| PROJ. REFERENCE NO. | SHEET NO. |
|---|---|
| R-5185 | X-0A |

# STATE OF NORTH CAROLINA
# DIVISION OF HIGHWAYS

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

## *CROSS-SECTION SUMMARY*

| Station L-LT | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 9+00.00 | 0 | 0 |
| 9+50.00 | 13 | 12 |
| 10+00.00 | 16 | 15 |
| 10+50.00 | 8 | 19 |
| 11+00.00 | 11 | 20 |
| 11+50.00 | 48 | 10 |
| 11+68.00 | 15 | 0 |
| 11+82.00 | 1 | 0 |
| 12+00.00 | 7 | 0 |
| 12+50.00 | 22 | 7 |
| 13+00.00 | 12 | 15 |
| 13+50.00 | 10 | 18 |
| 14+00.00 | 6 | 12 |
| 14+50.00 | 7 | 4 |
| 15+00.00 | 11 | 6 |
| 15+50.00 | 9 | 4 |
| 16+00.00 | 6 | 0 |
| 16+50.00 | 5 | 0 |
| 17+00.00 | 7 | 42 |
| 17+50.00 | 11 | 80 |
| 17+70.00 | 4 | 15 |
| 18+00.00 | 6 | 26 |
| 18+50.00 | 11 | 90 |
| 19+00.00 | 9 | 105 |
| 19+50.00 | 6 | 119 |
| 20+00.00 | 4 | 135 |
| 20+50.00 | 6 | 145 |
| 21+00.00 | 5 | 153 |
| 21+50.00 | 4 | 192 |
| 21+65.00 | 1 | 62 |
| 22+00.00 | 8 | 139 |
| 22+50.00 | 11 | 228 |
| 23+00.00 | 10 | 194 |
| 23+50.00 | 20 | 134 |
| 24+00.00 | 21 | 126 |
| 24+50.00 | 16 | 119 |
| 25+00.00 | 13 | 102 |
| 25+50.00 | 17 | 78 |
| 26+00.00 | 10 | 38 |
| 26+50.00 | 2 | 7 |
| 26+70.00 | 2 | 2 |
| 27+00.00 | 4 | 2 |
| 27+50.00 | 63 | 22 |
| 28+00.00 | 111 | 41 |
| 28+50.00 | 99 | 47 |
| 29+00.00 | 91 | 58 |
| 29+50.00 | 82 | 72 |
| 30+00.00 | 67 | 91 |
| 30+50.00 | 63 | 107 |
| 31+00.00 | 59 | 134 |
| 31+16.00 | 8 | 38 |
| 31+50.00 | 0 | 132 |
| 31+64.00 | 0 | 89 |

| Station L-LT | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 32+00.00 | 0 | 256 |
| 32+50.00 | 0 | 349 |
| 33+00.00 | 0 | 306 |
| 33+50.00 | 0 | 293 |
| 34+00.00 | 0 | 290 |
| 34+50.00 | 0 | 260 |
| 35+00.00 | 0 | 231 |
| 35+50.00 | 0 | 179 |
| 36+00.00 | 0 | 162 |
| 36+50.00 | 0 | 195 |
| 37+00.00 | 0 | 180 |
| 37+50.00 | 0 | 142 |
| 38+00.00 | 1 | 111 |
| 38+50.00 | 3 | 102 |

| Station L-LT | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 38+50.00 | 0 | 0 |
| 39+00.00 | 3 | 56 |
| 39+50.00 | 6 | 29 |
| 40+00.00 | 9 | 47 |
| 40+50.00 | 8 | 53 |
| 41+00.00 | 7 | 47 |
| 41+50.00 | 6 | 38 |
| 42+00.00 | 6 | 43 |
| 42+50.00 | 14 | 49 |
| 43+00.00 | 14 | 54 |
| 43+50.00 | 4 | 55 |
| 44+00.00 | 4 | 48 |
| 44+50.00 | 7 | 20 |
| 44+78.00 | 3 | 0 |
| 45+50.00 | 3 | 9 |
| 46+00.00 | 6 | 20 |
| 46+50.00 | 7 | 22 |
| 47+00.00 | 4 | 29 |
| 47+50.00 | 1 | 49 |
| 48+00.00 | 0 | 51 |
| 48+50.00 | 0 | 20 |
| 49+00.00 | 1 | 16 |
| 49+50.00 | 4 | 29 |
| 50+00.00 | 5 | 23 |
| 50+50.00 | 6 | 21 |
| 51+00.00 | 5 | 22 |
| 51+50.00 | 5 | 22 |
| 52+00.00 | 2 | 11 |
| 53+00.00 | 0 | 18 |
| 53+50.00 | 0 | 41 |
| 54+00.00 | 0 | 59 |
| 54+50.00 | 0 | 72 |
| 55+00.00 | 0 | 81 |
| 55+50.00 | 0 | 79 |
| 56+00.00 | 0 | 34 |

| Station L-LT | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 56+50.00 | 0 | 36 |

| Station L-LT | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 60+00.00 | 0 | 0 |
| 61+00.00 | 2 | 0 |
| 61+50.00 | 10 | 0 |
| 62+00.00 | 9 | 0 |
| 63+50.00 | 0 | 0 |
| 64+00.00 | 0 | 1 |
| 64+50.00 | 0 | 2 |
| 65+00.00 | 0 | 3 |

| Station L-RT | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 9+00.00 | 0 | 0 |
| 9+50.00 | 14 | 20 |
| 10+00.00 | 16 | 27 |
| 10+50.00 | 20 | 34 |
| 11+00.00 | 18 | 42 |
| 11+50.00 | 14 | 44 |
| 11+68.00 | 3 | 8 |
| 11+82.00 | 1 | 0 |
| 12+00.00 | 1 | 0 |
| 12+50.00 | 7 | 22 |
| 13+00.00 | 14 | 48 |
| 13+50.00 | 13 | 78 |
| 14+00.00 | 11 | 115 |
| 14+50.00 | 13 | 116 |
| 15+00.00 | 19 | 105 |
| 15+50.00 | 20 | 104 |
| 16+00.00 | 9 | 54 |
| 16+50.00 | 2 | 67 |
| 17+00.00 | 2 | 126 |
| 17+50.00 | 0 | 112 |
| 17+70.00 | 0 | 40 |
| 18+00.00 | 0 | 67 |
| 18+50.00 | 0 | 159 |
| 19+00.00 | 0 | 190 |
| 19+50.00 | 0 | 224 |
| 20+00.00 | 0 | 256 |
| 20+50.00 | 0 | 305 |
| 21+00.00 | 0 | 515 |
| 21+50.00 | 0 | 692 |
| 21+65.00 | 0 | 205 |
| 22+00.00 | 0 | 438 |
| 22+50.00 | 0 | 610 |
| 23+00.00 | 0 | 591 |
| 23+50.00 | 0 | 585 |
| 24+00.00 | 0 | 600 |
| 24+50.00 | 0 | 570 |

| Station L-RT | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 25+00.00 | 0 | 472 |
| 25+50.00 | 0 | 311 |
| 26+00.00 | 0 | 164 |
| 26+50.00 | 0 | 91 |
| 26+70.00 | 0 | 29 |
| 27+00.00 | 0 | 46 |
| 27+50.00 | 0 | 157 |
| 28+00.00 | 0 | 256 |
| 28+50.00 | 0 | 317 |
| 29+00.00 | 0 | 354 |
| 29+50.00 | 0 | 386 |
| 30+00.00 | 0 | 498 |
| 30+50.00 | 0 | 625 |
| 31+00.00 | 0 | 658 |
| 31+16.00 | 0 | 210 |
| 31+50.00 | 0 | 457 |
| 31+64.00 | 0 | 192 |
| 32+00.00 | 0 | 452 |
| 32+50.00 | 0 | 537 |
| 33+00.00 | 0 | 498 |
| 33+50.00 | 0 | 484 |
| 34+00.00 | 0 | 462 |
| 34+50.00 | 0 | 434 |
| 35+00.00 | 0 | 407 |
| 35+50.00 | 0 | 384 |
| 36+00.00 | 0 | 347 |
| 36+50.00 | 0 | 309 |
| 37+00.00 | 0 | 207 |
| 37+50.00 | 4 | 89 |
| 38+00.00 | 16 | 48 |
| 38+50.00 | 27 | 30 |

| Station L-RT | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 38+50.00 | 0 | 0 |
| 39+00.00 | 37 | 18 |
| 39+50.00 | 38 | 15 |
| 40+00.00 | 66 | 16 |
| 40+50.00 | 61 | 48 |
| 41+00.00 | 10 | 89 |
| 41+50.00 | 0 | 107 |
| 42+00.00 | 0 | 142 |
| 42+50.00 | 0 | 194 |
| 43+00.00 | 0 | 227 |
| 43+50.00 | 0 | 238 |
| 44+00.00 | 0 | 247 |
| 44+50.00 | 0 | 167 |
| 44+78.00 | 0 | 44 |
| 45+00.00 | 0 | 32 |
| 45+50.00 | 0 | 115 |
| 46+00.00 | 0 | 135 |
| 46+50.00 | 0 | 76 |

| Station L-RT | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 47+00.00 | 0 | 51 |
| 47+50.00 | 1 | 68 |
| 48+00.00 | 1 | 80 |
| 48+50.00 | 2 | 89 |
| 49+00.00 | 3 | 107 |
| 49+50.00 | 1 | 94 |
| 50+00.00 | 0 | 99 |
| 50+50.00 | 0 | 177 |
| 51+00.00 | 0 | 284 |
| 51+50.00 | 0 | 371 |
| 52+00.00 | 0 | 416 |
| 52+50.00 | 0 | 244 |
| 53+00.00 | 0 | 195 |
| 53+50.00 | 0 | 290 |
| 54+00.00 | 0 | 213 |
| 54+50.00 | 0 | 161 |
| 55+00.00 | 0 | 191 |
| 55+50.00 | 0 | 188 |
| 56+00.00 | 0 | 101 |
| 56+50.00 | 1 | 54 |

| Station Y1 | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 10+50.00 | 0 | 0 |
| 11+00.00 | 59 | 25 |
| 11+50.00 | 83 | 22 |
| 12+00.00 | 90 | 18 |
| 12+50.00 | 55 | 73 |

| Station Y3 | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 10+90.16 | 0 | 0 |
| 11+00.00 | 7 | 23 |
| 11+50.00 | 14 | 134 |
| 12+00.00 | 5 | 126 |

| Station Y5 | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 10+50.00 | 0 | 0 |
| 11+00.00 | 0 | 315 |
| 11+50.00 | 61 | 57 |
| 12+00.00 | 178 | 1 |

| Station Y6 | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 11+50.00 | 0 | 0 |
| 12+00.00 | 7 | 10 |
| 13+00.00 | 1 | 7 |
| 13+50.00 | 7 | 3 |

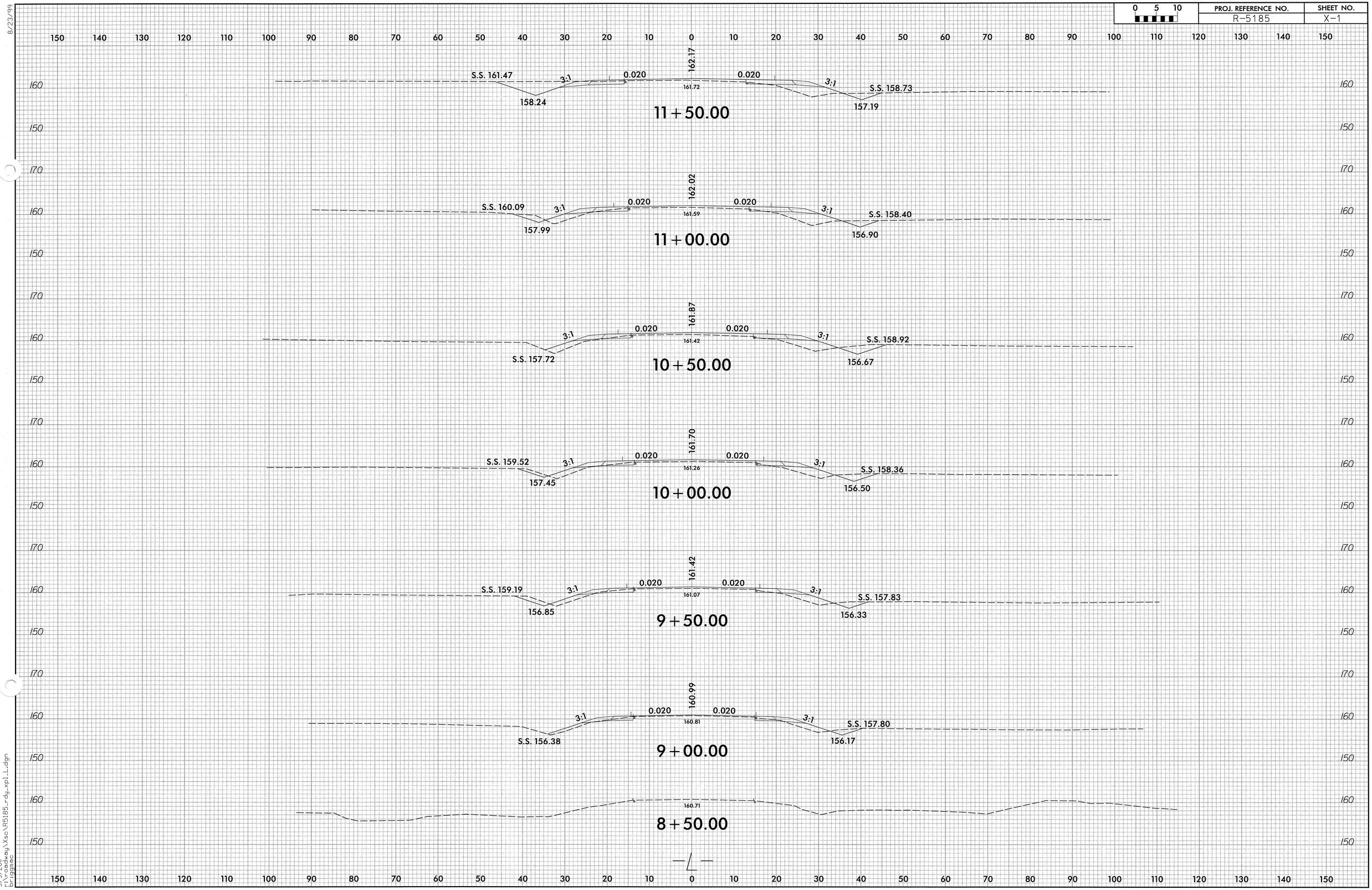
| Station Y6 | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 14+00.00 | 13 | 7 |
| 14+14.00 | 3 | 3 |
| 14+39.00 | 6 | 8 |
| 14+50.00 | 3 | 3 |

| Station Y7 | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 11+00.00 | 0 | 0 |
| 11+50.00 | 16 | 9 |
| 12+00.00 | 11 | 11 |
| 12+50.00 | 11 | 4 |
| 13+00.00 | 14 | 5 |
| 13+50.00 | 15 | 7 |
| 14+00.00 | 11 | 9 |
| 14+50.00 | 6 | 5 |
| 15+00.00 | 8 | 0 |
| 15+50.00 | 16 | 0 |
| 16+00.00 | 16 | 0 |
| 16+50.00 | 15 | 0 |
| 17+00.00 | 8 | 0 |

| Station Y8 | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 11+00.00 | 0 | 0 |
| 11+50.00 | 16 | 1 |
| 12+00.00 | 9 | 0 |
| 12+50.00 | 4 | 13 |
| 13+00.00 | 7 | 24 |
| 13+50.00 | 13 | 17 |
| 14+00.00 | 24 | 10 |
| 14+50.00 | 28 | 10 |
| 15+00.00 | 31 | 9 |
| 15+50.00 | 37 | 5 |
| 16+00.00 | 44 | 2 |
| 16+50.00 | 54 | 0 |
| 17+00.00 | 58 | 0 |
| 17+50.00 | 39 | 0 |

| Station Y9 | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 10+50.00 | 0 | 0 |
| 11+00.00 | 252 | 0 |
| 11+50.00 | 190 | 0 |

| Station DR1 | Uncl. Exc. (cu. yd.) | Embt (cu. yd.) |
|---|---|---|
| 10+50.00 | 0 | 0 |
| 11+00.00 | 17 | 117 |



