PROJECT REFERENCE NO.	SHEET NO.
R-4047	XS-INDEX

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION INDEX
R-4047

LINE	STATION RANGE	SHEET(S)
-L-	12+50.00 TO 54+50.00	X-1 TO X-29
-LPB-	10+00.00 TO 15+50.00	X-30 TO X-32
-RPB-	10+00.00 TO 22+50.00	X-33 TO X-39
-RPC-	10+00.00 TO 15+50.00	X-40 TO X-42
-RPD-	12+00.00 TO 15+50.00	X-43 TO X-44
-Y1-	10+50.00 TO 16+50.00	X-45 TO X-48
-Y2-	10+50.00 TO 12+00.00	X-49
-Y3-	10+50.00 TO 17+00.00	X-50 TO X-53
-Y4-	10+50.00 TO 15+50.00	X-54 TO X-60
-Y4-	28+50.00 TO 29+00.00	X-61
-Y5-	10+50.00 TO 18+50.00	X-62 TO X-68
-Y6-	10+00.00 TO 12+50.00	X-69 TO X-70
-Y8-	10+50.00 TO 16+50.00	X-71 TO X-72
-Y2L-	14+00.00 TO 23+00.00	X-73 TO X-80
-Y2L2-	12+50.00 TO 20+00.00	X-81 TO X-83
-DR1-	10+40.00 TO 11+30.00	X-84 TO X-85
-DR2-	10+00.00 TO 13+50.00	X-86 TO X-88

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PROJ. REFERENCE NO.	SHEET NO.
R-4047	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 DOES NOT INCLUDE BACKFILL FOR UNDERCUT

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

Station -L- LT	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
16+50.00	0	0
17+00.00	0	0
17+50.00	3	17
18+00.00	5	31
18+50.00	4	30
19+00.00	4	29
19+50.00	3	31
20+00.00	1	41
20+50.00	0	56
21+00.00	0	31
21+50.00	0	0
22+00.00	0	0
22+50.00	0	0
23+00.00	0	56
23+50.00	0	106
24+00.00	0	99
24+50.00	0	98
25+00.00	0	91
25+50.00	0	67
26+00.00	0	48
26+50.00	0	37
27+00.00	2	24
27+50.00	3	14
28+00.00	3	10
28+50.00	5	8
29+00.00	6	4

Station -L- RT	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
16+50.00	0	0
17+00.00	5	0
17+50.00	15	9
18+00.00	28	32
18+50.00	39	38
19+00.00	52	23
19+50.00	32	39
20+00.00	9	120
20+50.00	10	211
21+00.00	6	136
21+50.00	2	16
22+00.00	0	1
22+50.00	14	0
23+00.00	23	0
23+50.00	15	6
24+00.00	11	9
24+50.00	15	3
25+00.00	19	0
25+50.00	22	0
26+00.00	23	0
26+50.00	11	0
27+00.00	0	0
27+50.00	0	0

Station -L- RT	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
28+00.00	15	0
28+50.00	26	0
29+00.00	19	0

Station -L- LT	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
29+00.00	0	0
29+50.00	12	1
30+00.00	10	7
30+50.00	4	23
31+00.00	17	29
31+50.00	26	22
32+00.00	21	19
32+50.00	20	19
33+00.00	13	9
33+50.00	5	0
34+00.00	5	0
34+50.00	23	6
35+00.00	21	98
35+50.00	2	178
36+00.00	2	149
36+50.00	1	131
37+00.00	13	76
37+50.00	17	17
38+00.00	4	31
38+50.00	0	47
39+00.00	12	127
39+50.00	19	211
40+00.00	10	185
40+50.00	9	149
41+00.00	7	145
41+50.00	3	151
42+00.00	9	169
42+50.00	95	137

Station -L- RT	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
29+00.00	0	0
29+50.00	16	0
30+00.00	23	2
30+50.00	59	2
31+00.00	81	0
31+50.00	56	27
32+00.00	59	27
32+50.00	206	0
33+00.00	181	0
33+50.00	33	0
34+00.00	51	0
34+50.00	1398	0
35+00.00	2967	0
35+50.00	3769	0

Station -L- RT	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
36+00.00	4012	0
36+50.00	3200	0
37+00.00	2931	0
37+50.00	3920	0
38+00.00	4618	6
38+50.00	4177	10
39+00.00	3754	9
39+50.00	3667	8
40+00.00	3172	6
40+50.00	2285	6
41+00.00	1375	3
41+50.00	726	0
42+00.00	1012	0
42+50.00	1663	0

Station -L- LT	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
42+50.00	0	0
43+00.00	515	45
43+50.00	428	88
44+00.00	3	92
44+50.00	7	6
45+00.00	125	21
45+50.00	302	42
46+00.00	300	77
46+50.00	157	97
47+00.00	40	73
47+50.00	6	61
48+00.00	12	85
48+50.00	8	132
49+00.00	4	93
49+50.00	1	97
50+00.00	0	176
50+50.00	0	211
51+00.00	0	211
51+50.00	0	106
52+00.00	0	19
52+50.00	0	10
53+00.00	1	5
53+50.00	6	0
54+00.00	12	0

Station -L- RT	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
42+50.00	0	0
43+00.00	2495	0
43+50.00	2384	0
44+00.00	1508	0
44+50.00	1392	0
45+00.00	1367	0
45+50.00	1240	0

Station -L- RT	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
46+00.00	1074	0
46+50.00	851	0
47+00.00	370	6
47+50.00	48	6
48+00.00	38	76
48+50.00	19	335
49+00.00	31	510
49+50.00	29	580
50+00.00	19	559
50+50.00	10	239
51+00.00	21	17
51+50.00	30	9
52+00.00	24	1
52+50.00	19	2
53+00.00	21	2
53+50.00	26	0
54+00.00	20	0

Station -Y1-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+52.66	0	0
11+00.00	0	384
11+50.00	11	335
12+00.00	79	139
12+50.00	164	11
13+00.00	144	5
13+50.00	120	2
14+00.00	137	3
14+50.00	156	1
15+00.00	129	0
15+50.00	76	0

Station -RPC-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+00.00	0	0
10+50.00	18	0
11+00.00	26	0
11+50.00	49	0
12+00.00	73	0
12+50.00	105	2
13+00.00	123	10
13+50.00	106	31
14+00.00	83	39
14+50.00	44	31
15+00.00	11	53
16+00.74	7	153

Station -RPD-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
14+25.00	0	0
14+50.00	6	8
15+00.00	14	20
15+79.47	24	38

Station -Y3-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+57.04	0	0
11+00.00	8786	0
11+50.00	11718	0
12+00.00	12763	0
12+50.00	11592	0
13+00.00	9669	0
13+50.00	7048	0
14+00.00	4106	0
14+50.00	1803	0
15+00.00	681	17
15+50.00	238	28
16+00.00	100	11
16+50.00	33	0
16+75.00	3	0

Station -Y4-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+24.00	0	0
11+00.00	0	2181
11+50.00	0	1871
12+00.00	143	1282
12+50.00	1110	129
13+00.00	2200	0
13+50.00	2389	0
14+00.00	2294	0
14+50.00	1986	0
15+00.00	1514	0
15+50.00	1254	0
16+00.00	1165	0
16+16.64	383	0

Station -Y4-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
28+21.80	0	0
28+50.00	18	29
29+00.00	56	26
29+05.00	8	0

Station -Y5-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+47.62	0	0
11+00.00	3436	0

Station -Y5-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
11+50.00	3643	0
12+00.00	4628	0
12+50.00	5357	0
13+00.00	5265	0
13+50.00	4852	0
14+00.00	4369	0
14+50.00	3395	0
15+00.00	1504	0
15+50.00	369	0
16+00.00	286	0
16+50.00	104	0
17+00.00	30	1
17+50.00	2	2
17+95.00	2	2

Station -LPB-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+35.96	0	0
10+50.00	2	0
11+00.00	10	0
11+50.00	14	0
12+00.00	31	0
12+50.00	44	162
13+00.00	58	304
13+50.00	106	333
14+00.00	239	355
14+50.00	415	163
15+00.00	507	0

Station -RPB-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+00.00	0	0
10+50.00	131	0
11+00.00	135	0
11+50.00	142	0
12+00.00	182	0
12+50.00	359	0
13+00.00	657	0
13+50.00	988	0
14+00.00	1407	0
14+50.00	1816	0
15+00.00	1992	0
15+50.00	1749	0
16+00.00	1430	0
16+50.00	1508	0
17+00.00	1704	0
17+50.00	1744	0
18+00.00	1784	0
18+50.00	1986	0
19+00.00	2231	0
19+50.00	2286	0

PROJ. REFERENCE NO.	SHEET NO.
R-4047	X-1B

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NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

Station -RPB-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
20+00.00	2376	5
20+25.00	935	20
20+50.00	619	36
21+00.00	1170	238
21+50.00	996	204
22+00.00	631	104
22+34.27	235	140

Station -Y2L-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
15+00.00	0	0
15+50.00	27	356
16+00.00	28	681
16+50.00	26	538
17+00.00	29	437
17+50.00	56	225
18+00.00	89	2
18+50.00	84	0
19+00.00	72	0
19+50.00	79	0
20+00.00	81	1
20+50.00	70	1
21+00.00	78	15
21+50.00	84	28
22+00.00	79	19
22+50.00	105	6
23+00.00	123	0
23+24.32	58	0

Station -Y2L2-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
13+50.00	0	0
14+00.00	49	0
14+50.00	72	0
15+00.00	81	0
15+50.00	74	0
16+00.00	70	0
16+50.00	87	0
17+00.00	85	0
17+50.00	72	0
18+00.00	76	0
18+50.00	72	0

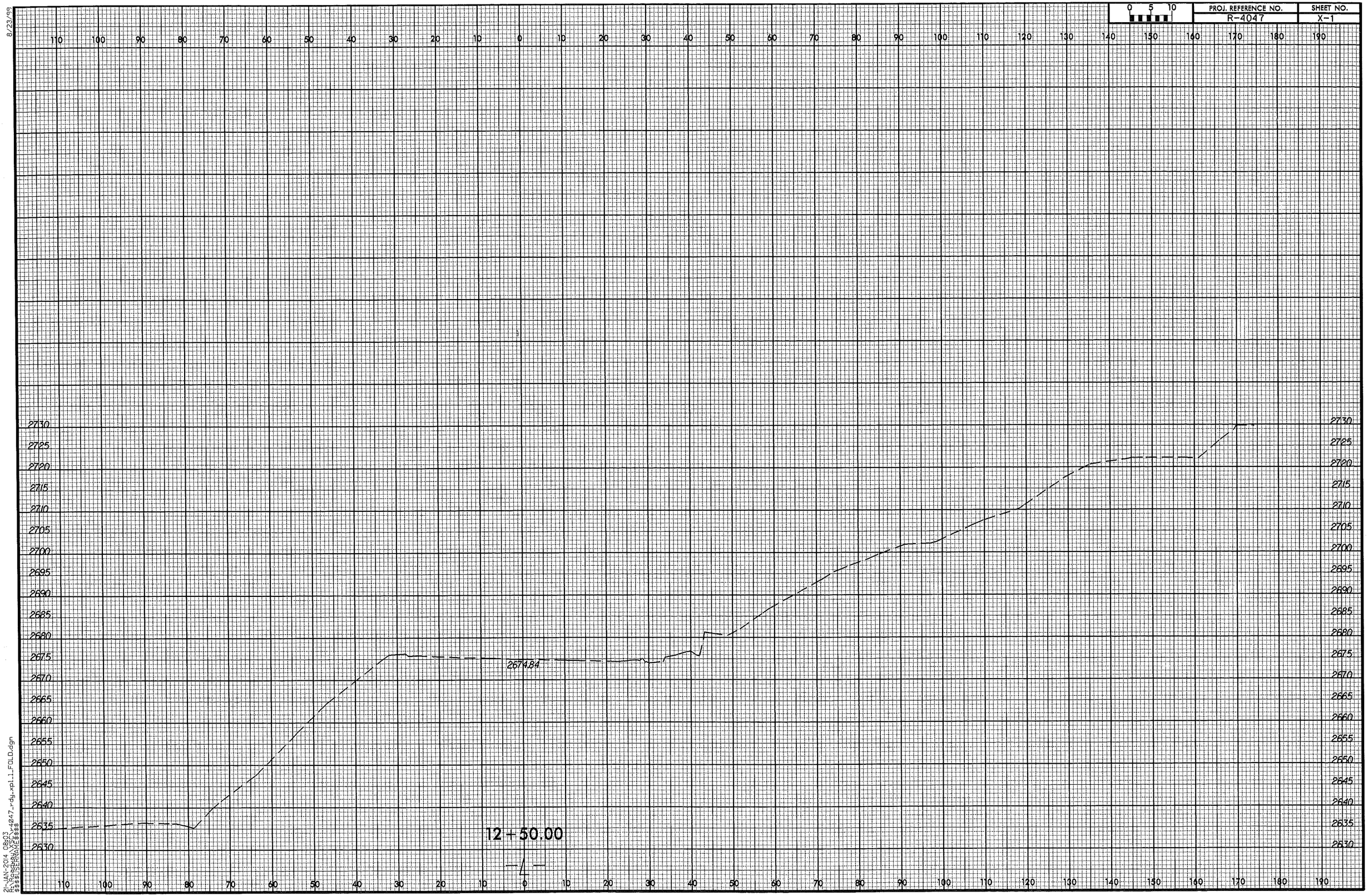
Station -DR2-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+09.00	0	0
10+50.00	1212	0
11+00.00	1125	0
11+50.00	806	0
12+00.00	641	0

Station -DR2-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
12+50.00	283	0
13+00.00	72	0
13+10.00	4	0

Station -Y6-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+24.20	0	0
10+50.00	0	162
11+00.00	0	152
11+50.00	1	13
12+00.00	3	2
12+25.00	2	1

Station -Y8-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+40.54	0	0
11+00.00	300	0
11+50.00	237	0
12+00.00	164	4
12+50.00	72	8
13+00.00	25	5
13+45.00	10	0

Station -DR1-	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+24.30	0	0
10+50.00	0	139
10+60.00	1	34
10+70.00	1	30
10+80.00	1	43
10+90.00	1	26
11+00.00	0	7



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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-4047	X-2

RESURFACE
2672.23

BEGIN CONSTRUCTION -L- STA. 13+00.00

13+00.00
-L-

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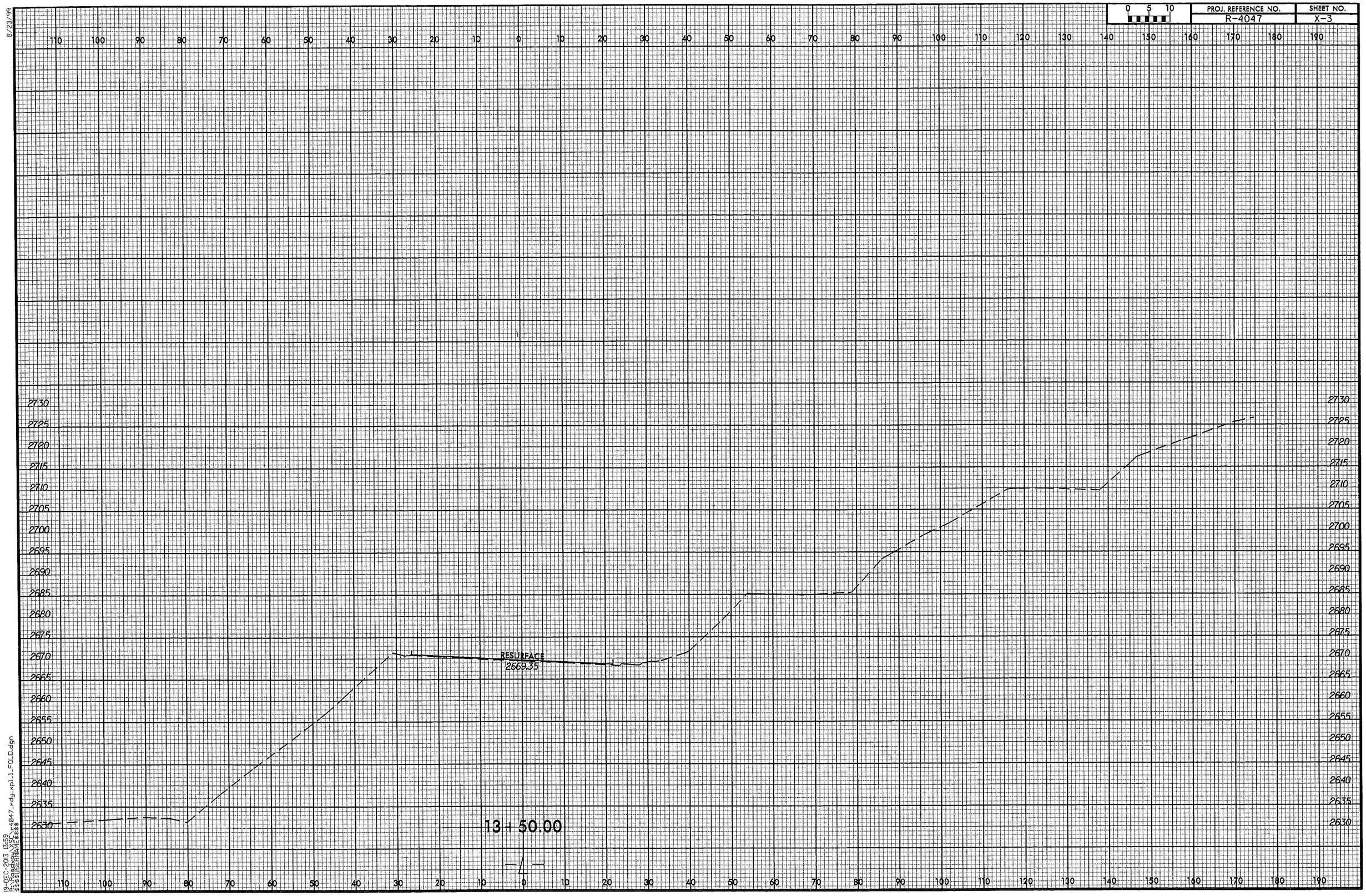

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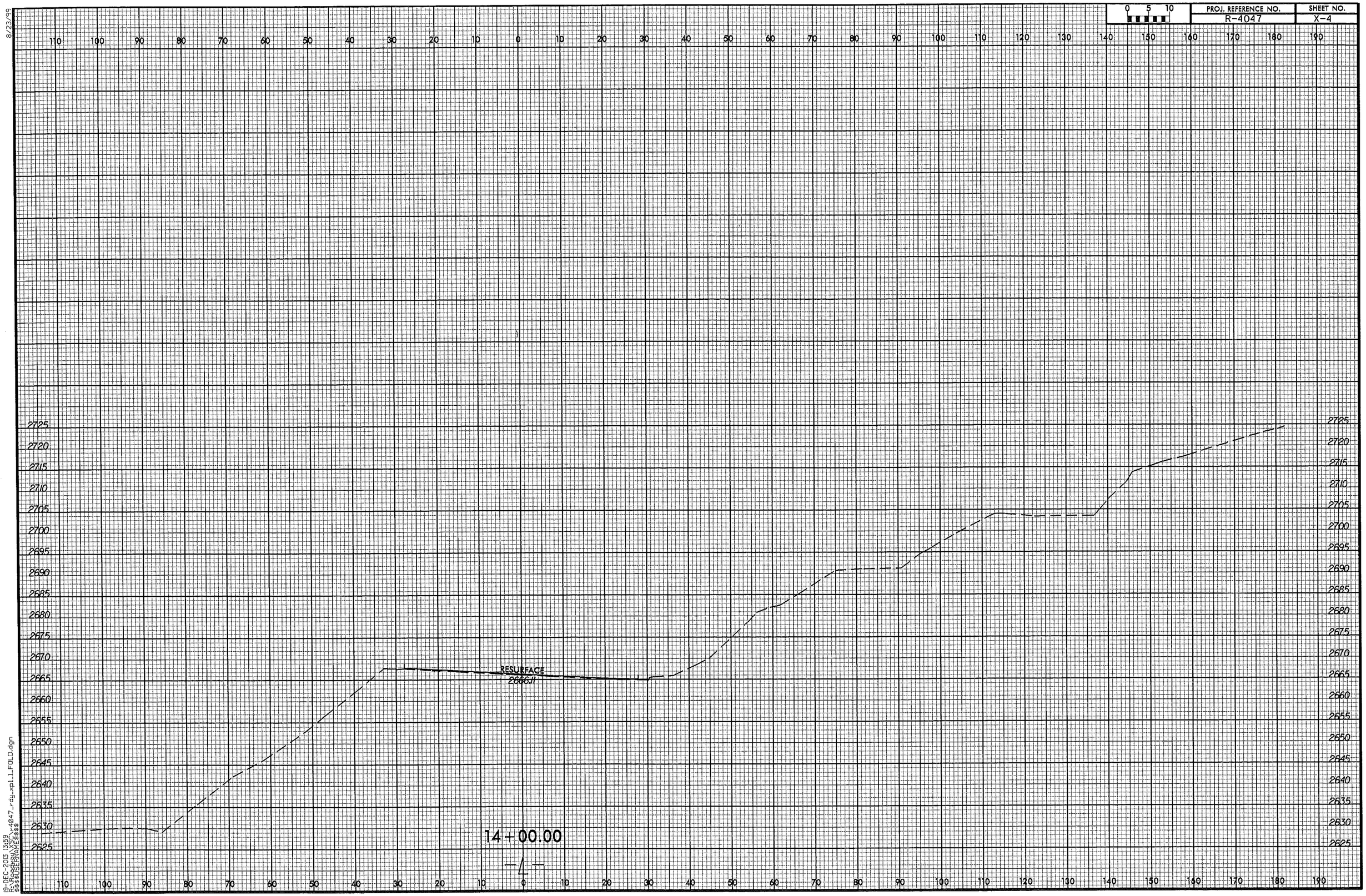

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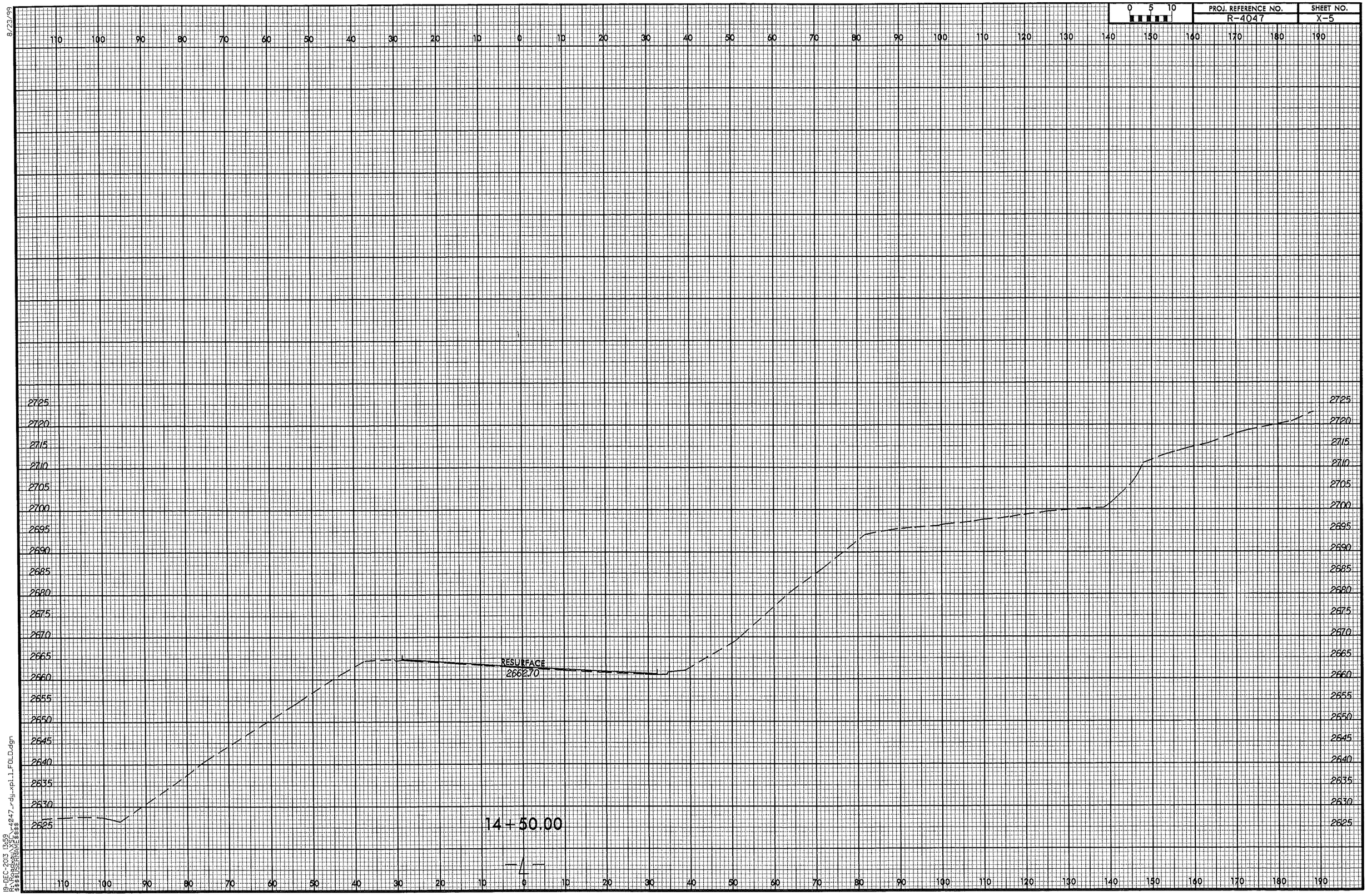

