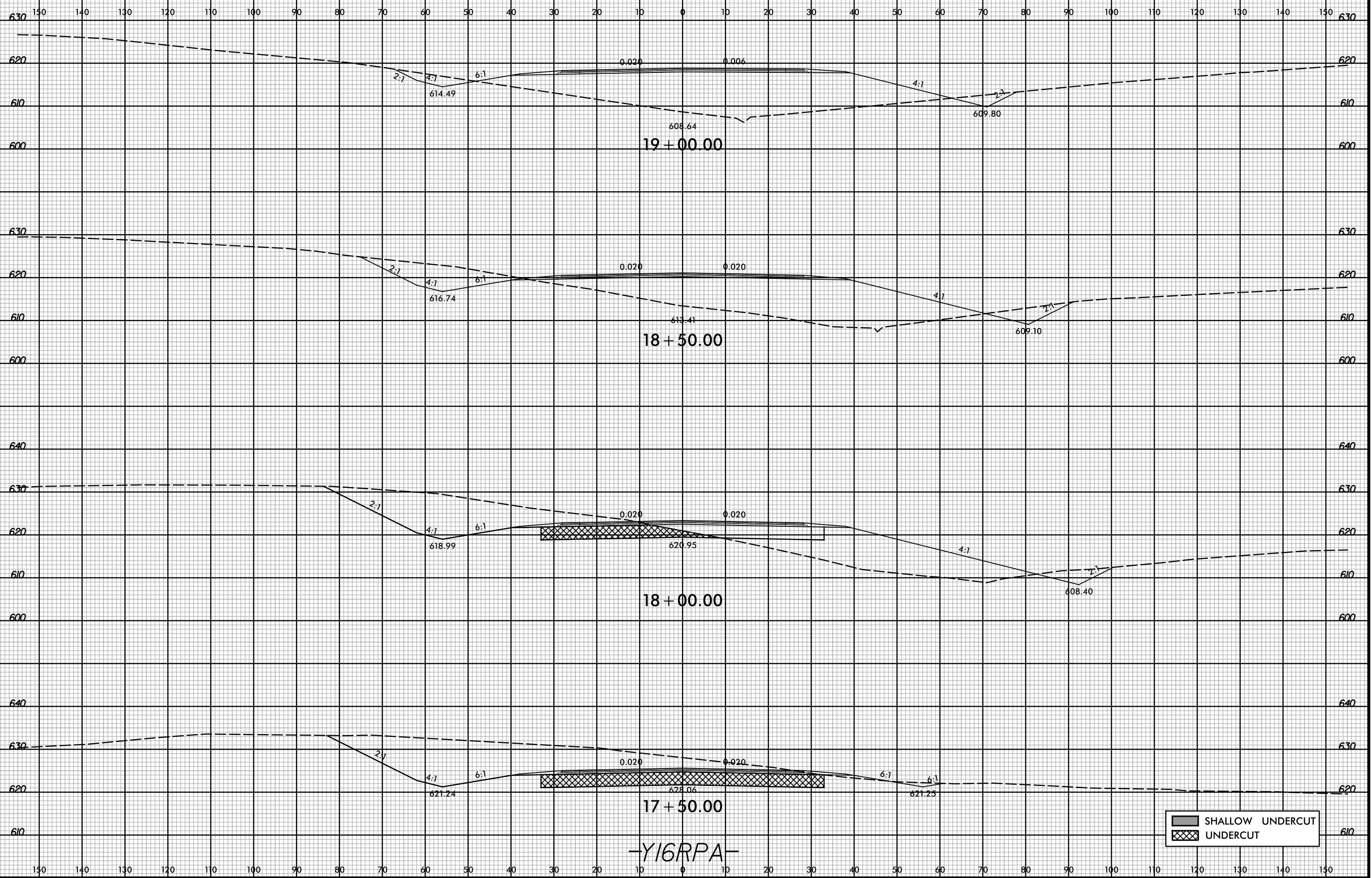
-Y16RPA-

3/2/2017 10:44:18 AM
R:\Roadway\XSC\13109A_Rdy_xp1_Y16RPA.dgn
User: Todd.Buckner

8/23/99

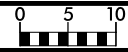


PROJ. REFERENCE NO. U-3109A SHEET NO. X-210



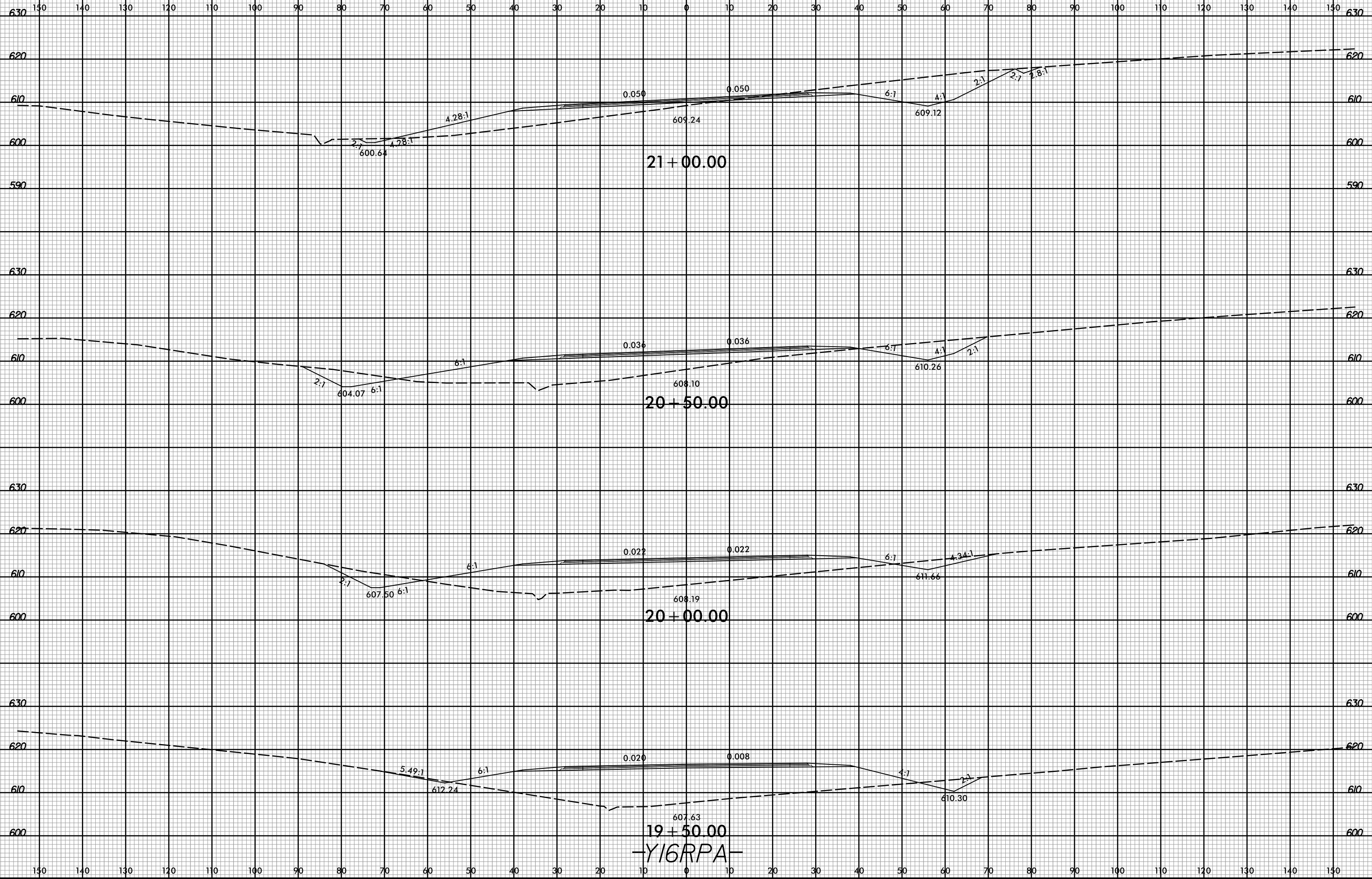
3/2/2017 10:44:18 AM
R:\Roadway\XSC\13109A_Rdy_xpl_Y16RPA.dgn
User: Todd.Buckner