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PROJ. REFERENCE NO.
R-5185
SHEET NO.
X-1
8/23/99
11+50.00
S.S. 161.47
158.24
3:1
0.020
162.17
161.72
0.020
3:1
S.S. 158.73
157.19
11+00.00
S.S. 160.09
157.99
3:1
0.020
162.02
161.59
0.020
3:1
S.S. 158.40
156.90
10+50.00
S.S. 157.72
3:1
0.020
161.87
161.42
0.020
3:1
S.S. 158.92
156.67
10+00.00
S.S. 159.52
157.45
3:1
0.020
161.70
161.26
0.020
3:1
S.S. 158.36
156.50
9+50.00
S.S. 159.19
156.85
3:1
0.020
161.42
161.07
0.020
3:1
S.S. 157.83
156.33
9+00.00
S.S. 156.38
3:1
0.020
160.99
160.81
0.020
3:1
S.S. 157.80
156.17
8+50.00
160.71
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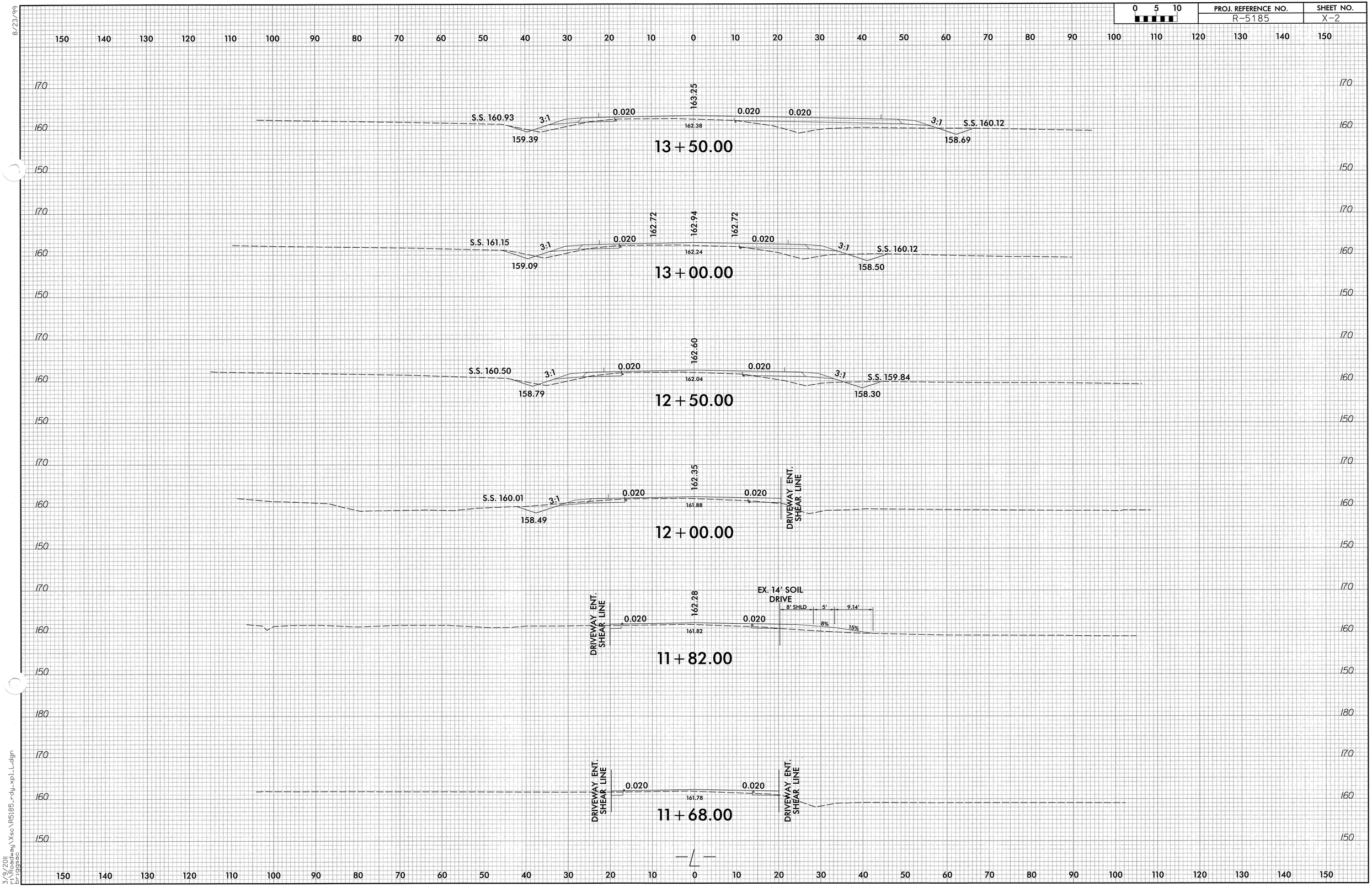

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PROJ. REFERENCE NO.
R-5185
SHEET NO.
X-2
8/23/99
13+50.00
S.S. 160.93
159.39
3:1
0.020
163.25
162.38
0.020
0.020
3:1
S.S. 160.12
158.69
13+00.00
S.S. 161.15
159.09
3:1
0.020
162.72
162.94
162.24
162.72
0.020
3:1
S.S. 160.12
158.50
12+50.00
S.S. 160.50
158.79
3:1
0.020
162.60
162.04
0.020
3:1
S.S. 159.84
158.30
12+00.00
S.S. 160.01
158.49
3:1
0.020
162.35
161.88
0.020
DRIVEWAY ENT. SHEAR LINE
11+82.00
DRIVEWAY ENT. SHEAR LINE
0.020
162.28
161.82
0.020
EX. 14' SOIL DRIVE
8' SHLD
5'
9.14'
8%
15%
11+68.00
DRIVEWAY ENT. SHEAR LINE
0.020
161.78
0.020
DRIVEWAY ENT. SHEAR LINE
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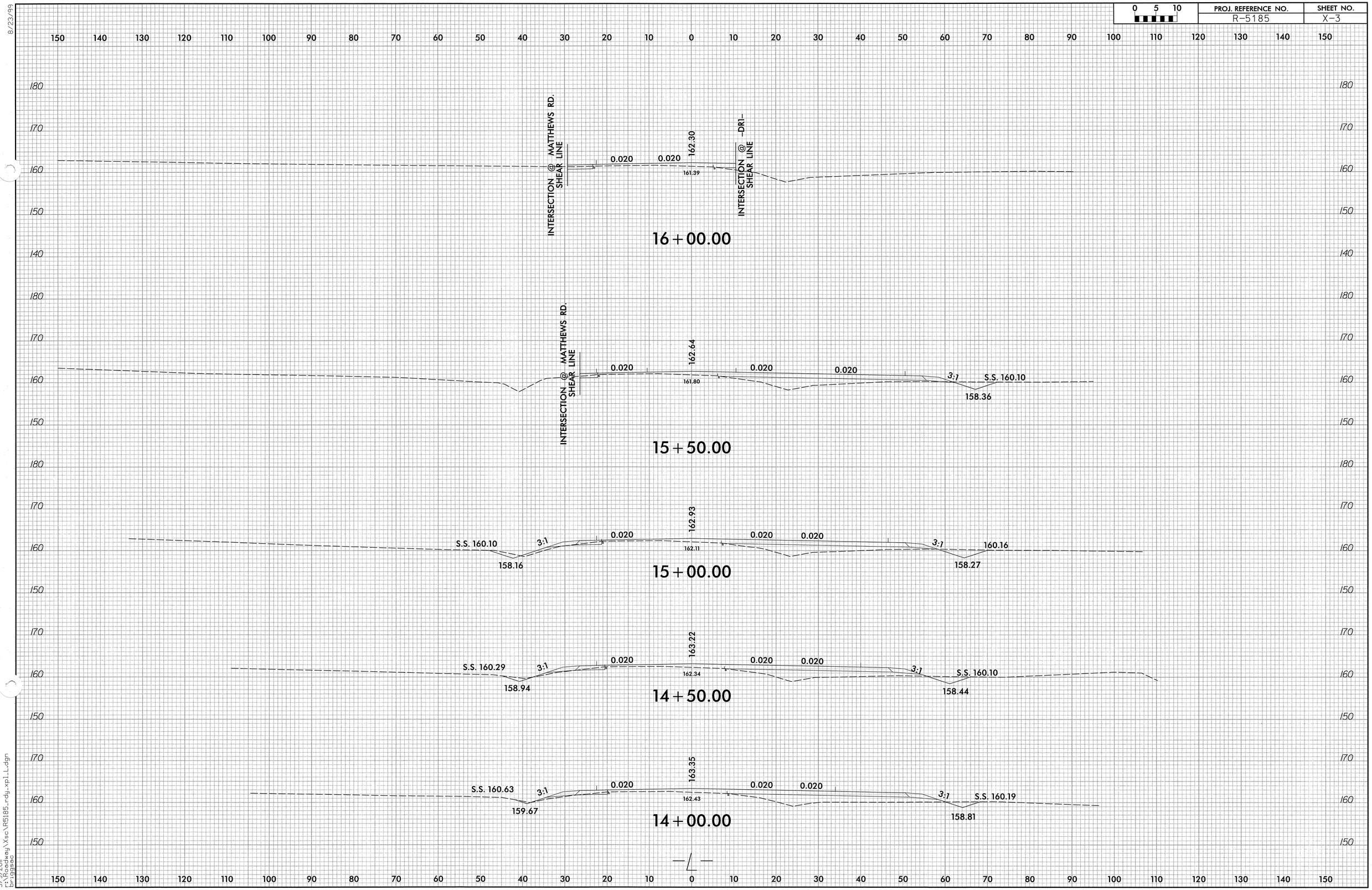
| PROJ. REFERENCE NO. | SHEET NO. |
|---|---|
| R-5185 | X-3 |

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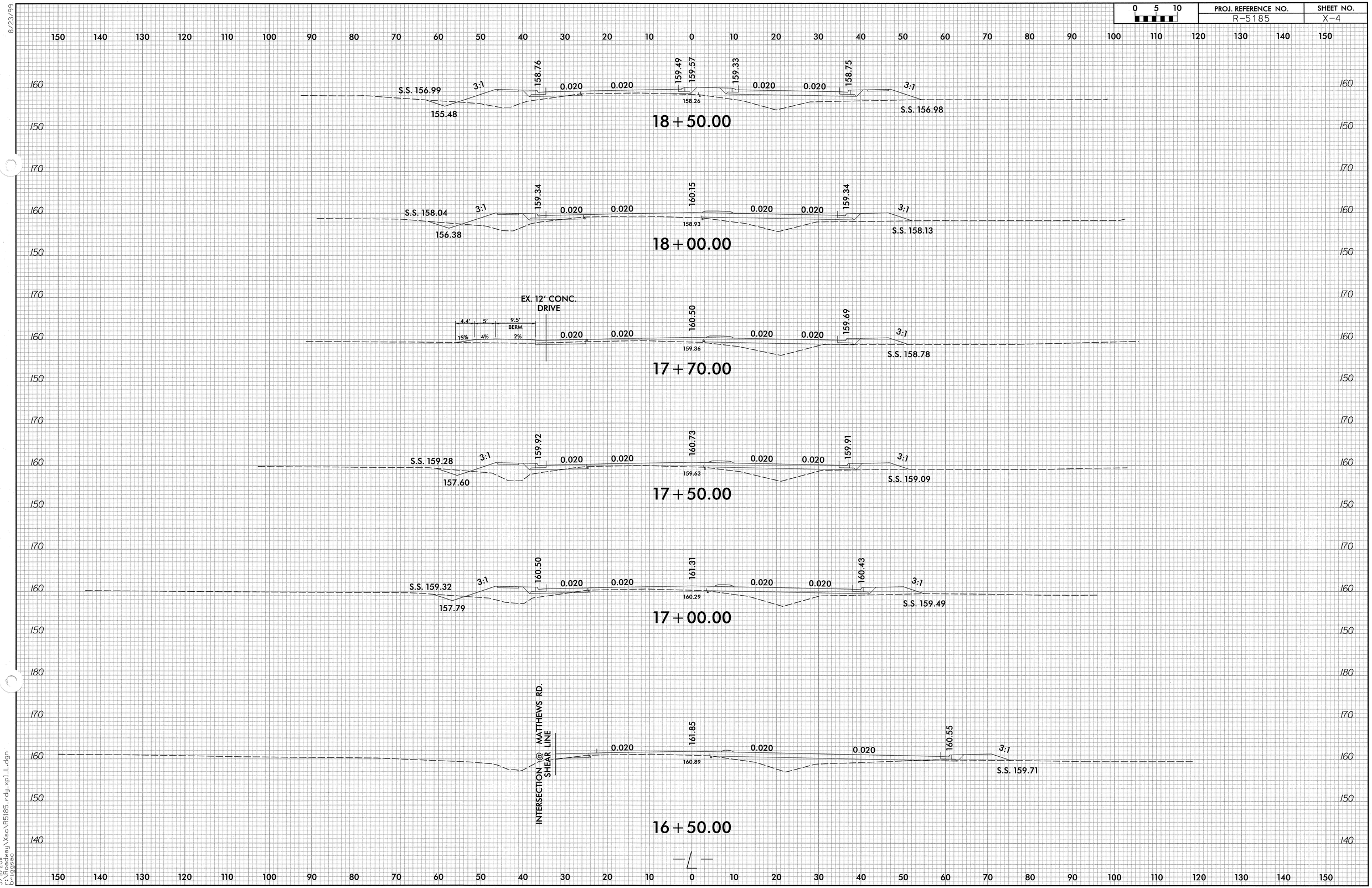


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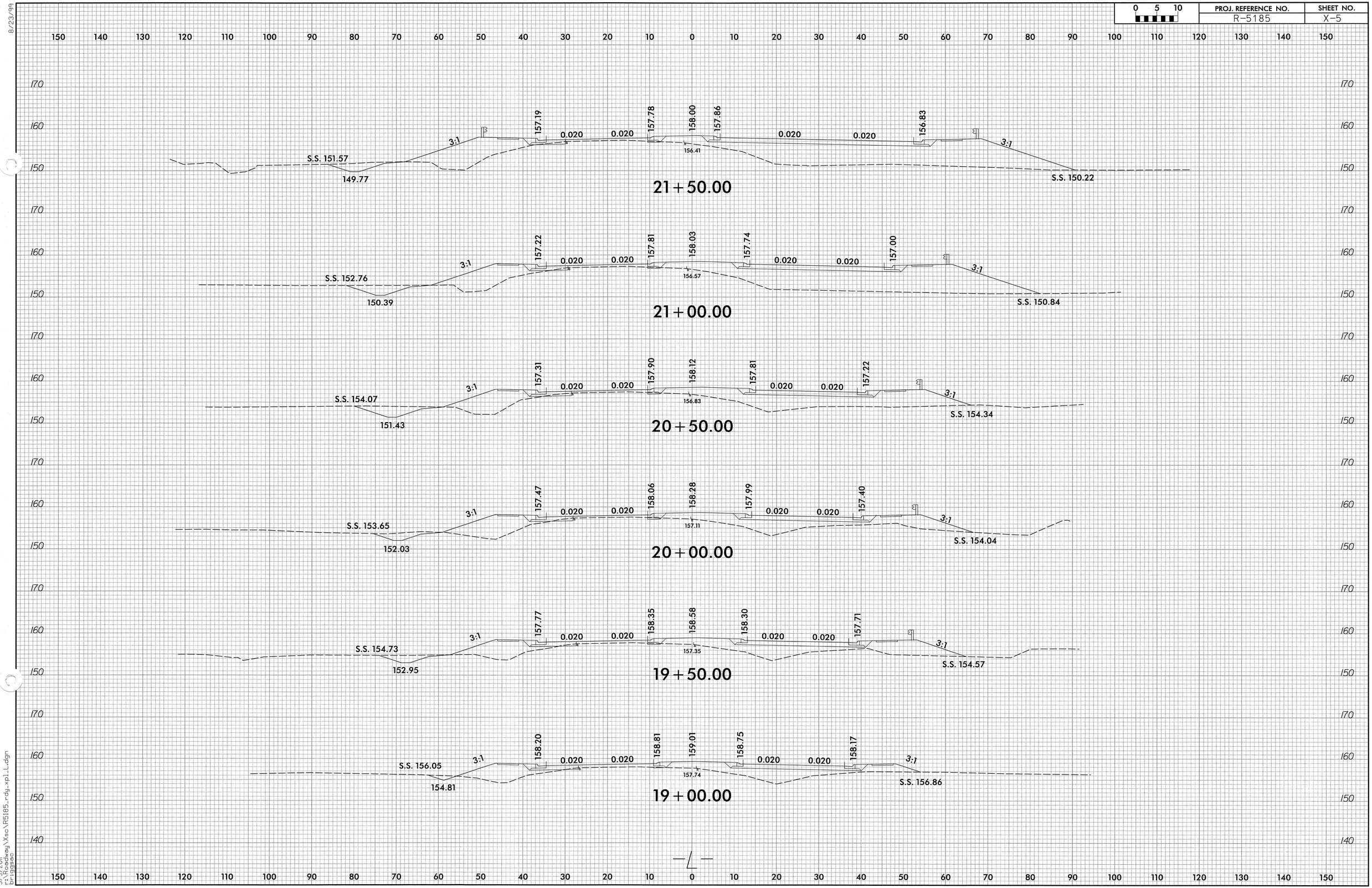
|---|---|---|
| | R-5185 | X-5 |