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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-4047	X-6

RESURFACE
2655.59

15 + 50.00

RESURFACE
2659.21

15 + 00.00

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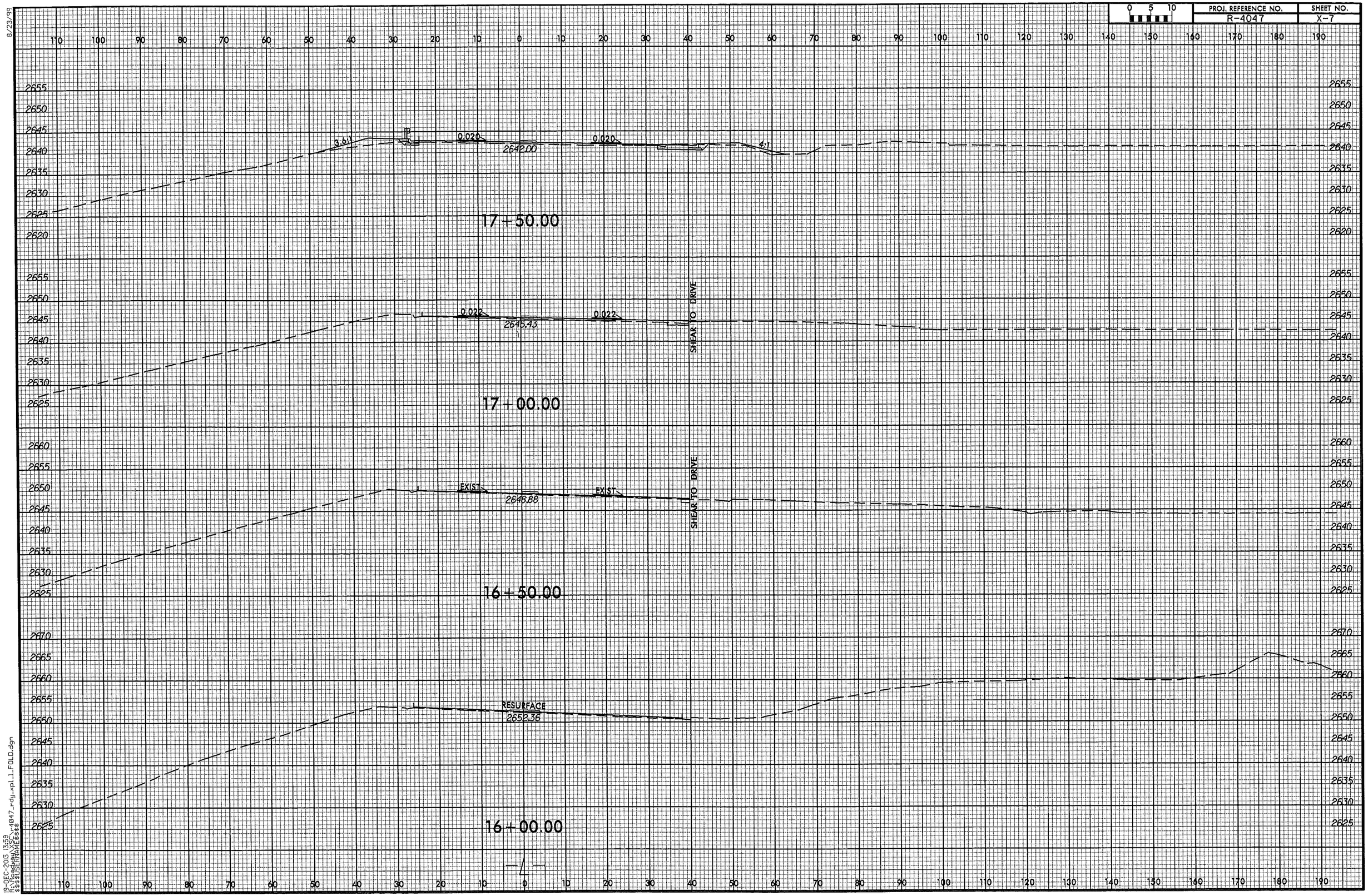

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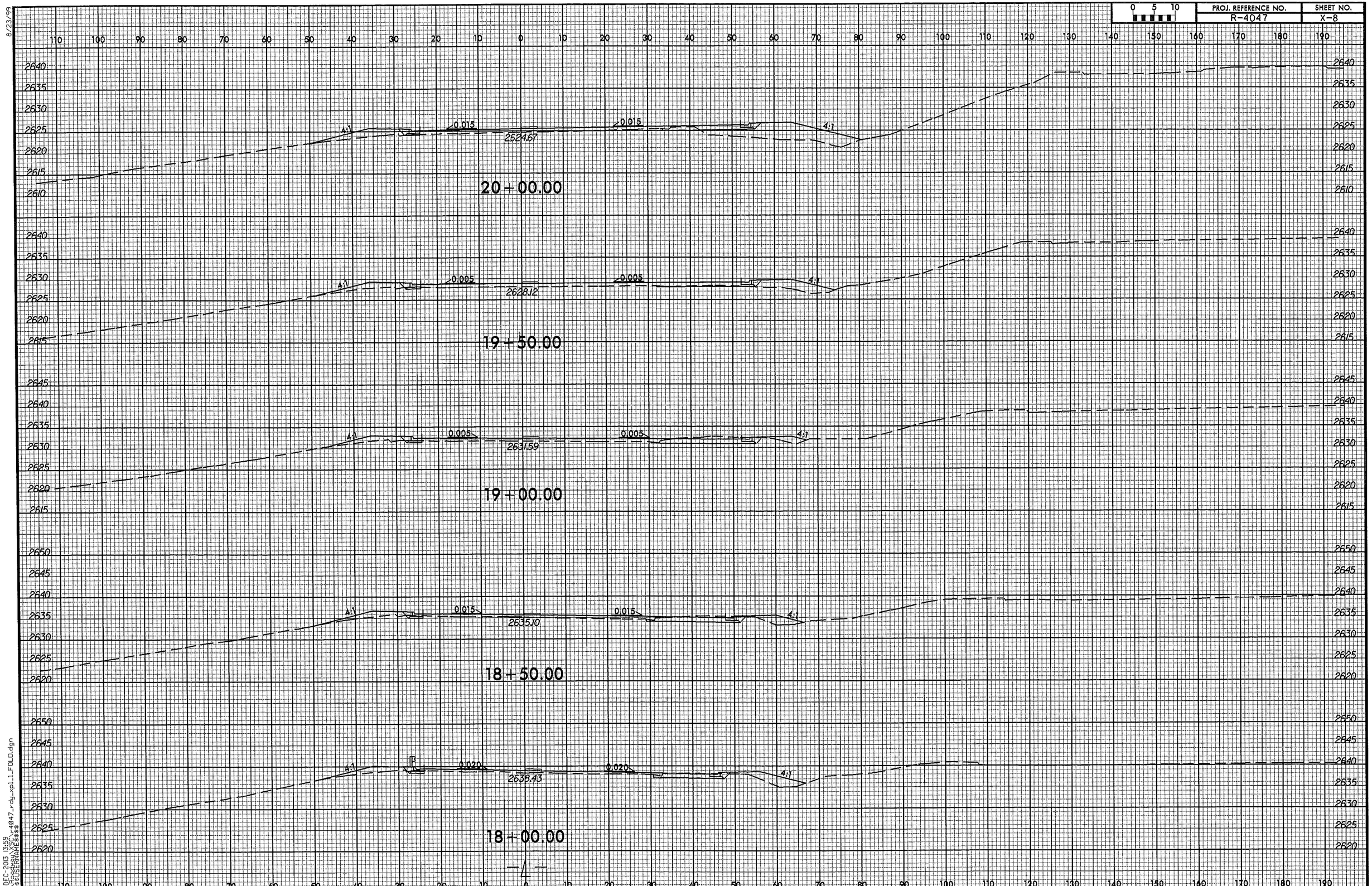

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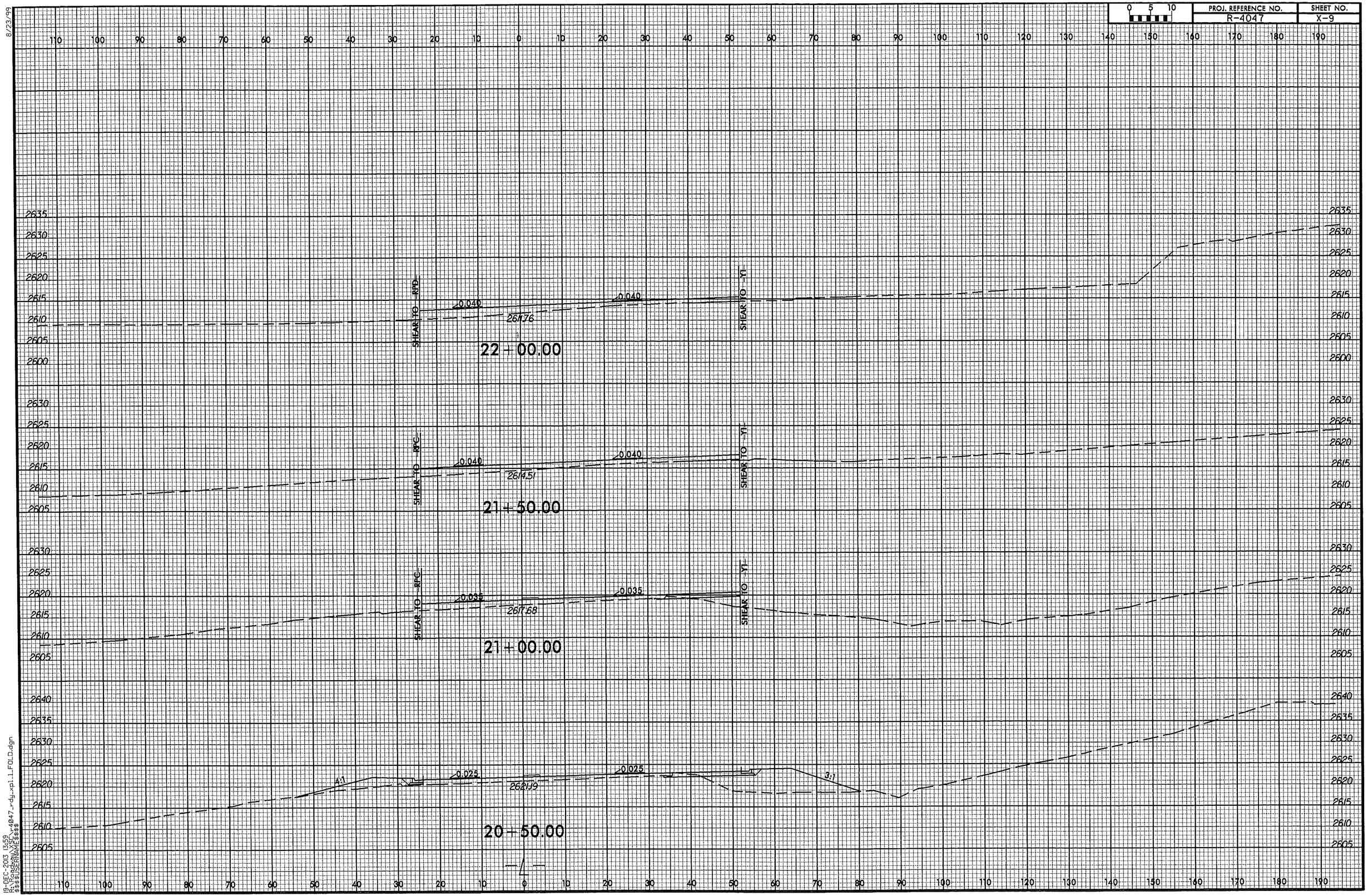

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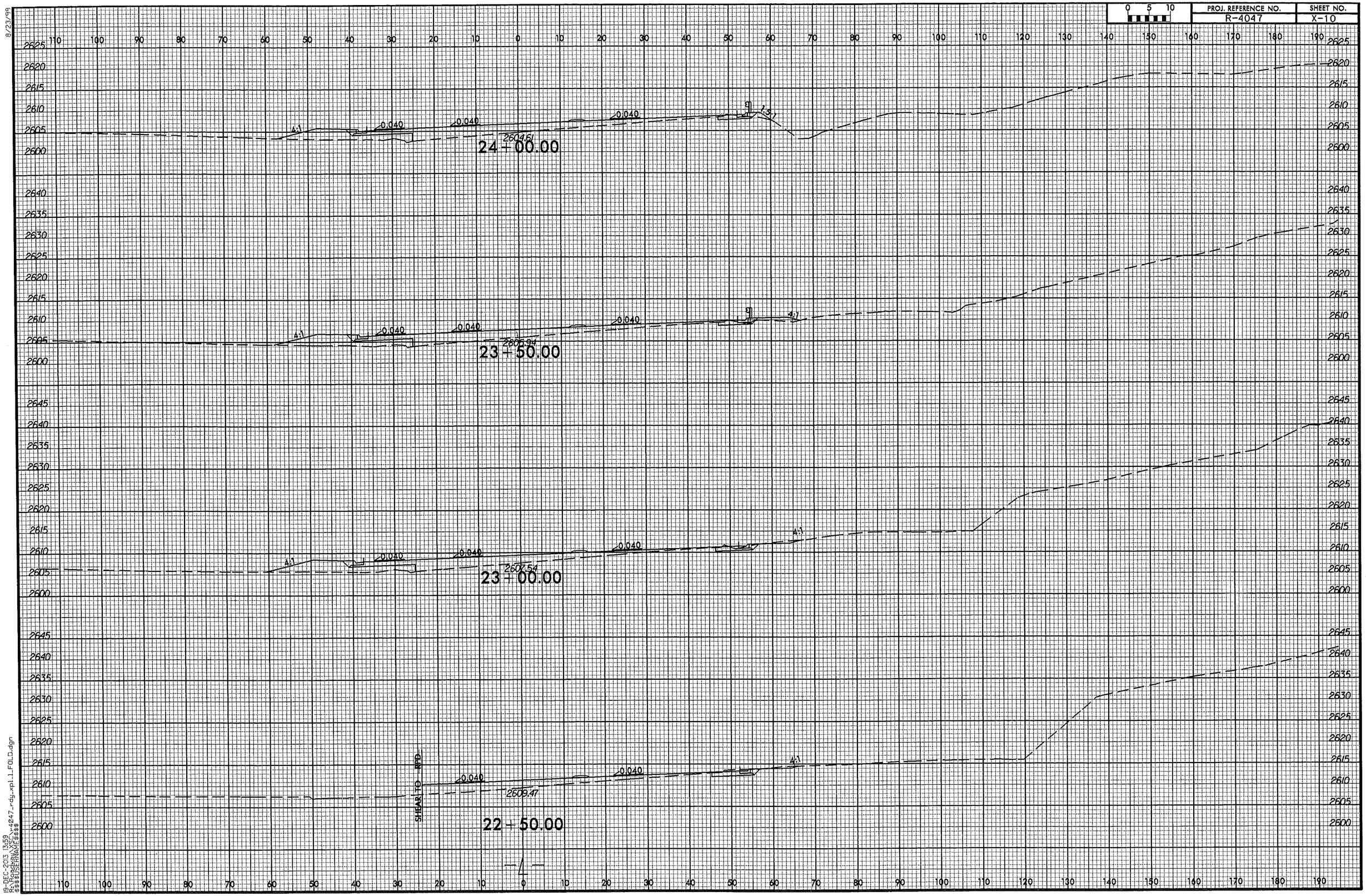

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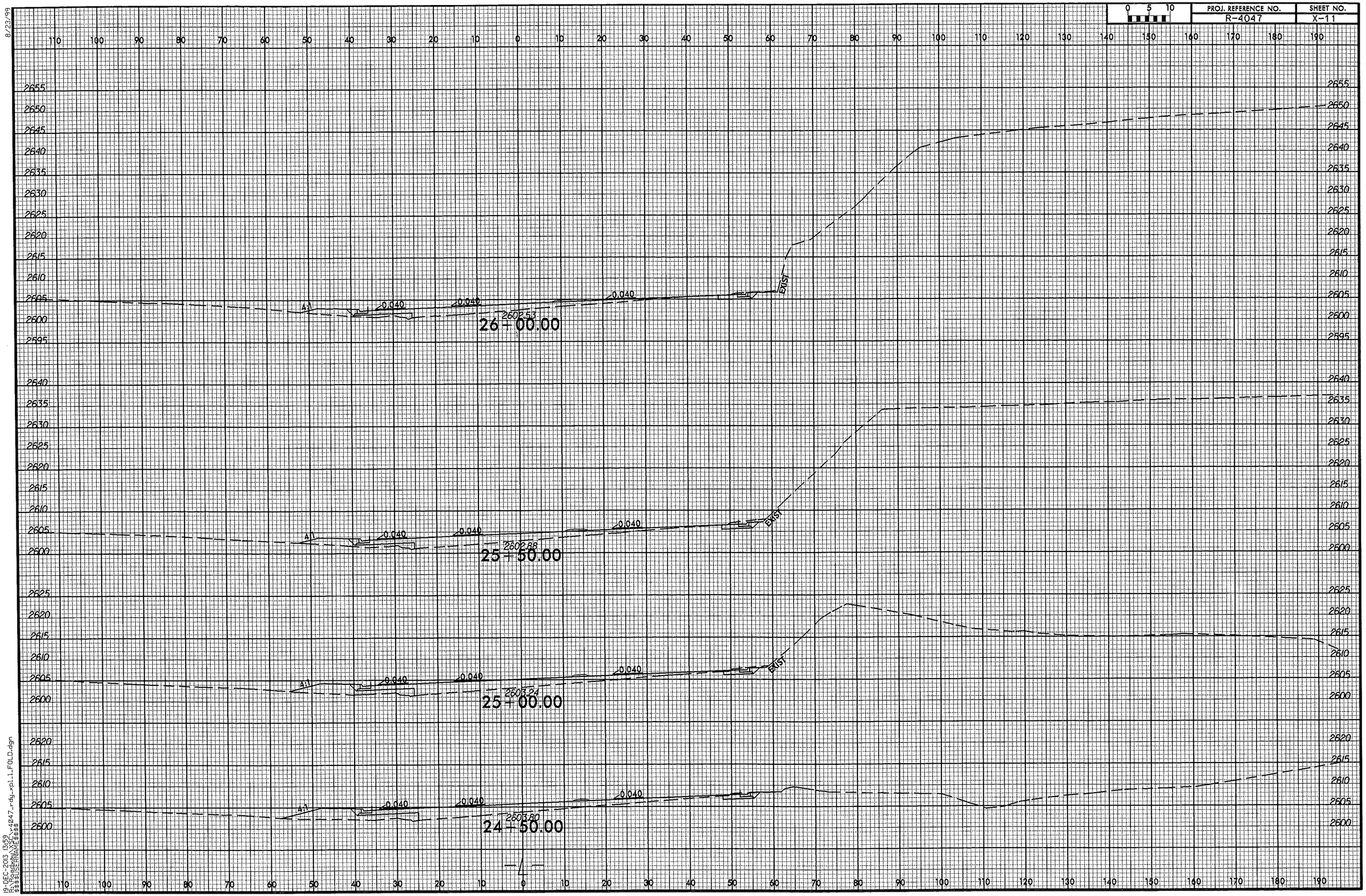
	R-4047	X-11



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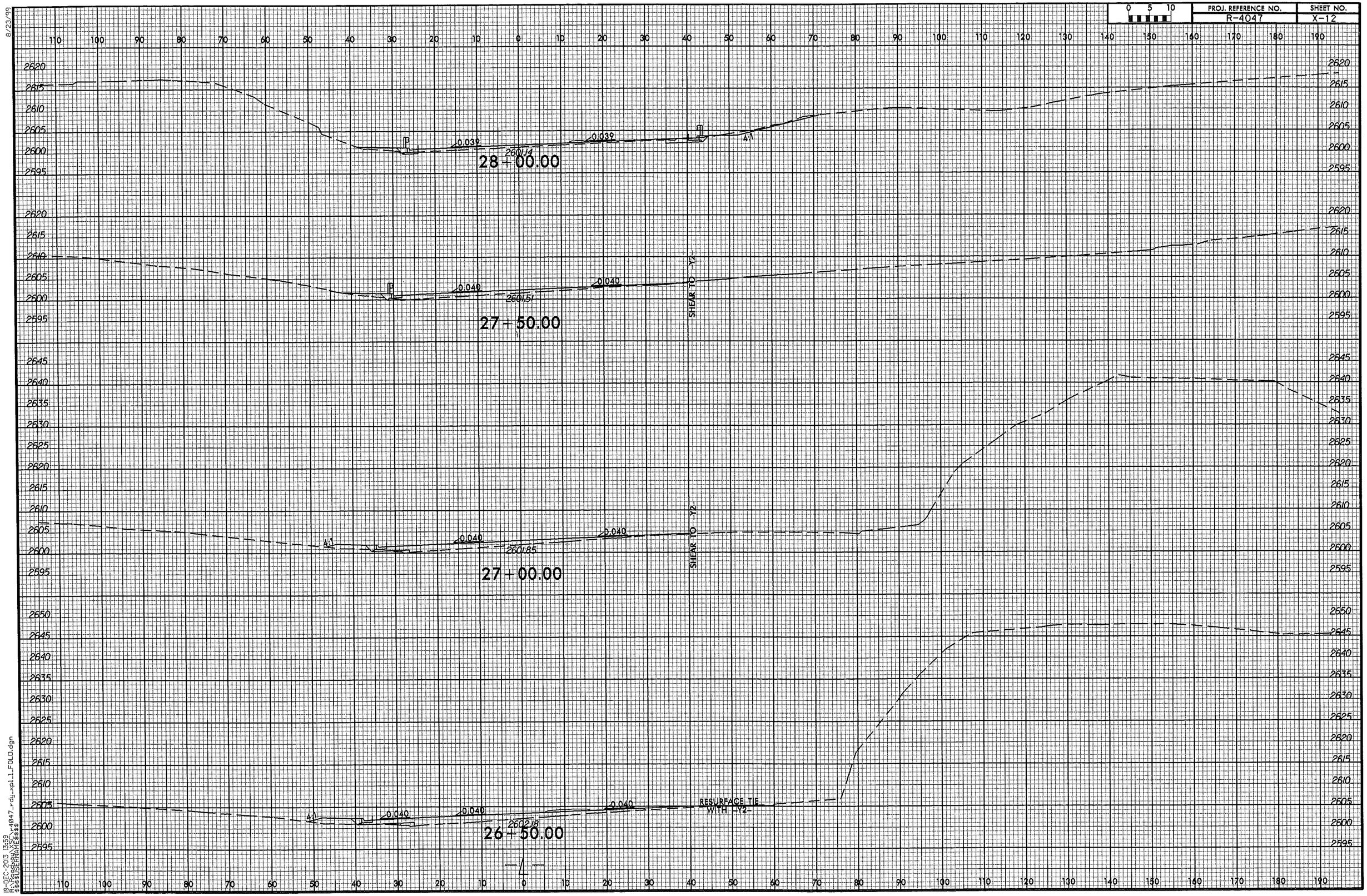