8/23/99



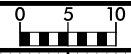
PROJ. REFERENCE NO.
U-3109A

SHEET NO.
X-211

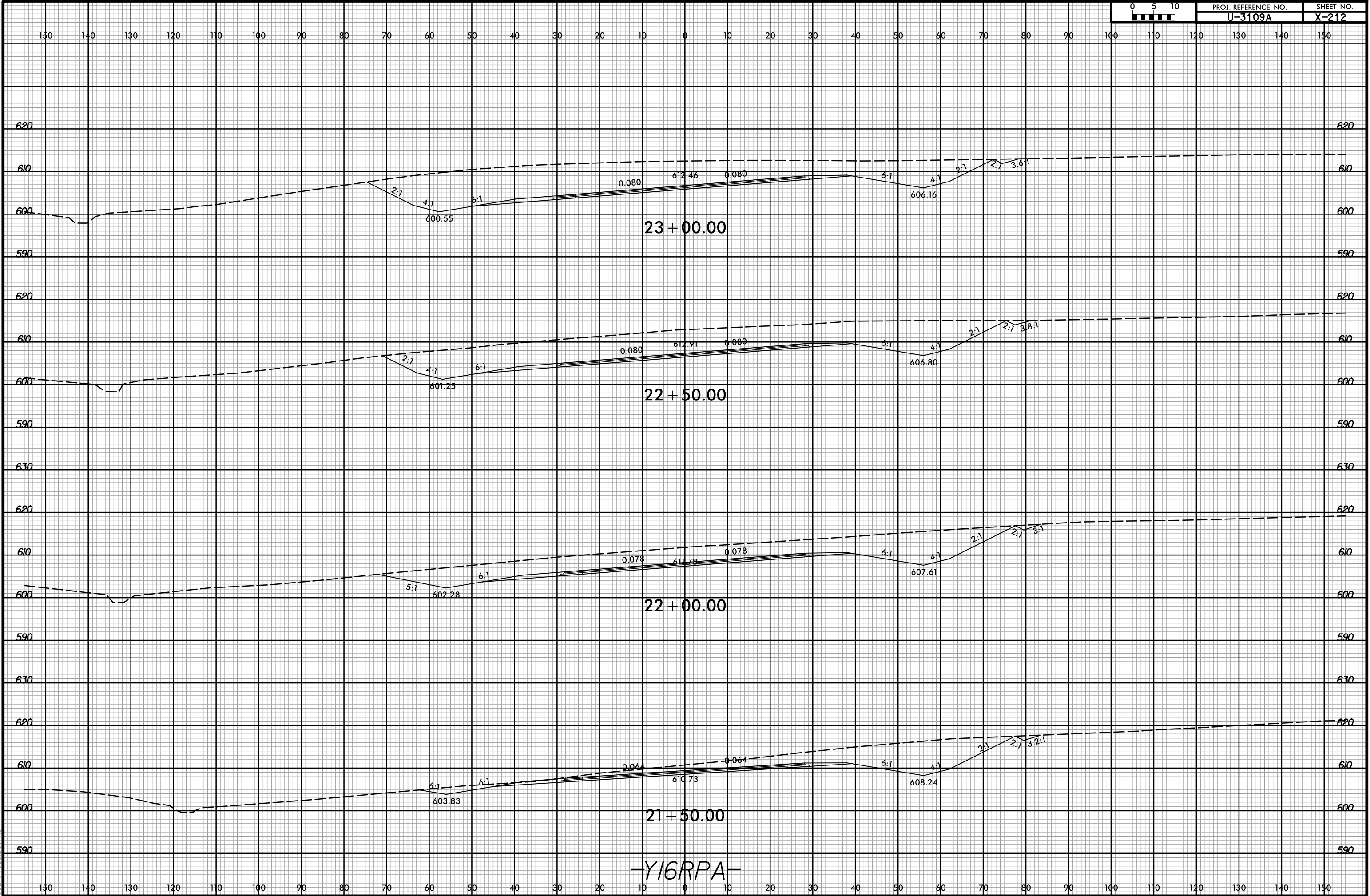


3/2/2017 10:44:18 AM
R:\Roadway\XSC\13109A_Rdy_xpl_Y16RPA.dgn
User: Todd.Buckner

8/23/99

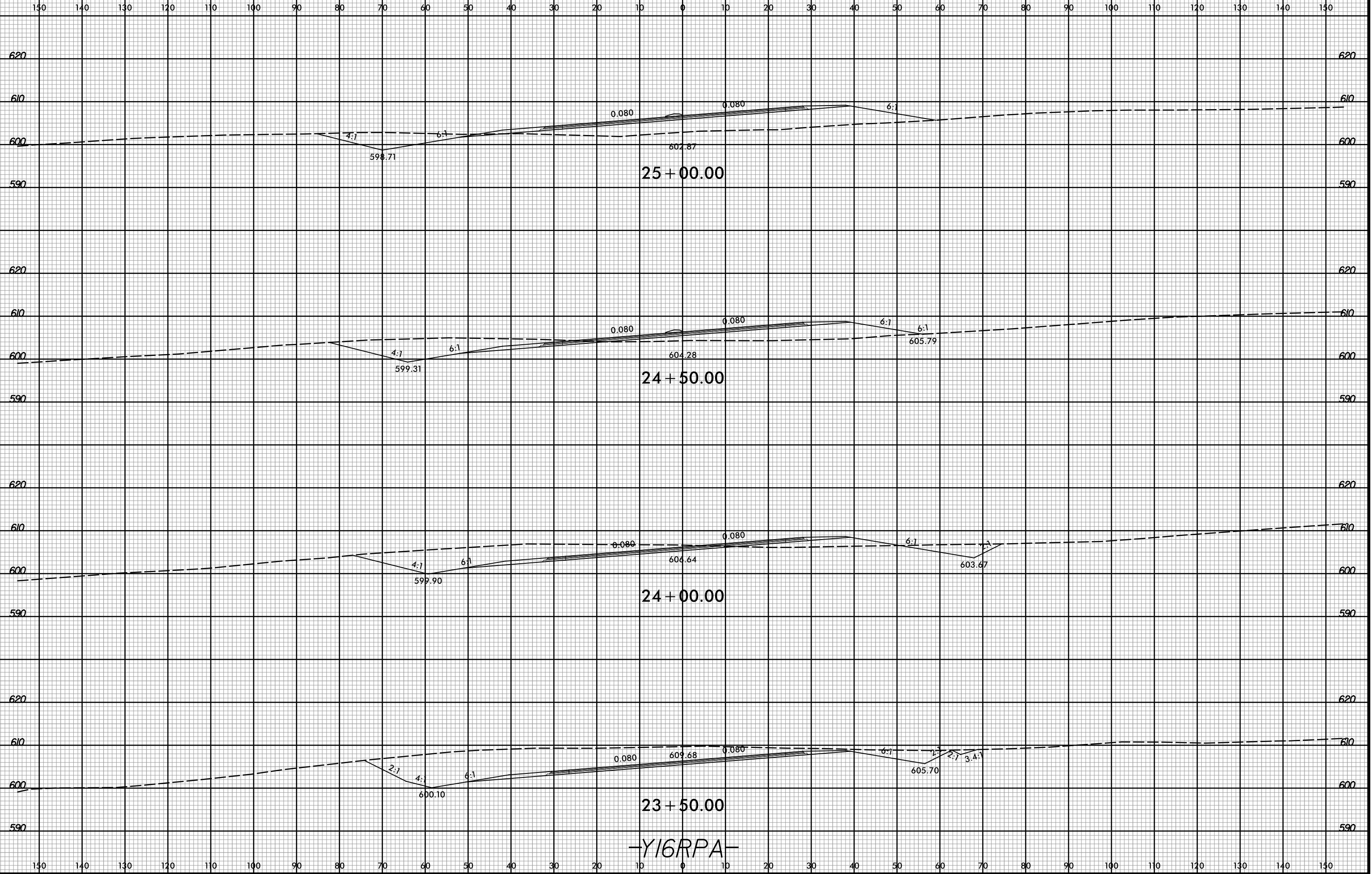


PROJ. REFERENCE NO. U-3109A SHEET NO. X-212



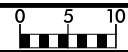
-Y16RPA-

3/2/2017 10:44:20 AM
R:\Roadway\XSC\13109A_Rdy...xp...Y16RPA.dgn
User: Todd.Buckner