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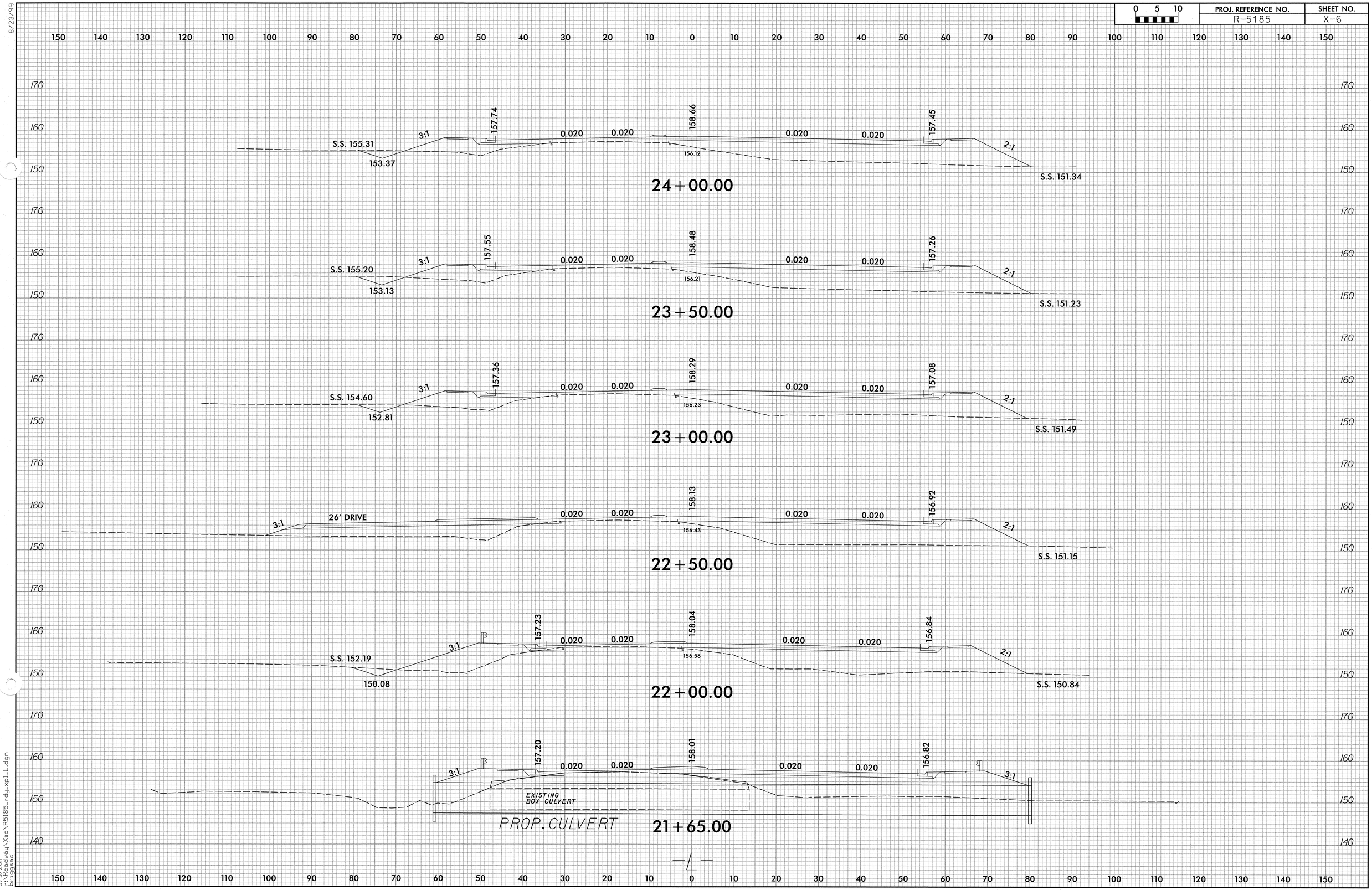
| R-5185 | X-6 |

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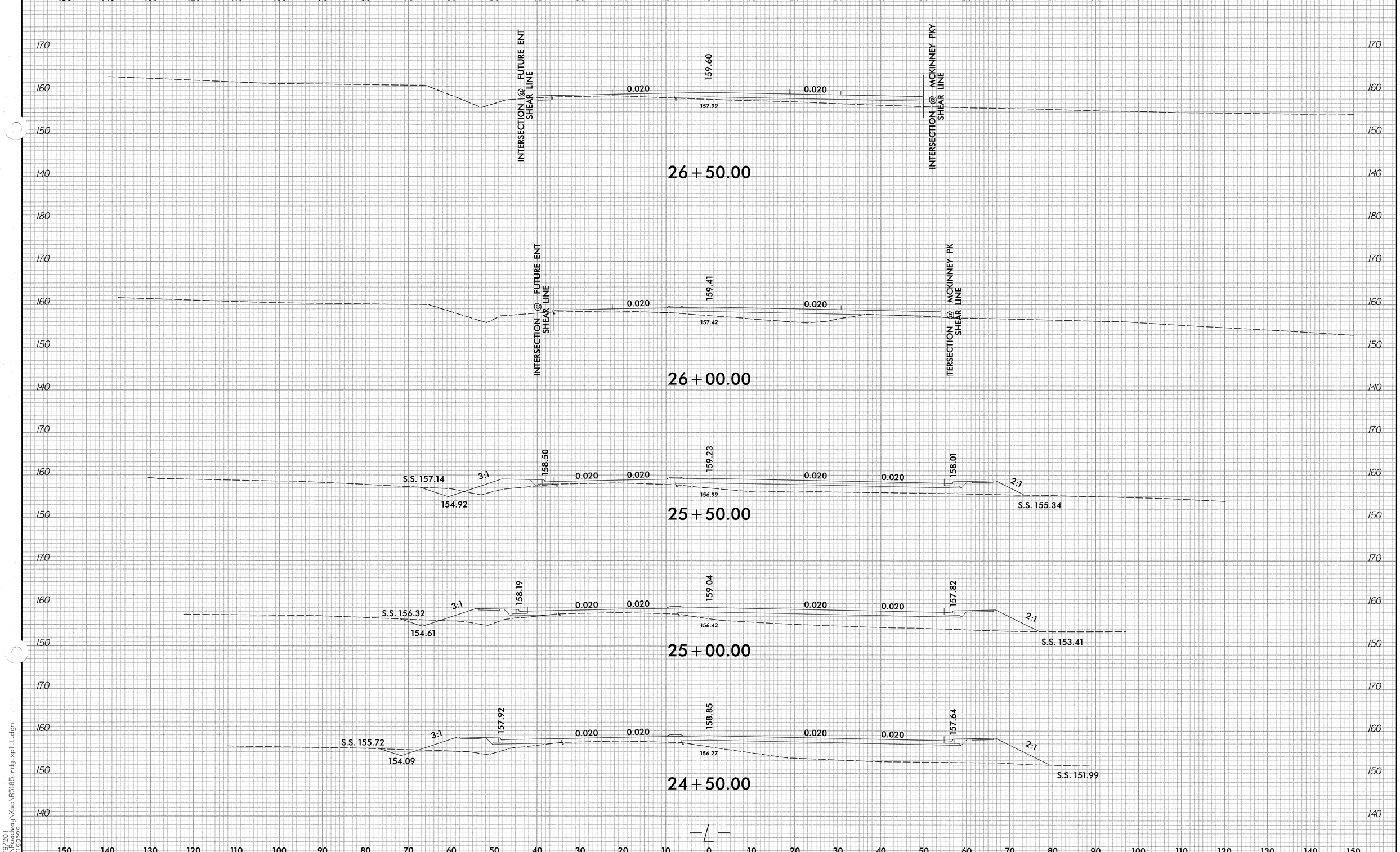
| | R-5185 | X-7 |

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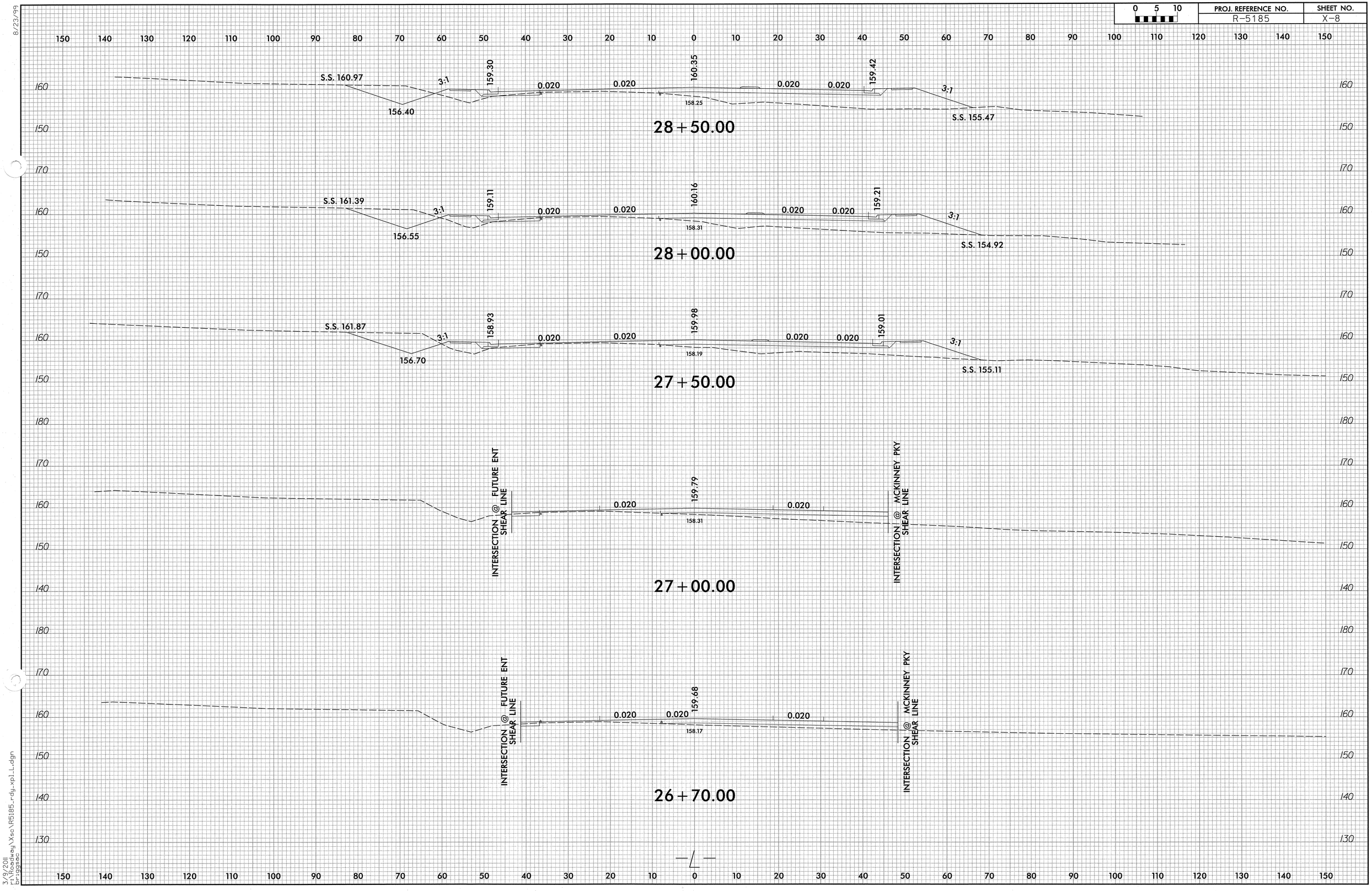
|---|---|---|
| | R-5185 | X-8 |

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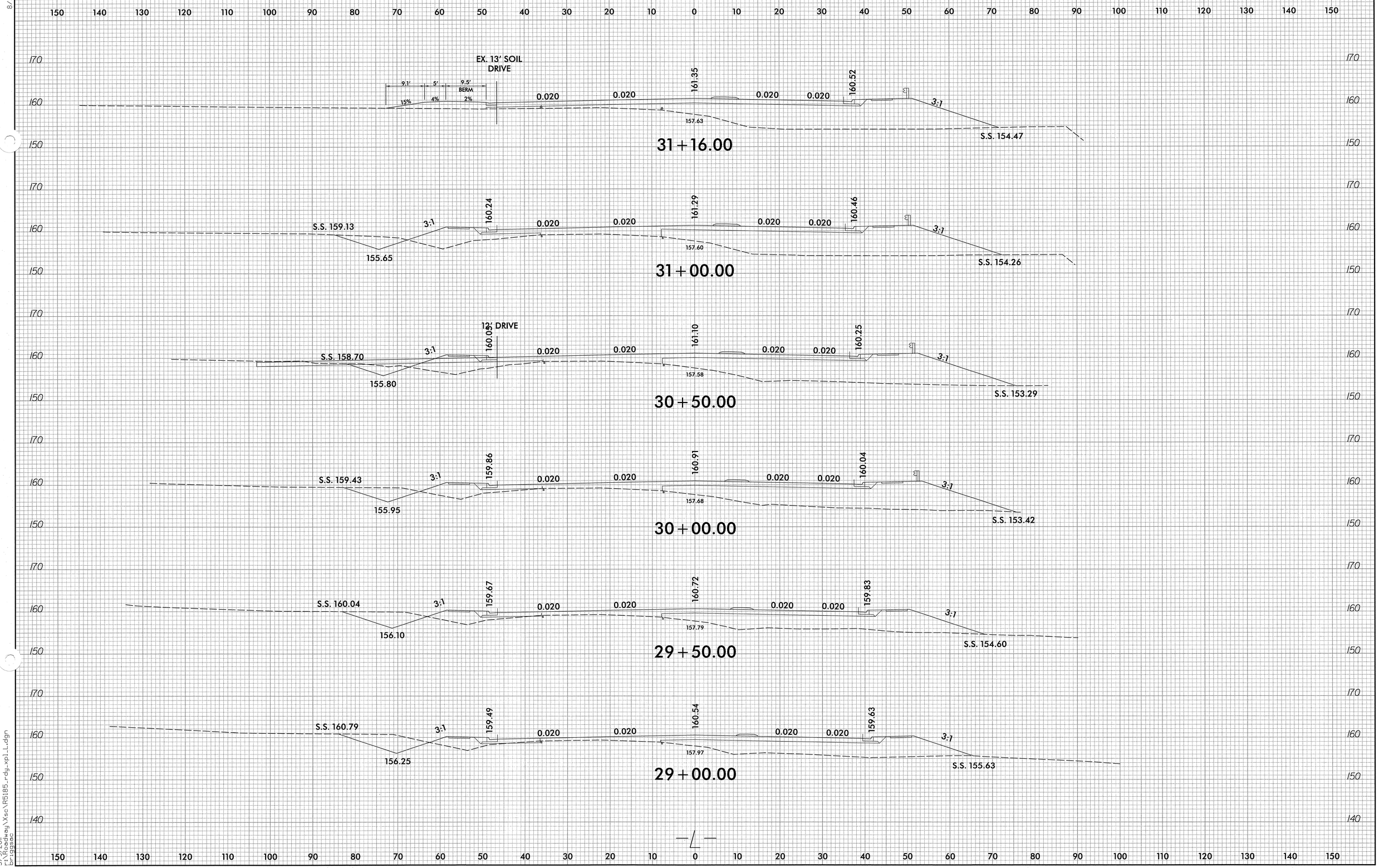
| R-5185 | X-9 |