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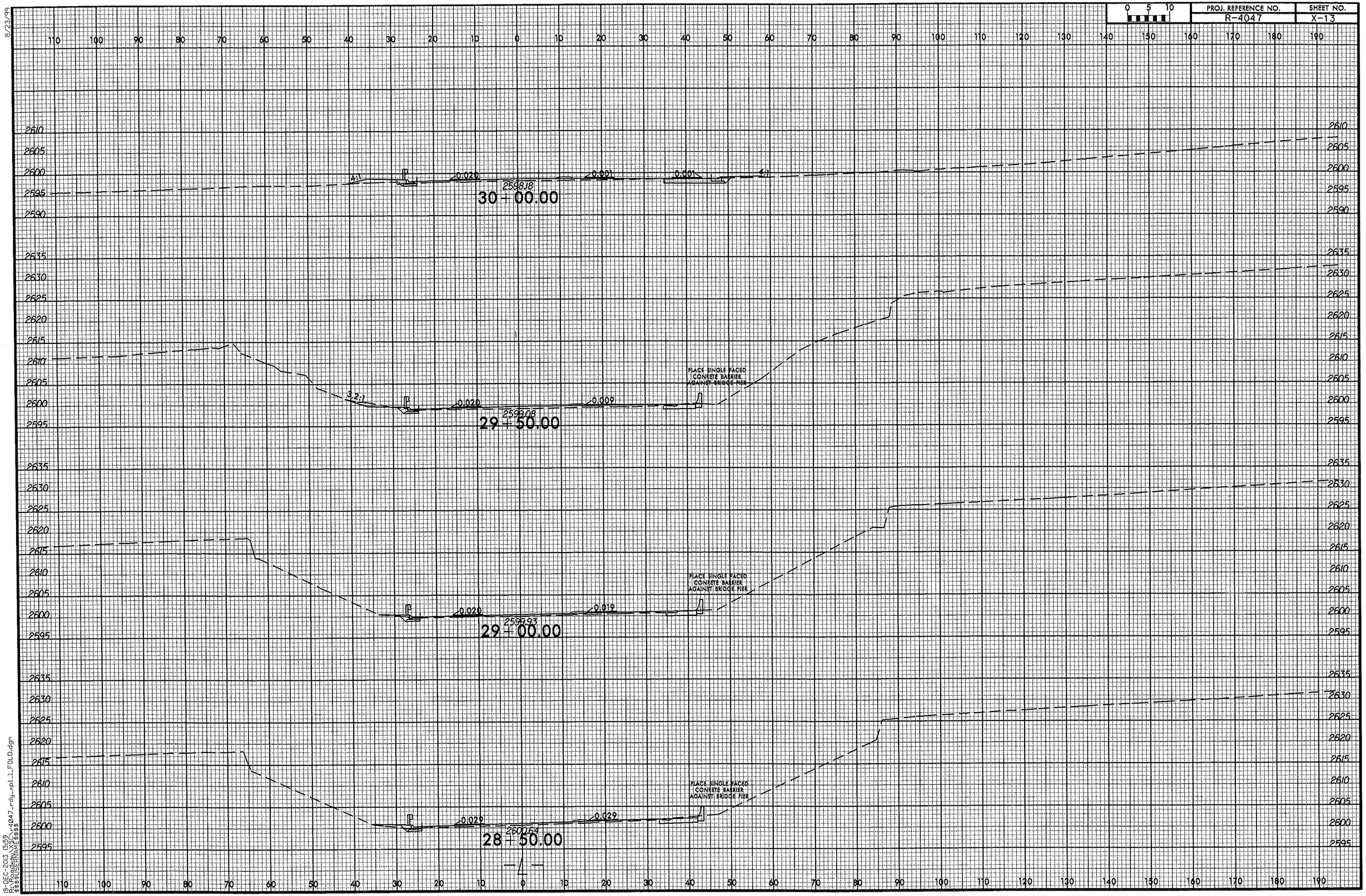

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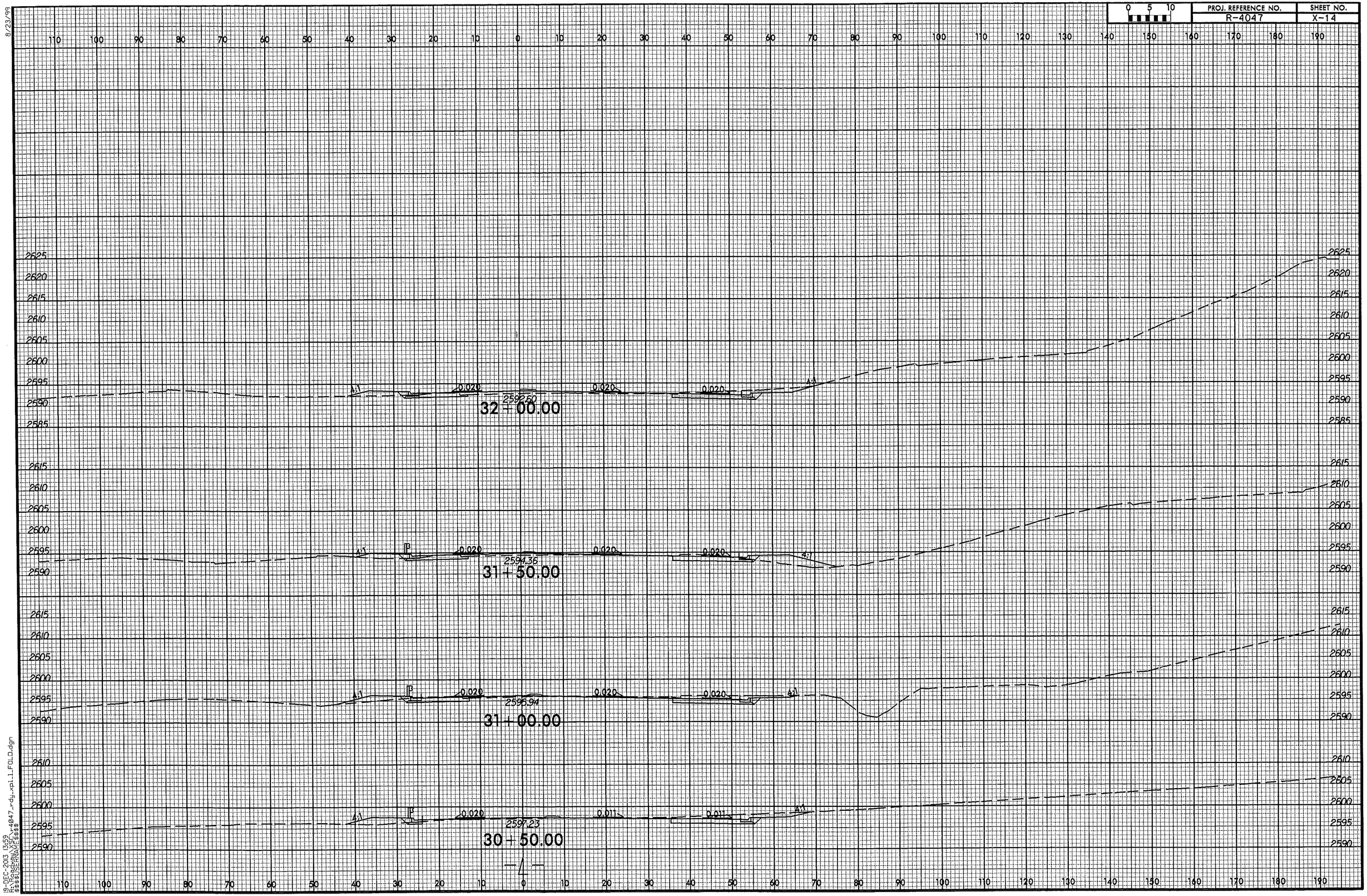

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	R-4047	X-15

110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190

2630 2625 2620 2615 2610 2605 2600 2595 2590 2585 2580 2575

SHEAR TO LPB

0.020

2586.62

0.020

SHEAR TO Y3

33+50.00

SHEAR TO LPB

0.020

2586.65

0.020

SHEAR TO Y2

33+00.00

4:1

0.020

2590.71

0.020

0.020

2.8:1

32+50.00

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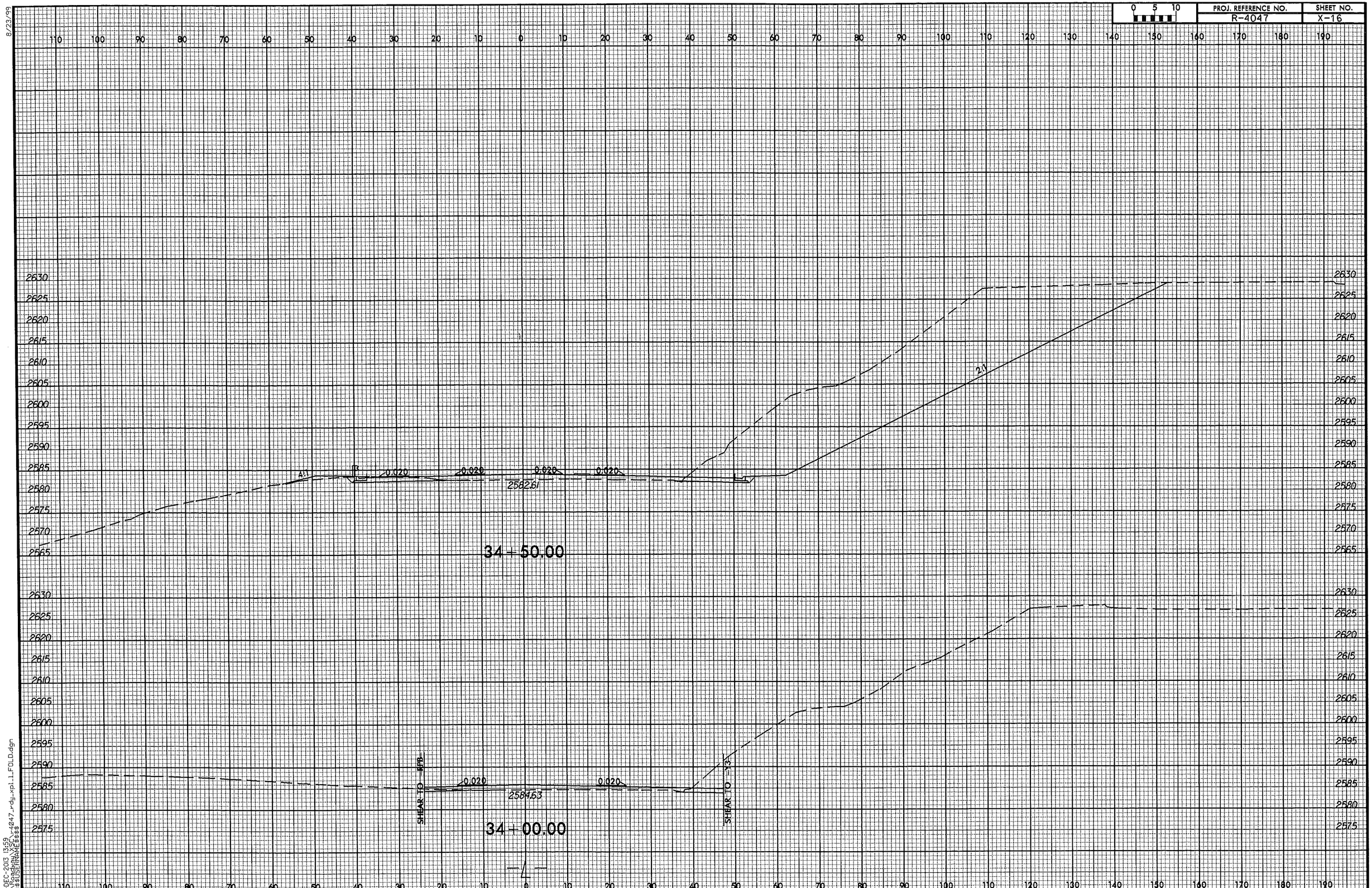

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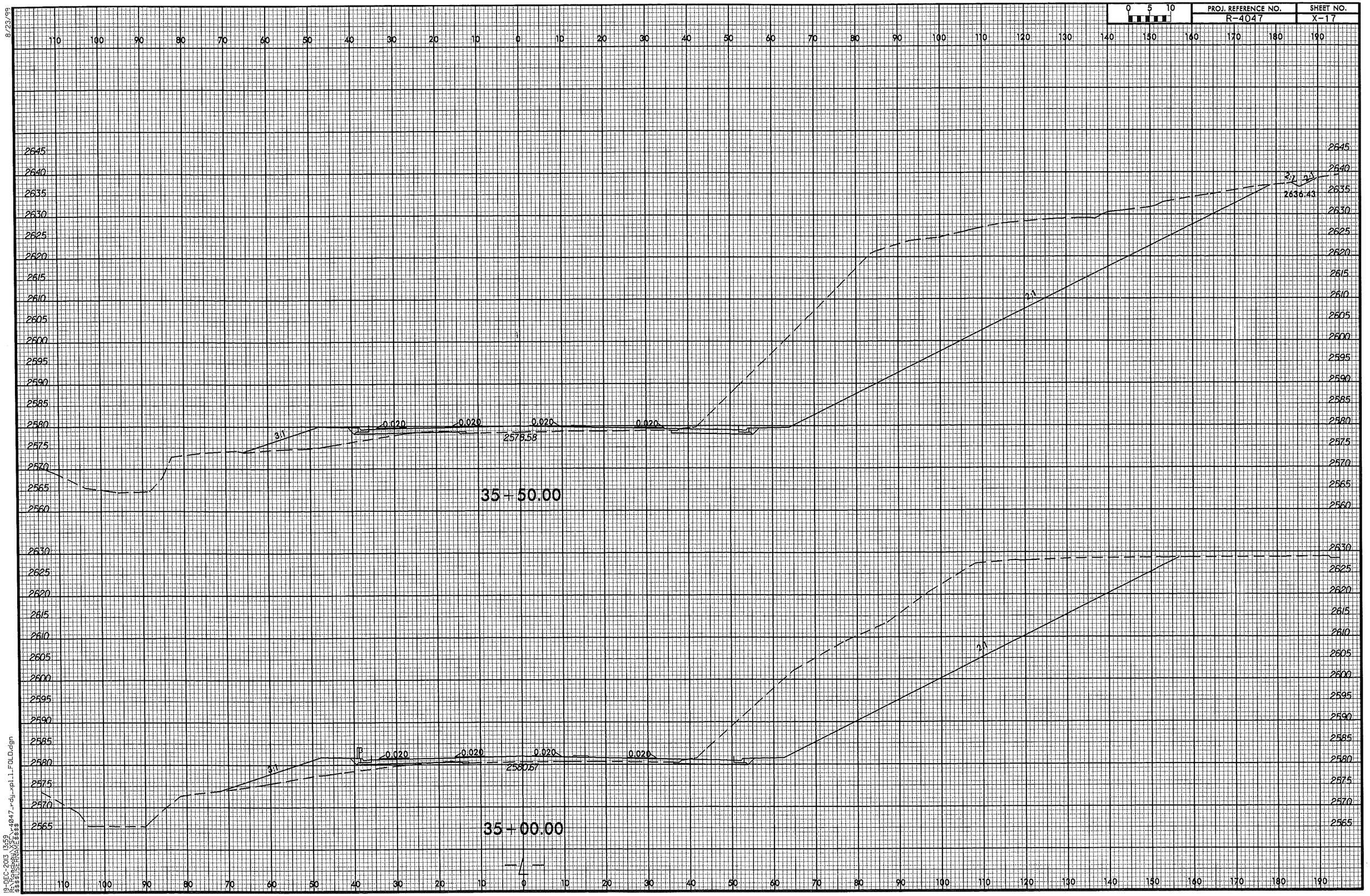

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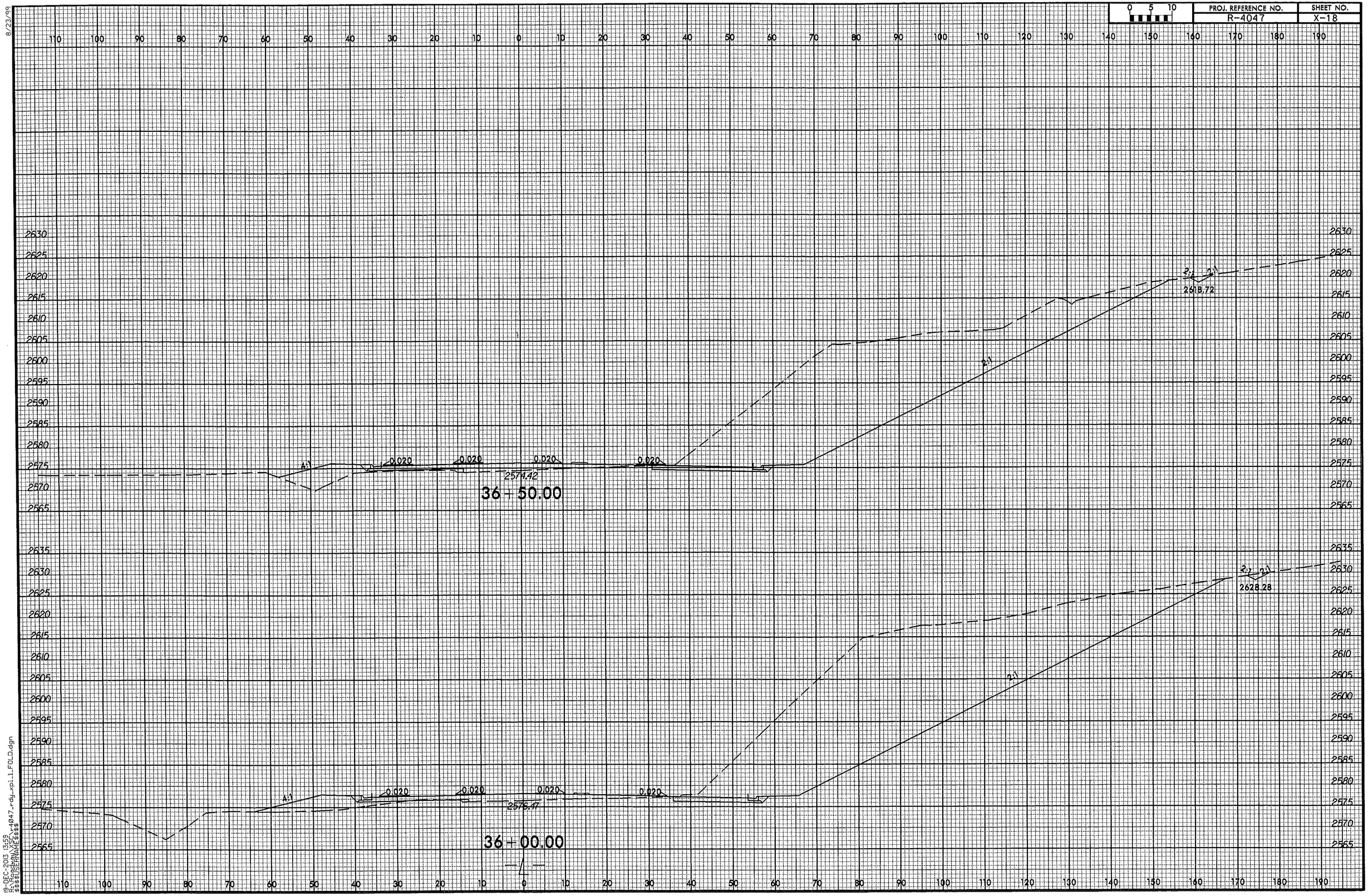
R-4047
SHEET NO.
X-17
0 5 10
35+50.00
35+00.00
2578.58
2580.67
2636.43
0.020
3:1
2:1



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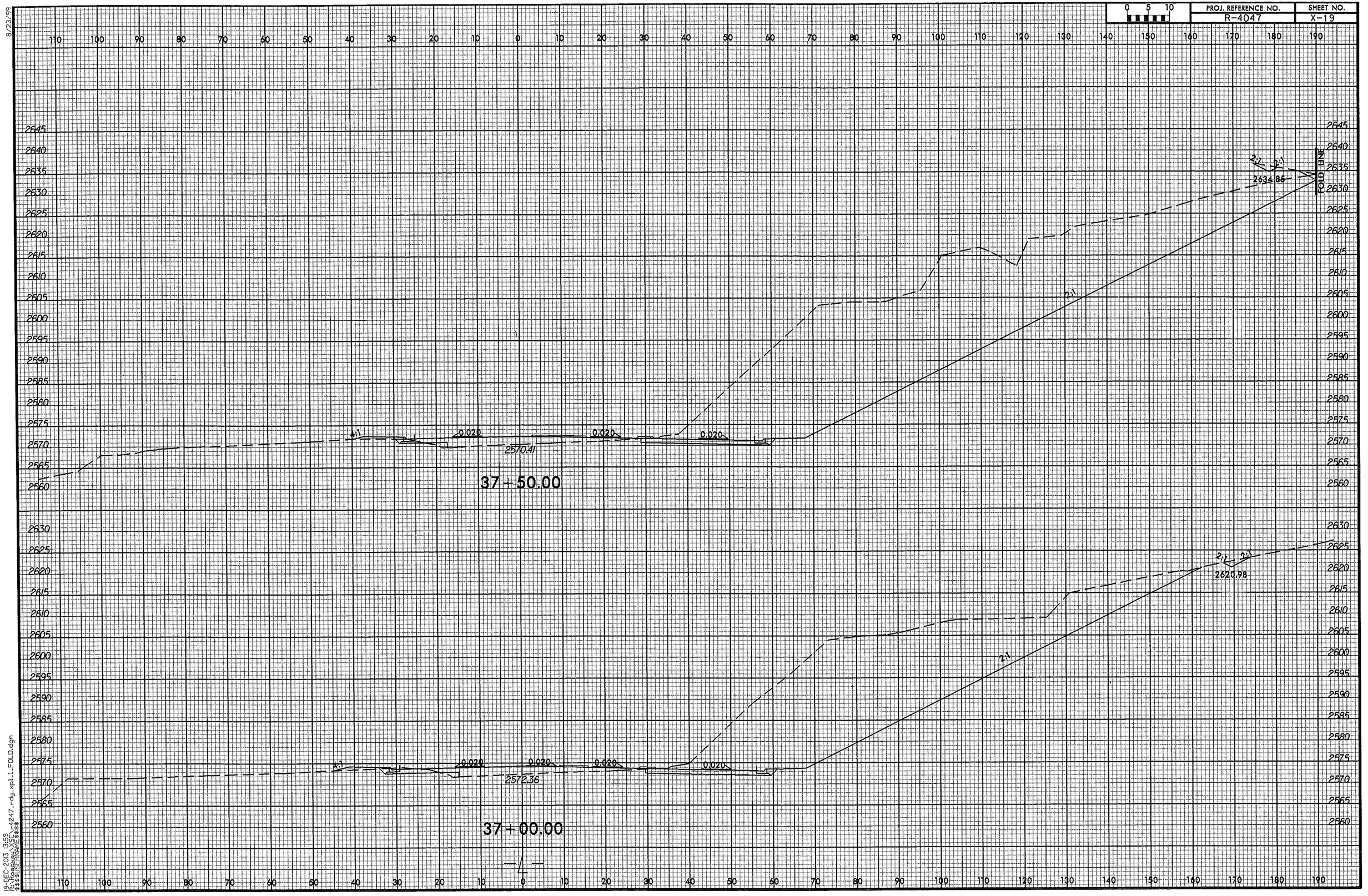
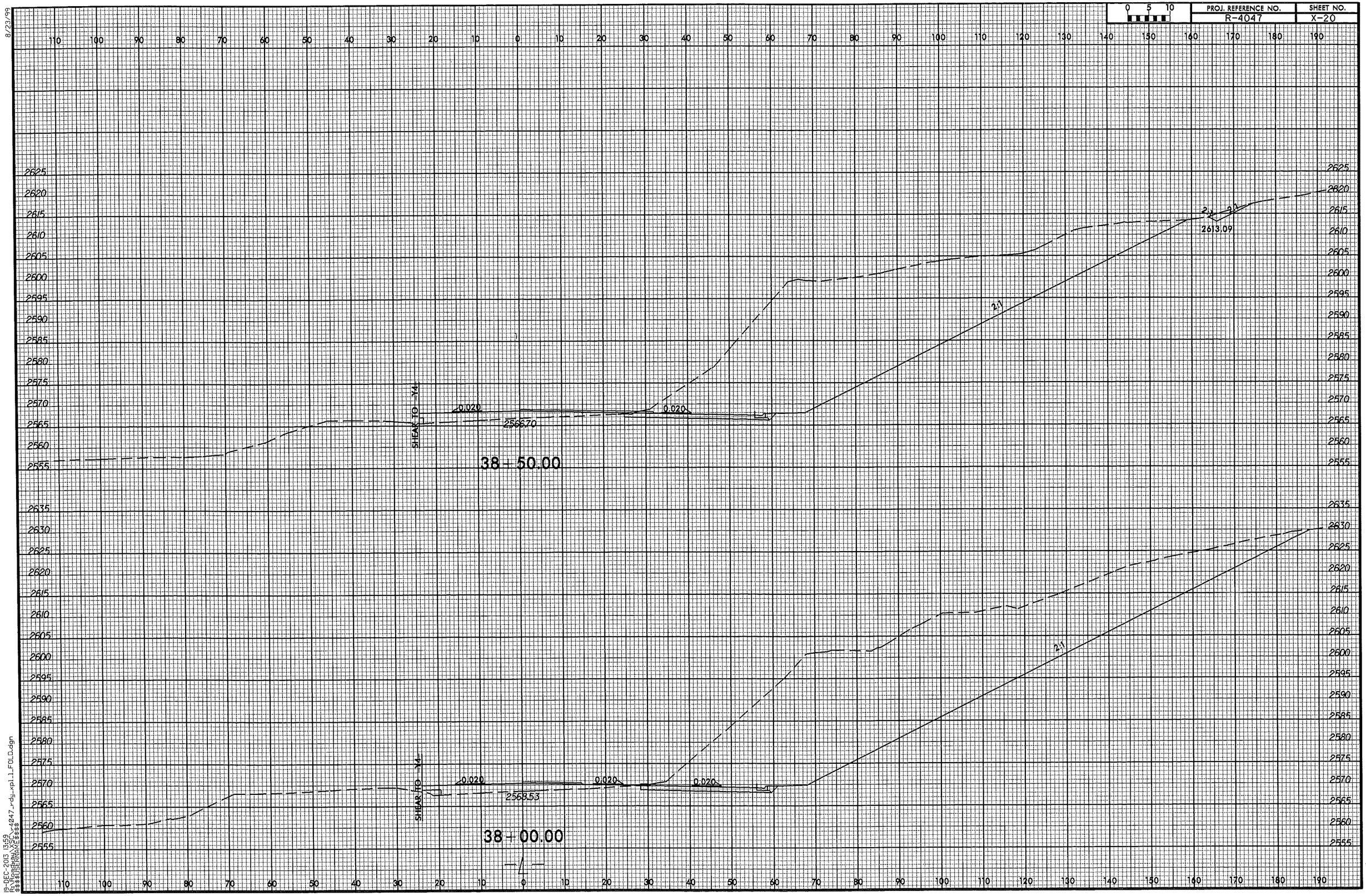