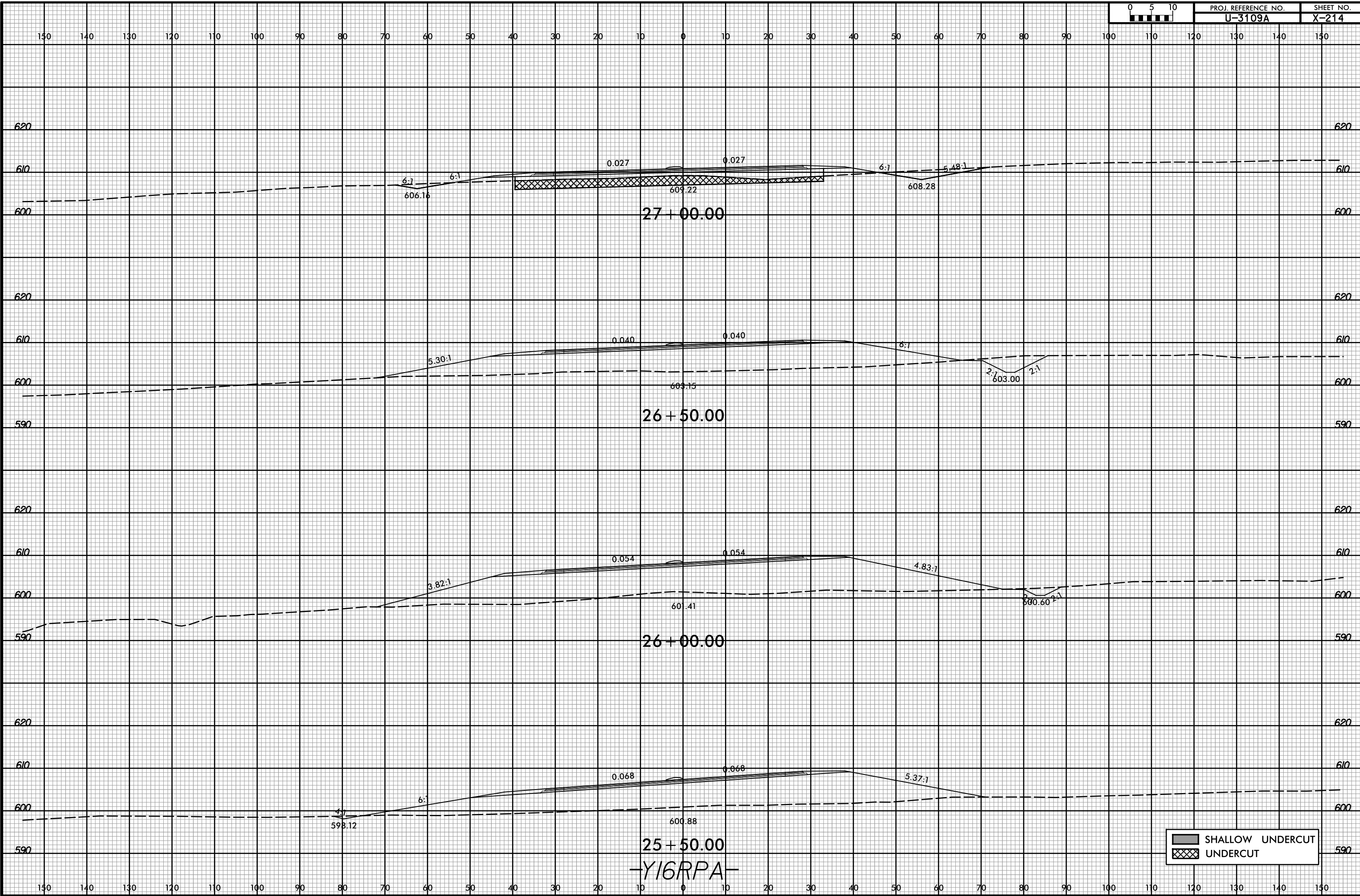
-Y16RPA-

8/23/99



PROJ. REFERENCE NO.
U-3109A

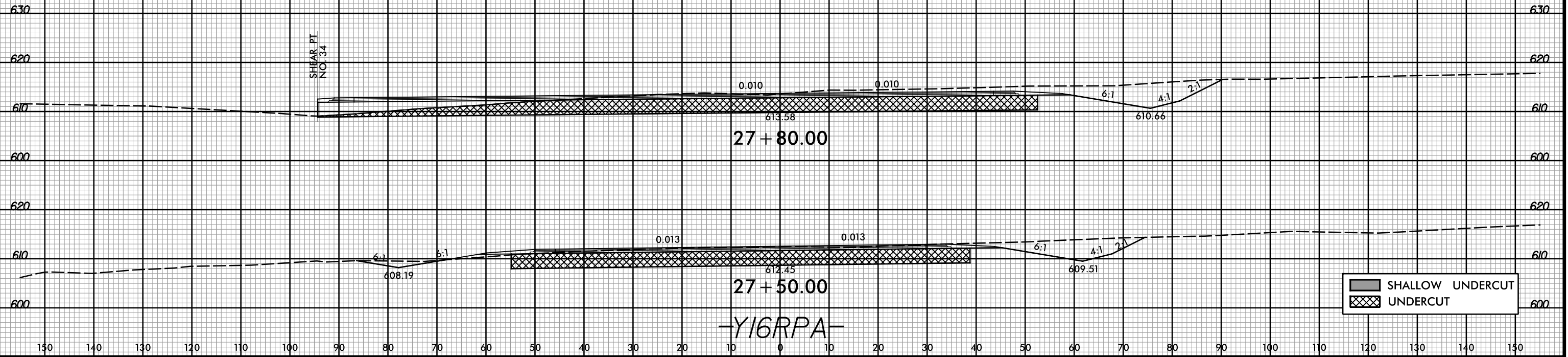
SHEET NO.
X-214





3/2/2017 10:44:20 AM
R:\Roadway\XSC\13109A_Rdy_xpl_Y16RPA.dgn
User: Todd.Buckner

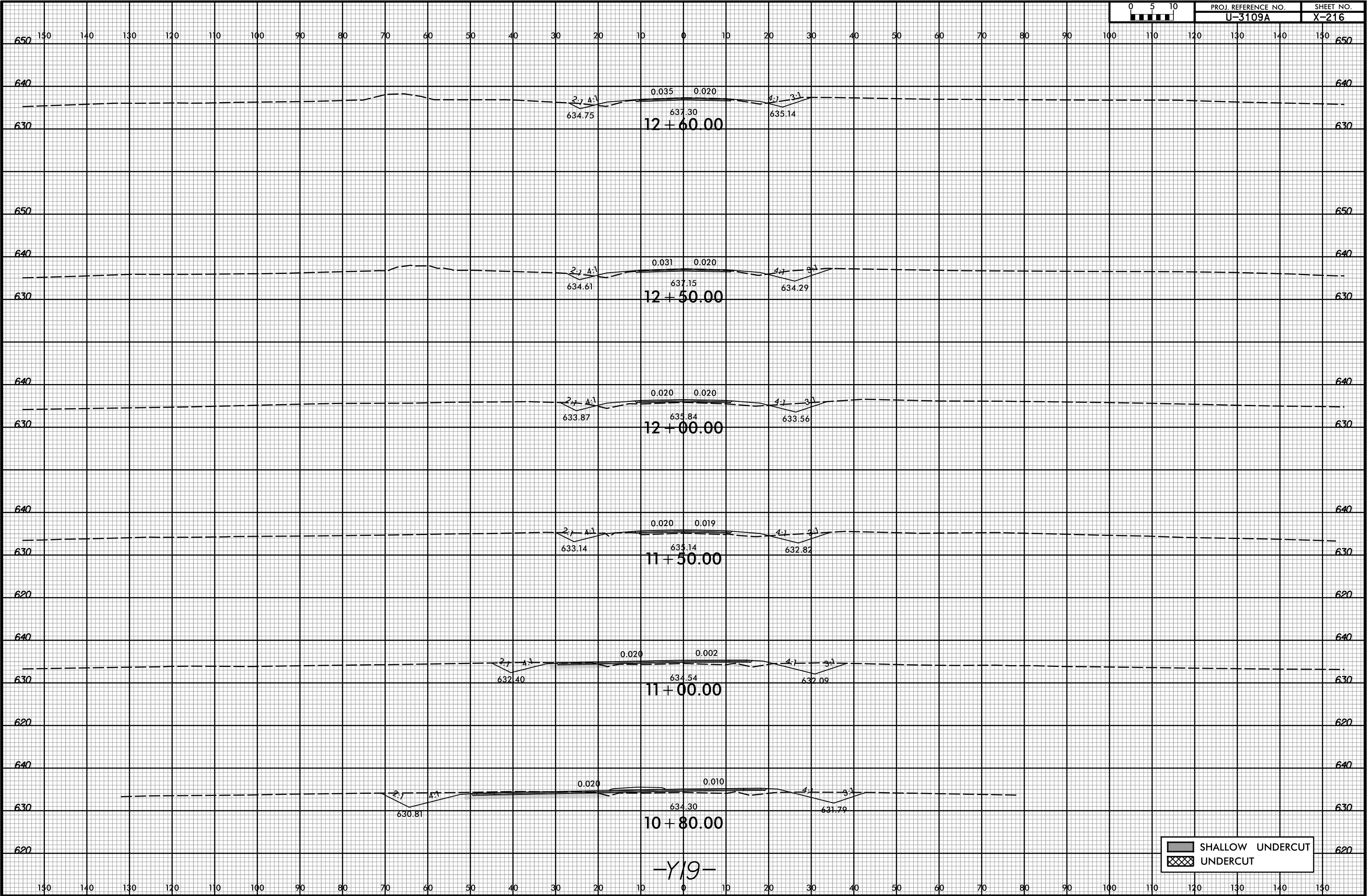
Y16RPA

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



 SHALLOW UNDERCUT
 UNDERCUT

-Y16RPA-



SHALLOW UNDERCUT
 UNDERCUT



150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

640

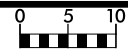
630

640

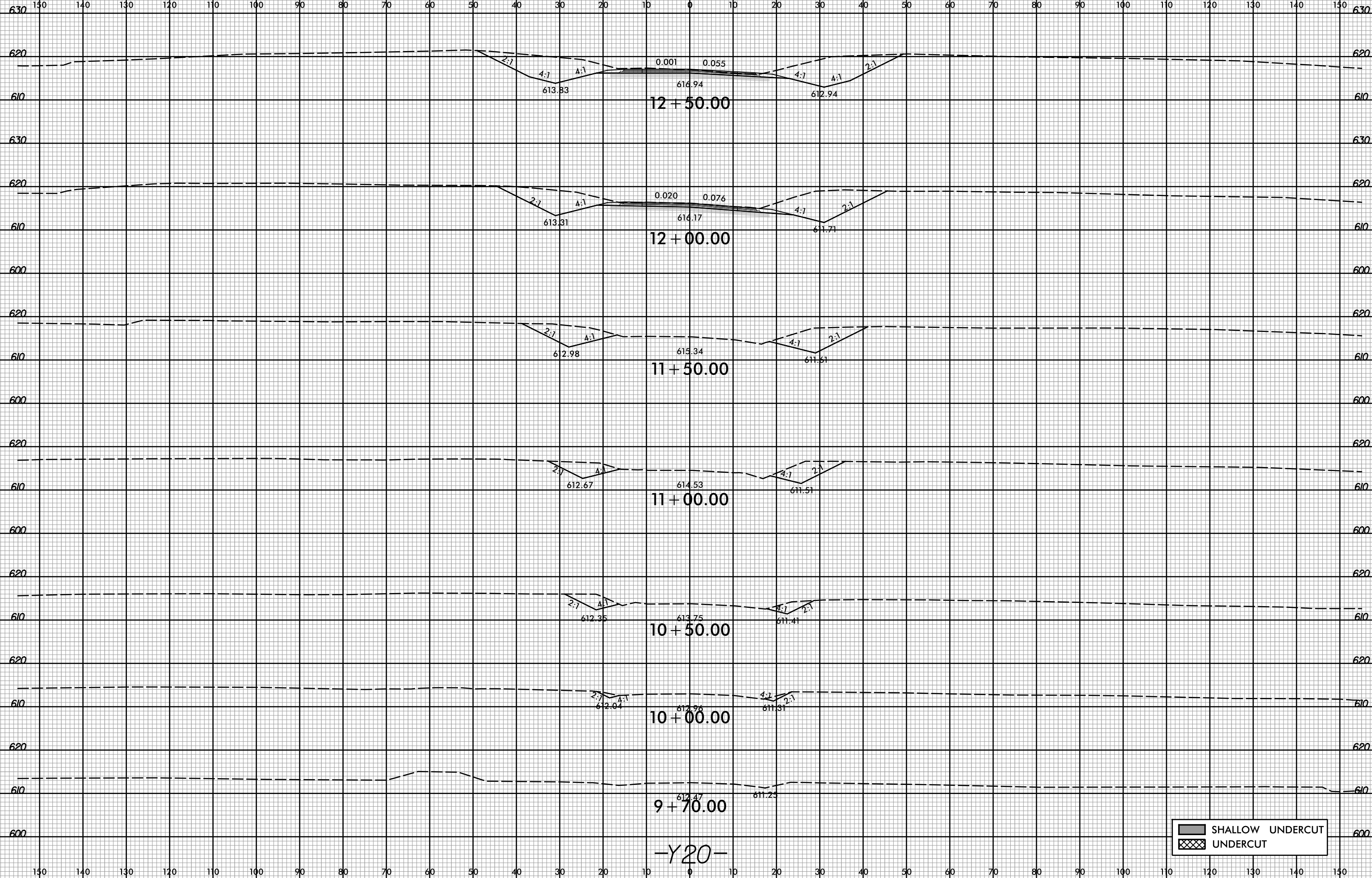
630

12 + 90.00
637.74
-Y19-

6/23/16



PROJ. REFERENCE NO. U-3109A SHEET NO. X-218

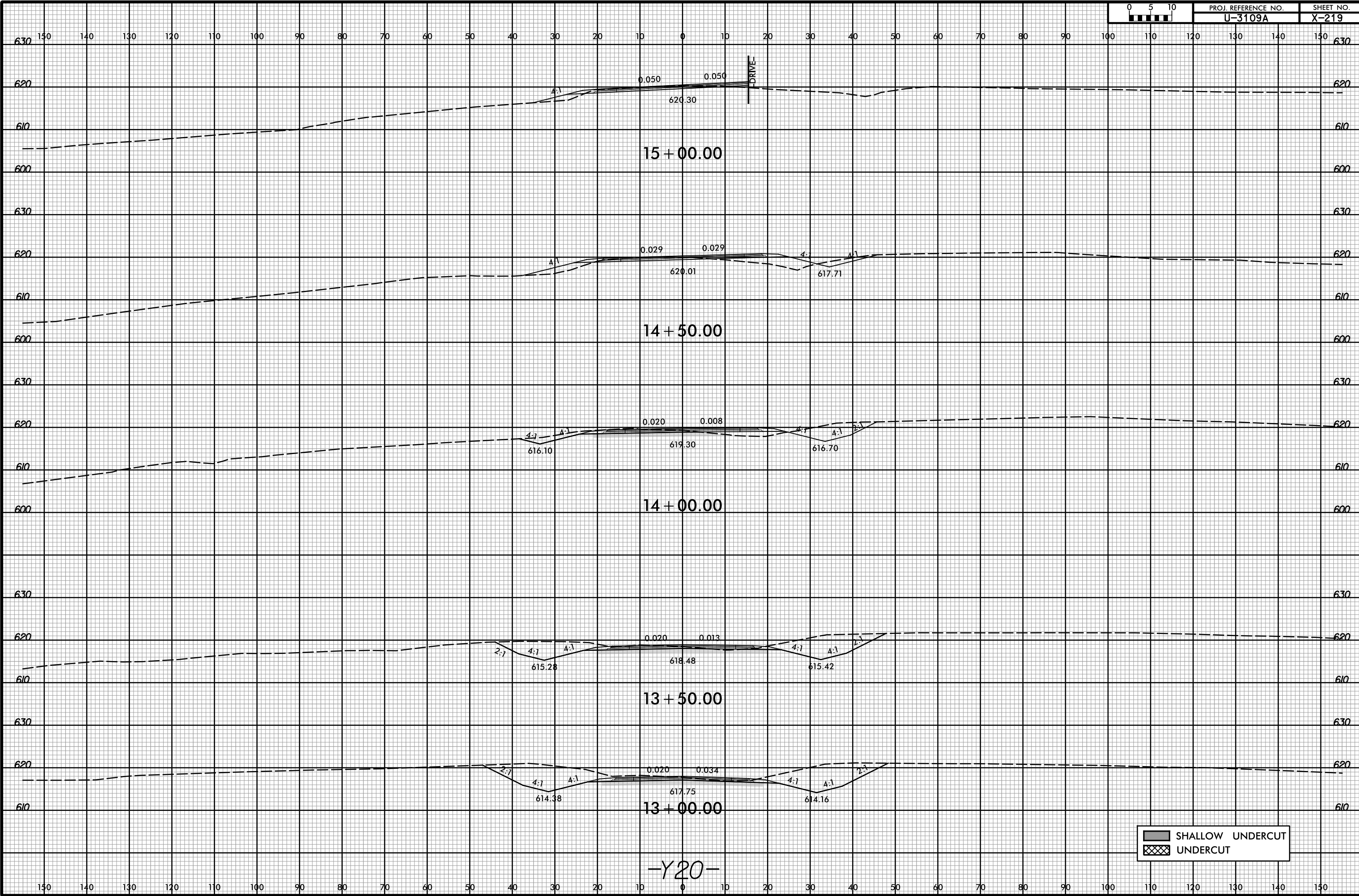
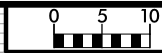


SHALLOW UNDERCUT

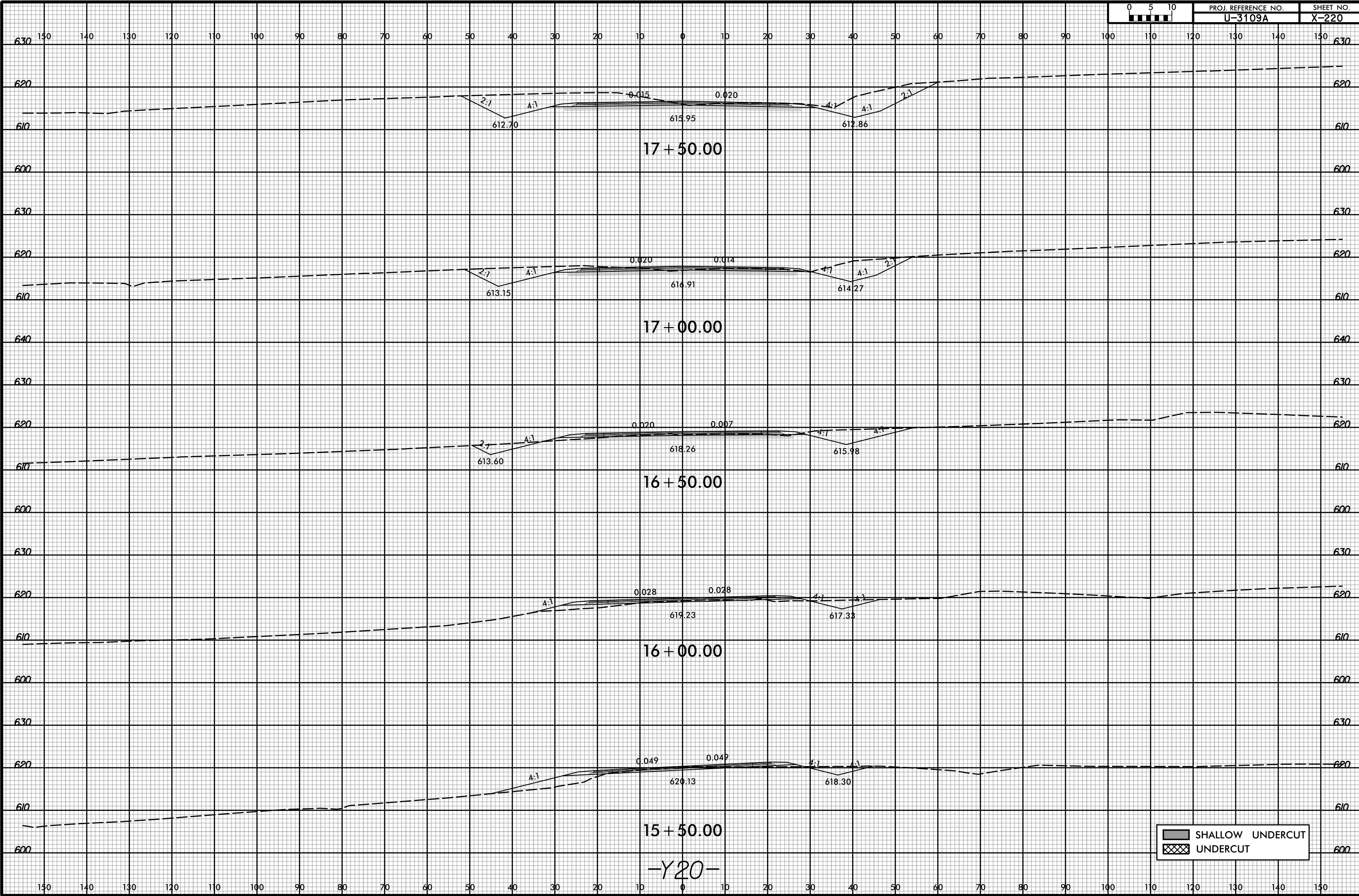
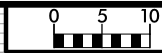
 UNDERCUT