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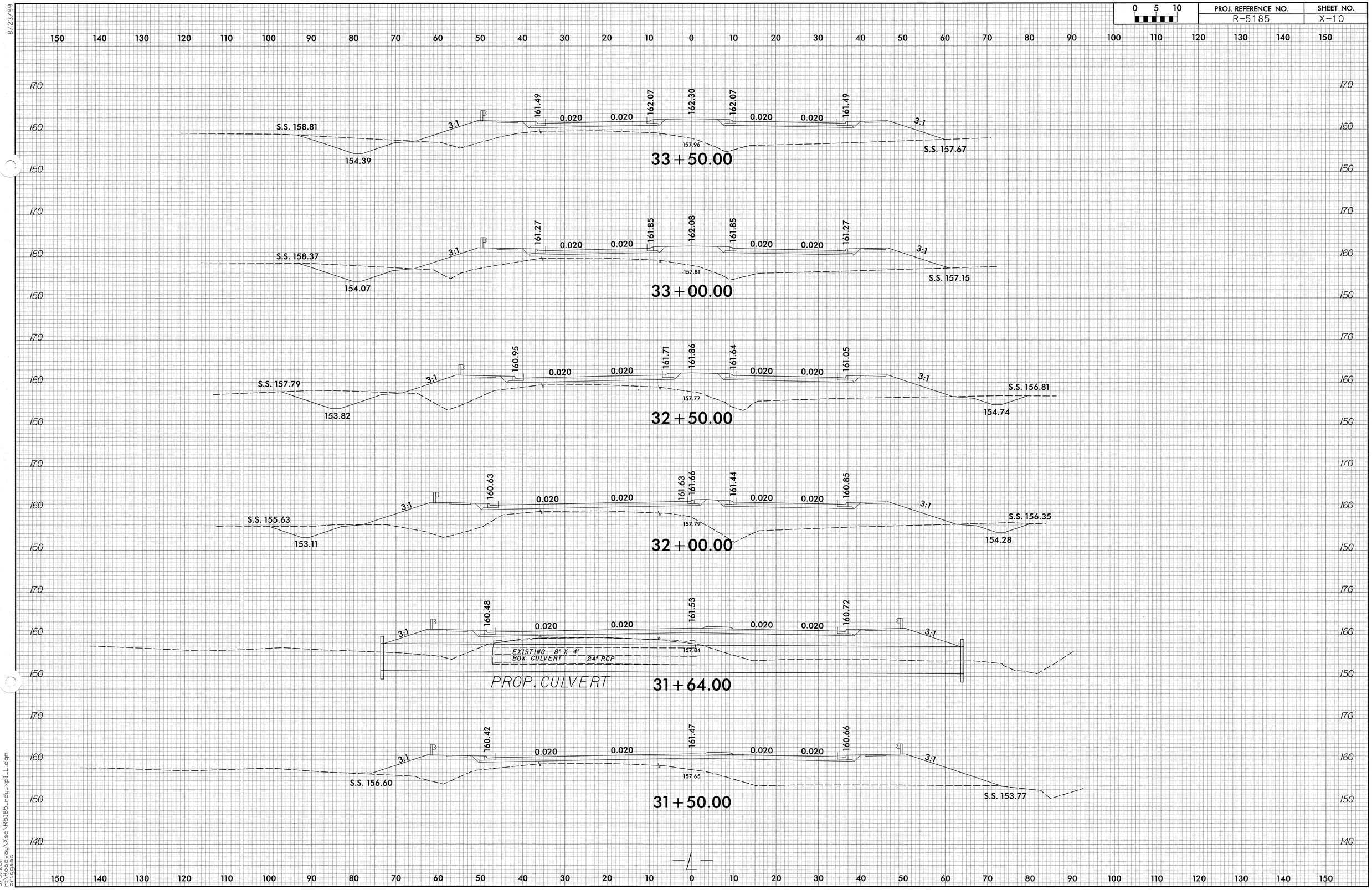
| R-5185 | X-10 |

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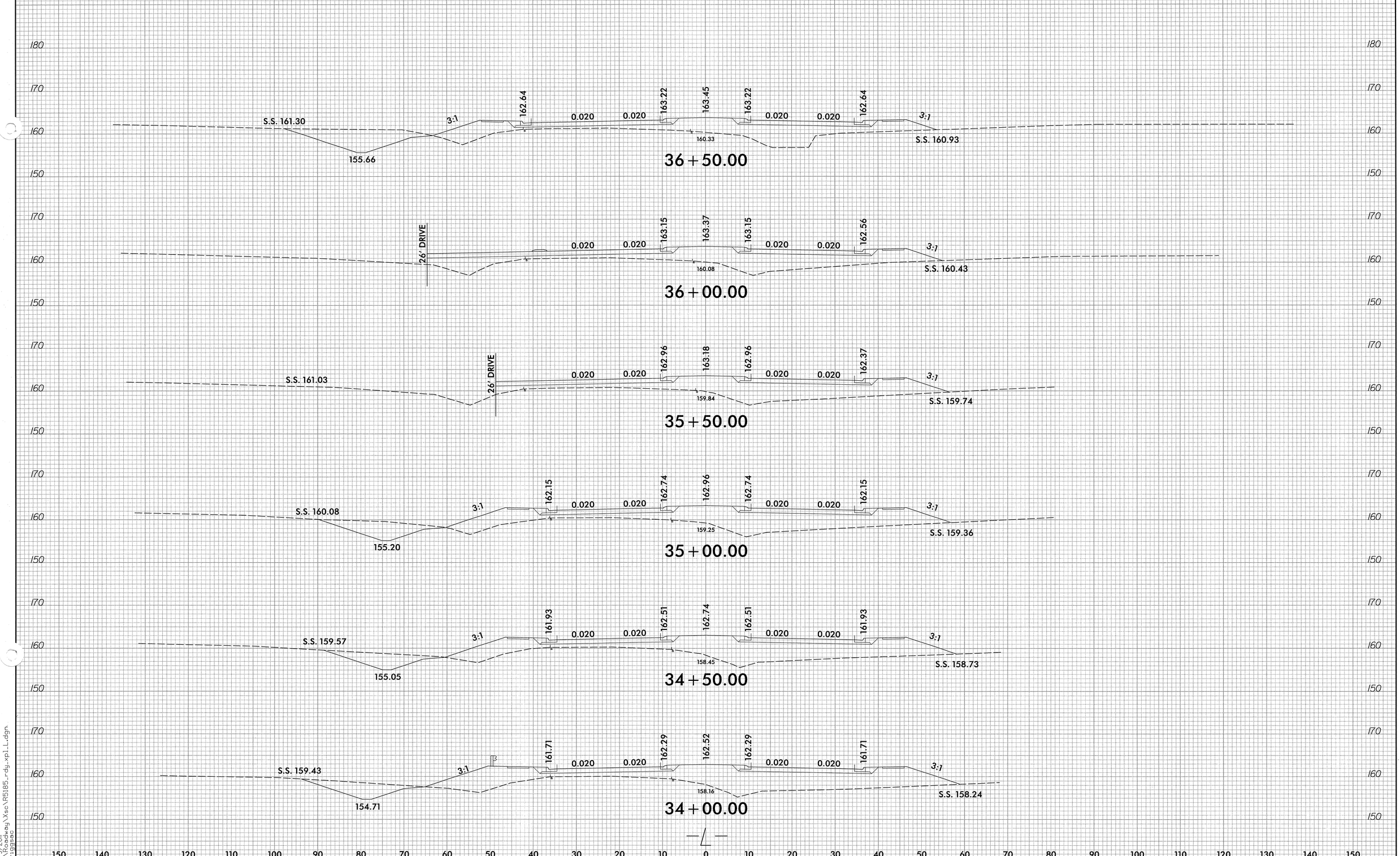


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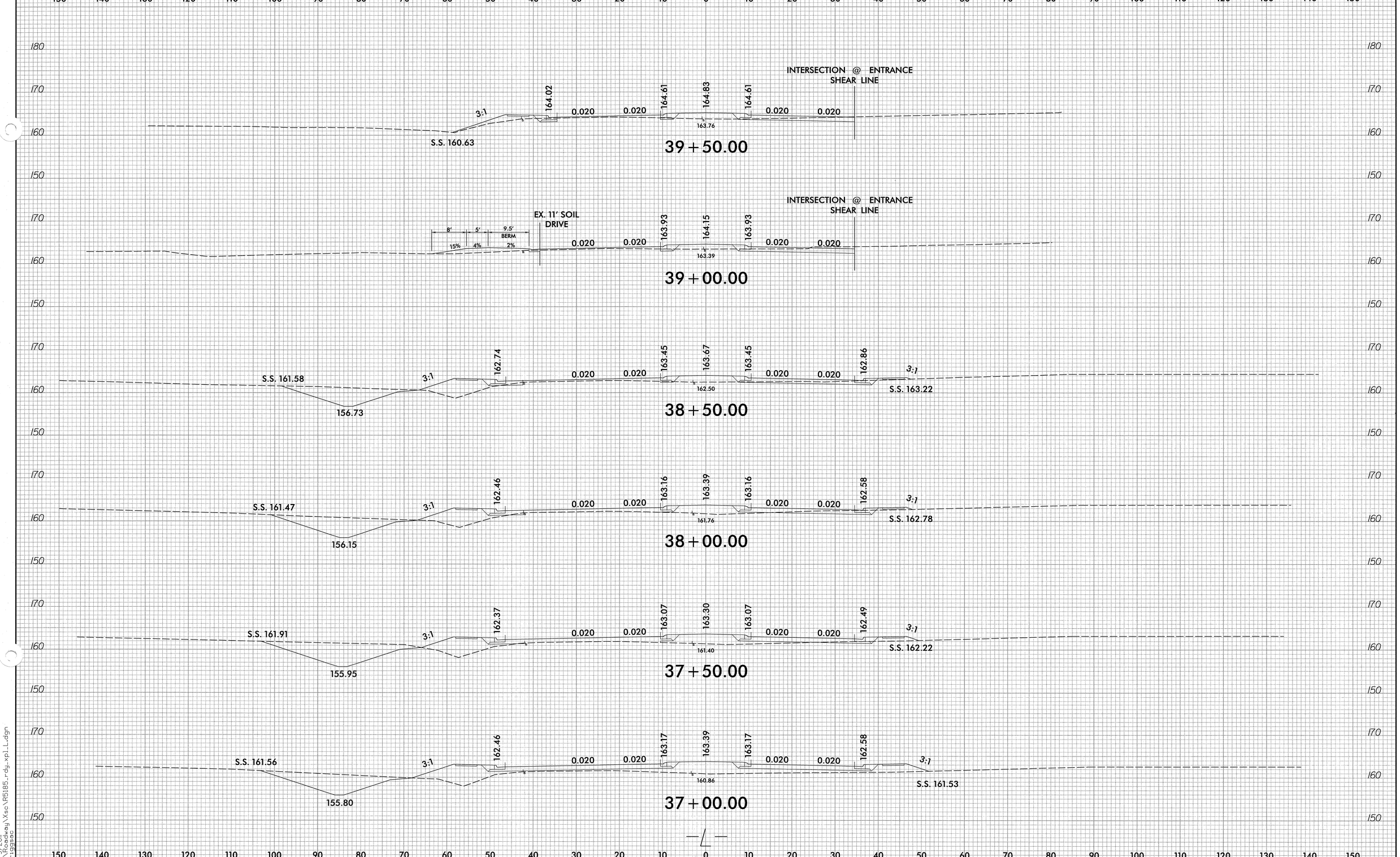


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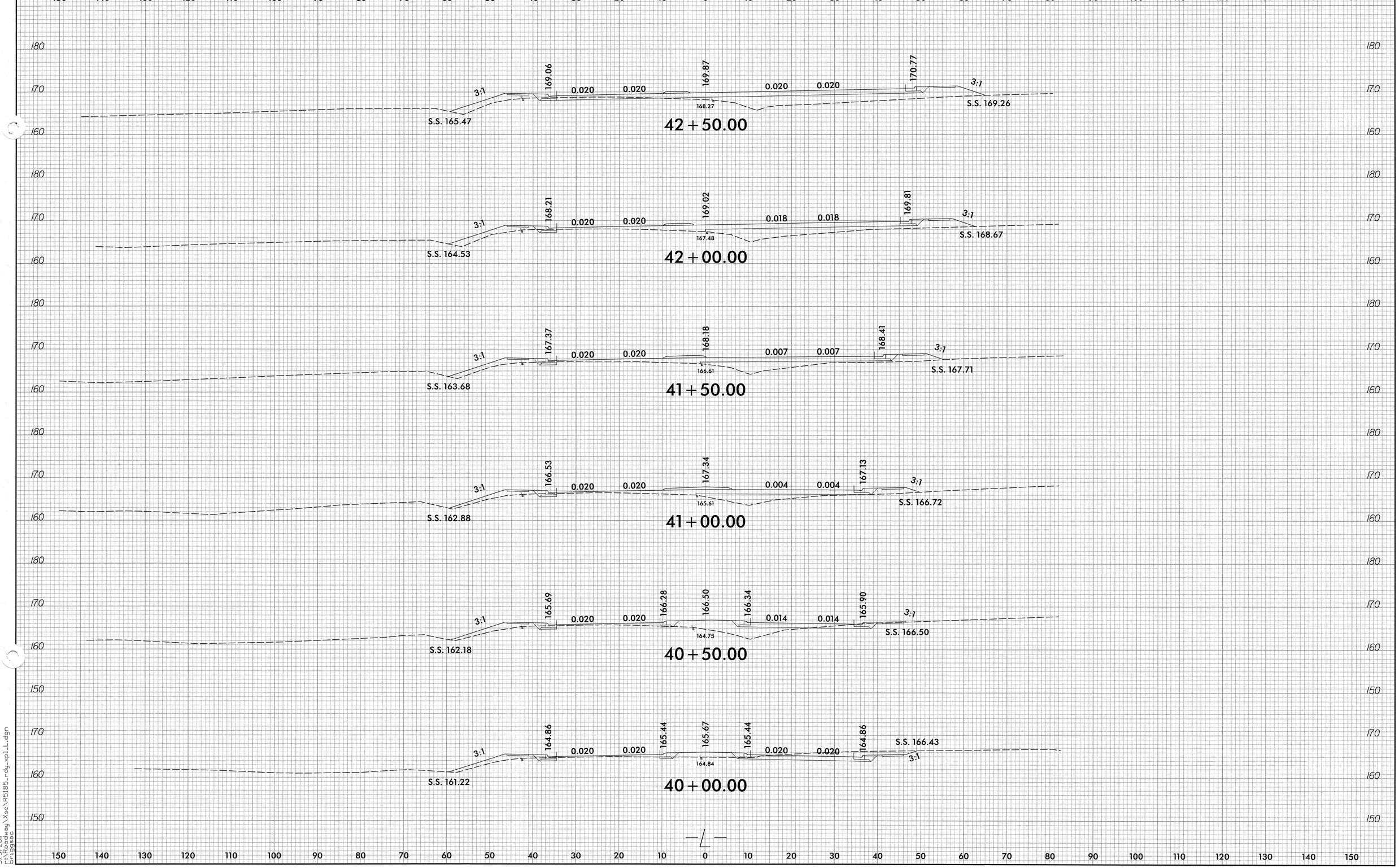