8/23/99

19-DEC-2013 13:59
R:\Roadway\XSC\r4047_rdy_xpl_1_FOLD.dgn
$$$$USERNAME$$$$



8/23/99

19-DEC-2013 13:59
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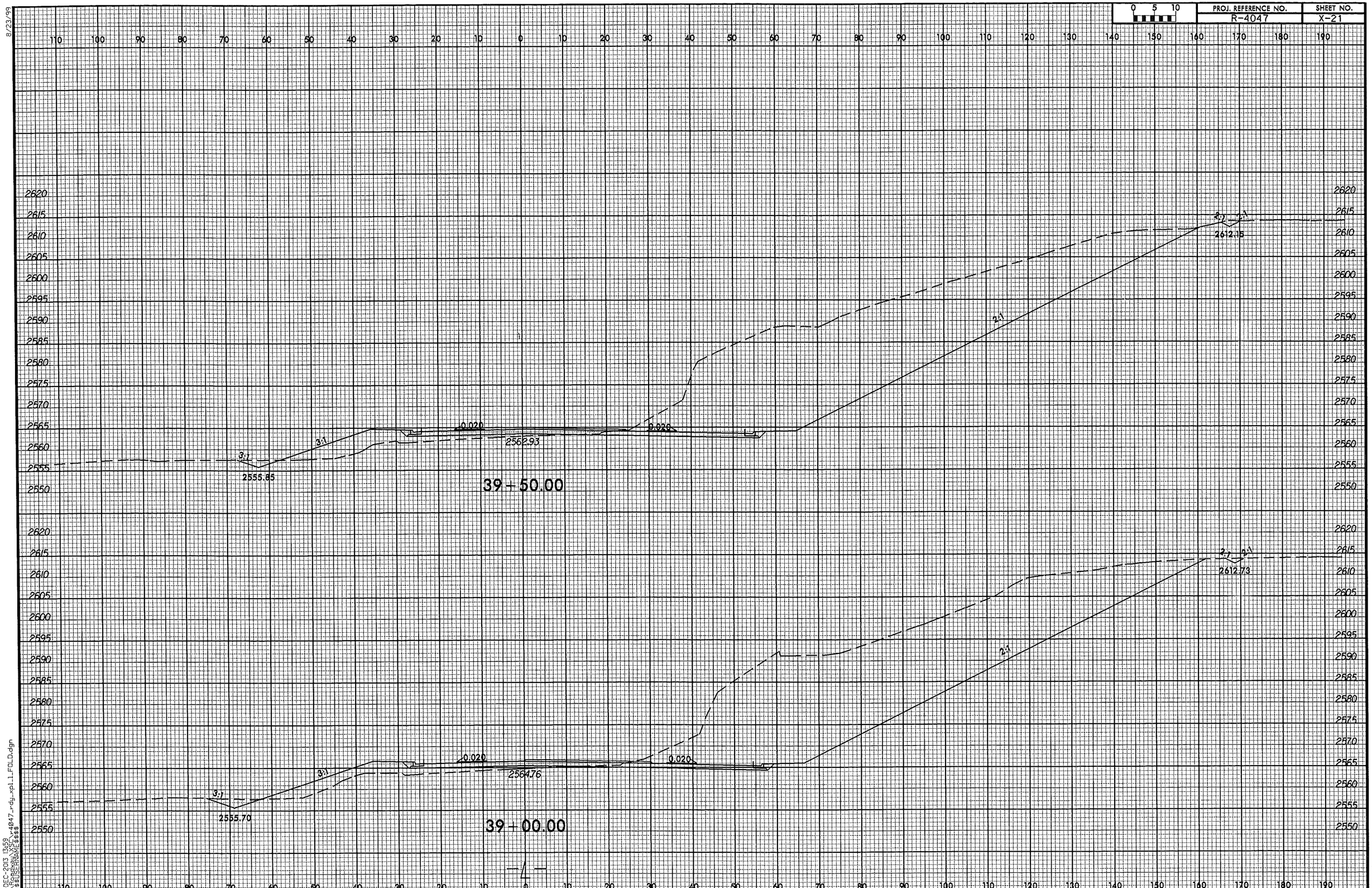
$$$$USERNAME$$$$

8/23/99

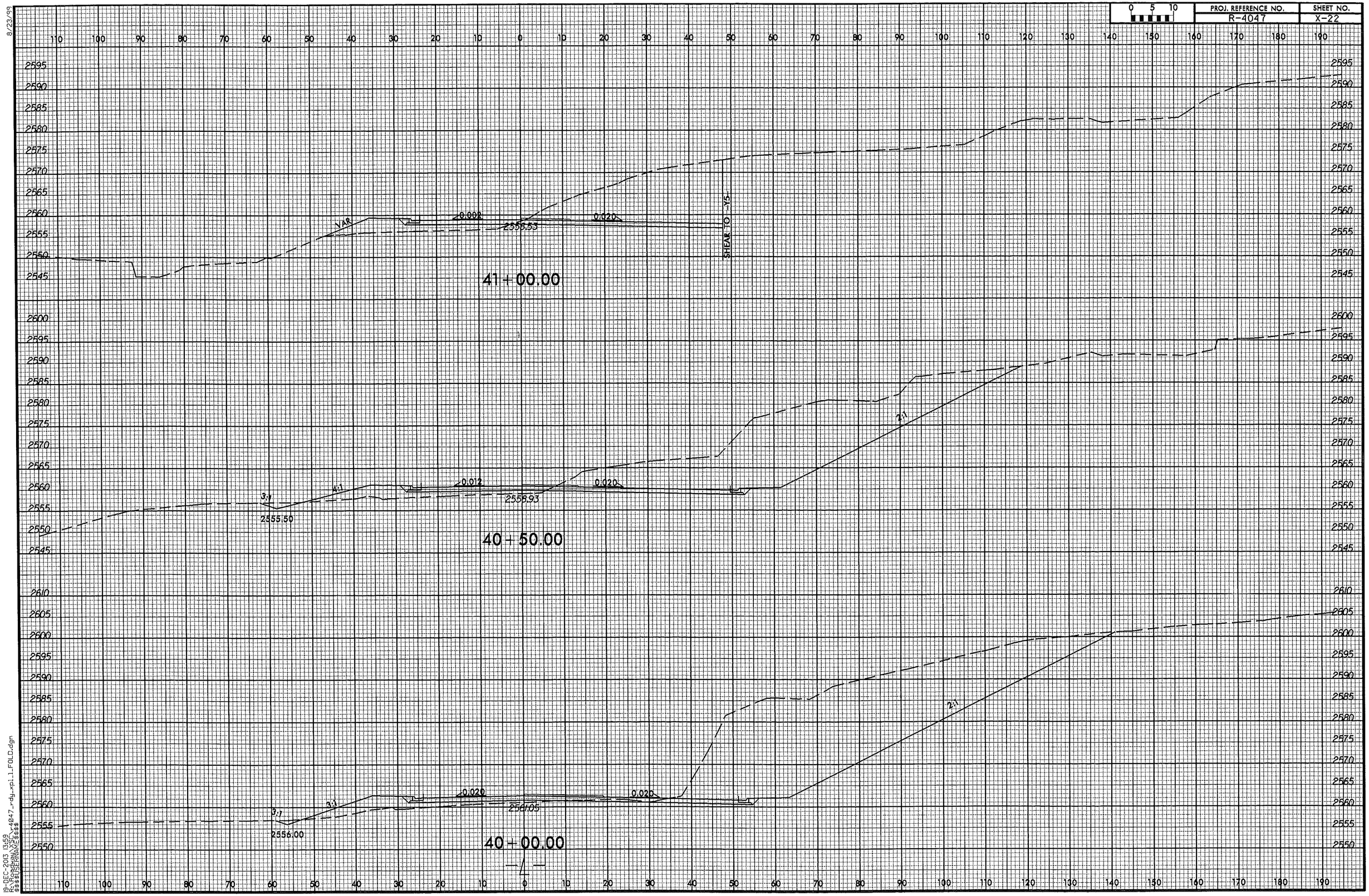
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-4047	X-21



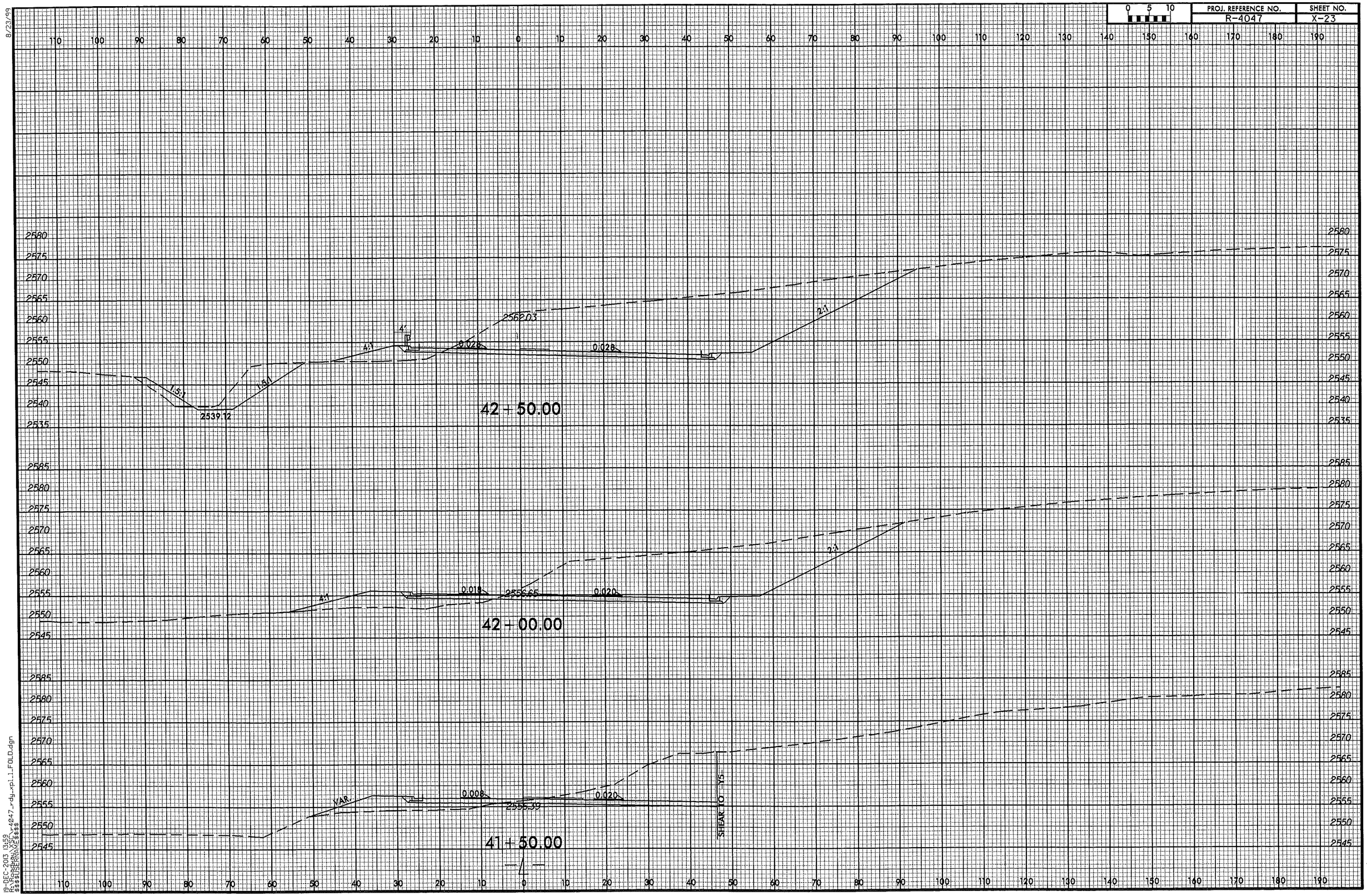
19-DEC-2013 13:59
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-4047	X-22

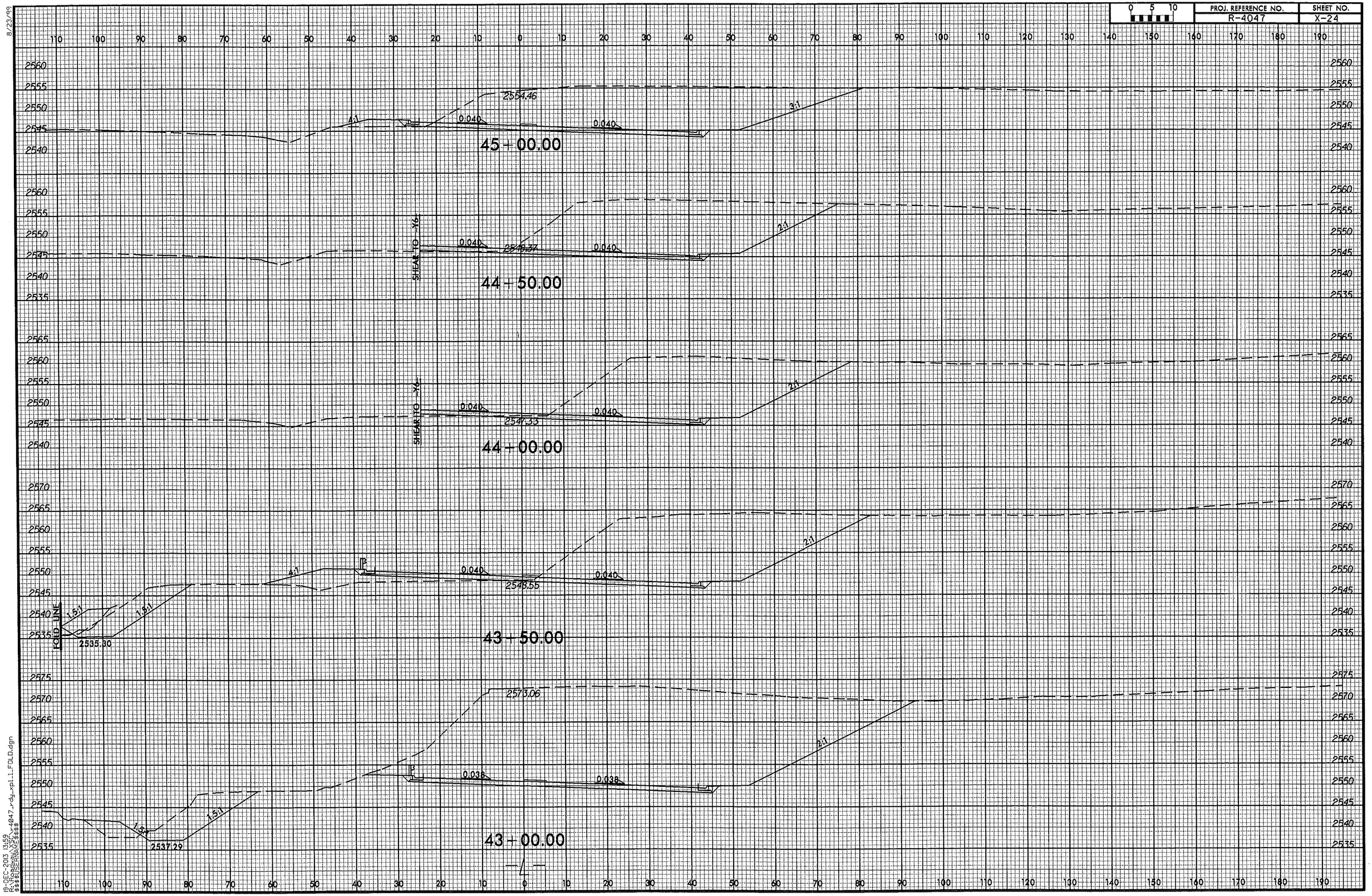


19-DEC-2013 13:59
R:\Projects\r4047_rdy_xpl1_FOLD.dgn
$$$$USERNAME$$$$



8/23/99

19-DEC-2013 13:59
R:\Roadway\XSC\r4047_rdy_xpl_1_FOLD.dgn
$$$$USERNAME$$$$



8/23/99

19-DEC-2013 13:59
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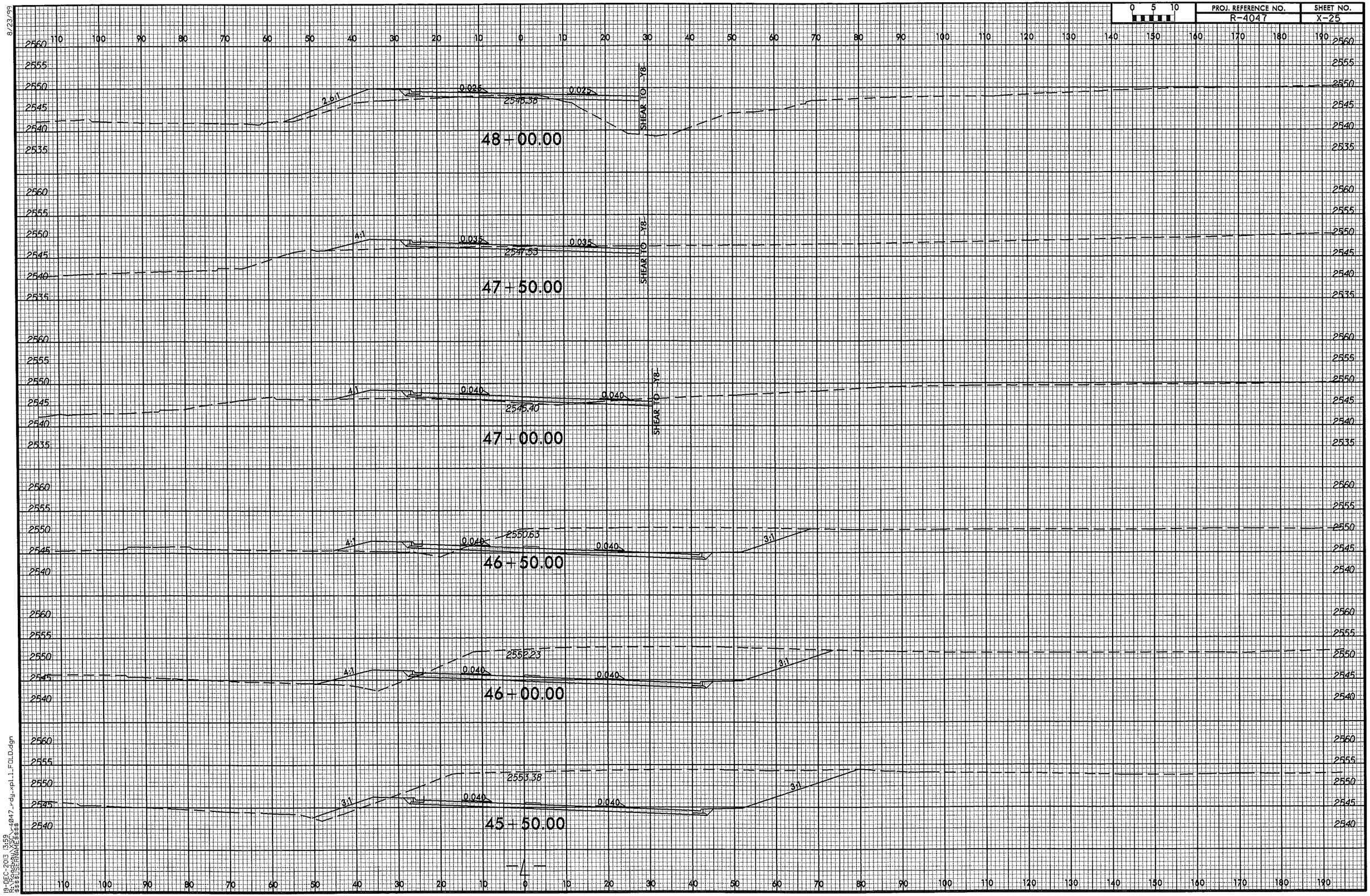

8/23/99

19-DEC-2013 13:59
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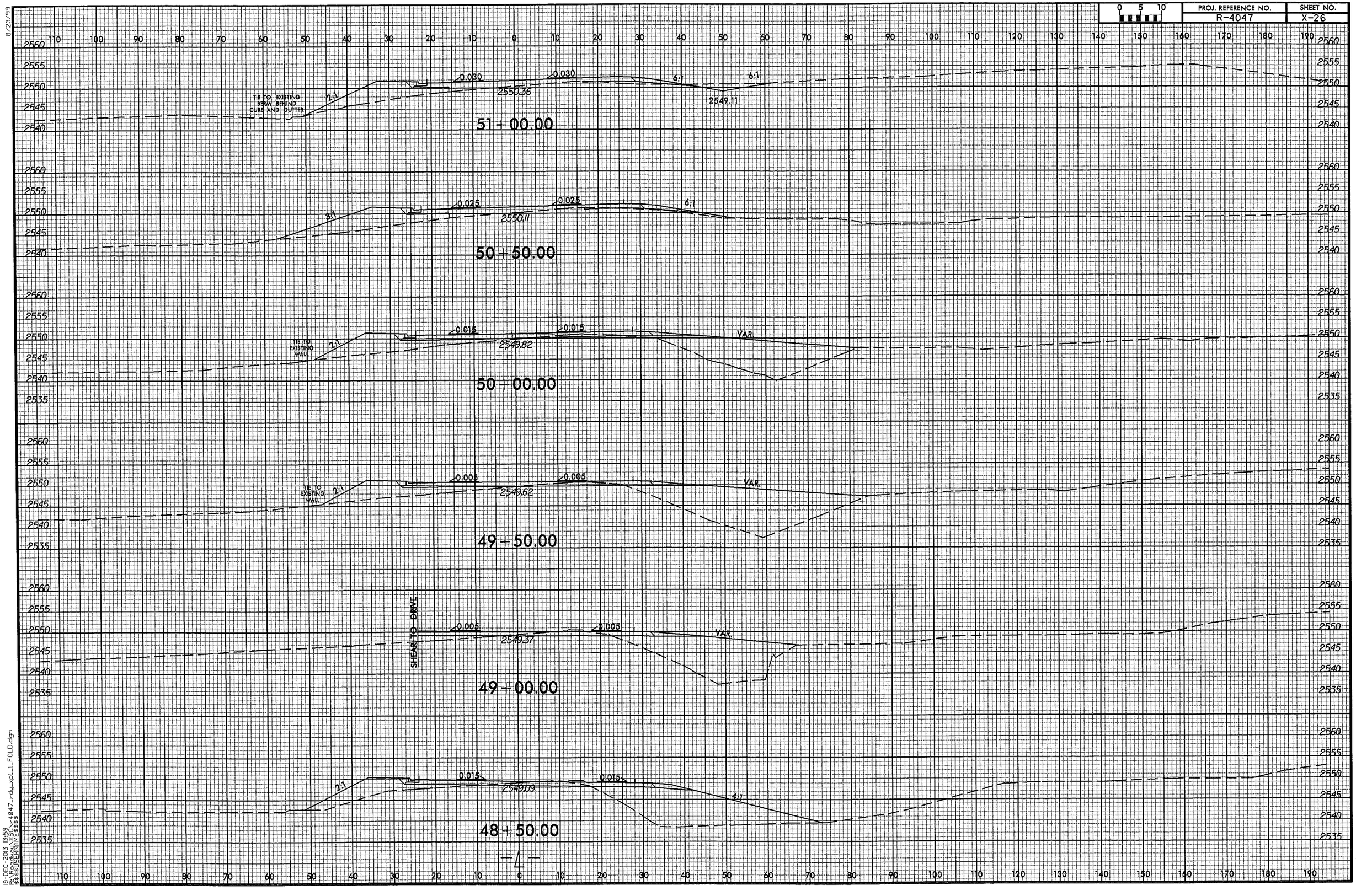
$$$$USERNAME$$$$