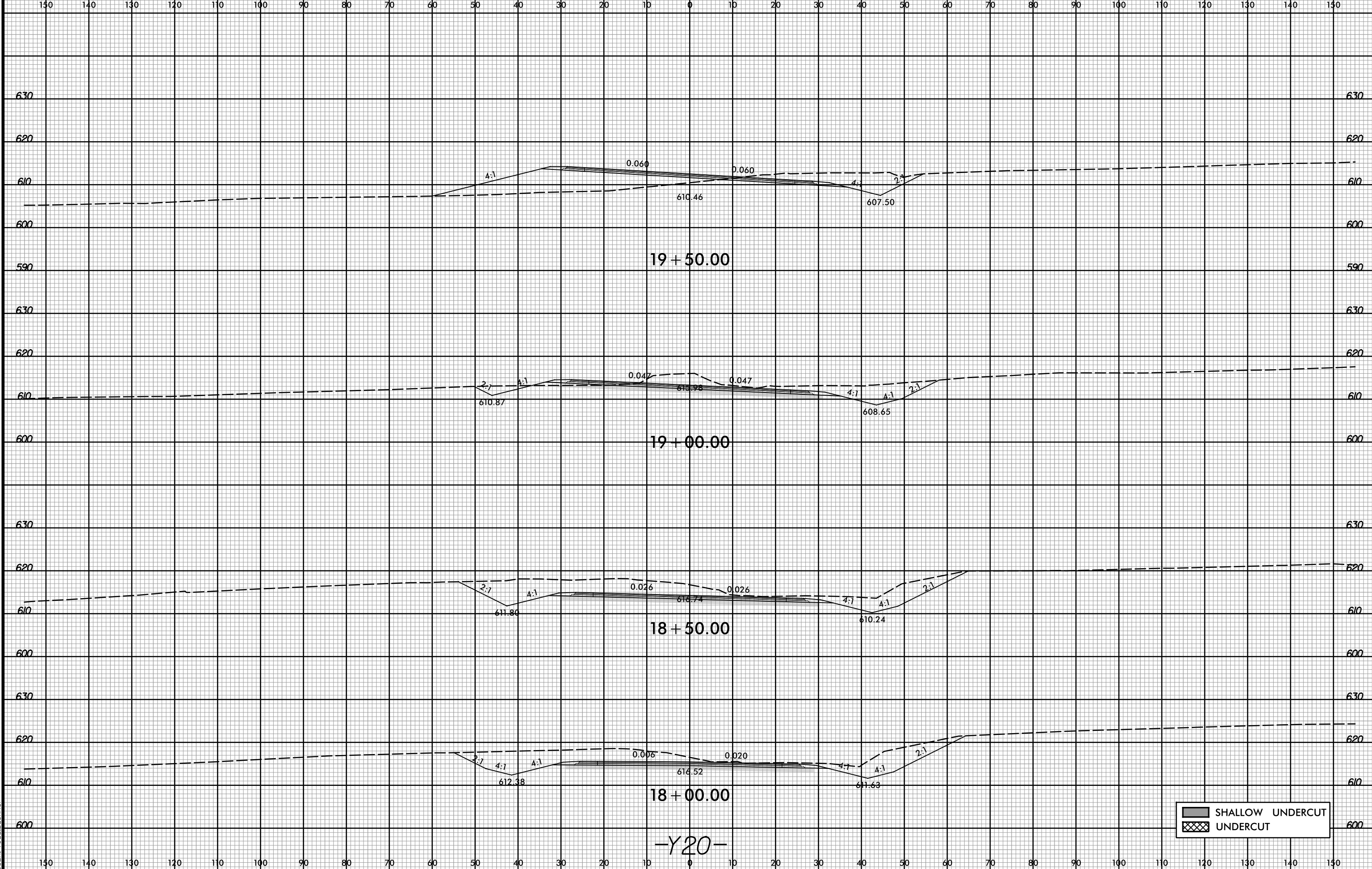
3/2/2017 10:44:27 AM
 R:\Projects\3109A.XD\U3109A_Rd.dwg
 USER: Todd Buckner

-Y20-



-Y20-

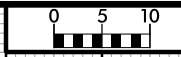




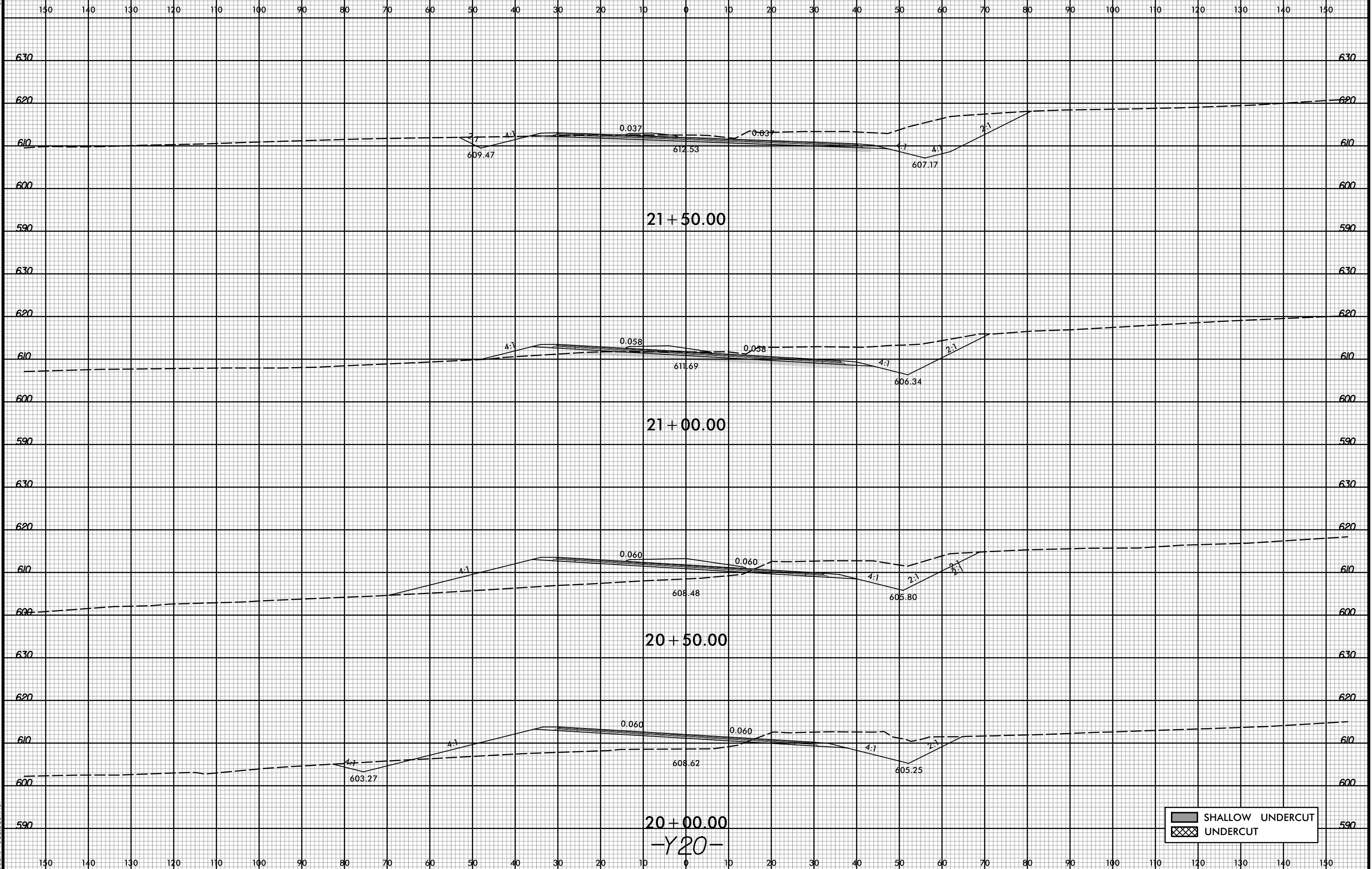
| | |
|--|------------------|
| | SHALLOW UNDERCUT |
| | UNDERCUT |

-Y20-

6/23/16

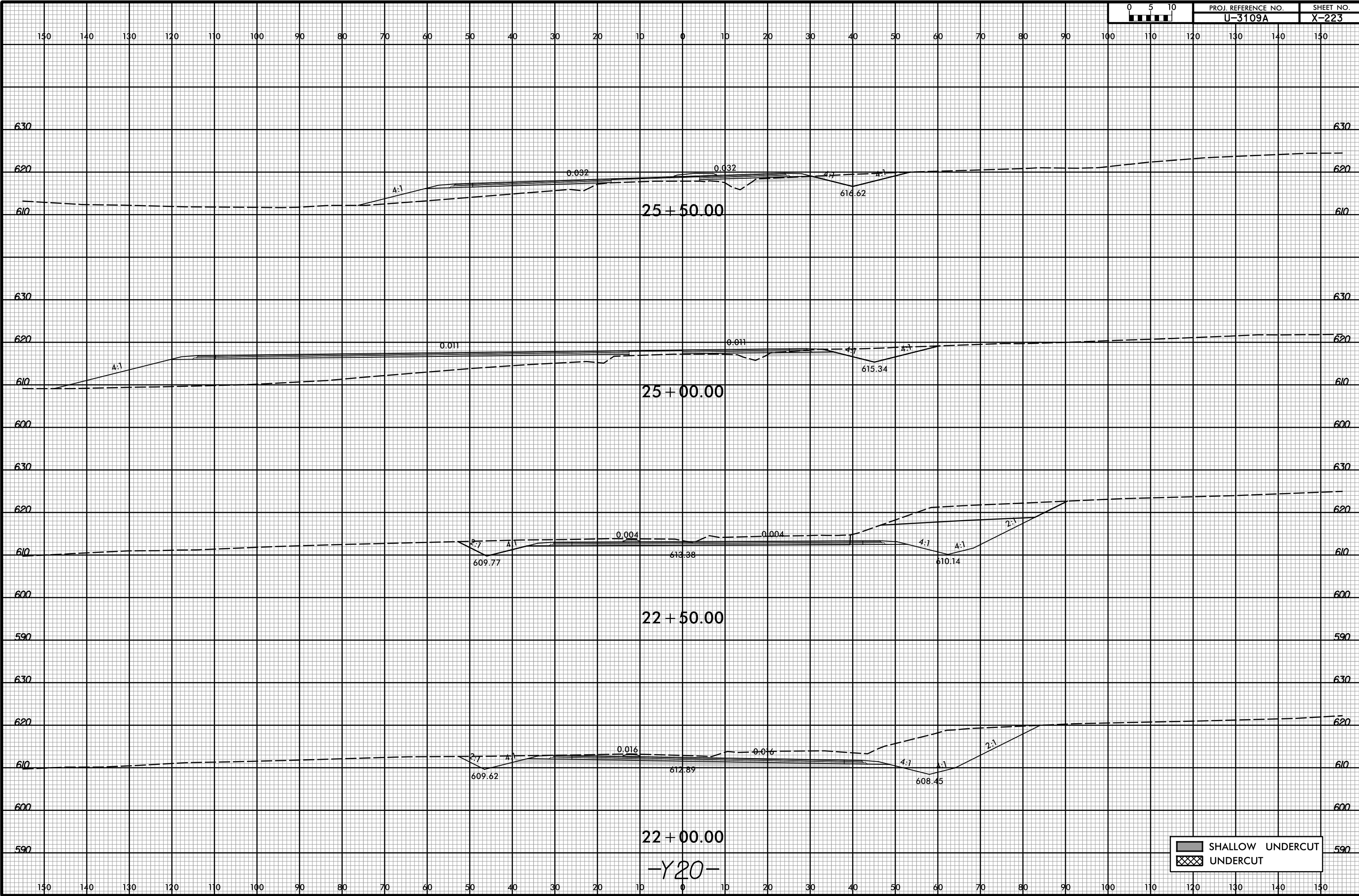
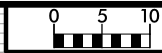