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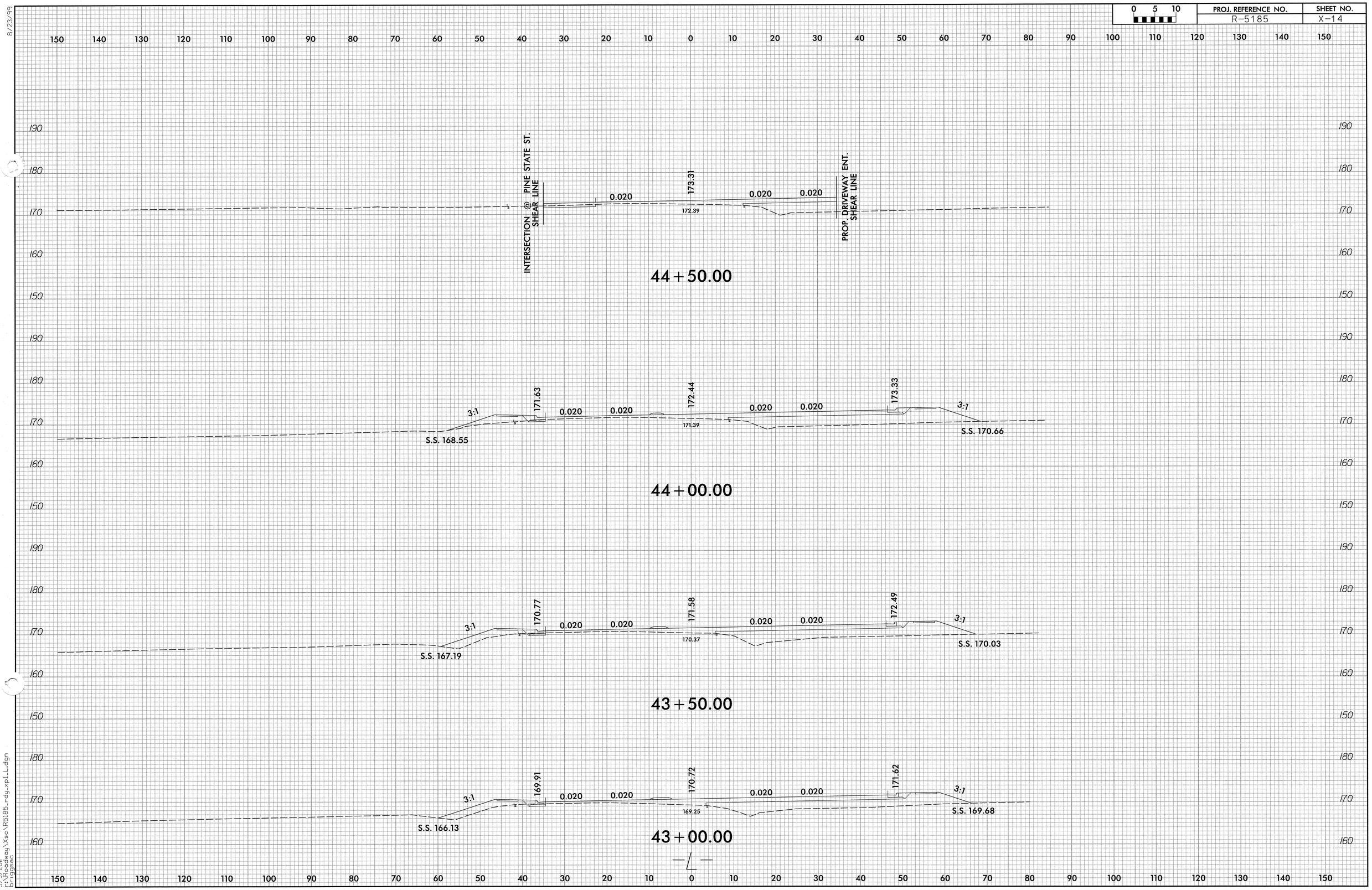


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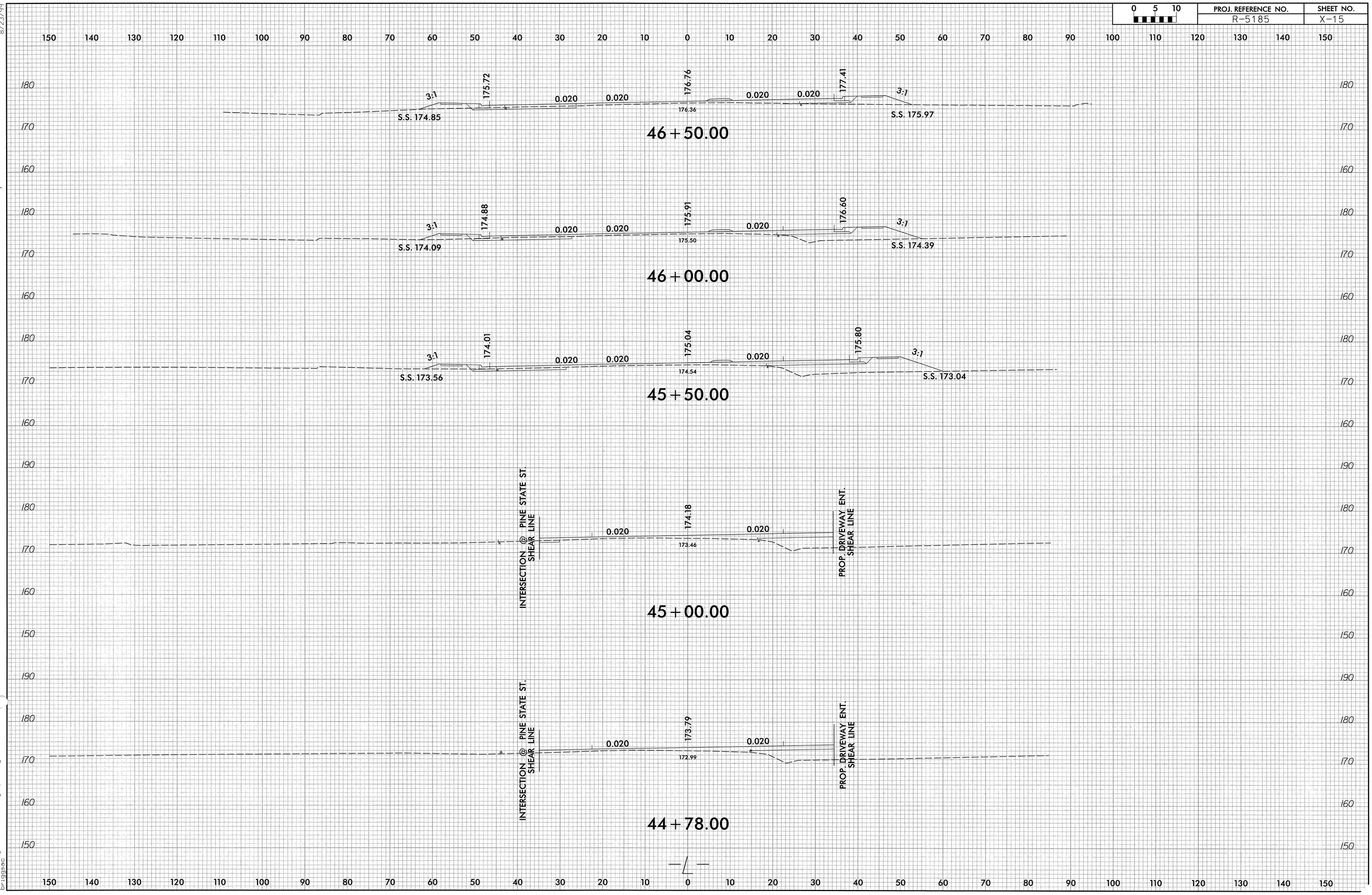
| R-5185 | X-15 |

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| 0 5 10 | PROJ. REFERENCE NO. | SHEET NO. |
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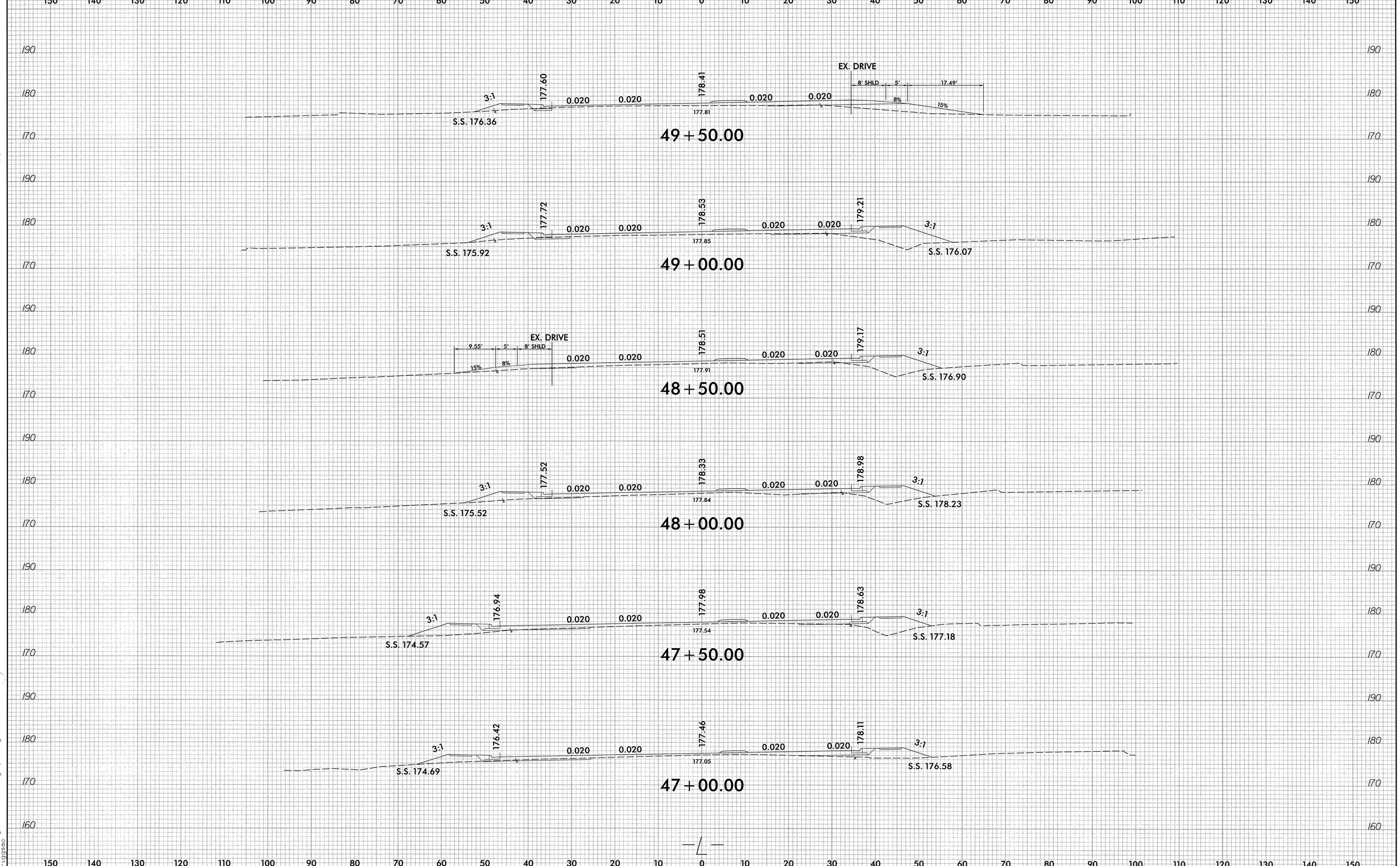
| | R-5185 | X-16 |

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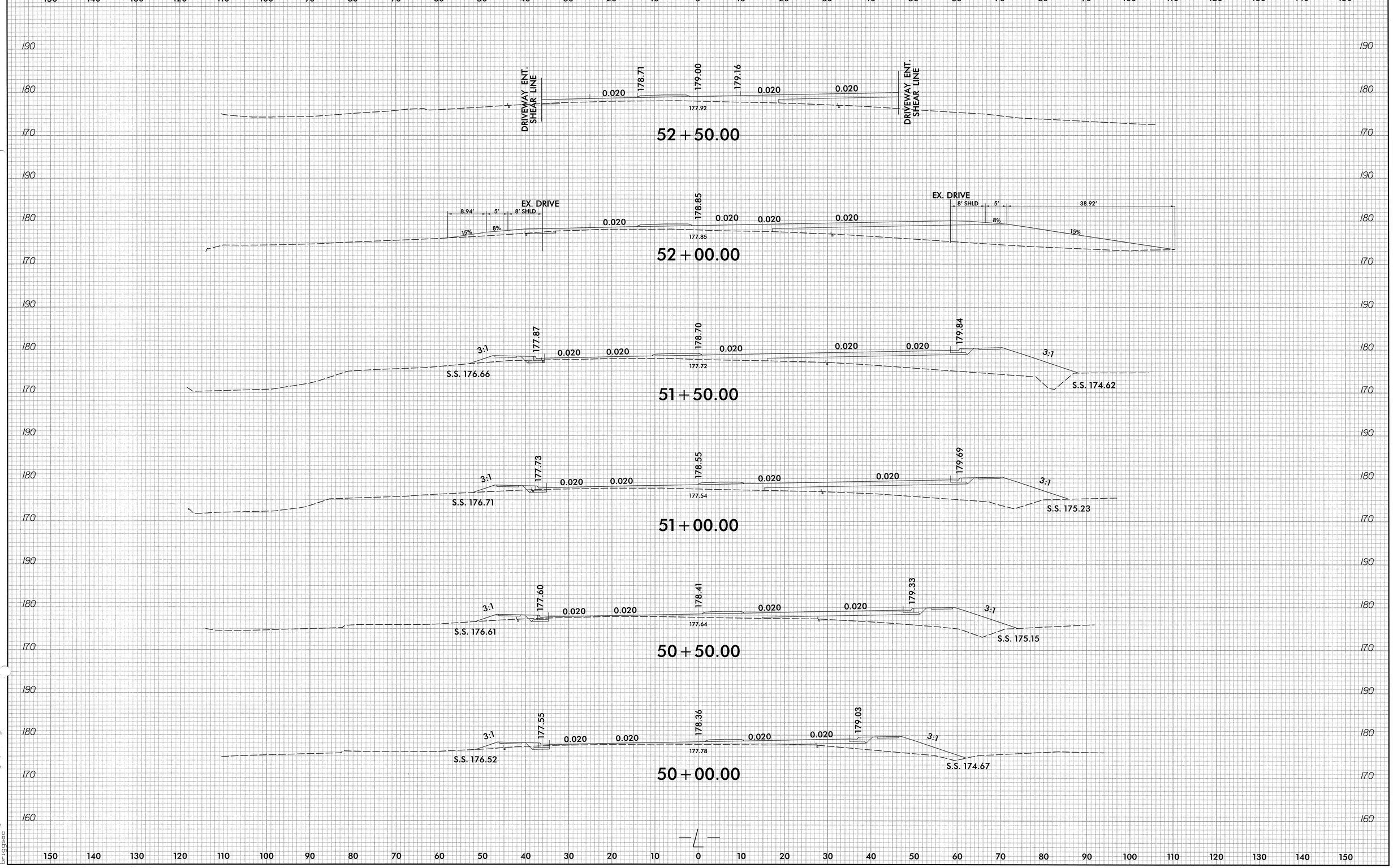
| | R-5185 | X-17 |