8/23/99

19-DEC-2013 13:59
R:\Roadway\XSC\r4047_rdy_xpl_1_FOLD.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-4047	X-27

110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190

2580 2575 2570 2565 2560 2555 2550 2545 2540

A:1 0.020 0.017 2551.30

53+00.00

2570 2565 2560 2555 2550 2545 2540

A:1 0.027 0.027 2551.25 2:1

52+50.00

2565 2560 2555 2550 2545 2540

SHEAR TO DRIVE

0.030 0.030 VAR 2551.07

52+00.00

2560 2555 2550 2545 2540

SHEAR TO DRIVE

0.030 0.030 2550.62

51+50.00

110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190

19-DEC-2013 14:00
d:\projects\r4047_rdy_xp1.1_FOLD.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-4047	X-28

END CONSTRUCTION -L- STA. 54+00.00

2.70:1 | 0.025 | 0.003 | VAR

2551.25

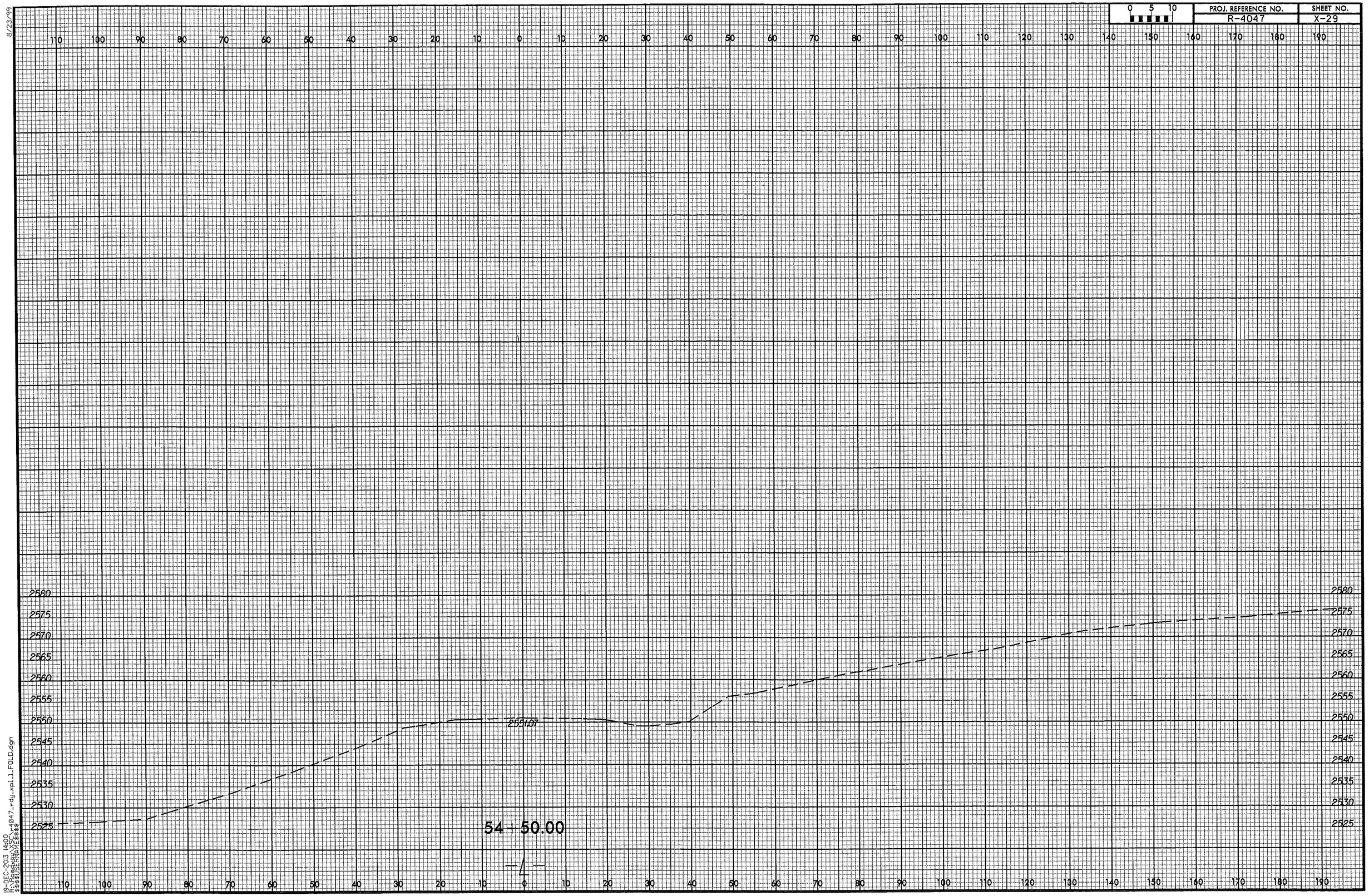
54+00.00

VAR | 0.020 | 0.007 | VAR

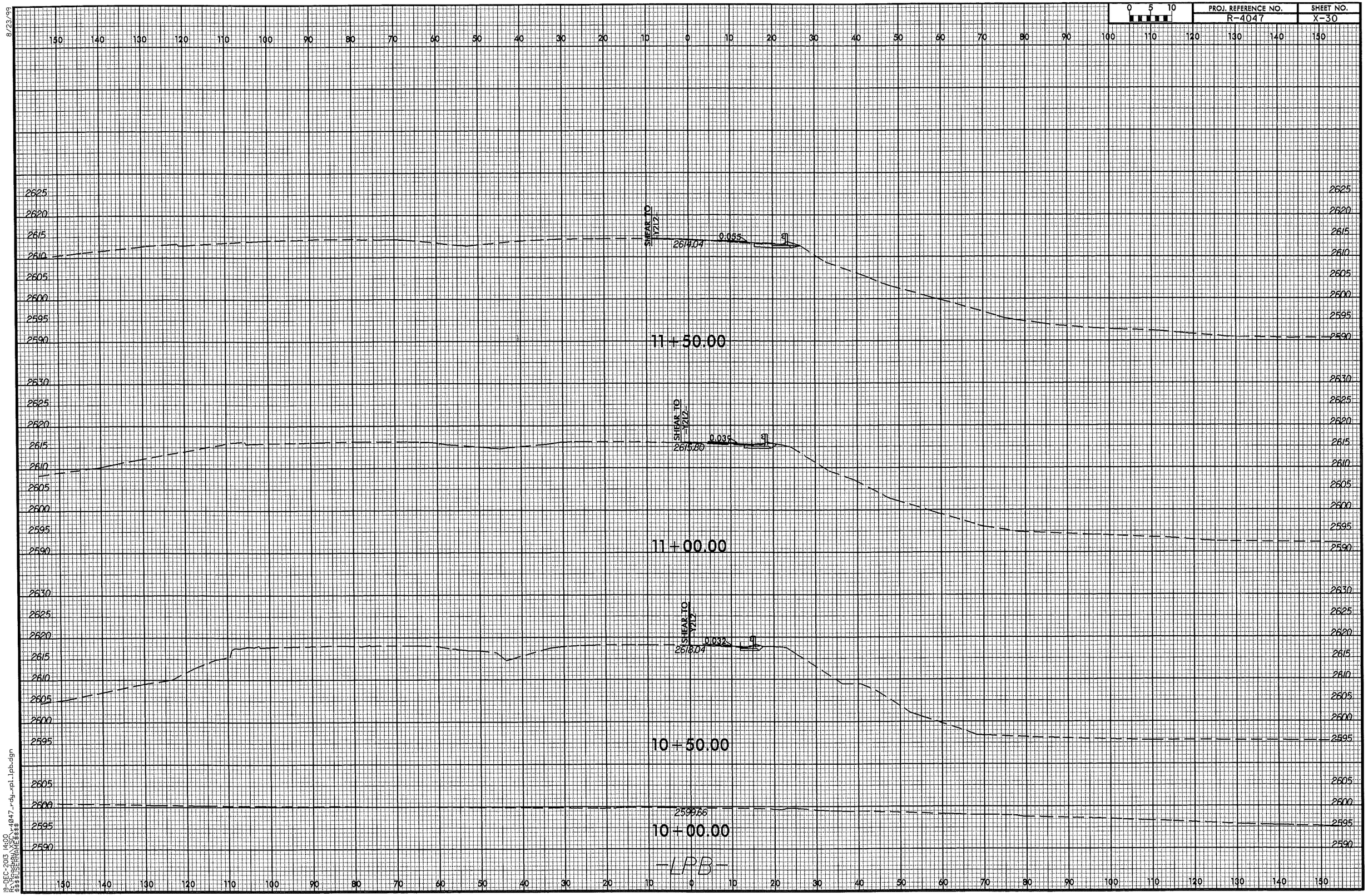
2551.29

53+50.00

19-DEC-2013 14:00
$$$$USERNAME$$$$
$$$$R-4047_rdy_xpl1_FOLD.dgn

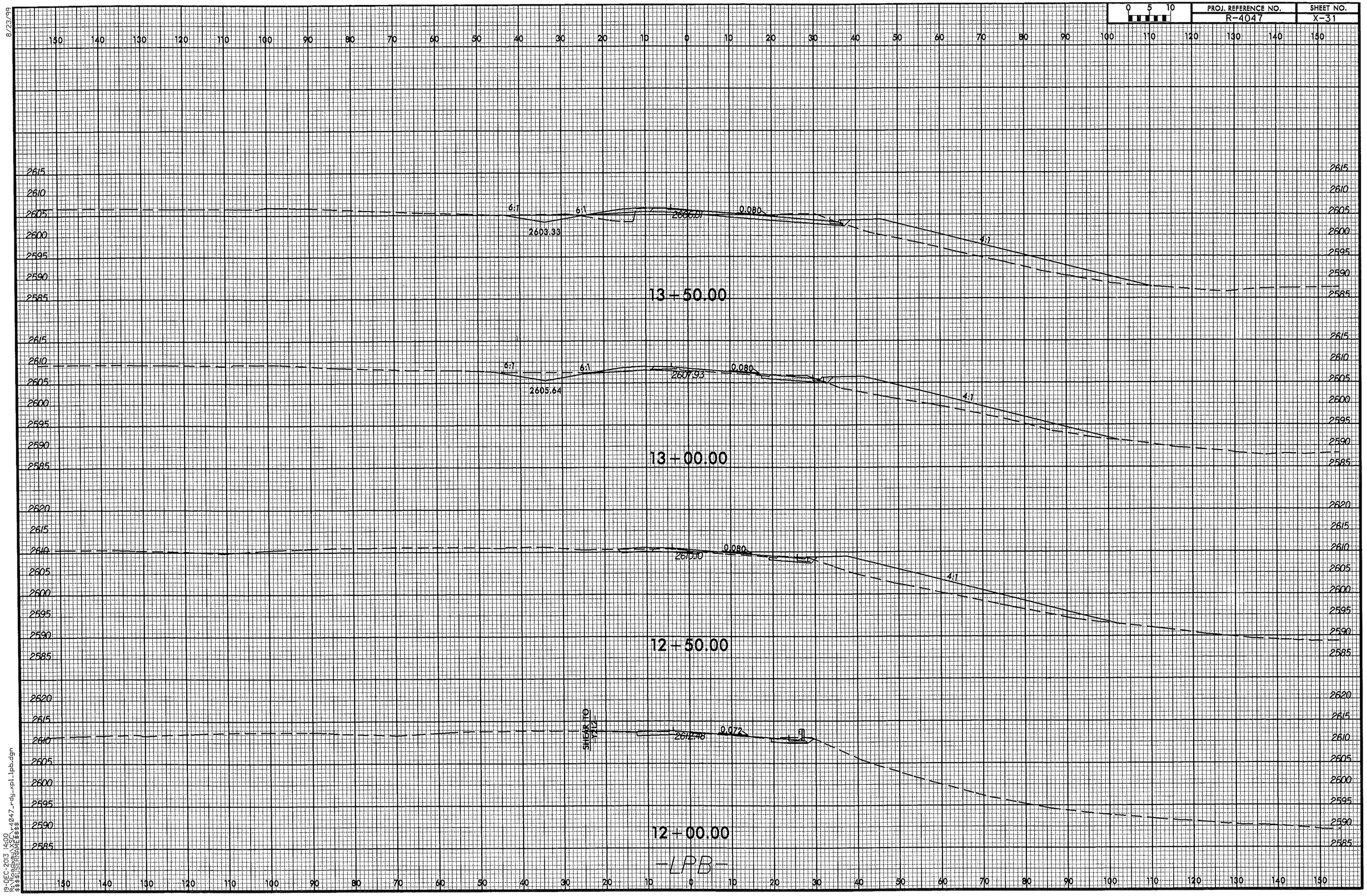


8/23/99
19-DEC-2013 14:00
R:\Roadway\XSC\r4047_rdy_xpl_1_FOLD.dgn
$$$$USERNAME$$$$



8/23/99

19-DEC-2013 14:00
R:\Roadway\XSC\r4047_rdy_xpl_lpb.dgn
$$$$USERNAME$$$$



8/23/99

19-DEC-2013 14:00
R:\Roadway\XSC\r4047_rdy_xpl_lpb.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-4047	X-32

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

2635 2630 2625 2620 2615 2610 2605 2600 2595 2590 2585

2597.95

15+50.00

SHEAR TO RPB

2595.70 6:1 2600.03 0.08D 4:1

15+00.00

2598.13 2.75:1 6:1 2602.28 0.08D 4:1

14+50.00

2600.81 3.88:1 6:1 2604.38 0.08D 4:1

14+00.00

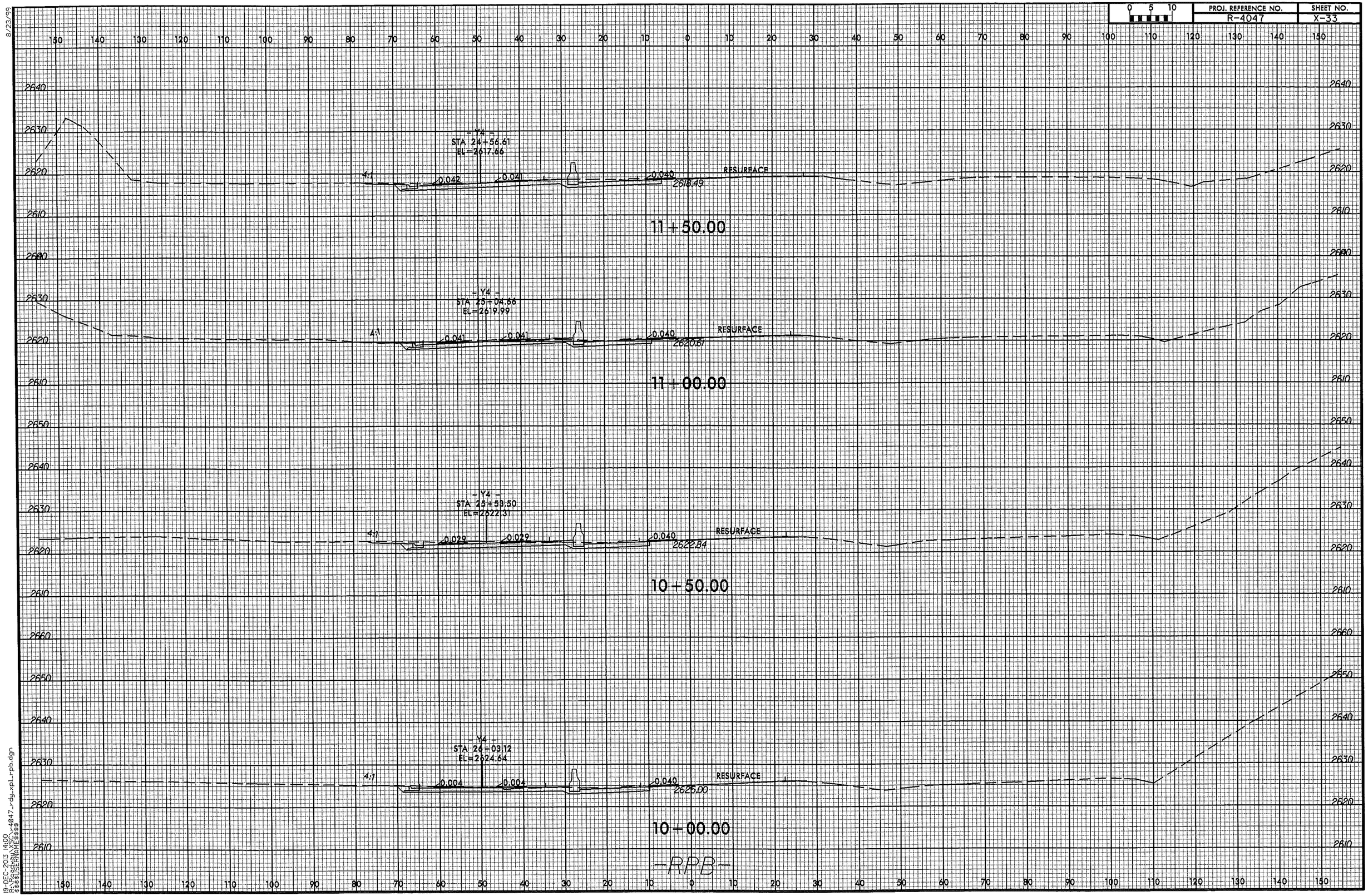
-LPB-

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

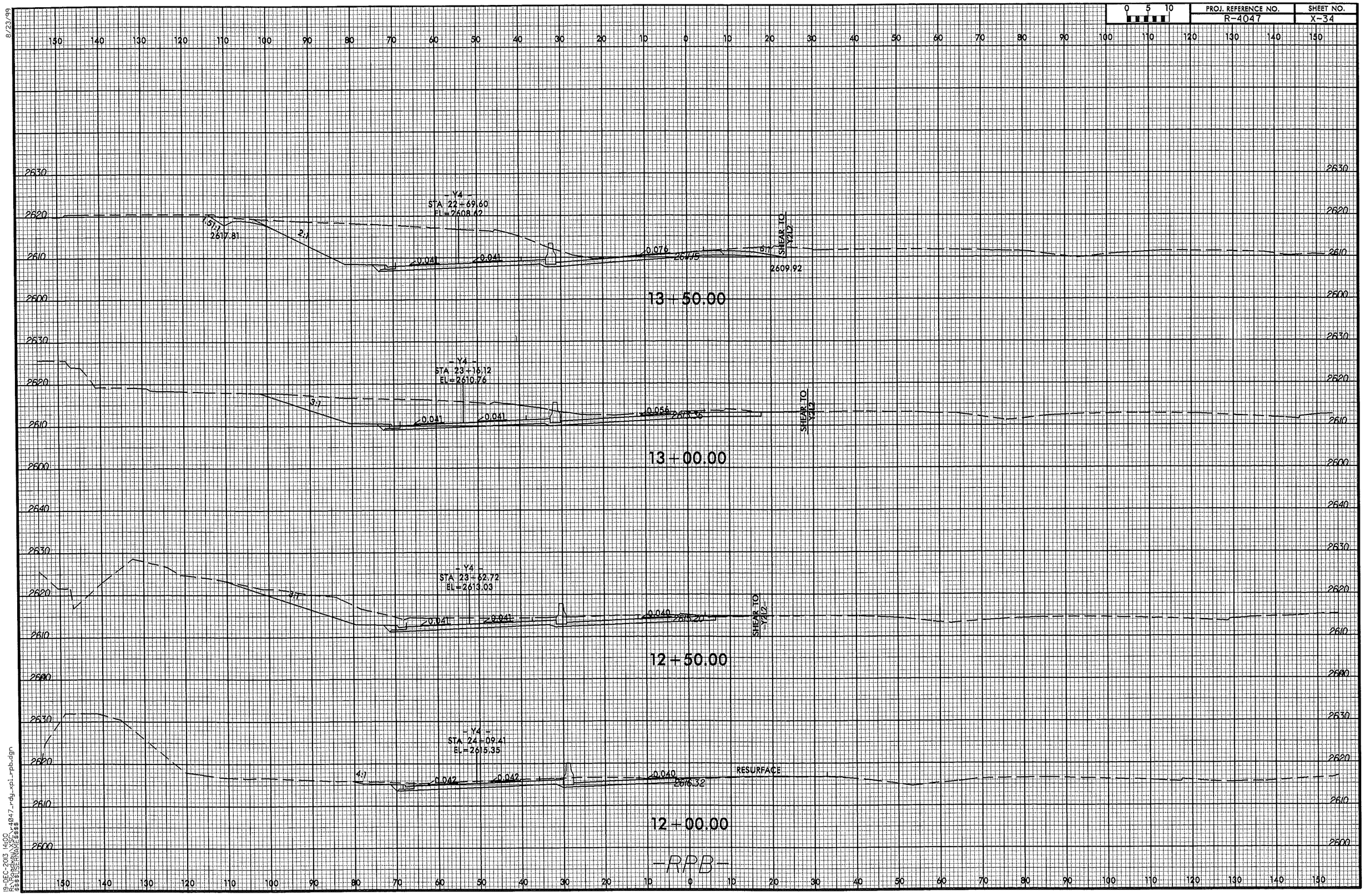
19-DEC-2013 14:00
R:\Projects\XSEC\r4047_rdy_xpl_lpb.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-4047	X-33