PROJ. REFERENCE NO. U-3109A
SHEET NO. X-222



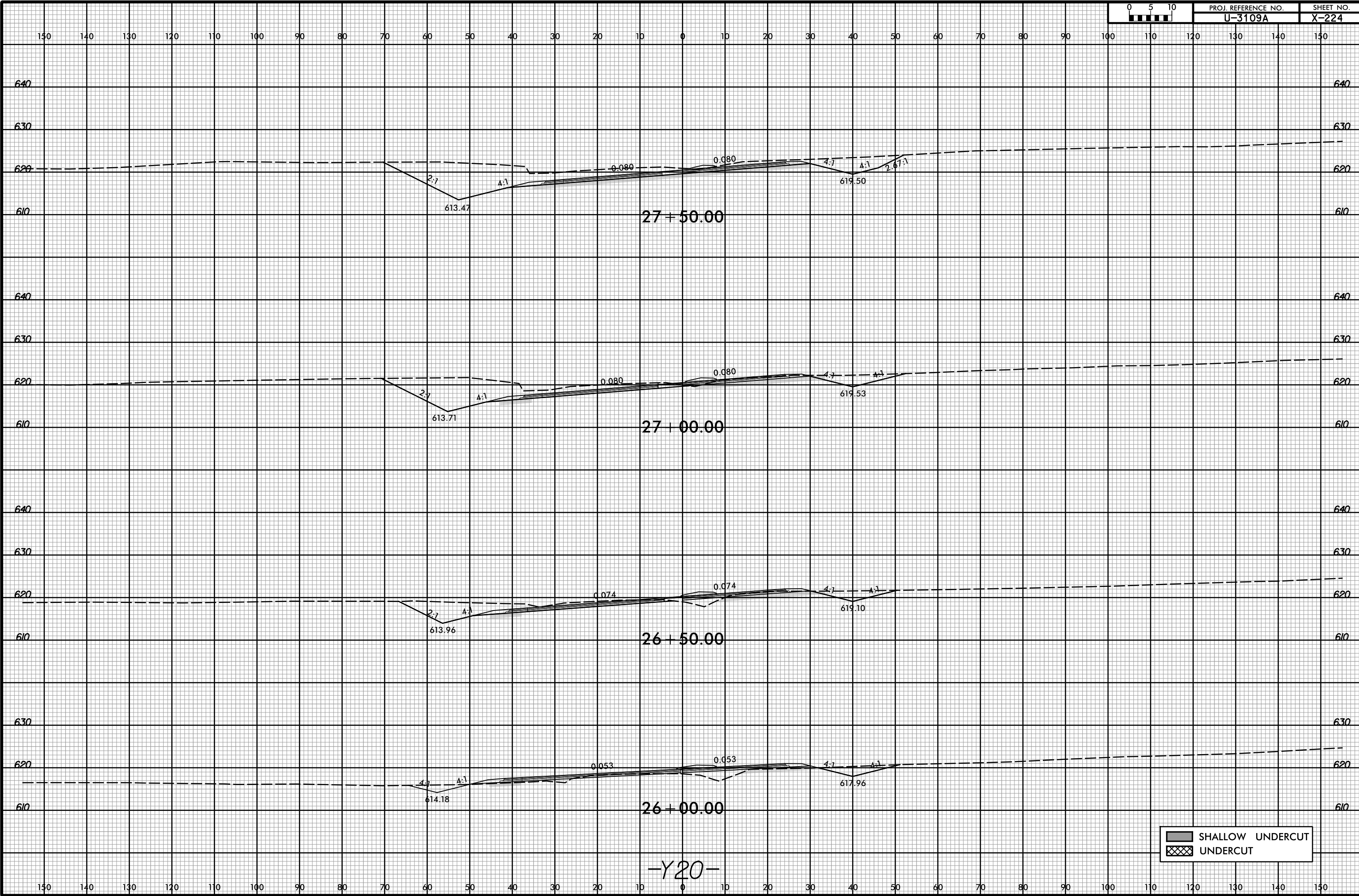
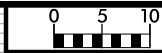
SHALLOW UNDERCUT
UNDERCUT

3/2/2017 10:44:28 AM
R:\Projects\Y20\U3109A_Rd.dwg
USER: Todd Buckner



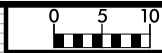
SHALLOW UNDERCUT

 UNDERCUT

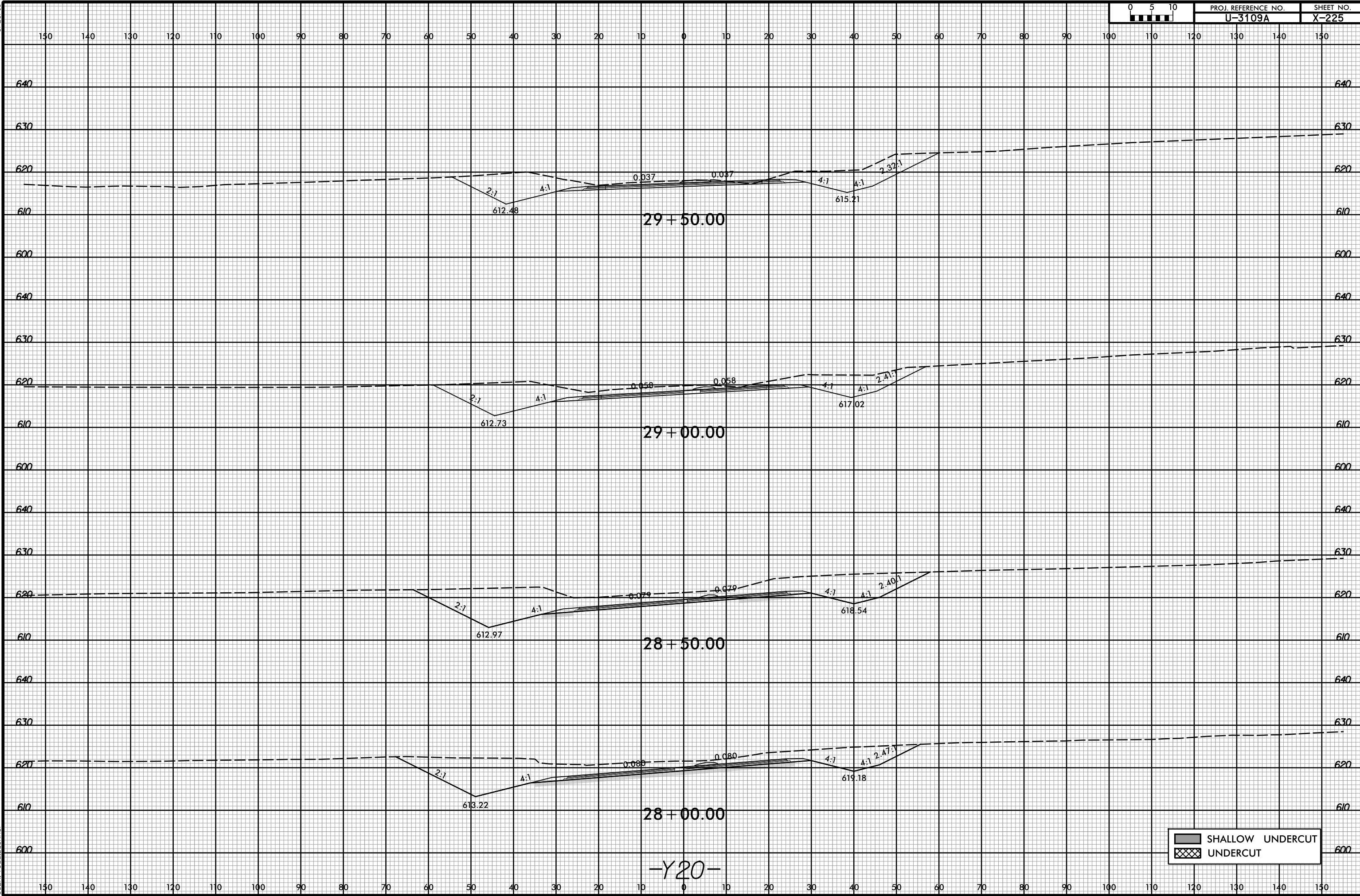


-Y20-

6/23/16



PROJ. REFERENCE NO. U-3109A SHEET NO. X-225



29 + 50.00

29 + 00.00

28 + 50.00

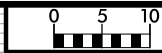
28 + 00.00

-Y20-

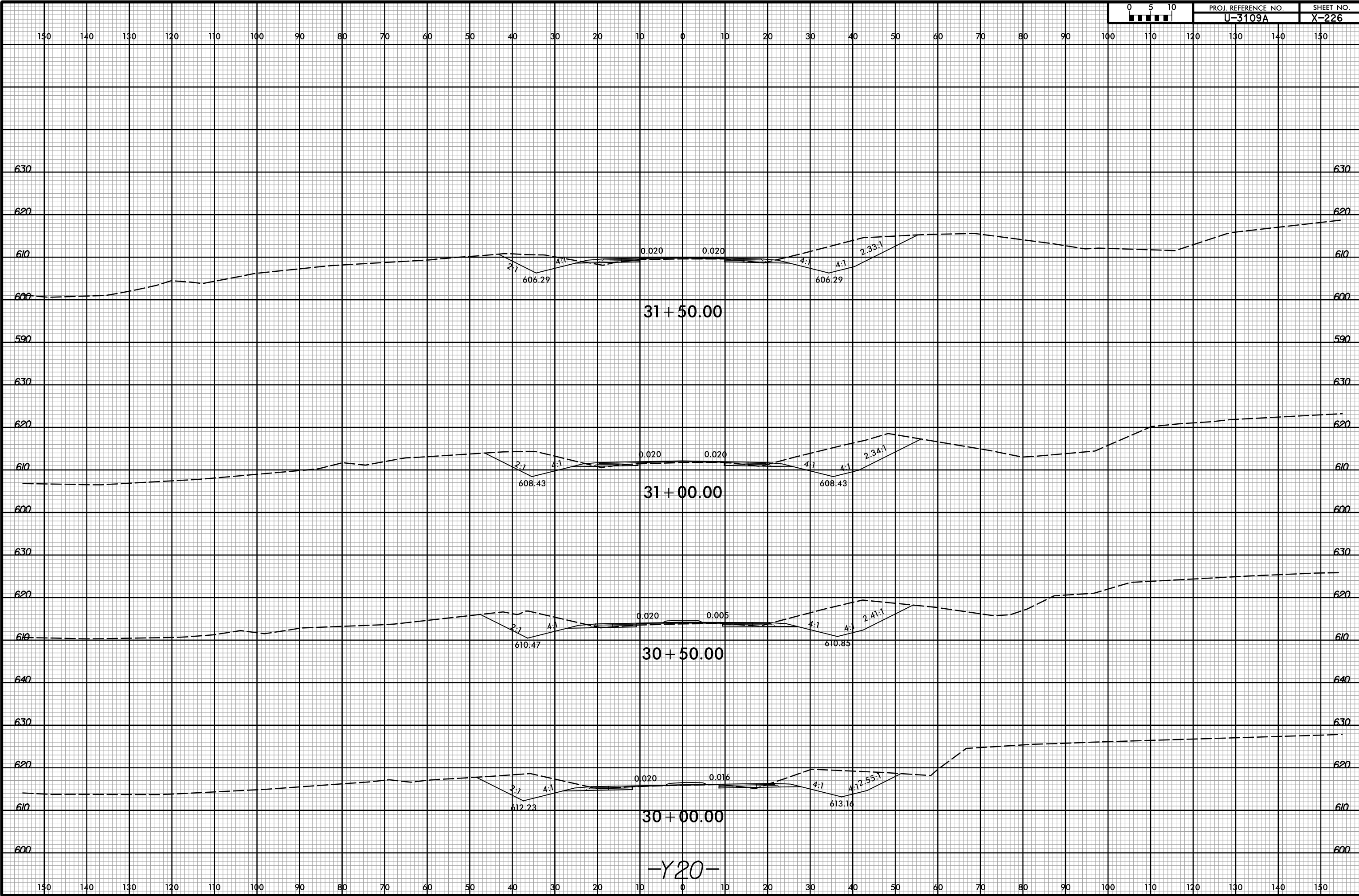
SHALLOW UNDERCUT
UNDERCUT

3/2/2017 10:44:30 AM
R:\Projects\YSC\U3109A_Rd.dwg
USER: Todd Buckner

6/23/16



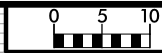
PROJ. REFERENCE NO. U-3109A SHEET NO. X-226