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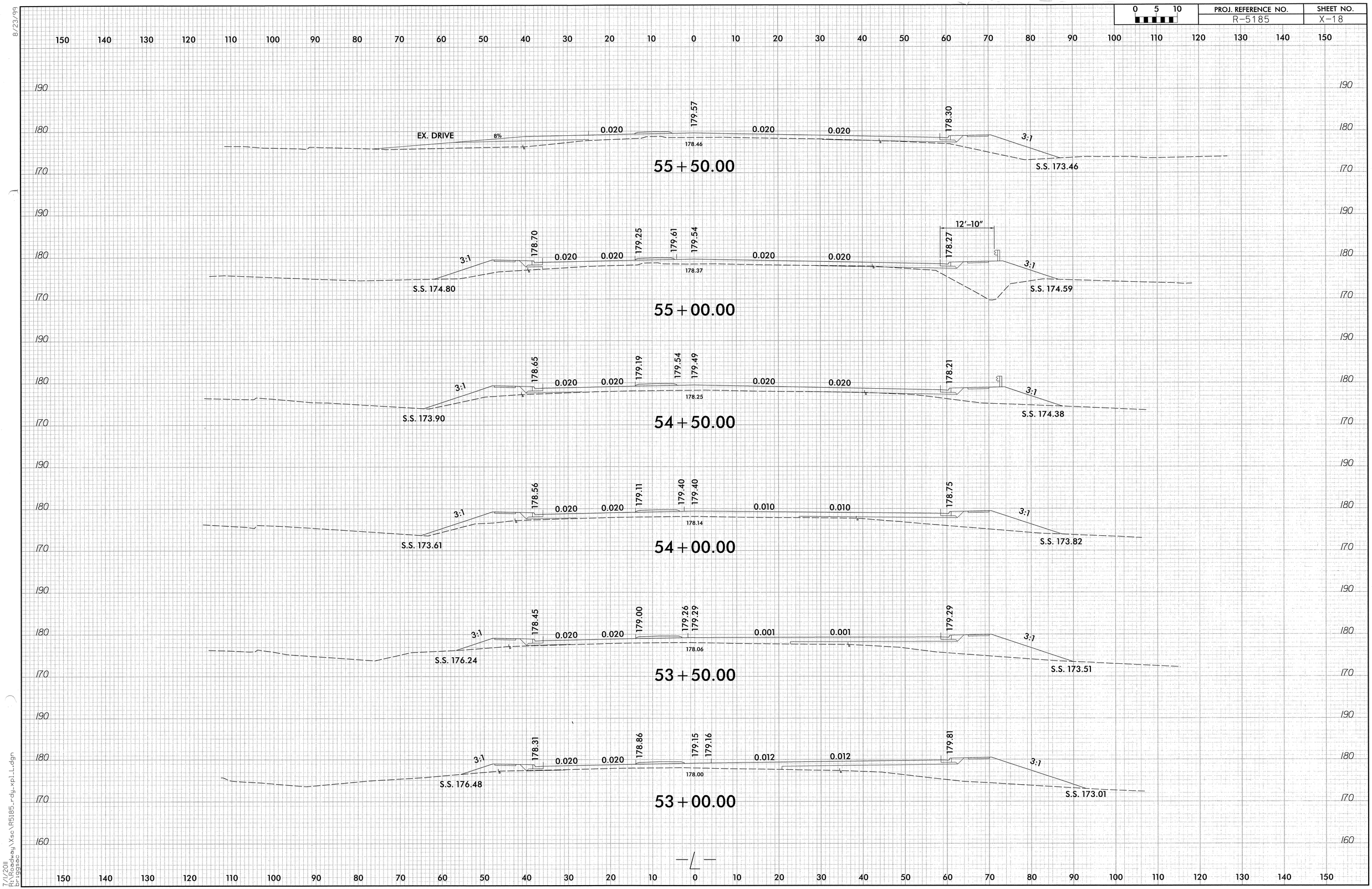
| | R-5185 | X-18 |

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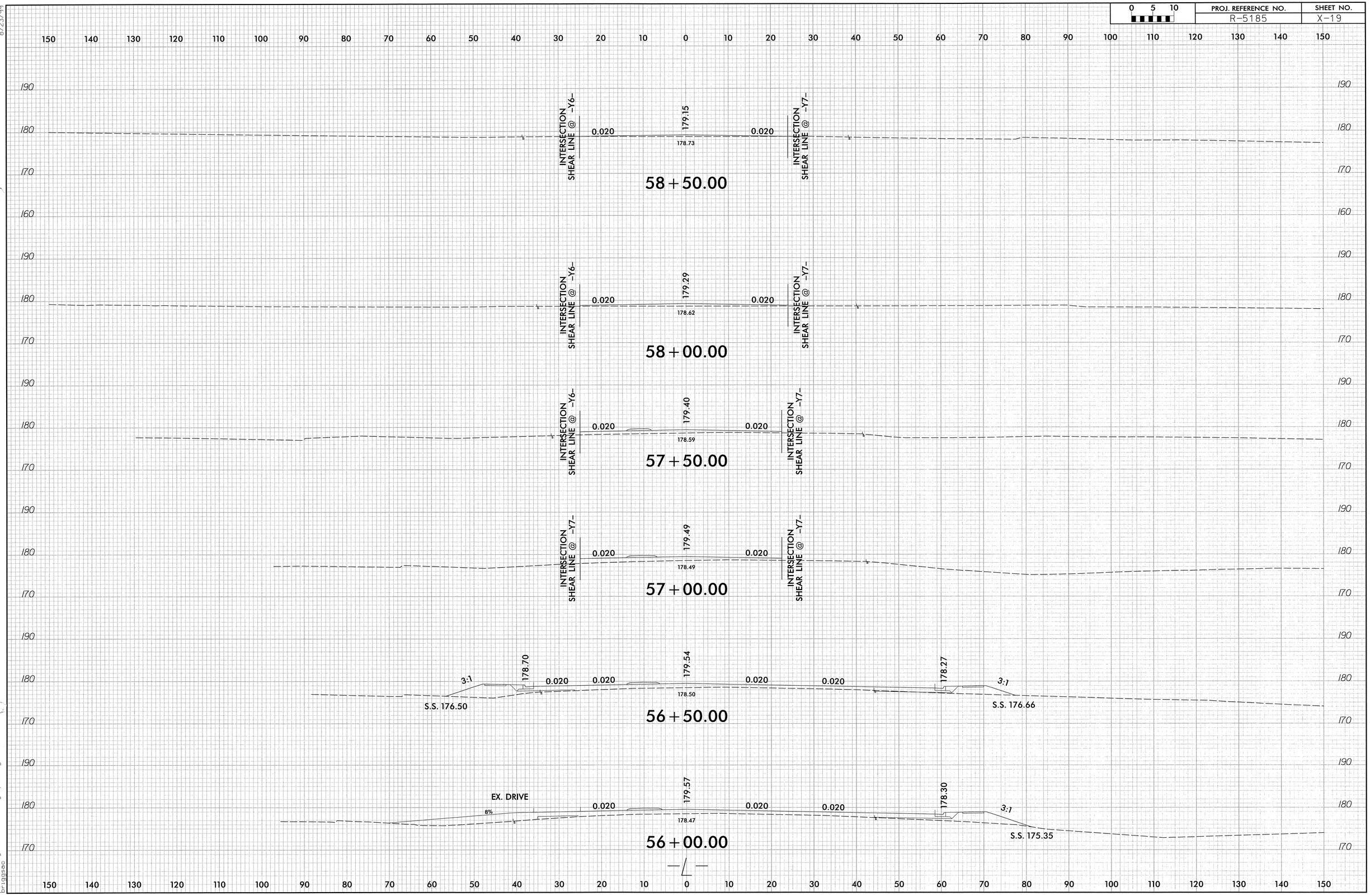


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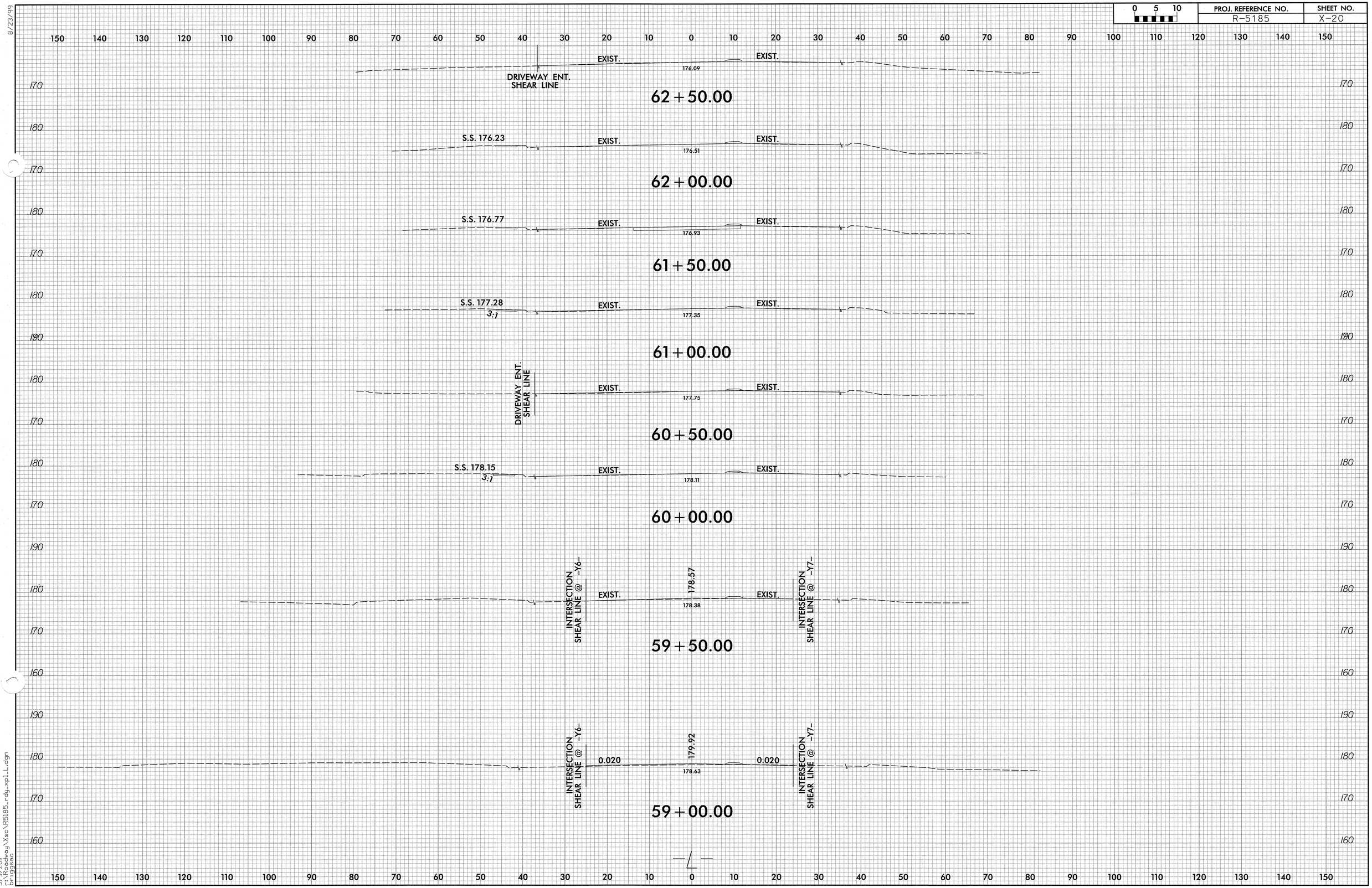
| R-5185 | X-20 |

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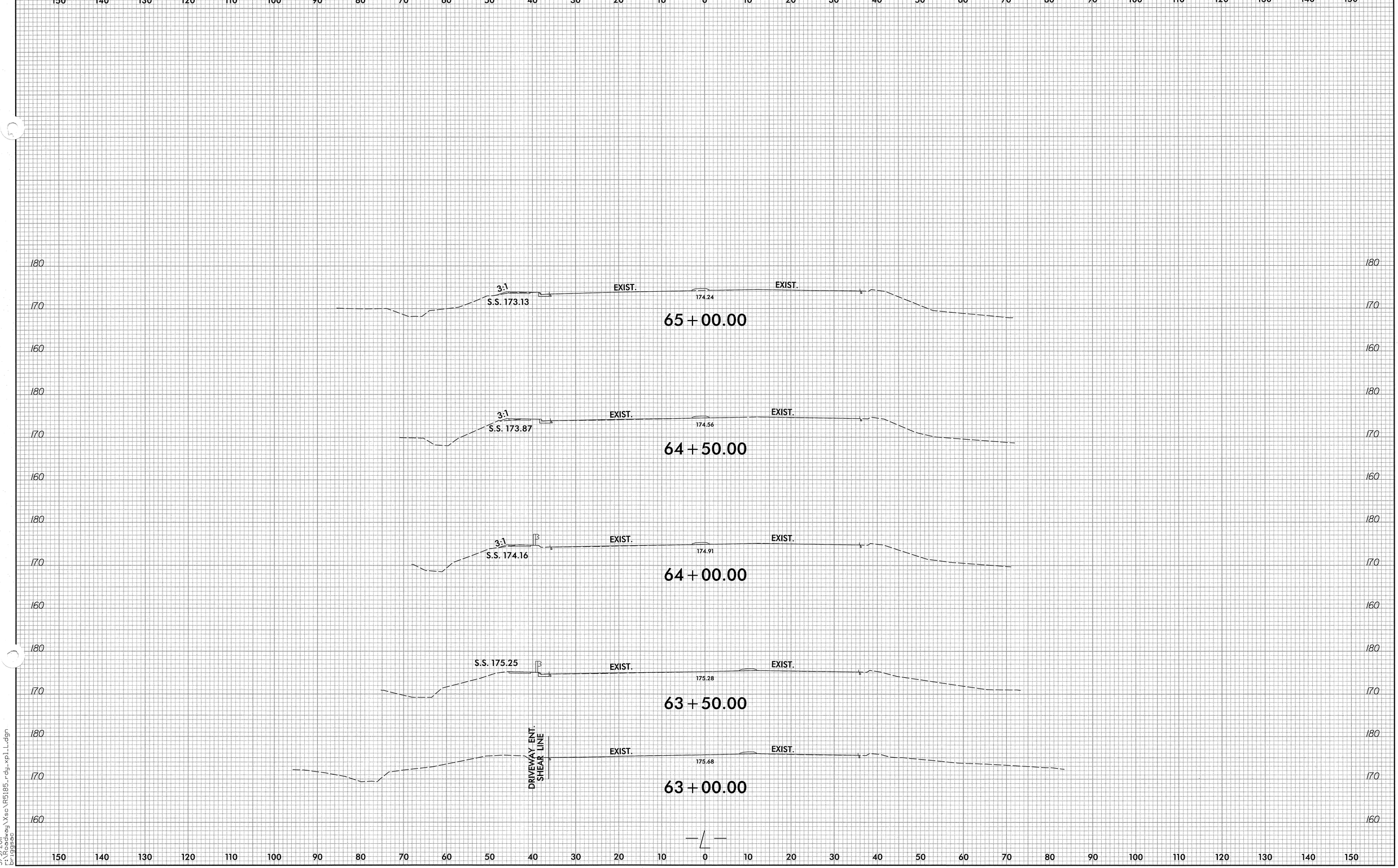
| | R-5185 | X-21 |

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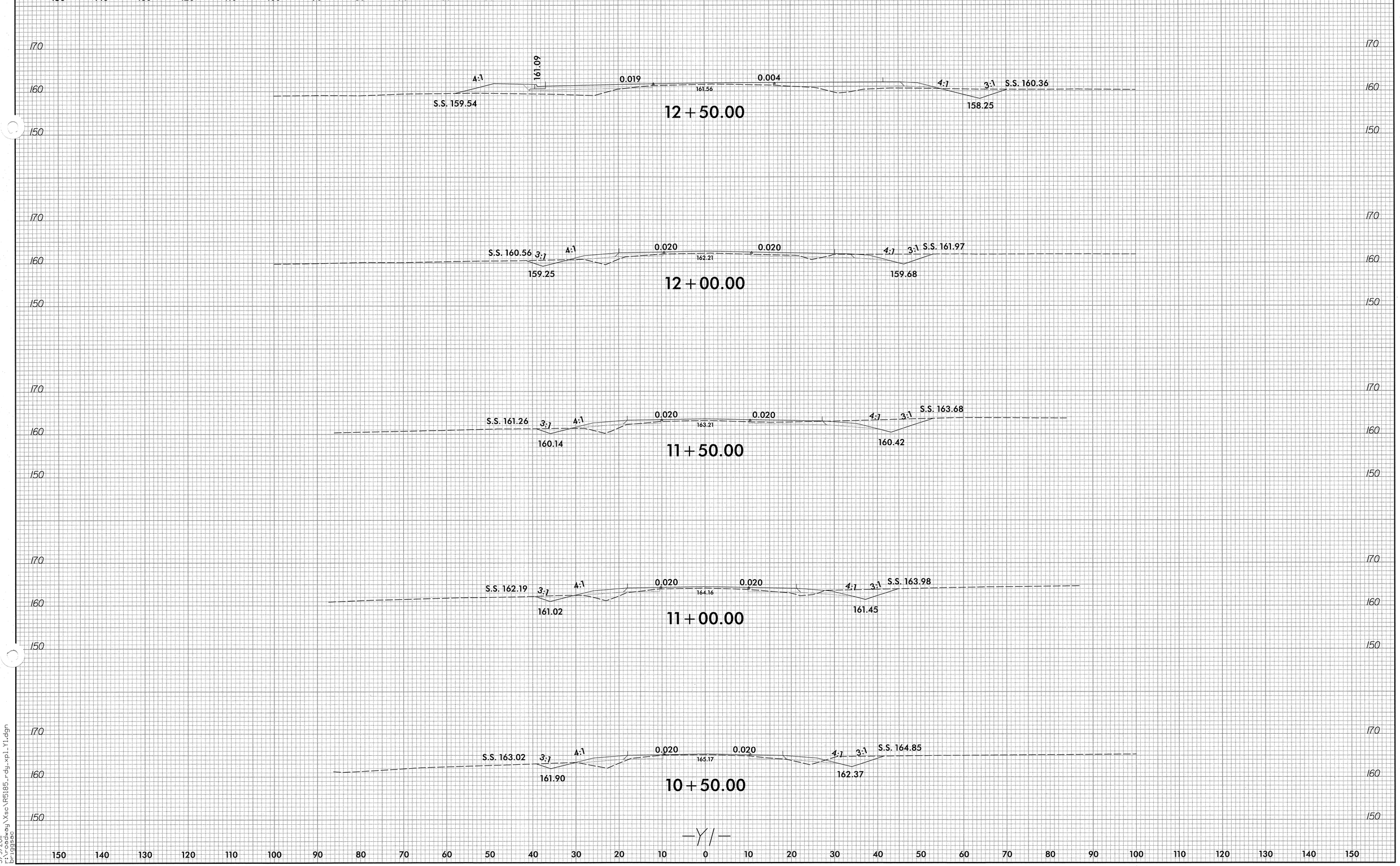
| | R-5185 | X-22 |