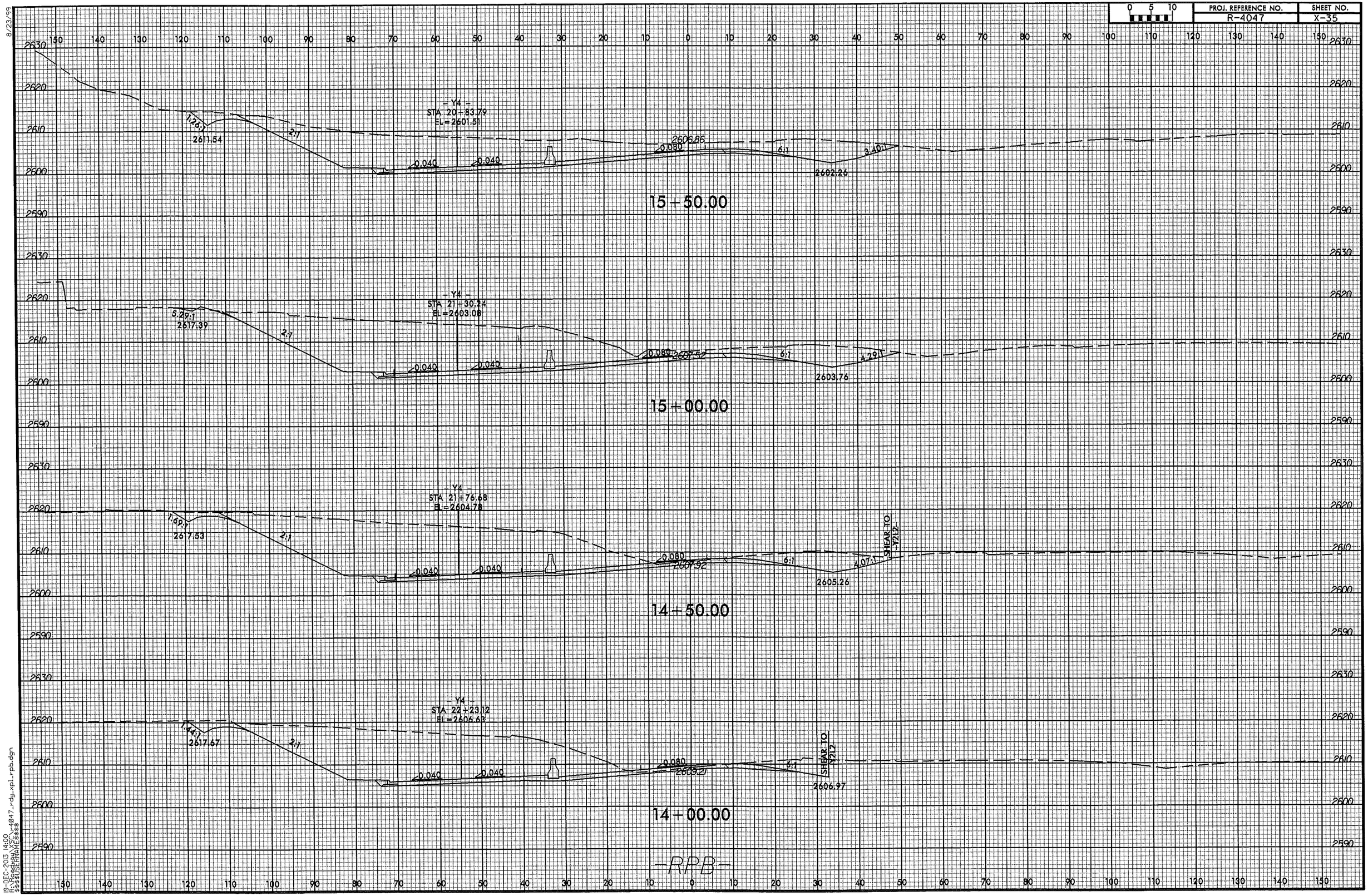
19-DEC-2013 14:00
$$$$USERNAME$$$$ M:\...\r4047_rdy_xpl_rpb.dgn



PROJ. REFERENCE NO.
R-4047
SHEET NO.
X-34
0 5 10
8/23/99
- Y4 -
STA 22+69.60
EL=2608.62
1.51:1
2617.81
2:1
0.041
0.041
0.076
2611.15
6:1
SHEAR TO Y2L2
2609.92
13+50.00
- Y4 -
STA 23+16.12
EL=2610.76
3:1
0.041
0.041
0.056
2613.36
SHEAR TO Y2L2
13+00.00
- Y4 -
STA 23+62.72
EL=2613.03
3:1
0.041
0.041
0.040
2615.20
SHEAR TO Y2L2
12+50.00
- Y4 -
STA 24+09.41
EL=2615.35
4:1
0.042
0.042
0.040
2616.32
RESURFACE
12+00.00
-RPB-
19-DEC-2013 14:00
R:\Roadway\XSC\r4047_rdy_xpl_rpb.dgn
$$$$USERNAME$$$$

8/23/99

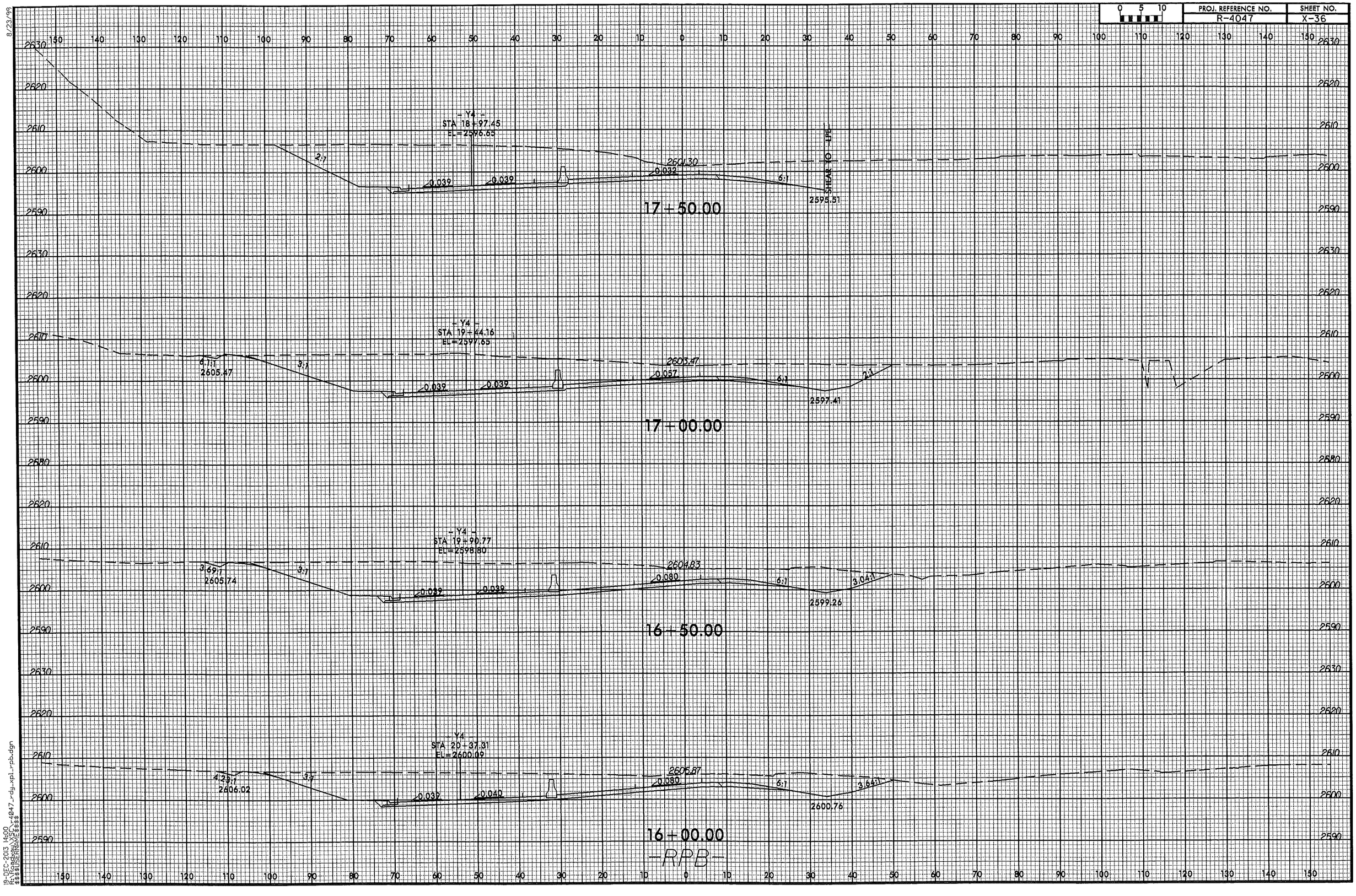
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-4047	X-35



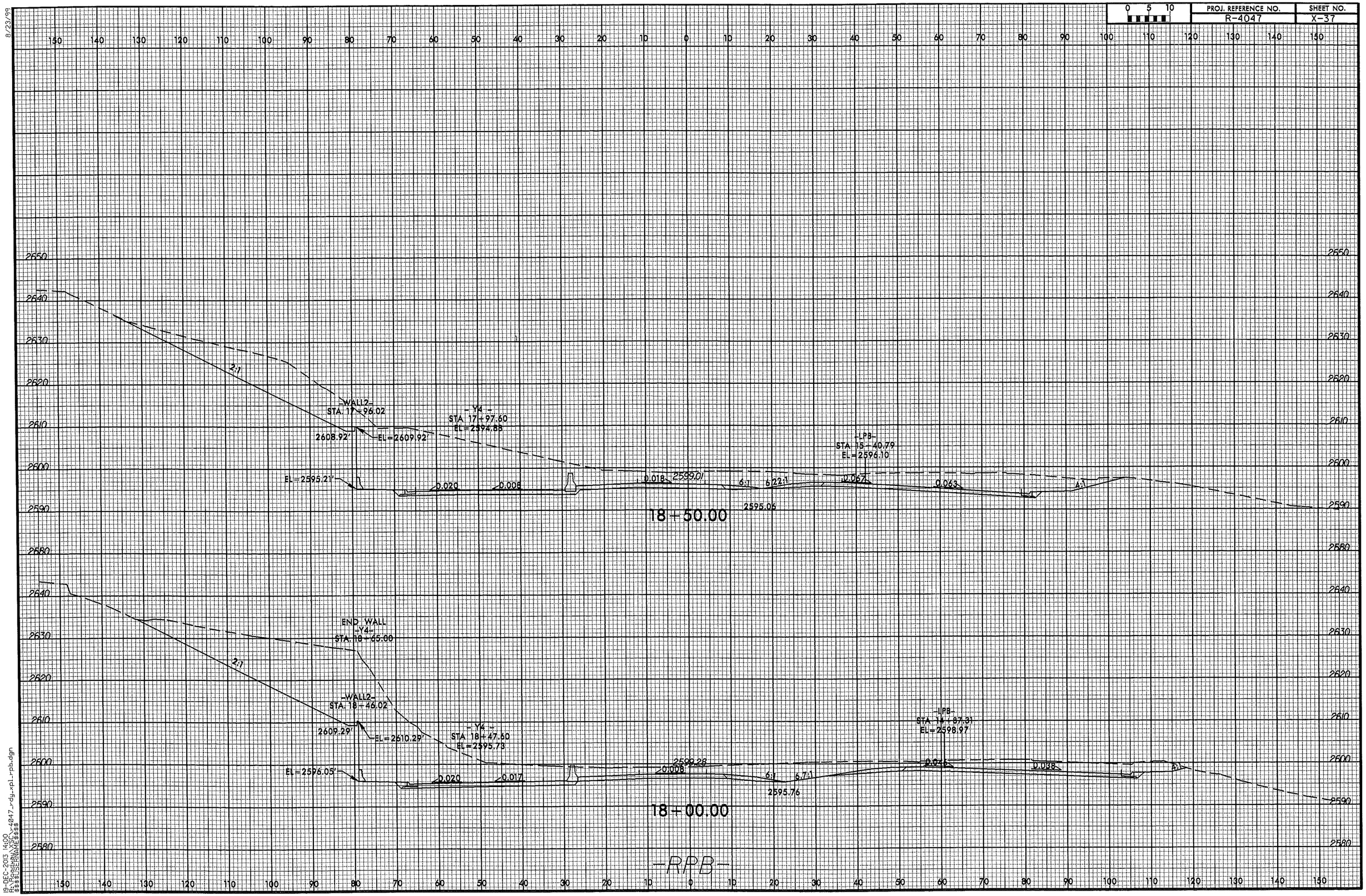
19-DEC-2013 14:00
R:\Projects\XSC\r4047_rdy_xpl_rpb.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-4047	X-36

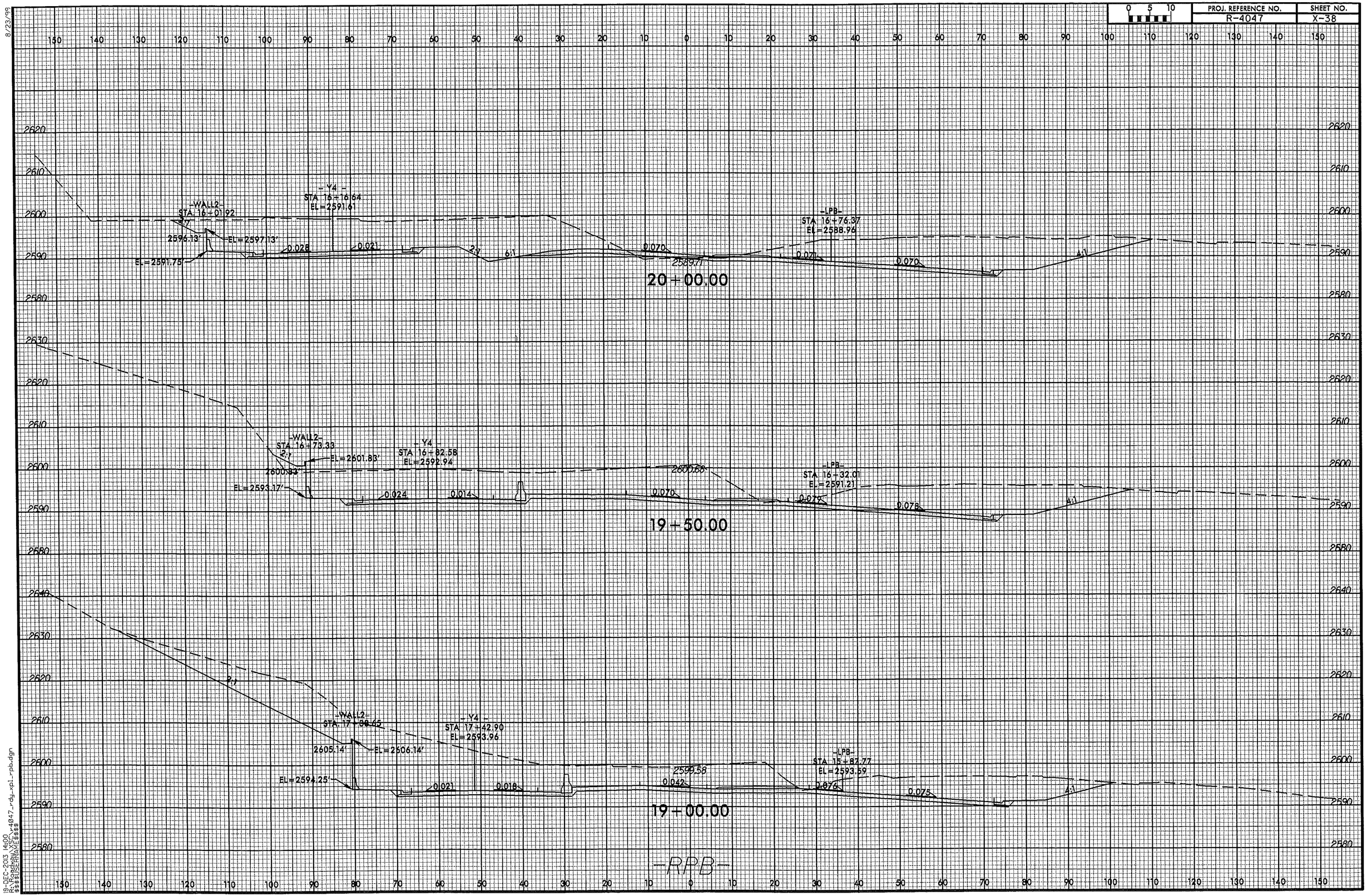


19-DEC-2013 14:00
R:\SCDOT\XSD_r4047_rdy_xpl_rpb.dgn
$$$$USERNAME$$$$



8/23/99

19-DEC-2013 14:00
R:\Roadway\XSC\r4047_rdy_xpl_rpb.dgn
$$$$USERNAME$$$$



8/23/99

19-DEC-2013 14:00
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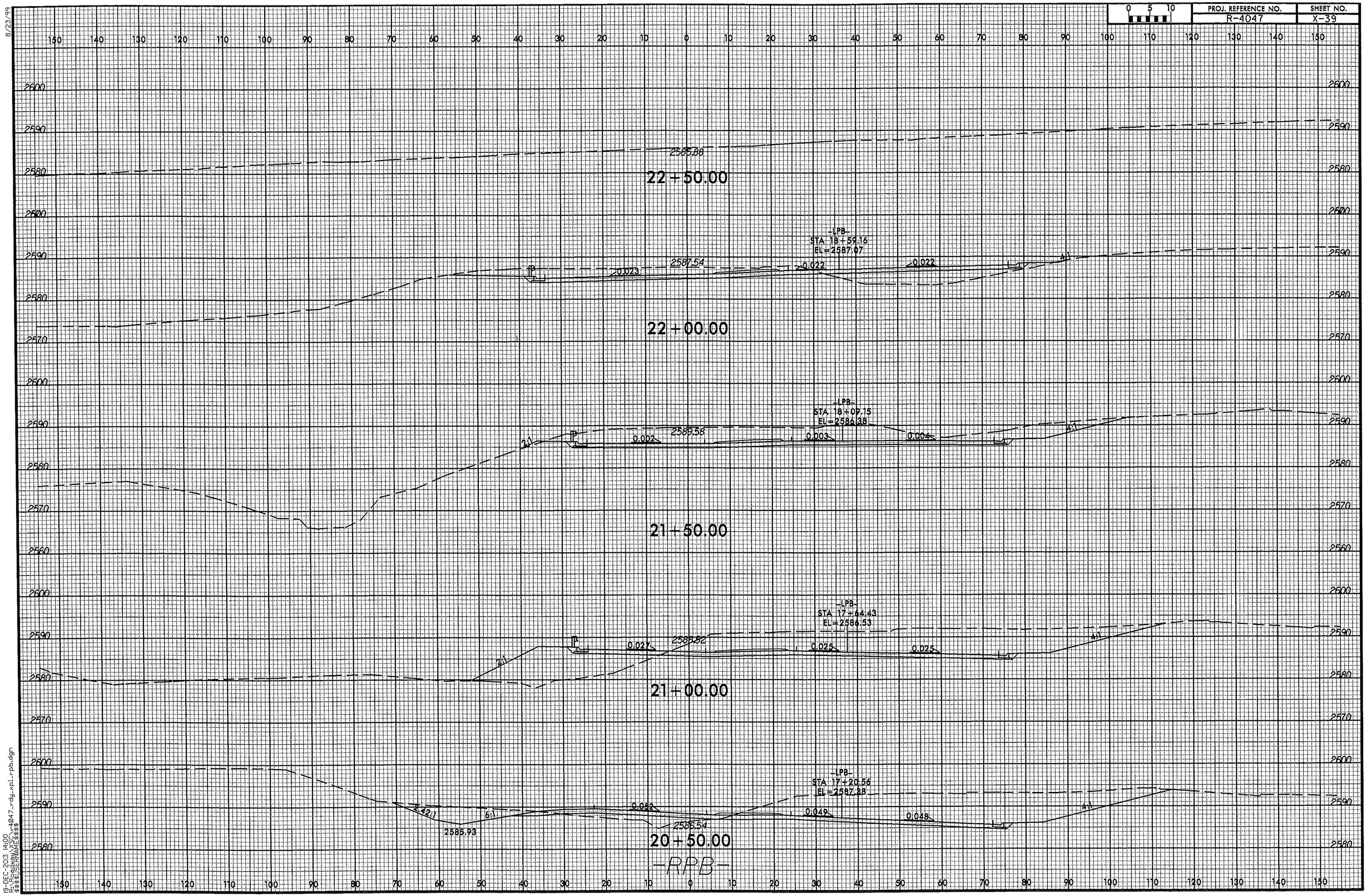
$$$$USERNAME$$$$



8/23/99

19-DEC-2013 14:00
R:\Roadway\XSC\r4047_rdy_xpl_rpb.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-4047	X-40

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

2625 2620 2615 2610 2605

SHEAR TO Y2L2

RESURFACE & WIDEN

2609.81

12+00.00

4:1

2630 2625 2620 2615 2610 2605

SHEAR TO Y2L2

RESURFACE & WIDEN

2610.51

11+50.00

4:1

2630 2625 2620 2615 2610 2605

SHEAR TO Y2L2

RESURFACE & WIDEN

2612.27

11+00.00

4:1

2635 2630 2625 2620 2615 2610 2605

SHEAR TO Y2L2

RESURFACE & WIDEN

2613.86

10+50.00

4:1

2640 2635 2630 2625 2620 2615 2610 2605

SHEAR TO Y2L2

RESURFACE & WIDEN

2615.33

BEGIN CONSTRUCTION -RPC- STA. 10+00.00

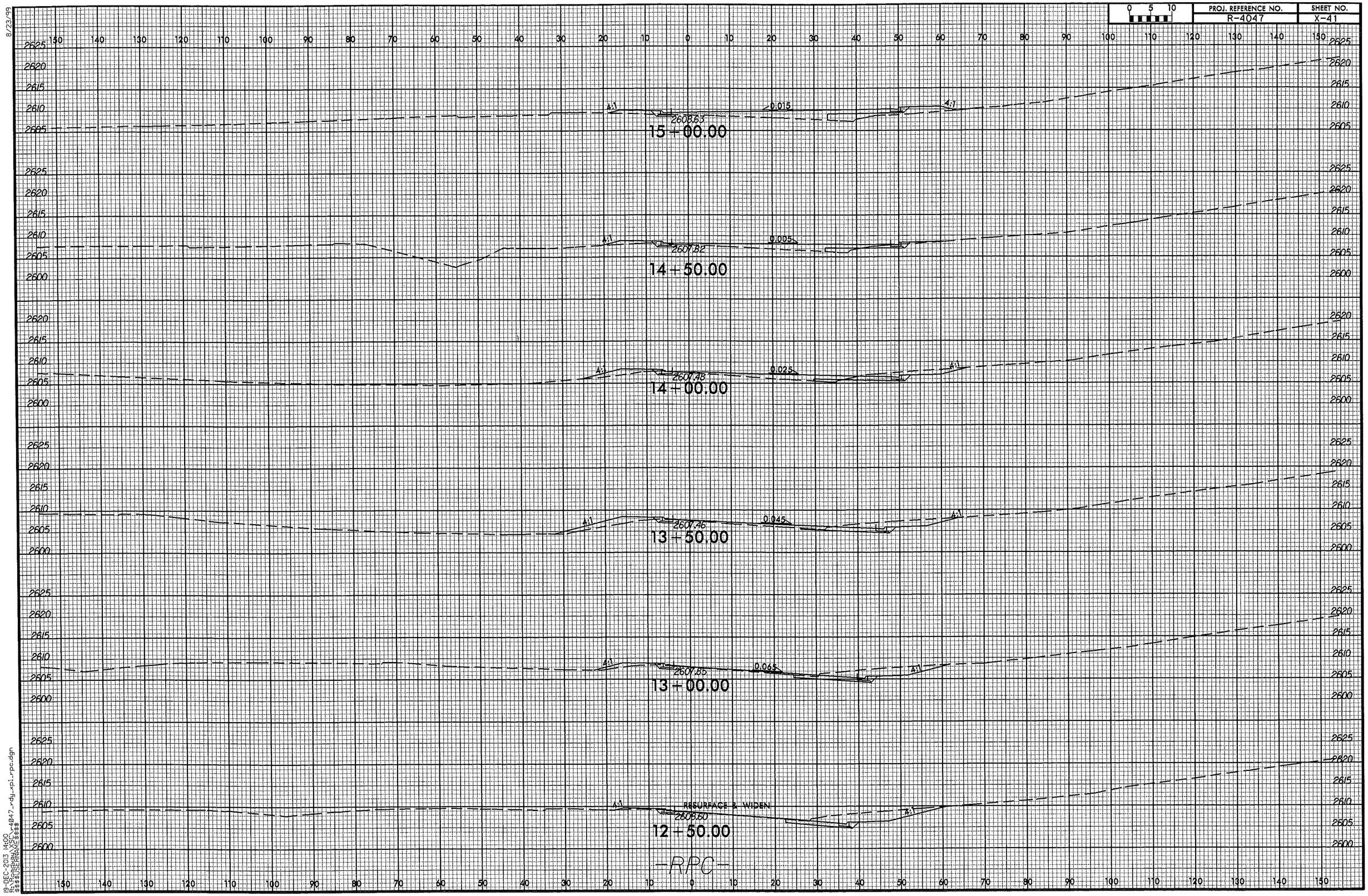
10+00.00

-RPC-

4:1

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

19-DEC-2013 14:00
R-4047_rdy_xpl_rpc.dgn
$$$$USERNAME$$$$



8/23/99

19-DEC-2013 14:00
R:\Roadway\XSC\r4047_rdy_xpl_rpc.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10

PROJ. REFERENCE NO.	SHEET NO.
R-4047	X-42

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

2625
2620
2615
2610
2605
2600

2609.56

15+50.00

—RPC—

19-DEC-2013 14:00
R:\Projects\XSC\r4047_rdy_xpl_rpa.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-4047	X-43