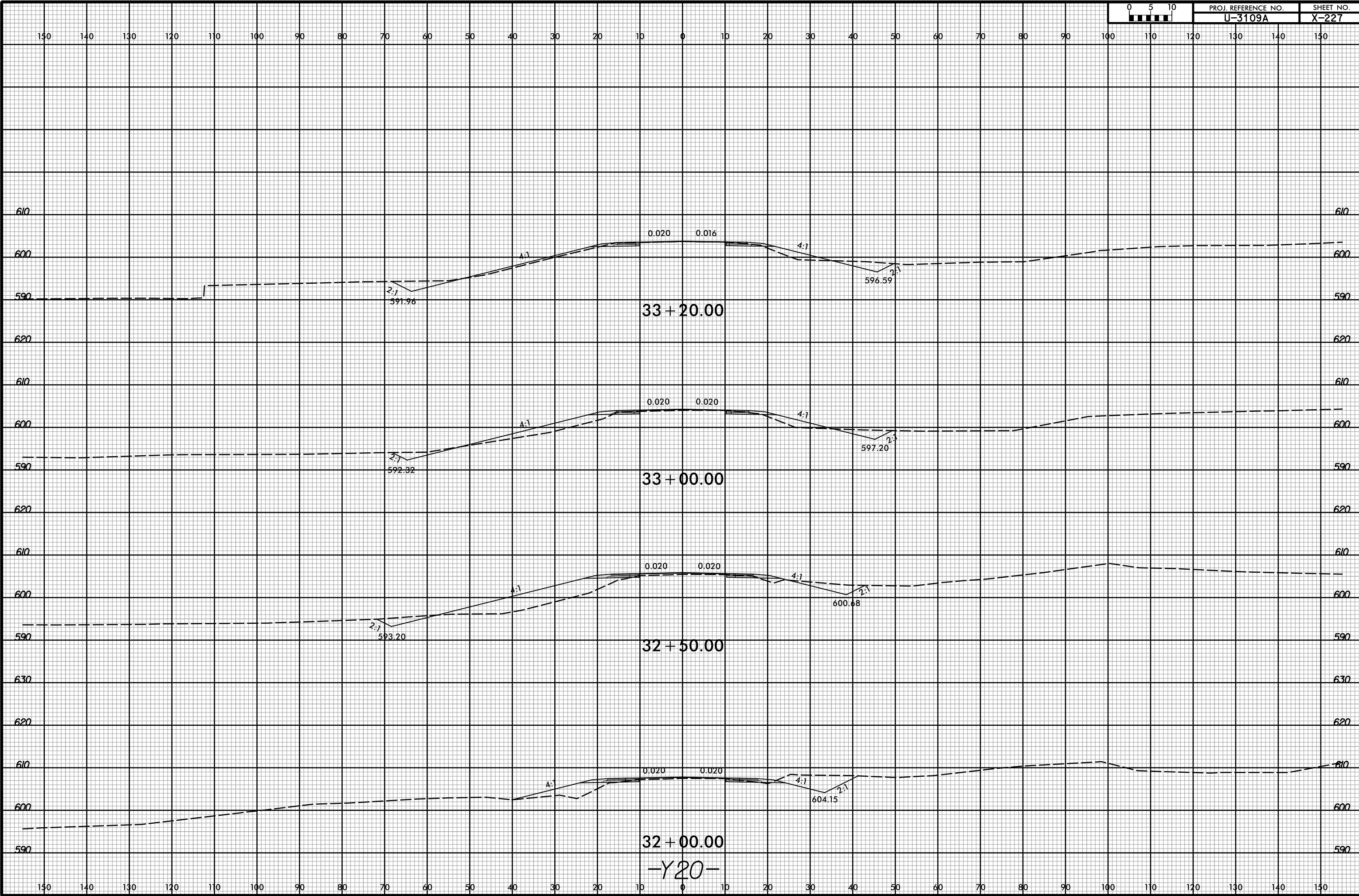
2/24/2017 2:04:22 PM
R:\Projects\1356\U3109A_Rd.dwg
USER: todd.buckner

-Y20-

6/23/16



PROJ. REFERENCE NO. U-3109A SHEET NO. X-227



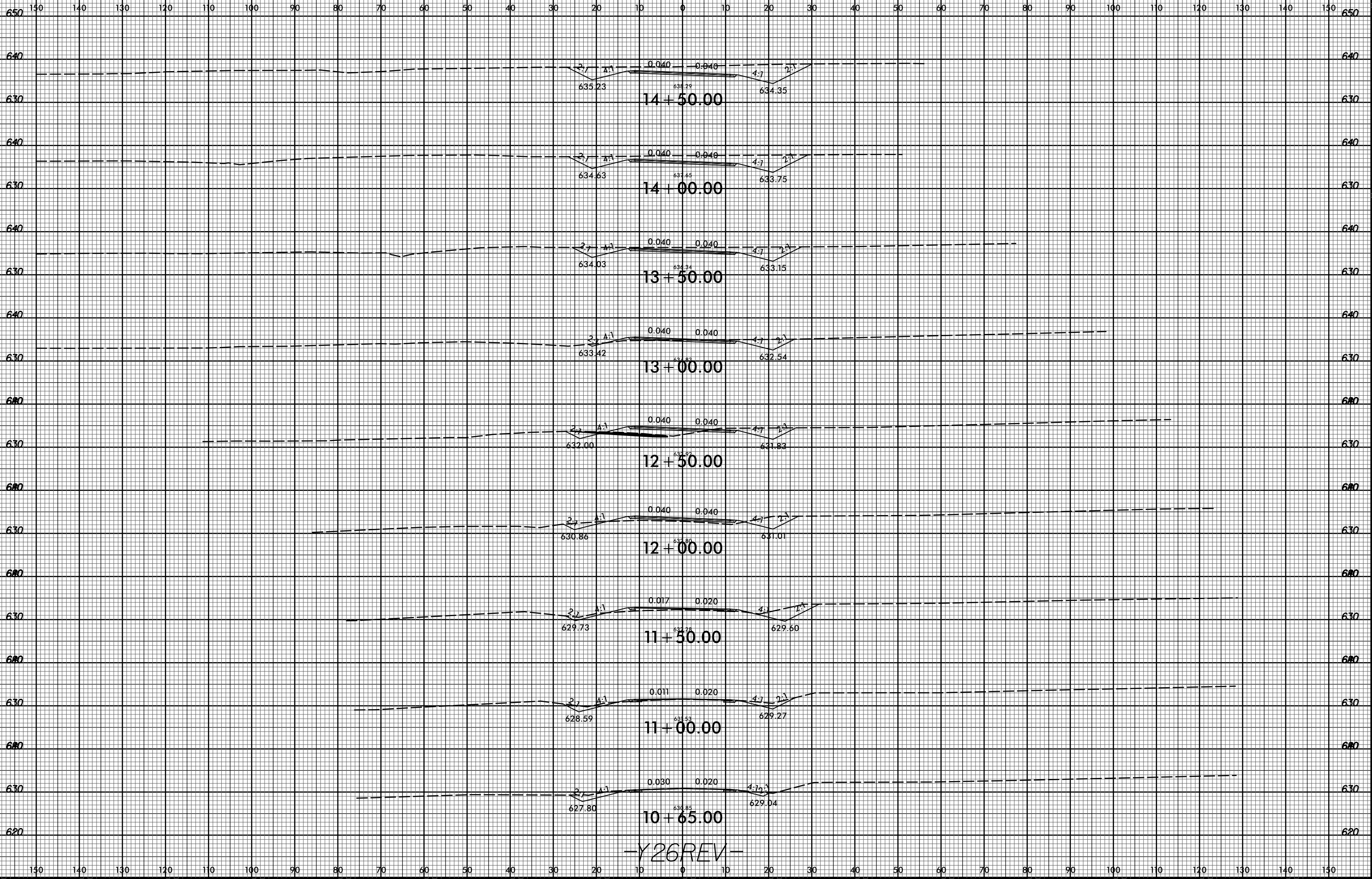
2/24/2017 2:04:22 PM
R:\Projects\X30\U3109A_Rd.dwg
USER: todd.buckner

6/23/16



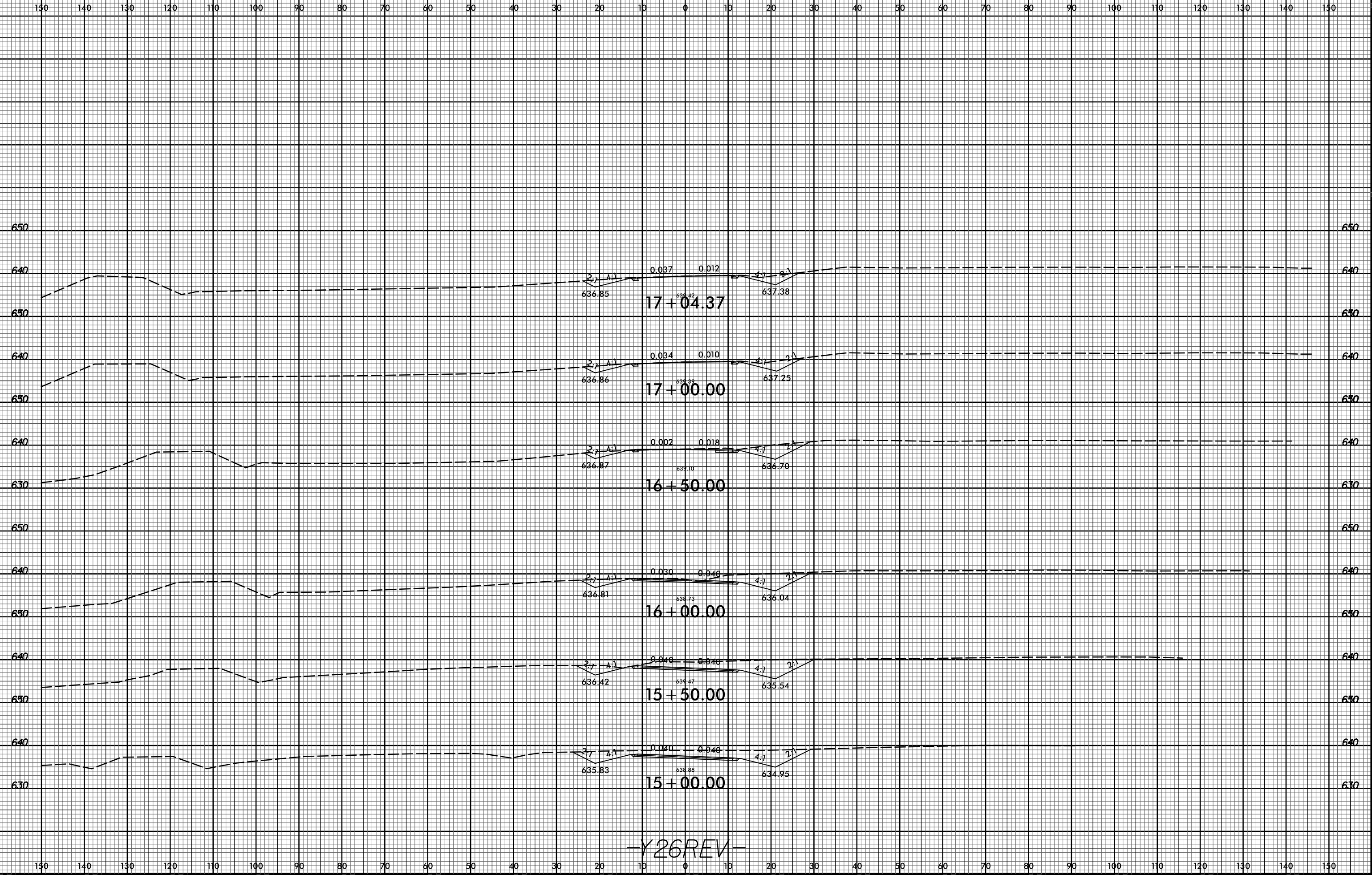
PROJ. REFERENCE NO.
U-3109A

SHEET NO.
X-228



-Y26REV-

07-MAR-2017 08:36
R:\Roadwork\X\3109A_Frdy-xpl-Y26REV.dgn
\$\$\$\$\$USERNAME\$\$\$\$