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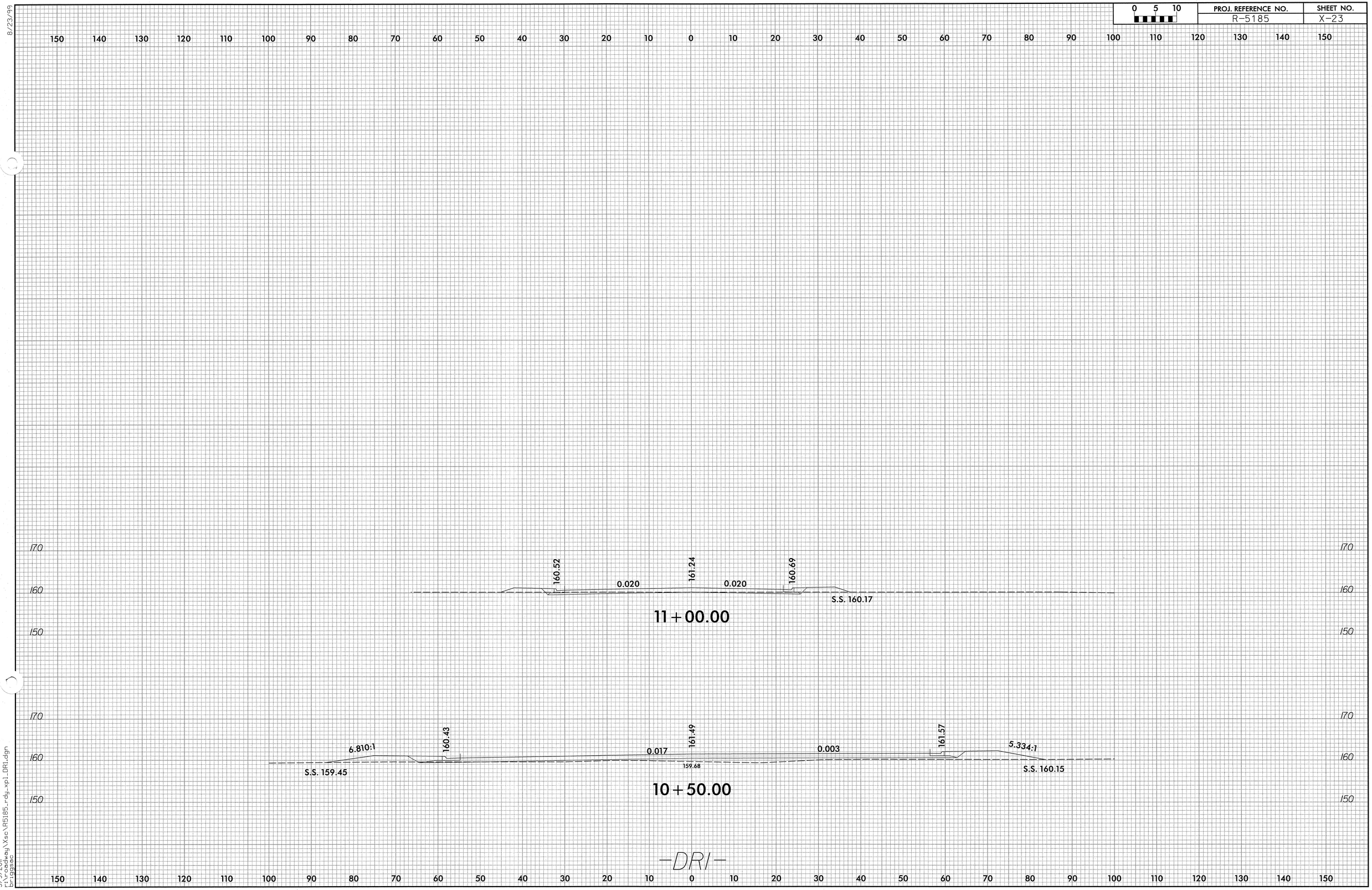
| | R-5185 | X-23 |

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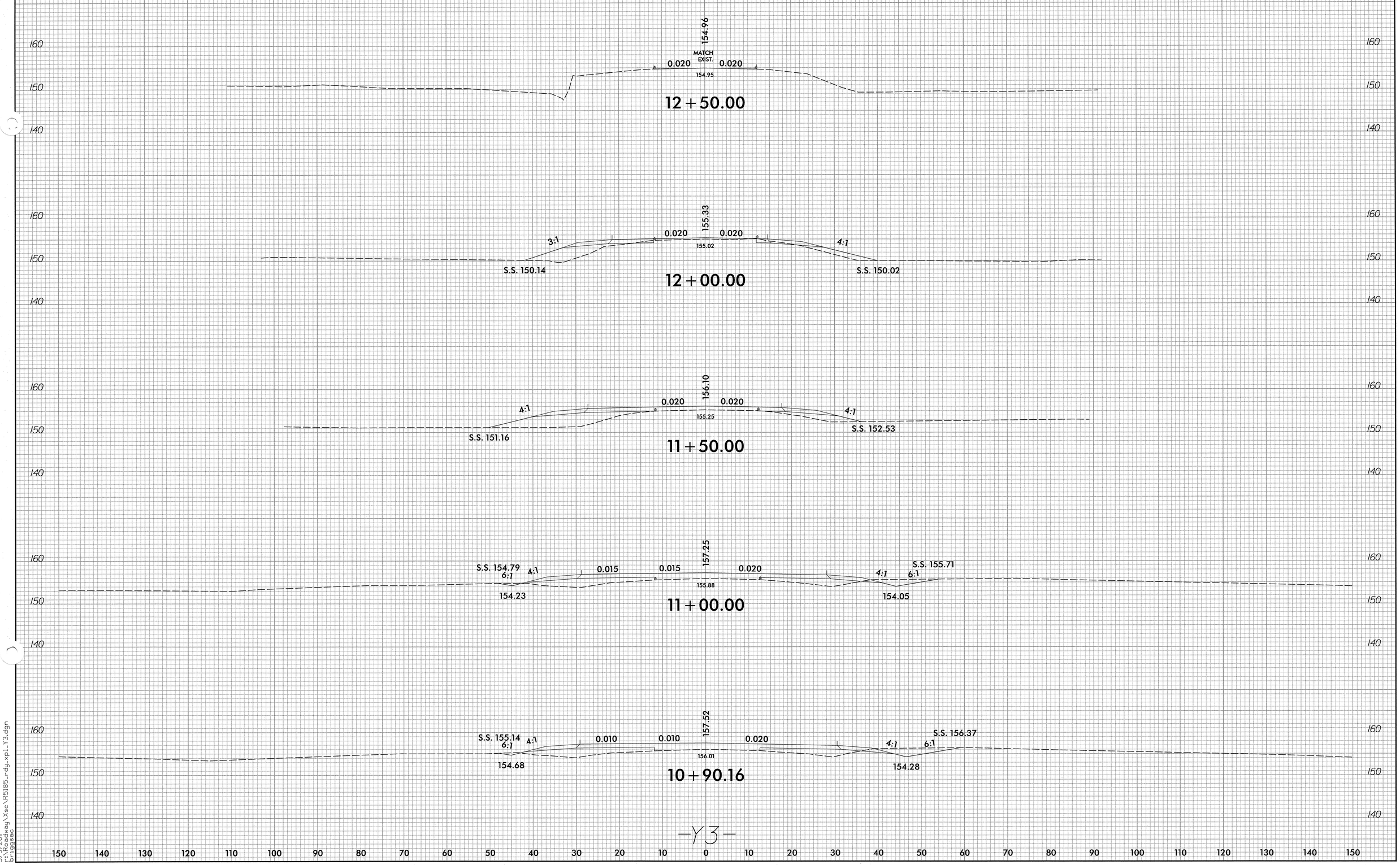


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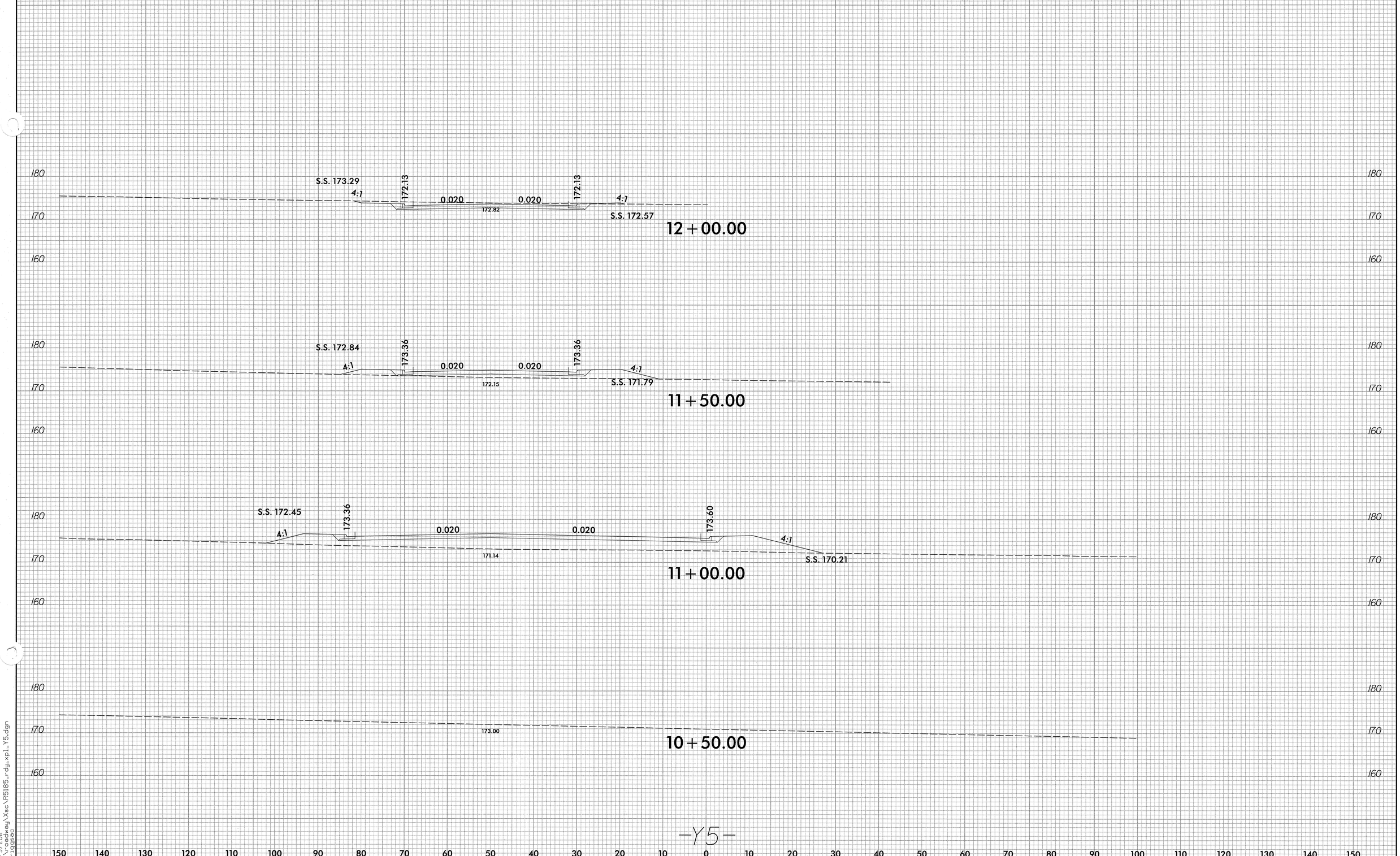
| | R-5185 | X-25 |

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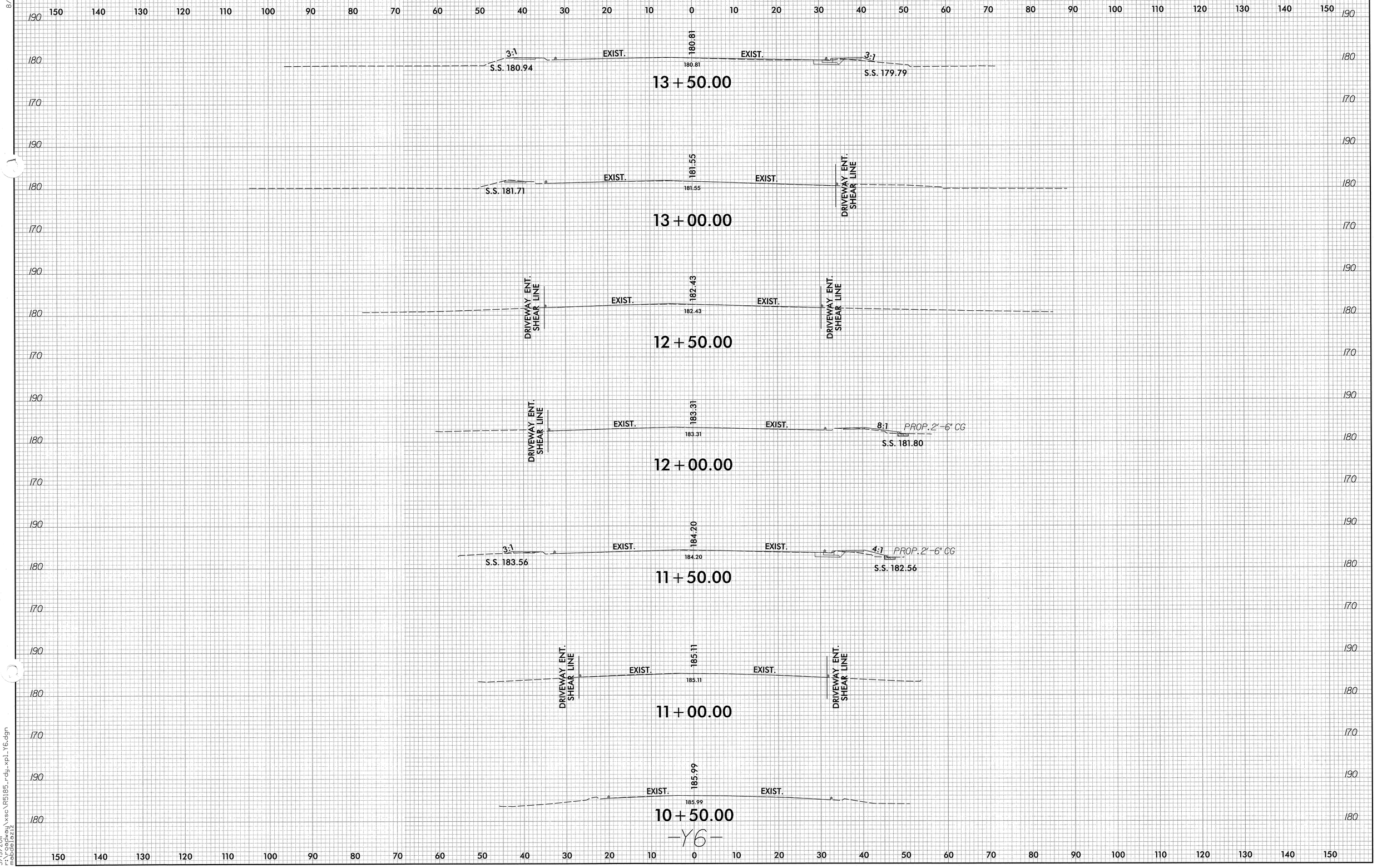
| | R-5185 | X-26 |