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

2625 2620 2615 2610 2605 2600

— RPC —
STA 15+18.12

4:1 0.030 0.011 0.001 4:1

2608.05

15+00.00

4:1 0.030 4:1

2608.51

14+50.00

RESURFACE

2608.00

14+00.00

RESURFACE

2608.30

13+50.00

RESURFACE

2608.91

13+00.00

RESURFACE

2609.85

12+50.00

RESURFACE

2611.08

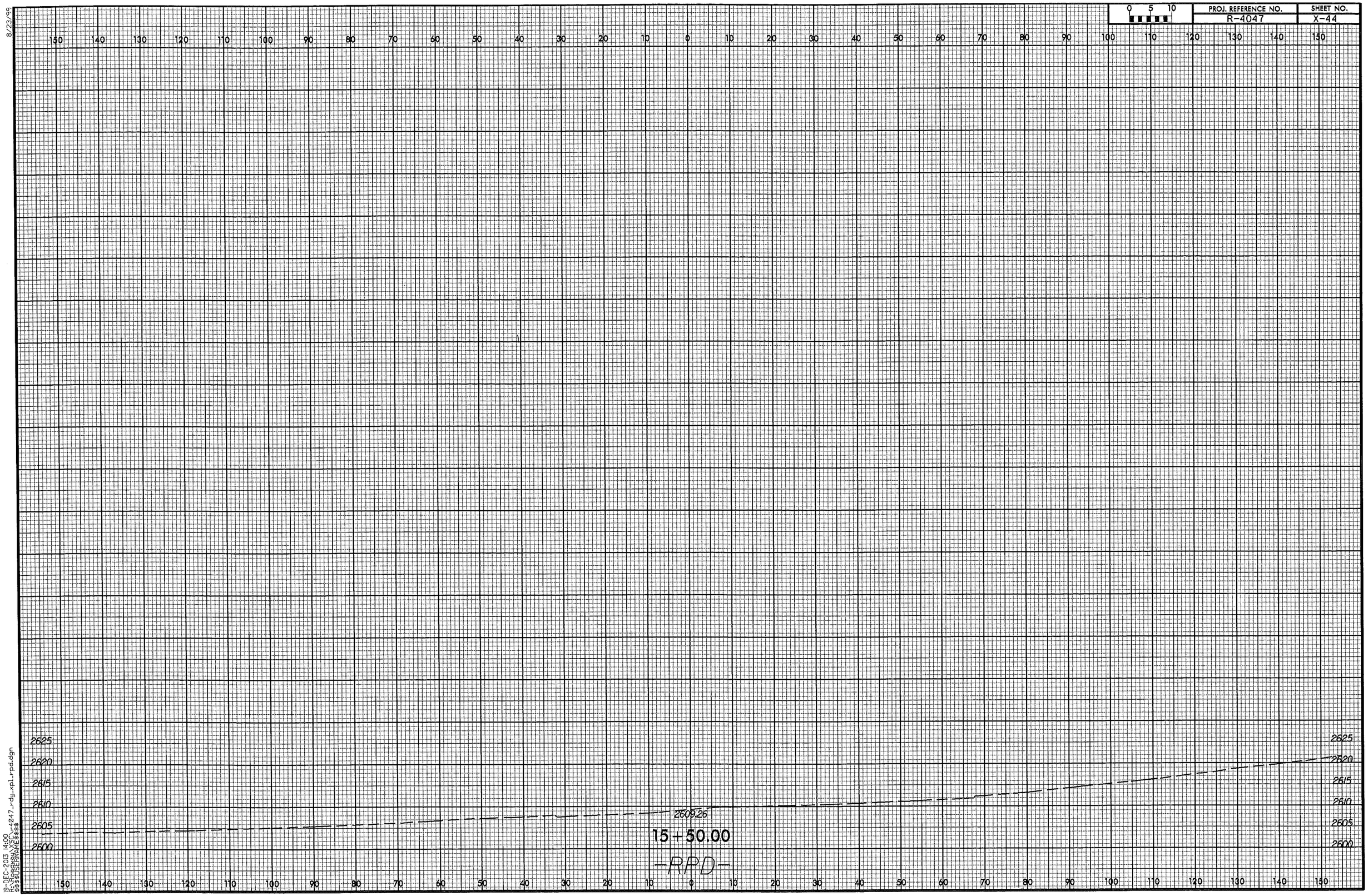
12+00.00

—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

2625 2620 2615 2610 2605 2600

19-DEC-2013 14:00
$$$$USERNAME$$$$ r4047_rdy_xpl_rpd.dgn



8/23/99

19-DEC-2013 14:00
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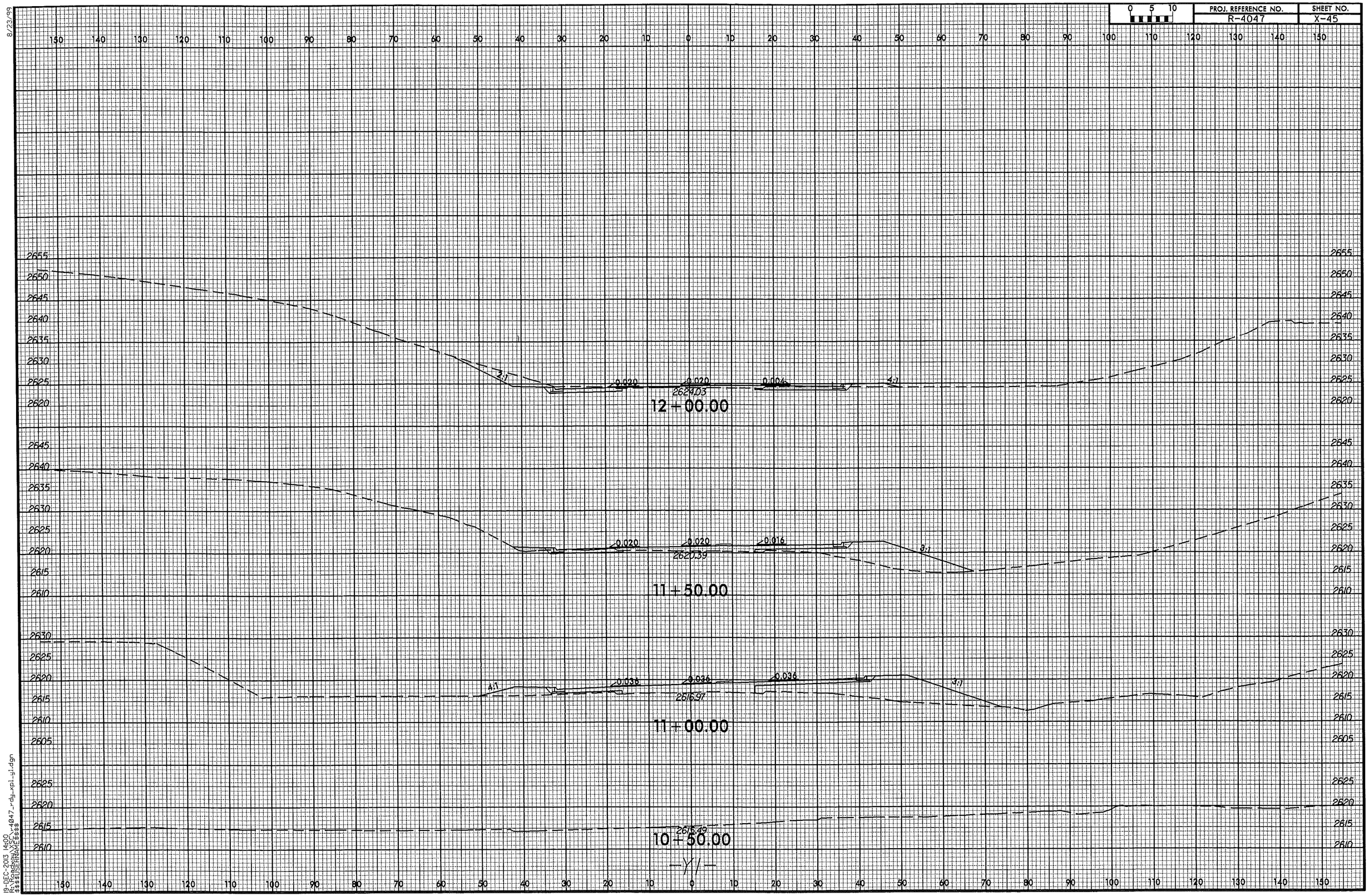
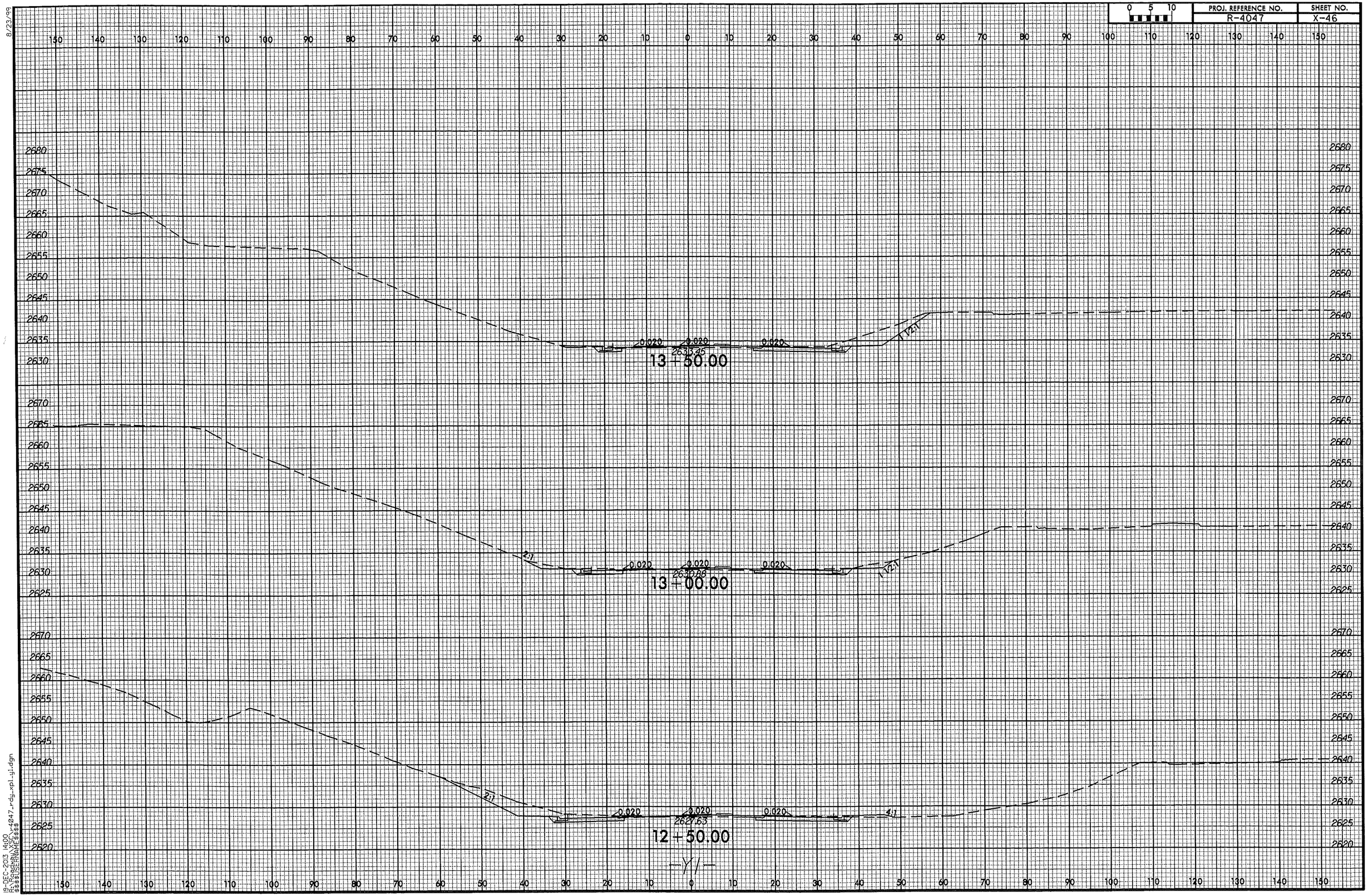
$$$$USERNAME$$$$