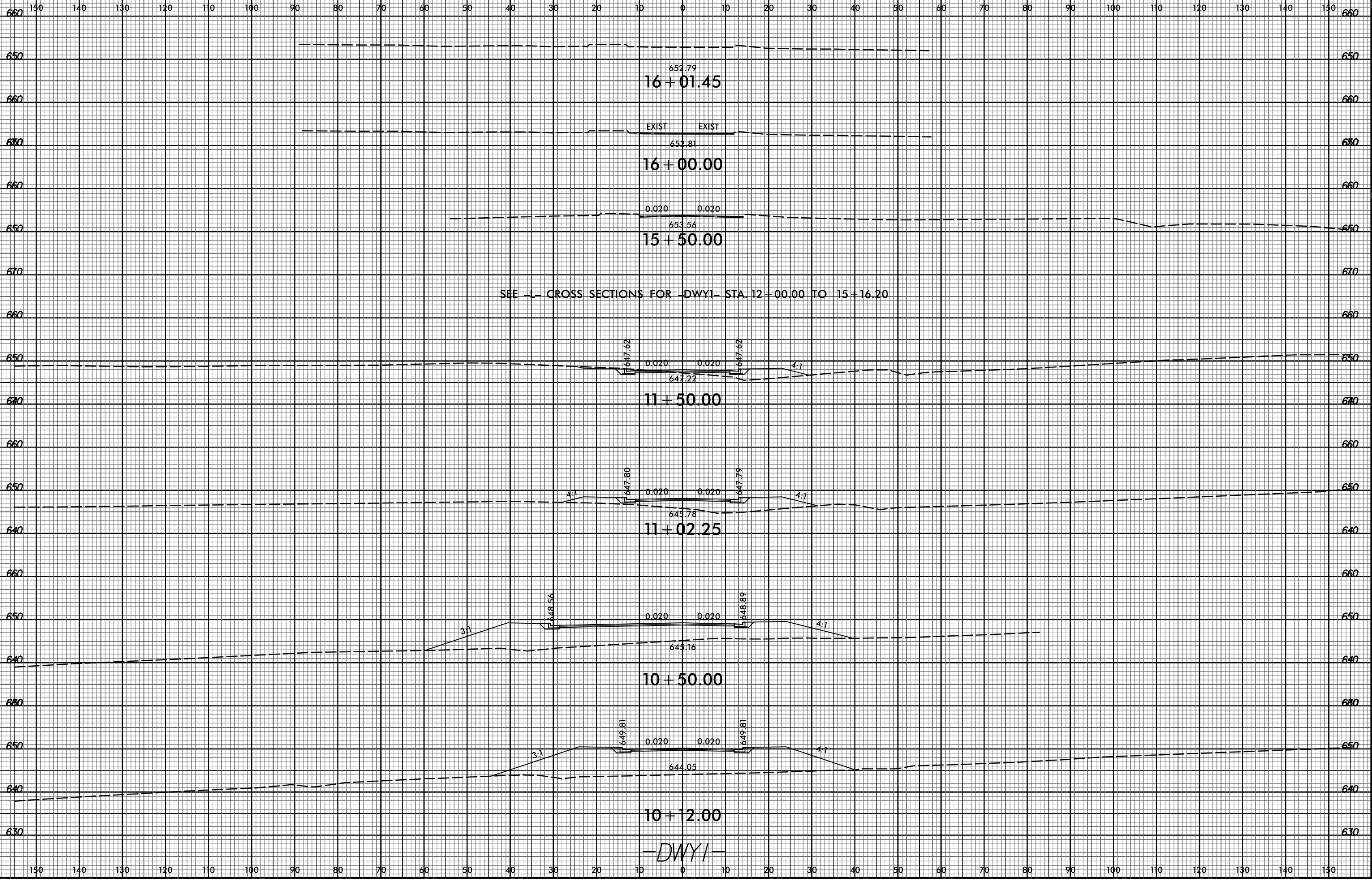
-Y26REV-

6/23/16



PROJ. REFERENCE NO.
U-3109A

SHEET NO.
X-230



652.79
16+01.45

EXIST EXIST
652.81
16+00.00

0.020 0.020
653.56
15+50.00

SEE -L- CROSS SECTIONS FOR DWYI STA. 12+00.00 TO 15+16.20

647.62 647.62
0.020 0.020
647.22
11+50.00

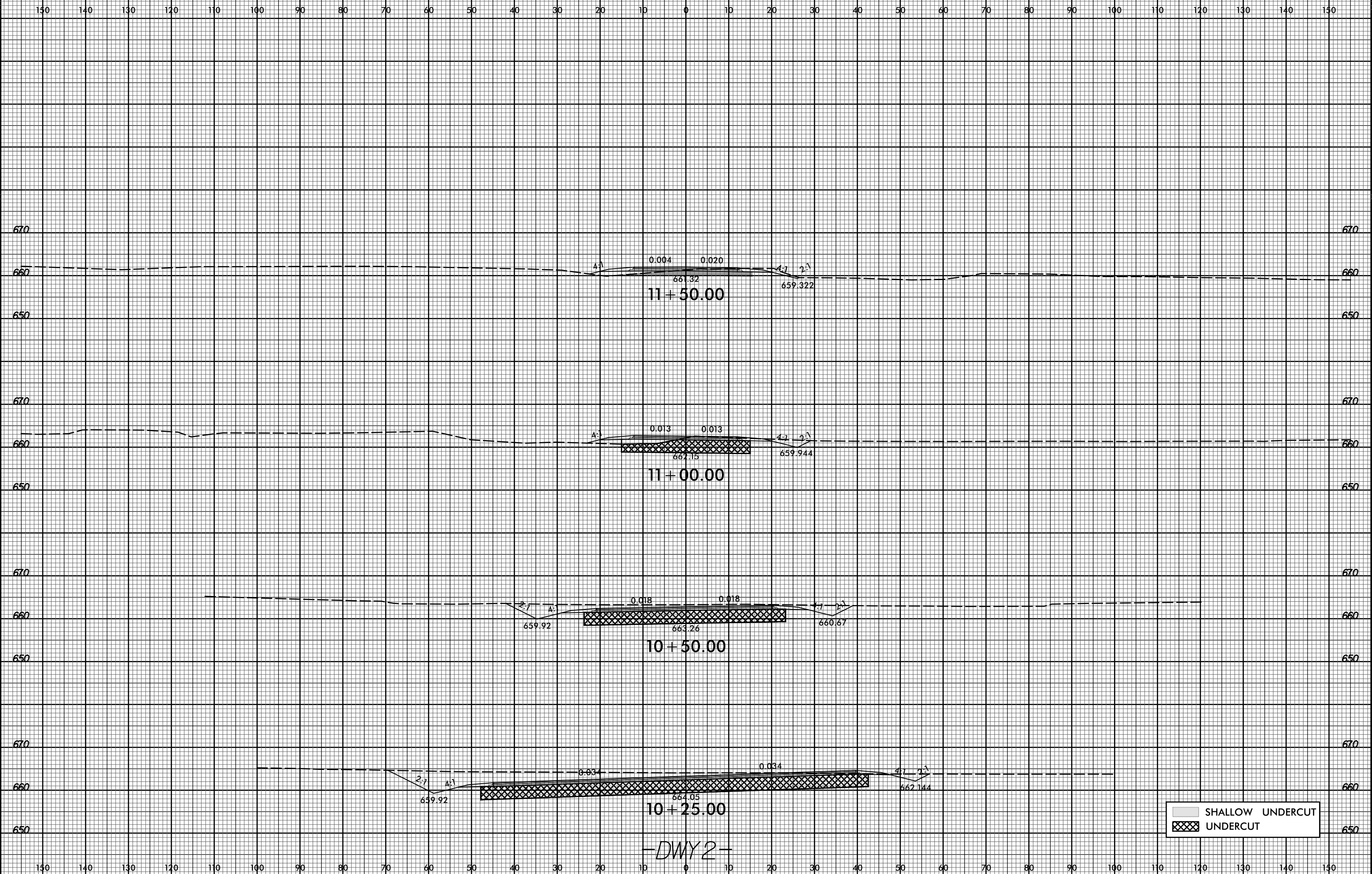
4:1 647.80 647.79 4:1
0.020 0.020
645.78
11+02.25

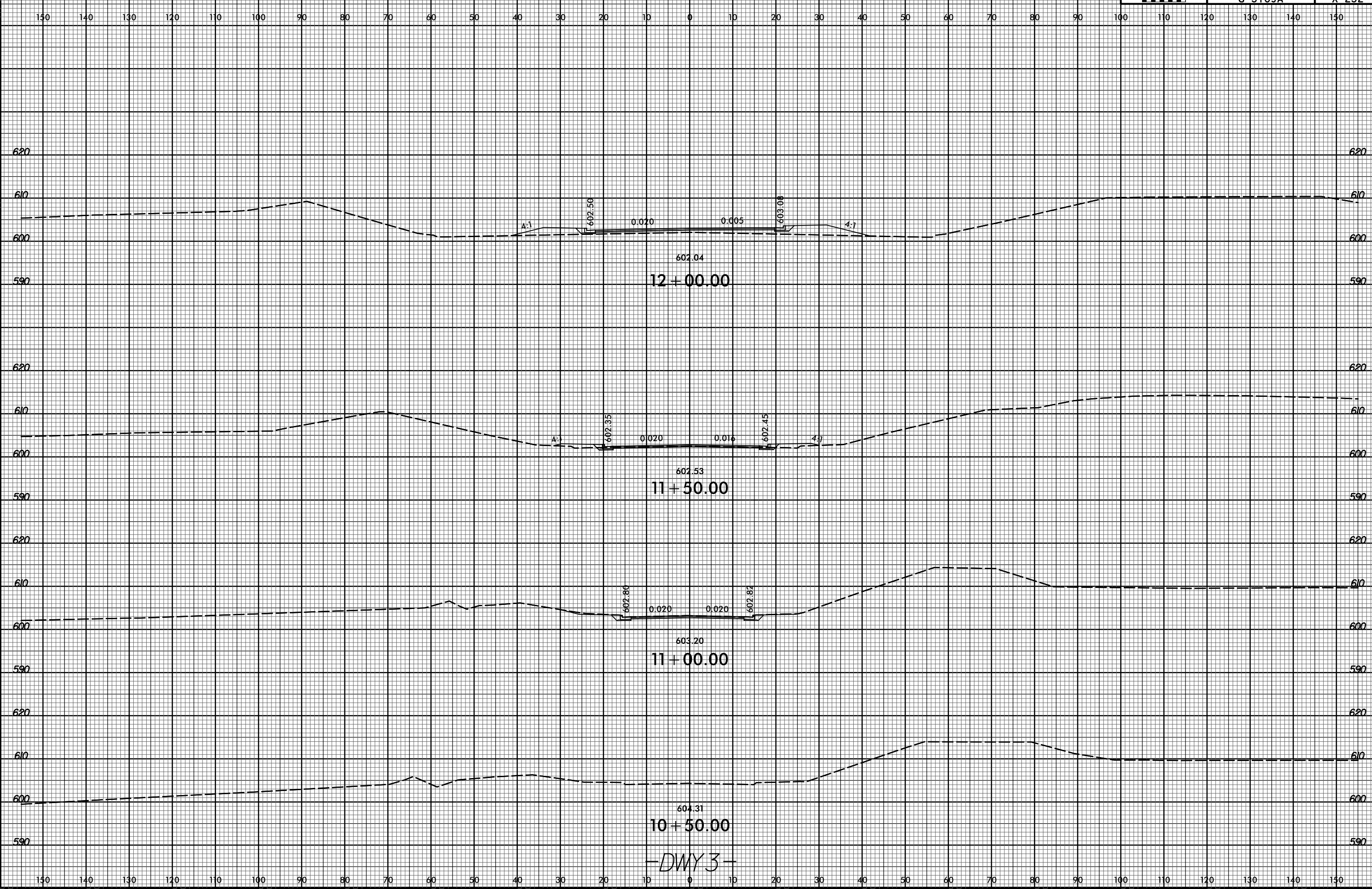
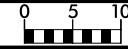
3:1 648.56 648.89 4:1
0.020 0.020
645.16
10+50.00