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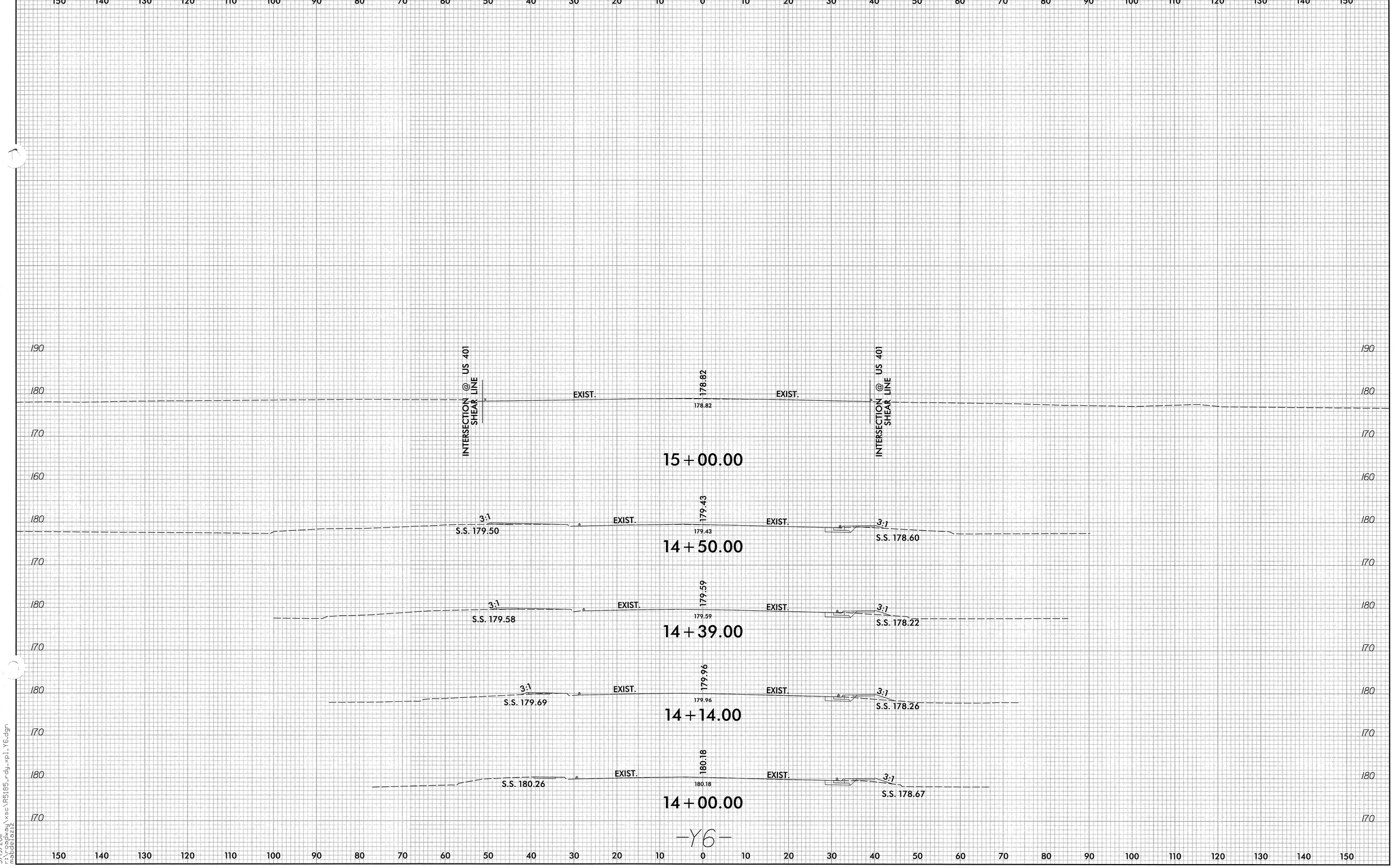
| R-5185 | X-27 |

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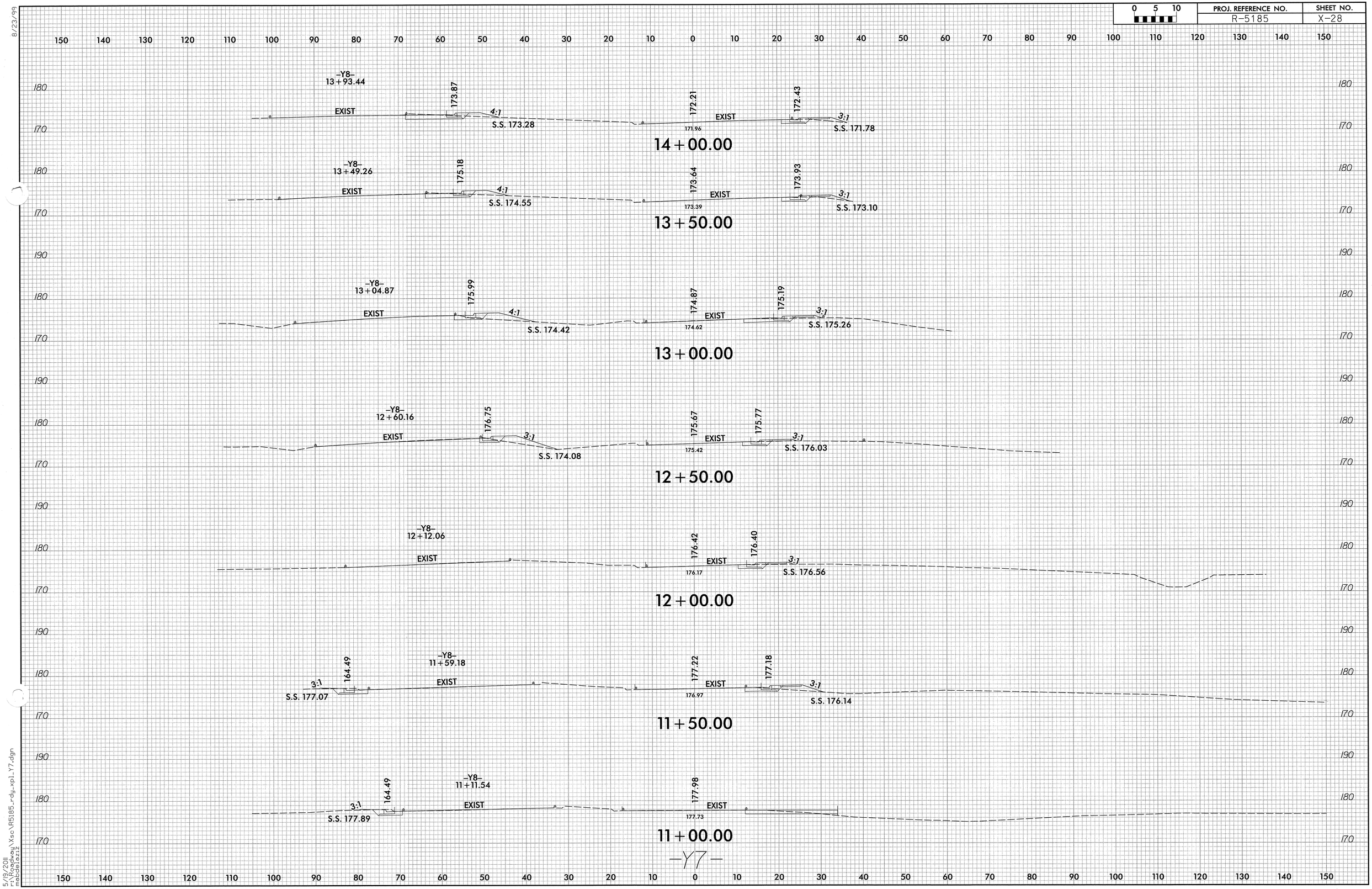


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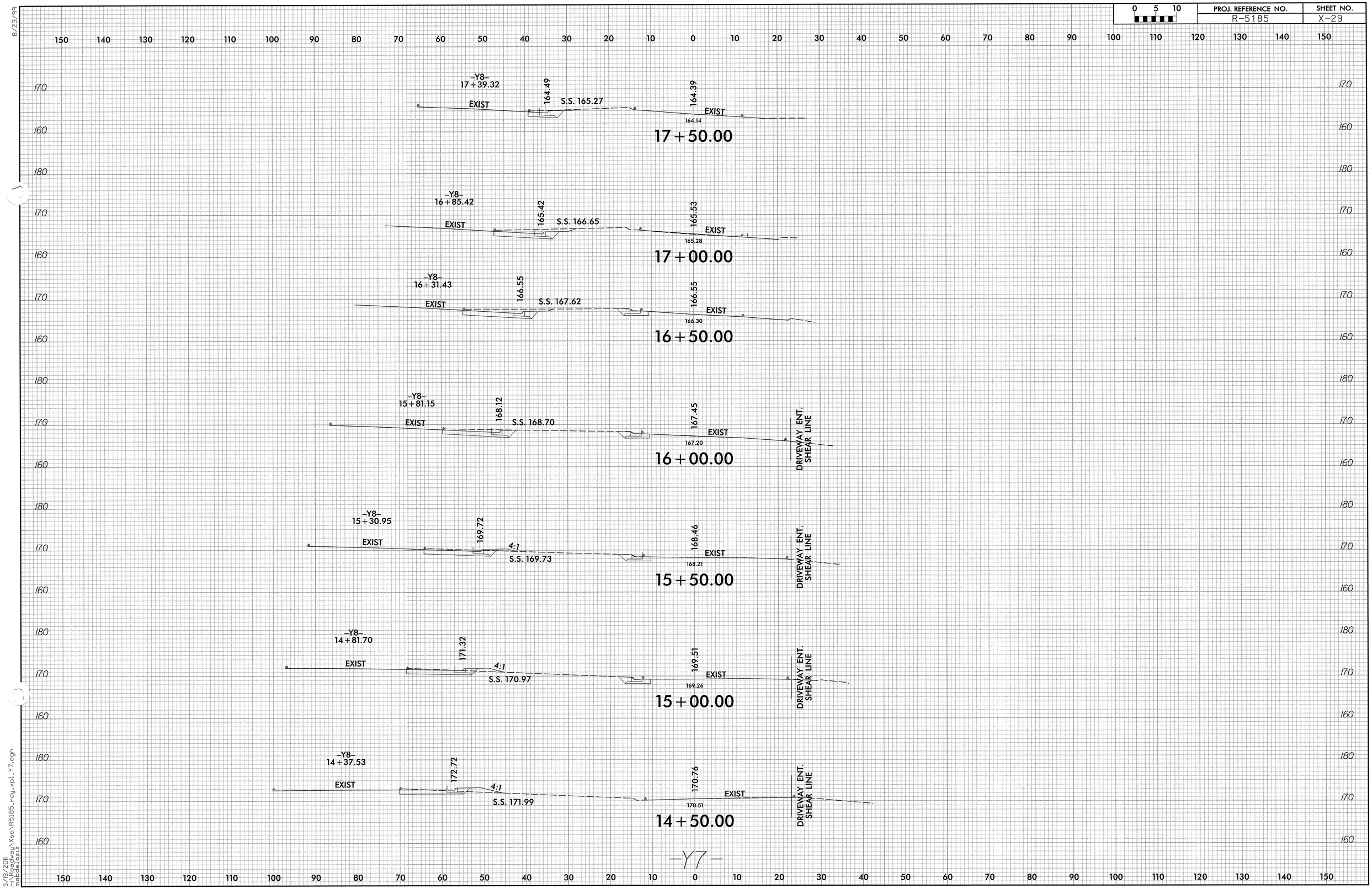


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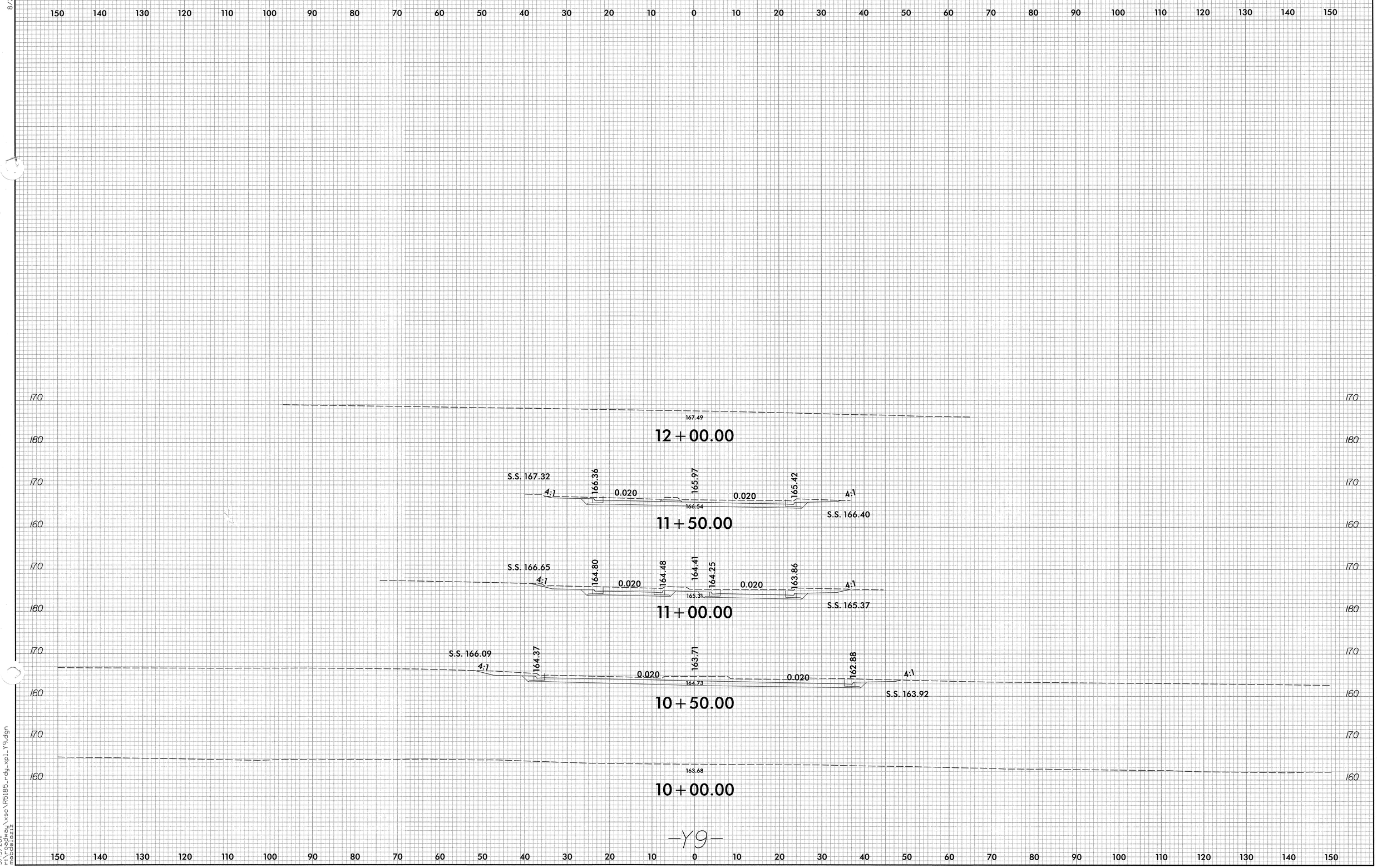


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