3:1 649.81 649.81 4:1
0.020 0.020
644.05
10+12.00

-DWYI-

07-MAR-2017 08:36
R:\PROJECTS\3109A\3109A_Rdy-xpl-DWY1.dgn
\$\$\$\$\$USERNAME\$\$\$\$\$



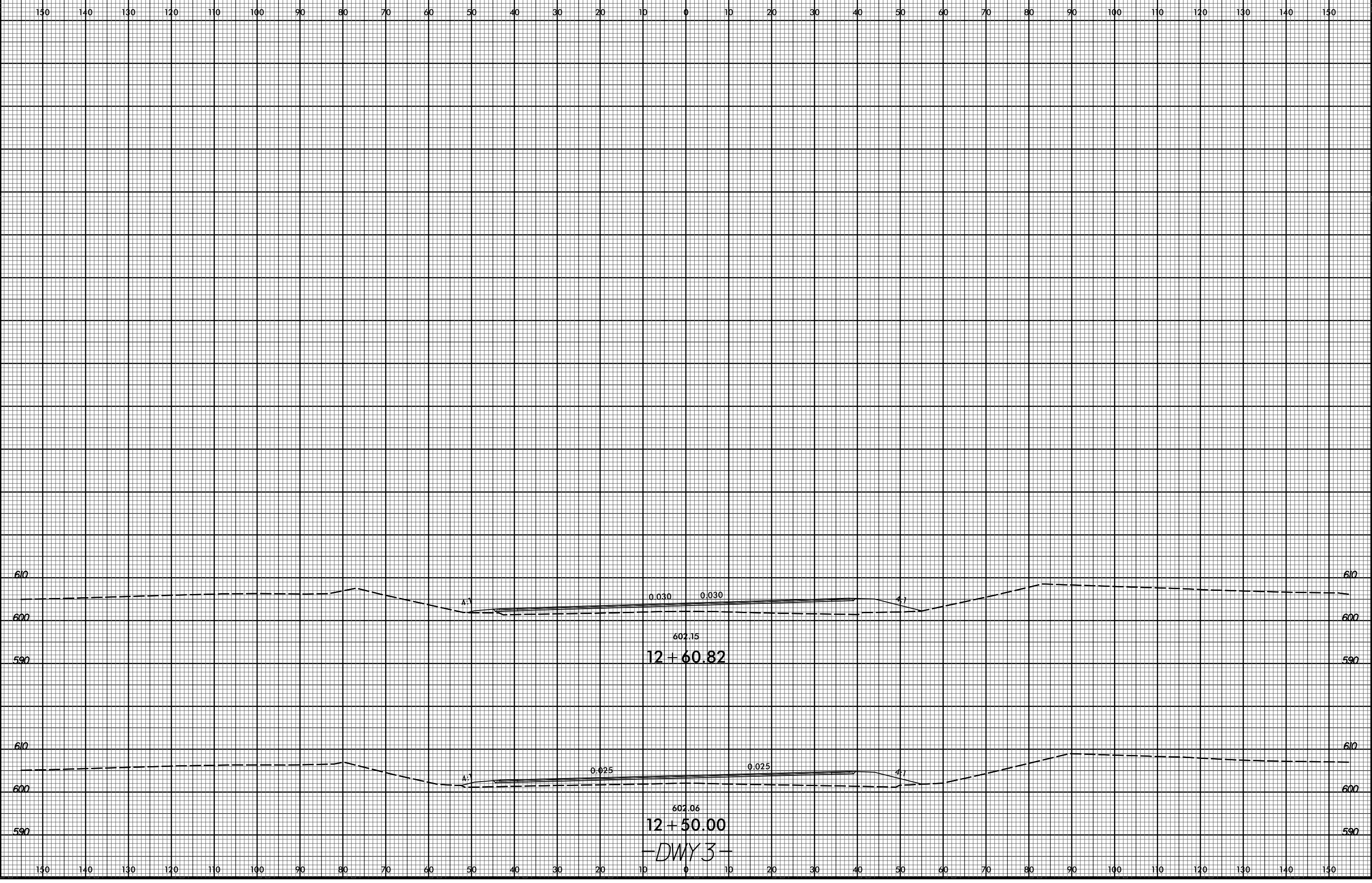


-DWY 3-

6/23/16



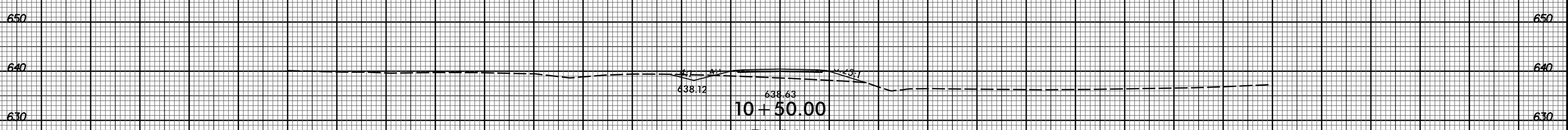
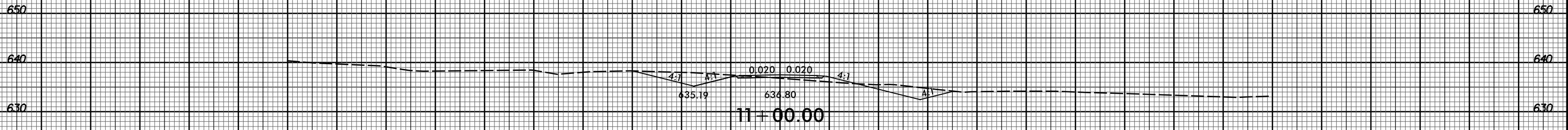
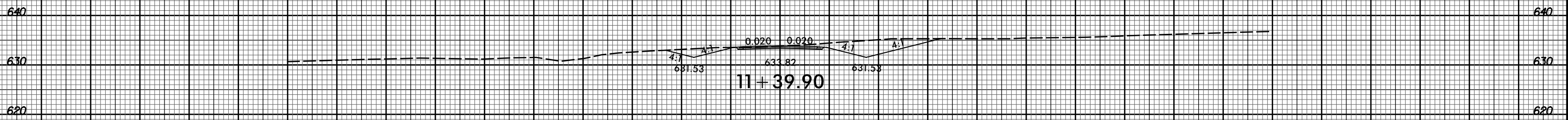
| | |
|---------------------|-----------|
| PROJ. REFERENCE NO. | SHEET NO. |
| U-3109A | X-233 |



07-MAR-2017 08:39
 R:\GIS\WORK\X\3109A_Frdy-xp1-DWY3.dgn
 \$\$\$USERNAME\$\$\$

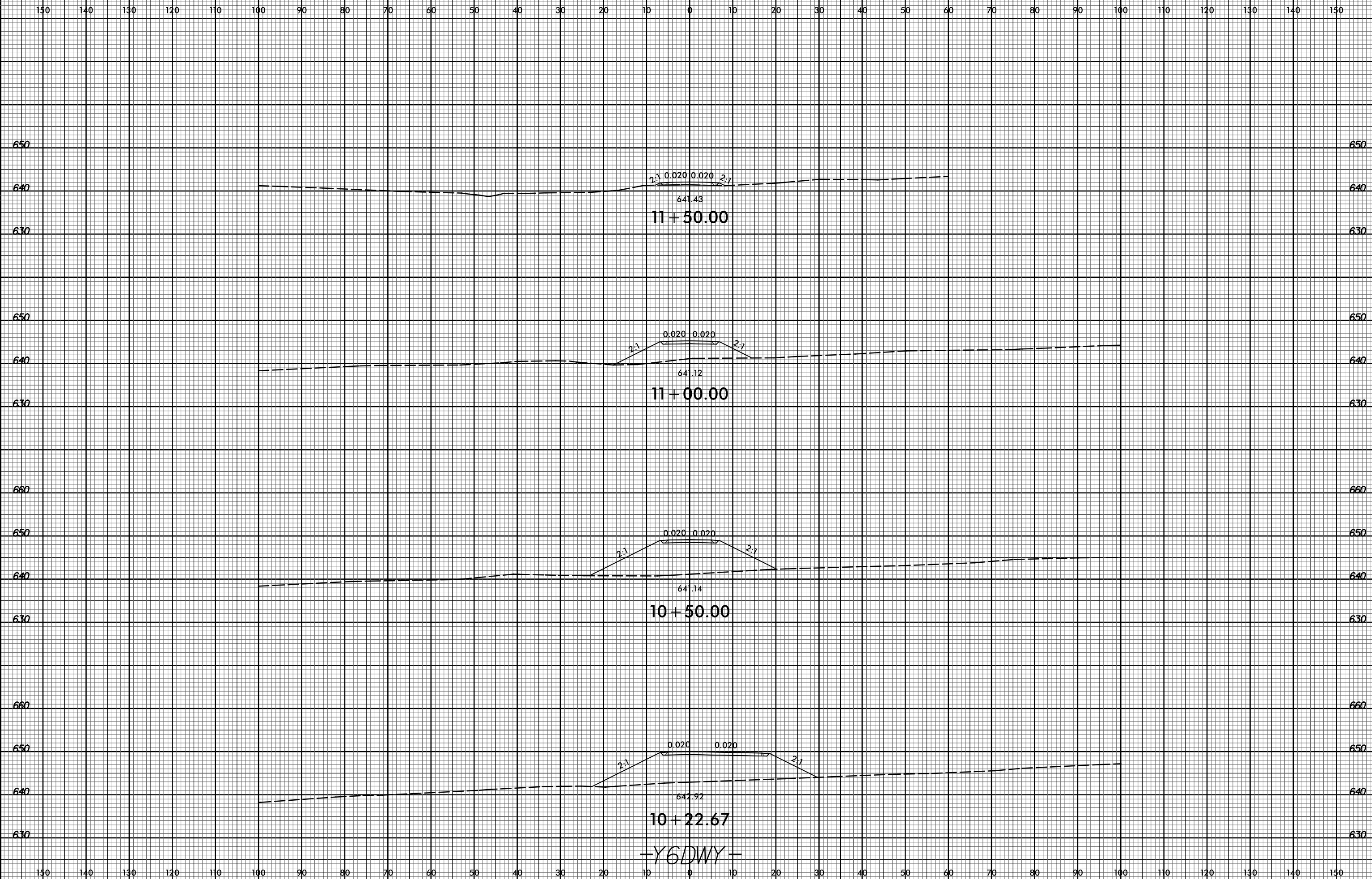


150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

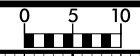


-DWY 4-

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



-Y6DWY-



150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

650
640
630

650
640
630

0.020 0.020

641.03

11+74.47

-Y6DWY-

150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150