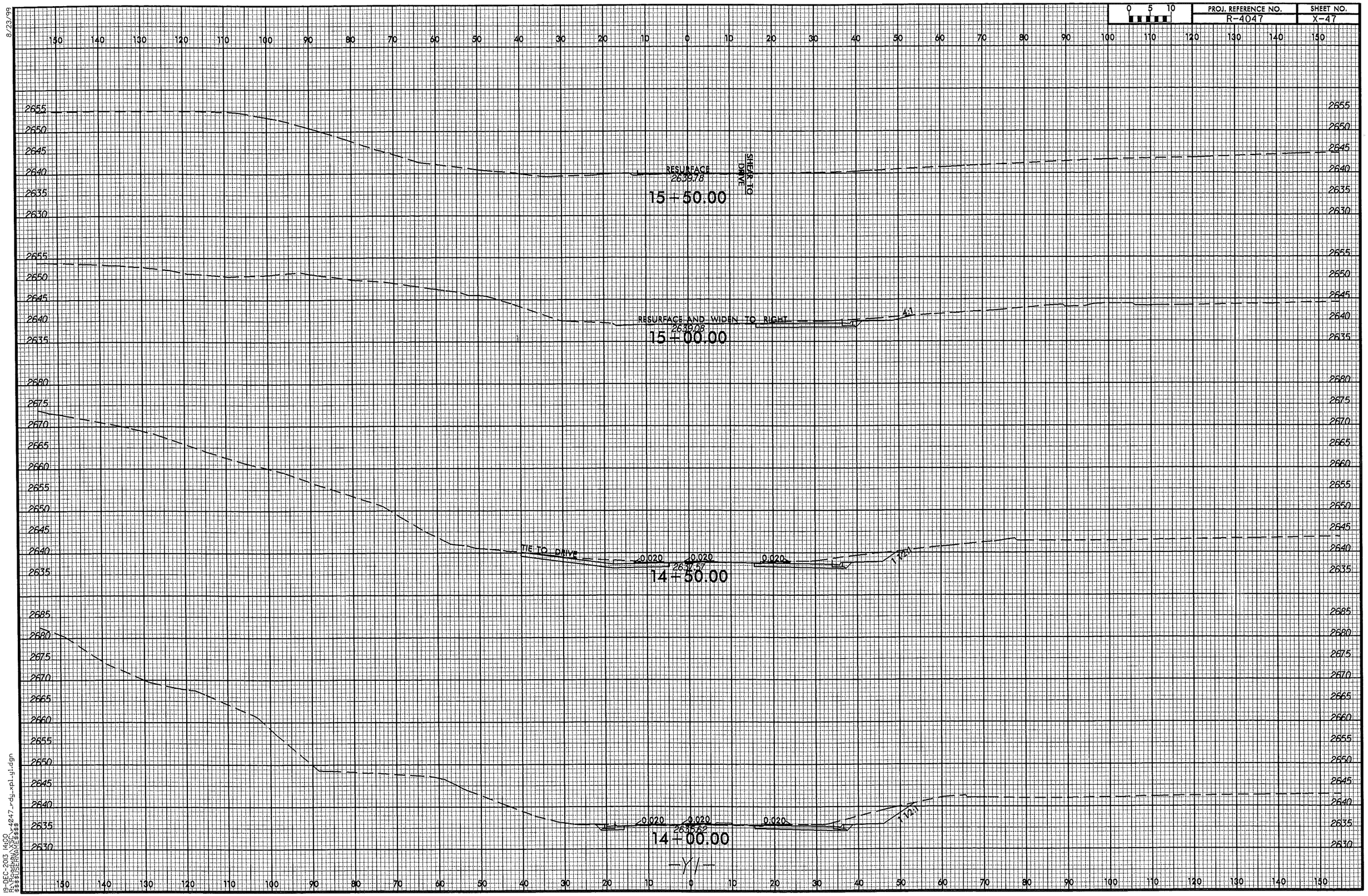
8/23/99

19-DEC-2013 14:00
R:\Roadway\XSC\r4047_rdy_xpl_y1.dgn
$$$$USERNAME$$$$



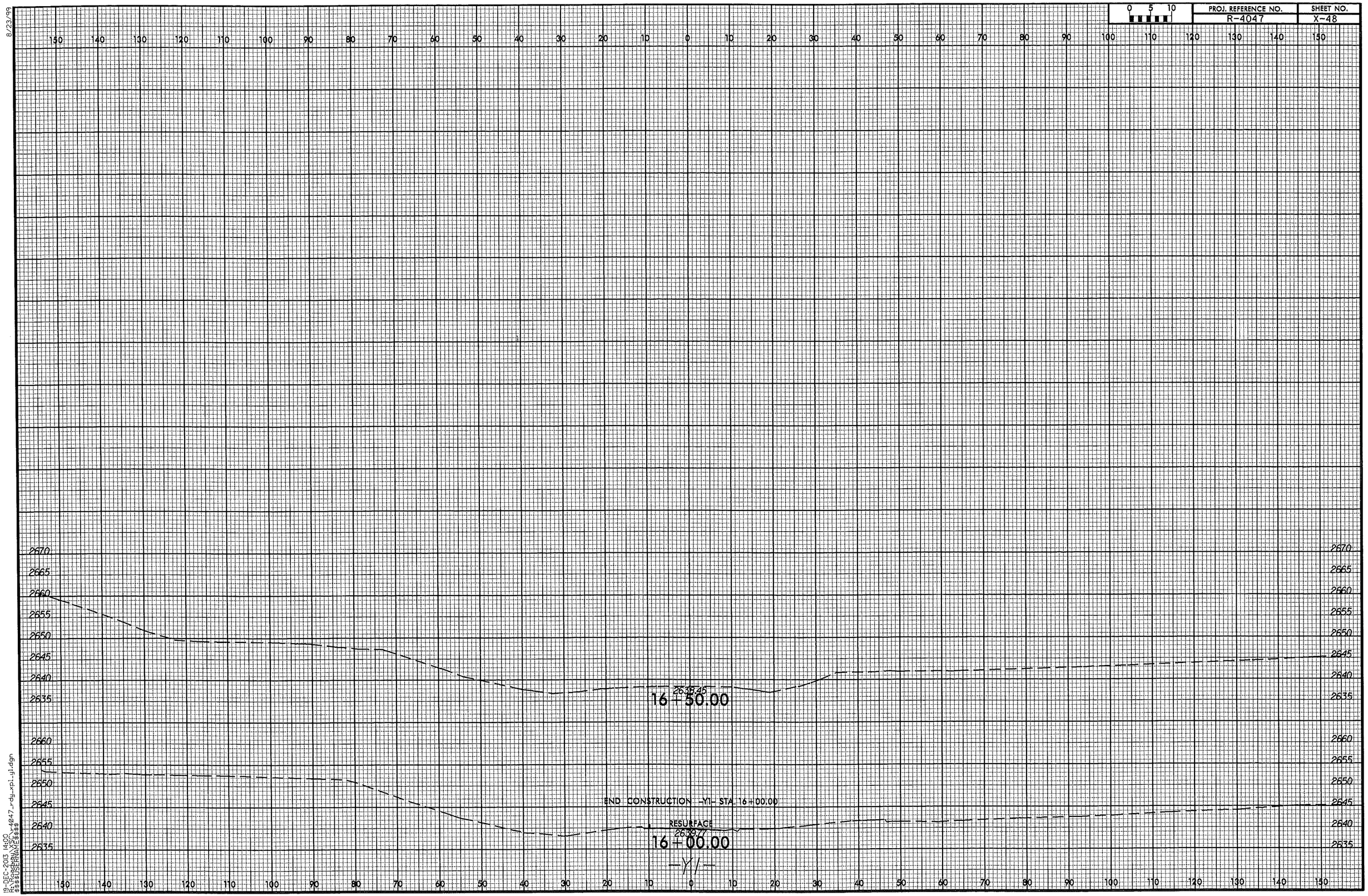
8/23/99

19-DEC-2013 14:00
R:\Roadway\XSC\r4047_rdy_xpl_y1.dgn
$$$$USERNAME$$$$



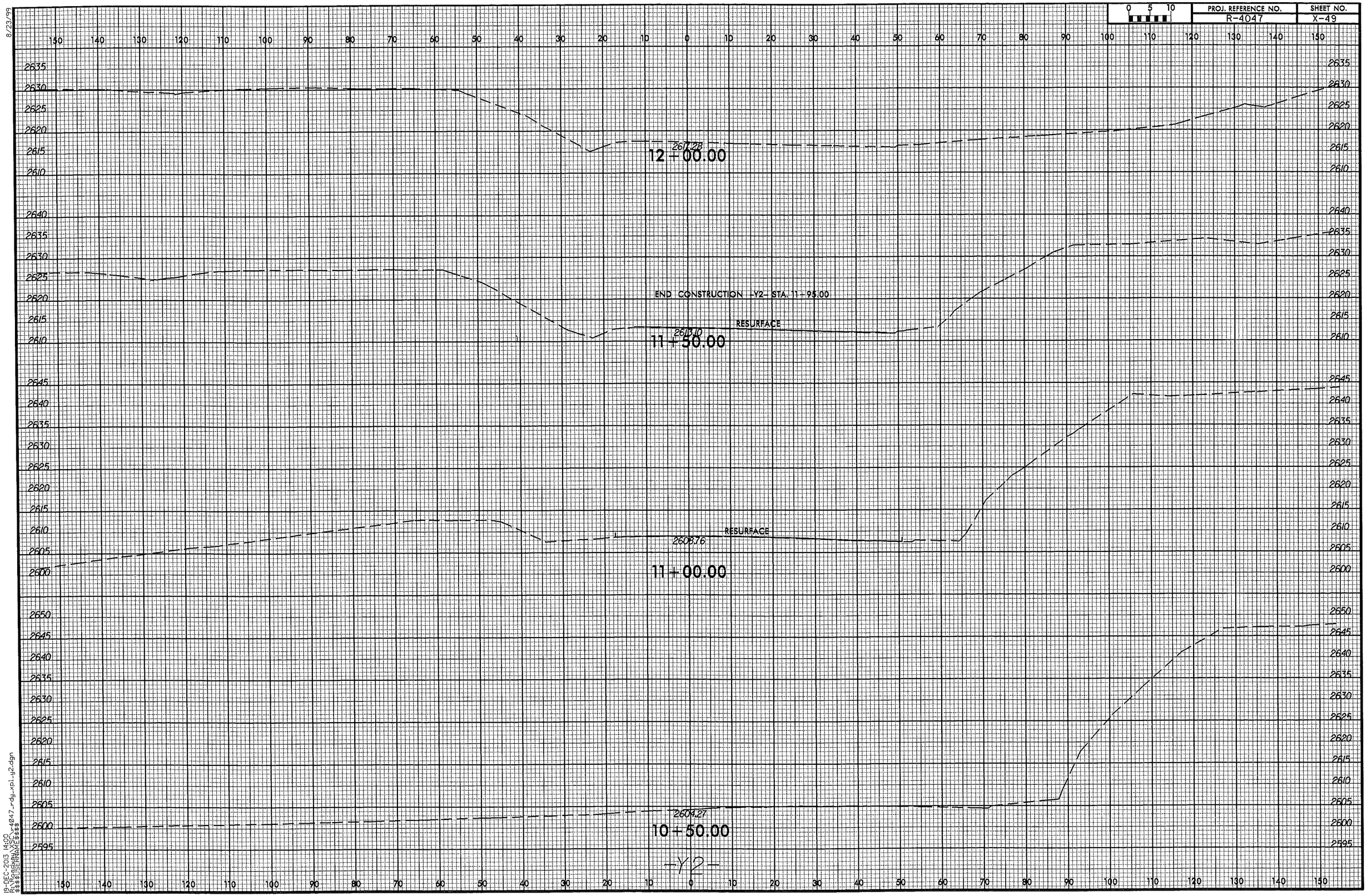
8/23/99

19-DEC-2013 14:00
R:\Roadway\XSC\r4047_rdy_xpl_y1.dgn
$$$$USERNAME$$$$



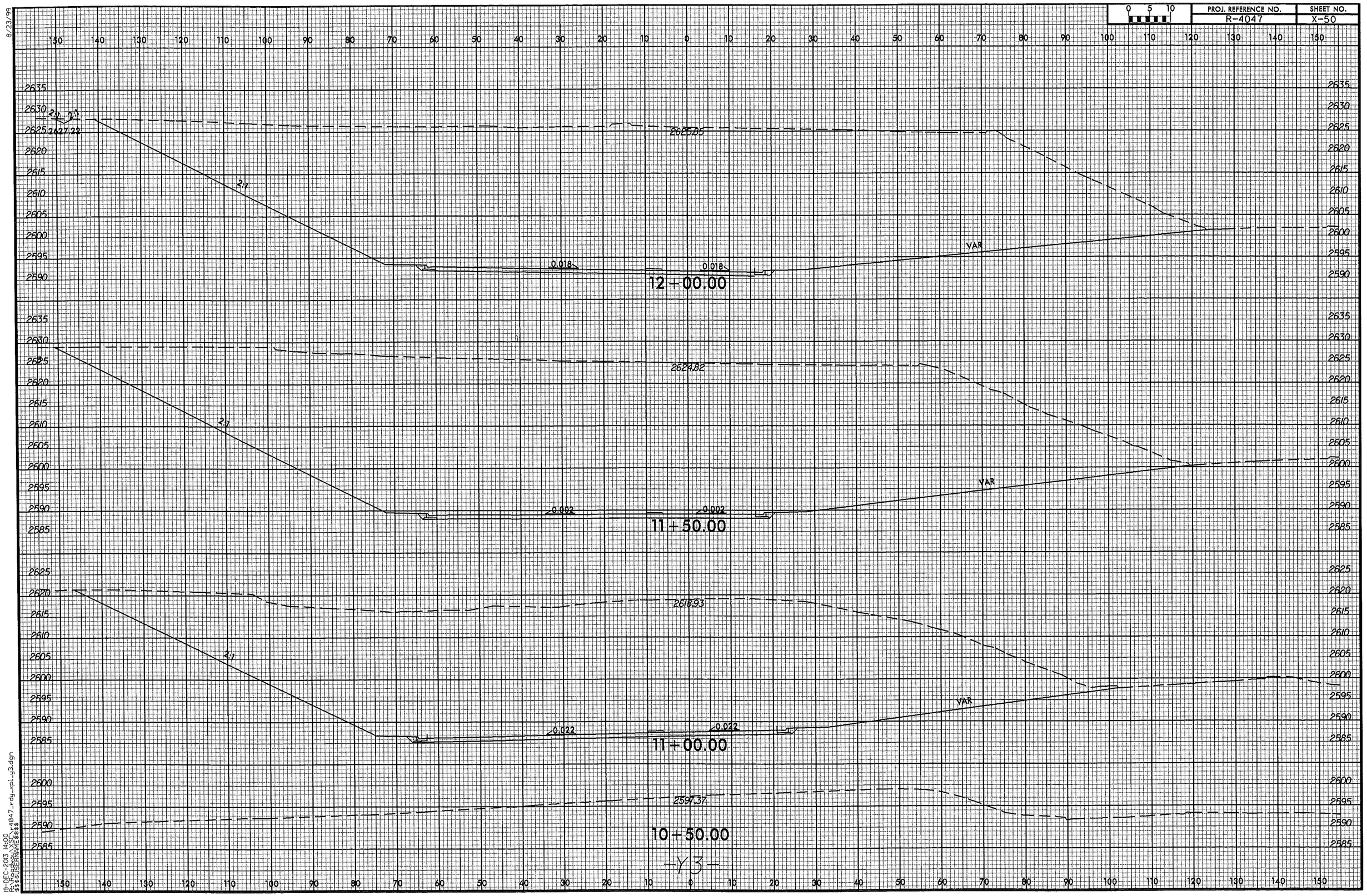
8/23/99

19-DEC-2013 14:00
R:\Roadway\XSC\r4047_rdy_xpl_y1.dgn
$$$$USERNAME$$$$



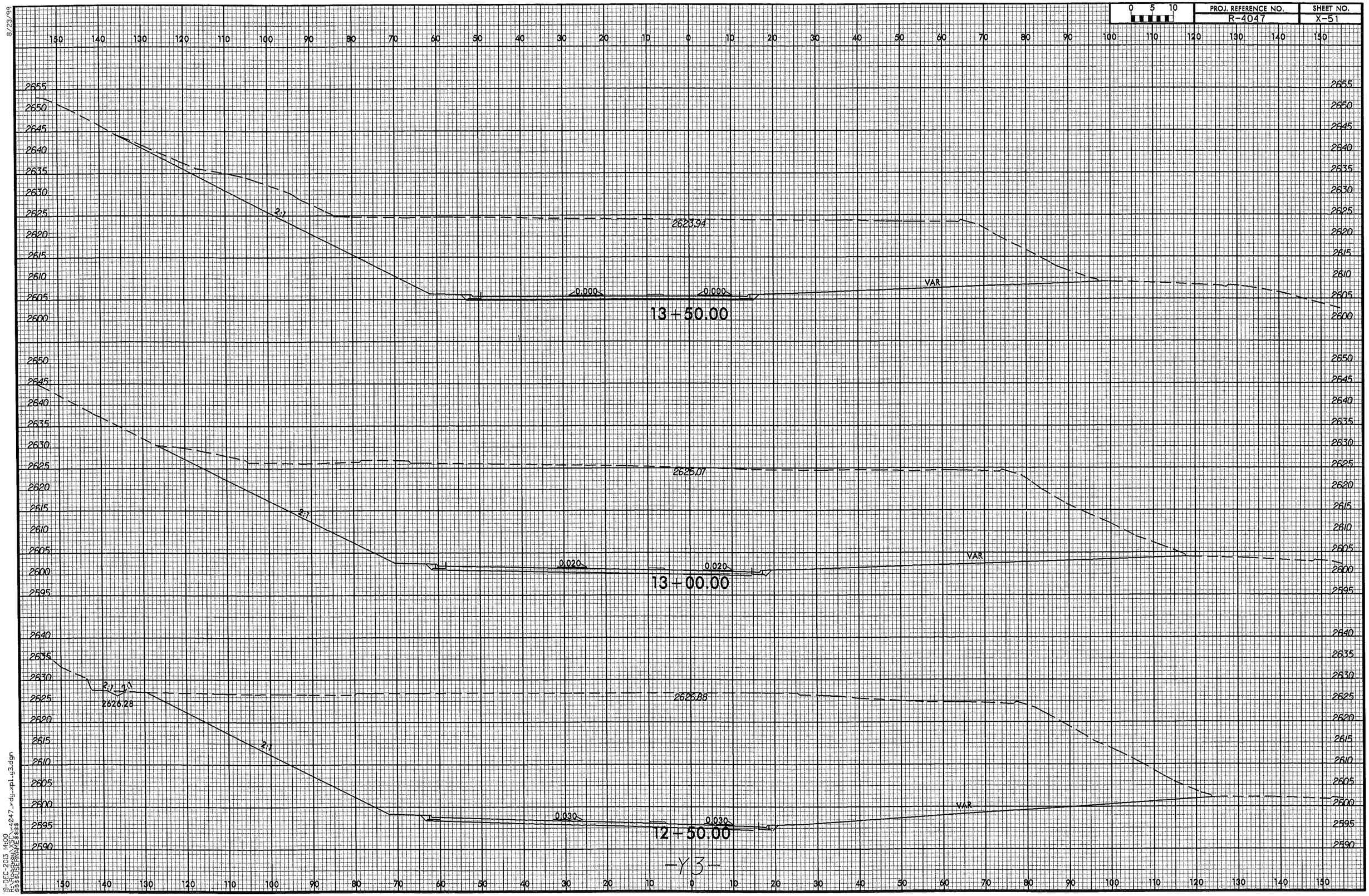
8/23/99

19-DEC-2013 14:00
R:\Roadway\XSC\r4047_rdy_xpl_y2.dgn
$$$$USERNAME$$$$



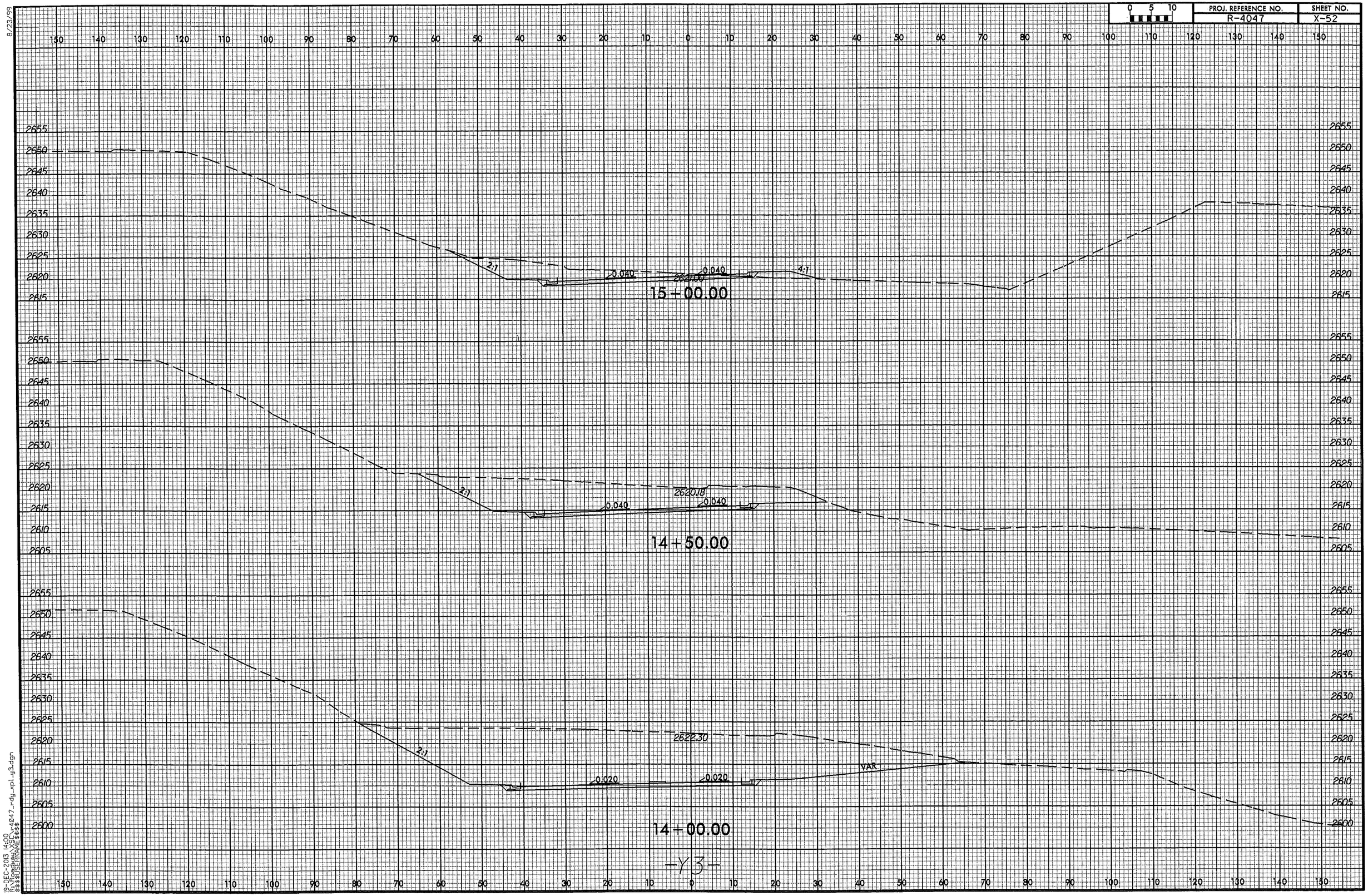
8/23/99

19-DEC-2013 14:00
R:\Roadway\XSC\r4047_rdy_xpl_y3.dgn
$$$$USERNAME$$$$



8/23/99

19-DEC-2013 14:00
R:\Roadway\XSC\r4047_rdy_xpl_y3.dgn
$$$$USERNAME$$$$



8/23/99
19-DEC-2013 14:00
R:\Roadway\XSC\r4047_rdy_xpl_y3.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-4047	X-53

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

2660 2655 2650 2645 2640 2635

2638.02
17+00.00

END CONSTRUCTION -Y3- STA. 16+75.00

2655 2650 2645 2640 2635 2630

6:1 0.000 0.000
2633.61
16+50.00

2655 2650 2645 2640 2635 2630 2625

0.020 0.020
2629.37
16+00.00

2655 2650 2645 2640 2635 2630 2625 2620

2:1 0.040 0.040 4:1
2626.06
15+50.00

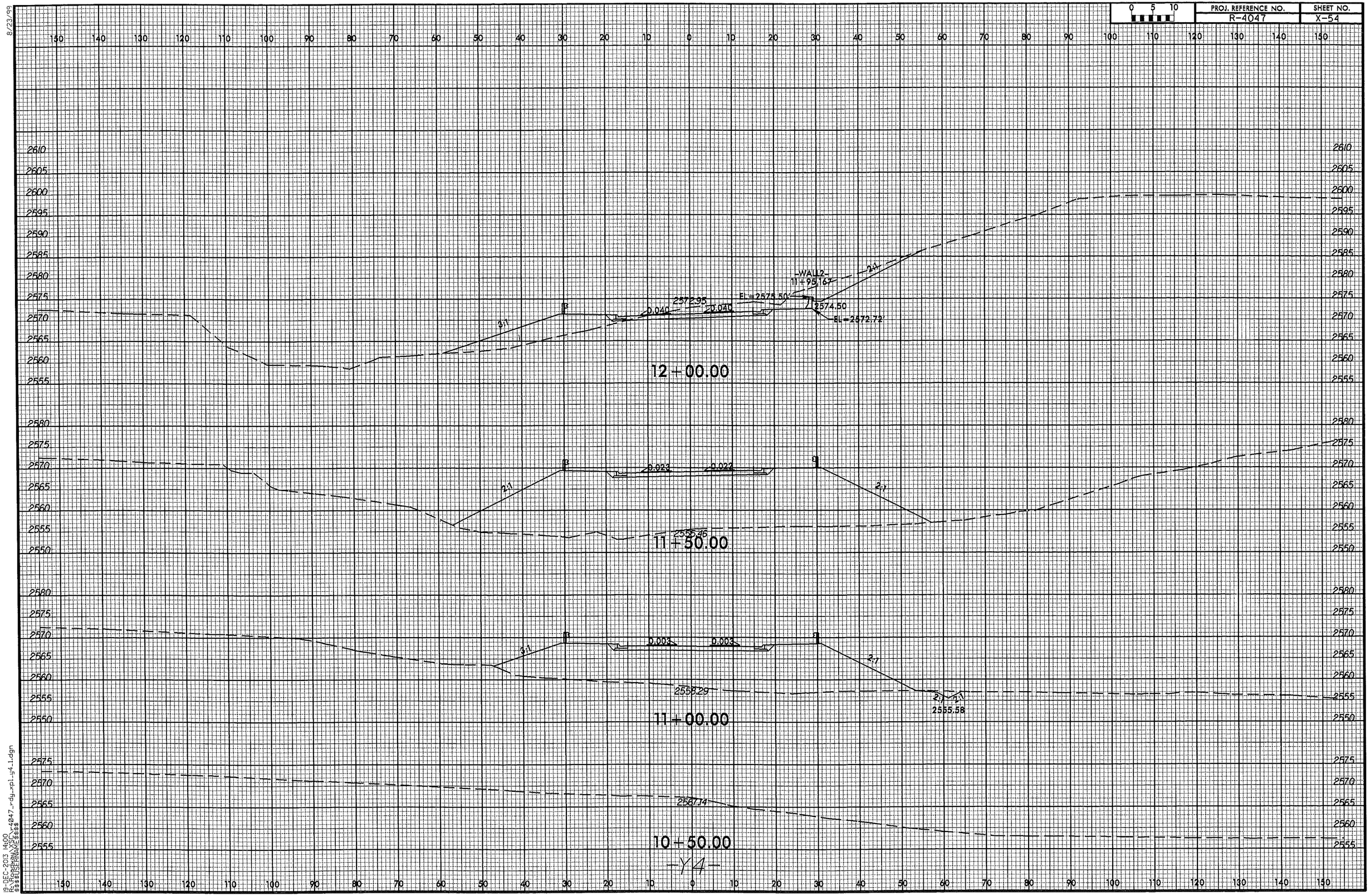
-Y3-

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

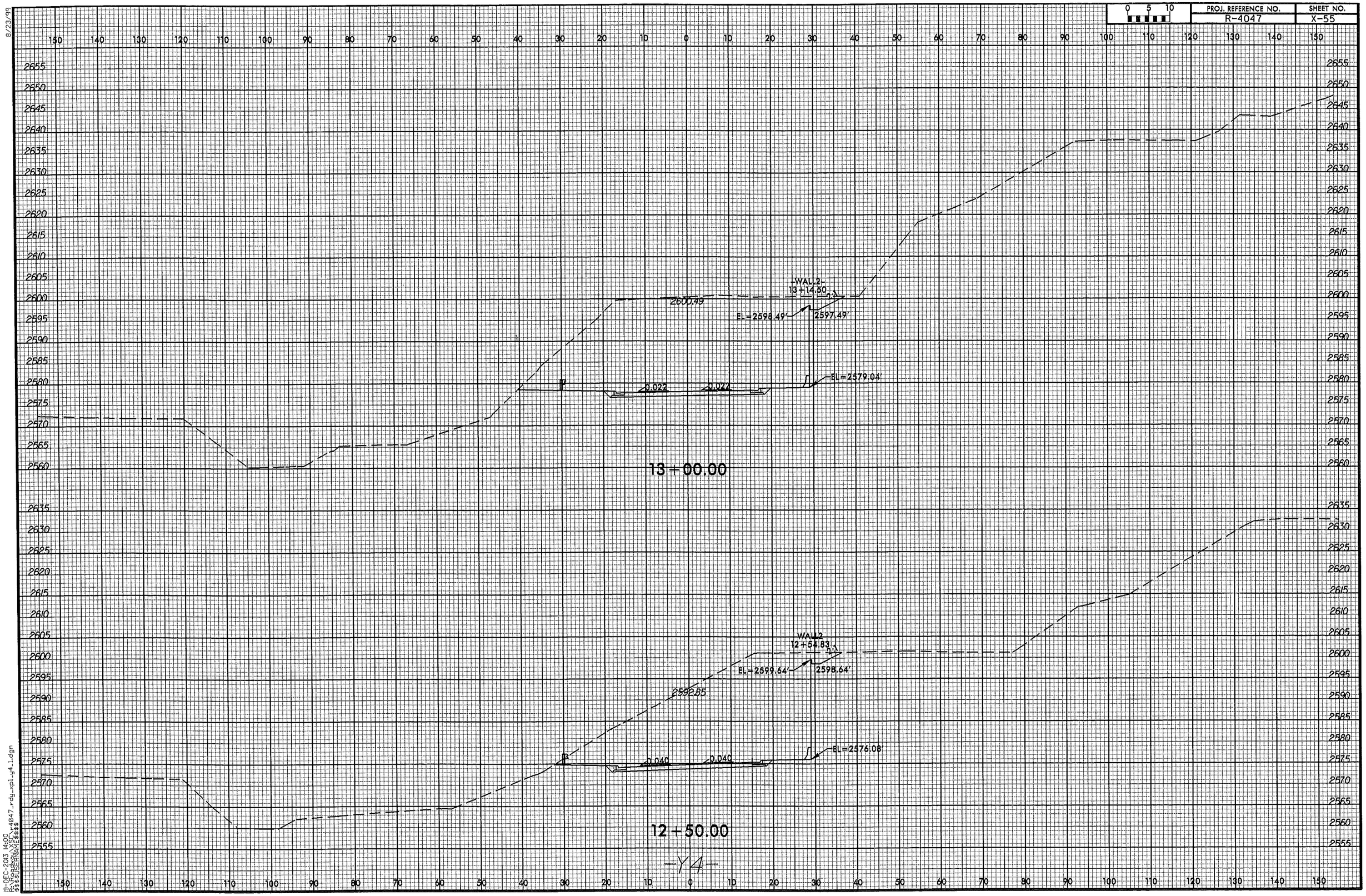
19-DEC-2013 14:00
P:\PROJECTS\R-4047\r_dy_xpl_y3.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-4047	X-54

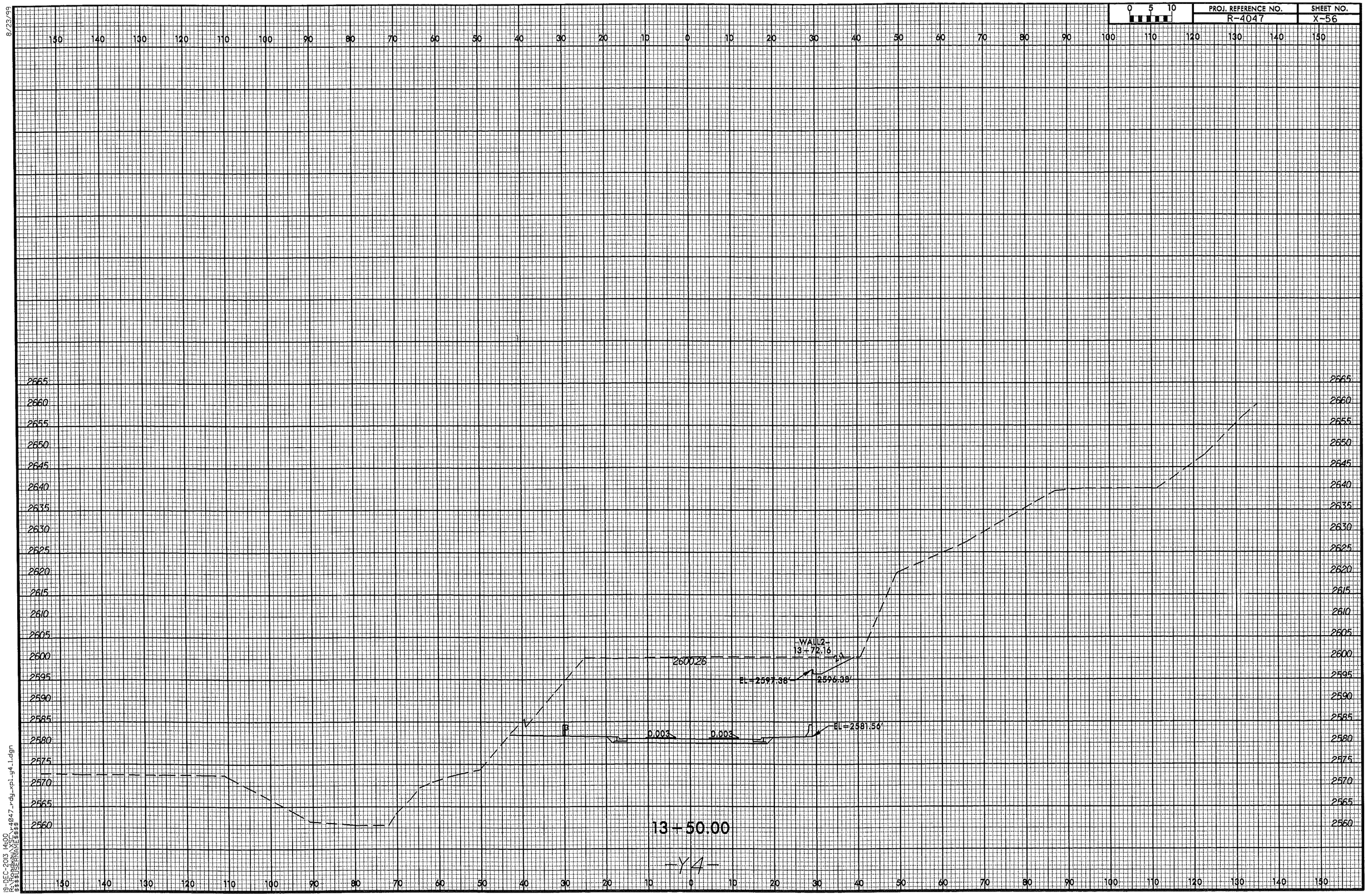


19-DEC-2013 14:00
R:\Roadway\XSEC\r4047_rdy_xpl_y4_1.dgn
$$$$USERNAME$$$$



8/23/99

19-DEC-2013 14:00
R:\Roadway\XSC\r4047_rdy_xpl_y4_1.dgn
$$$$USERNAME$$$$



PROJ. REFERENCE NO.
R-4047
SHEET NO.
X-56
0 5 10
WALL2-
13+72.16
2600.26
EL=2597.38'
2596.38'
EL=2581.56'
0.003
0.003
13+50.00
-Y4-

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-4047	X-57

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

2670 2665 2660 2655 2650 2645 2640 2635 2630 2625 2620 2615 2610 2605 2600 2595 2590 2585 2580 2575 2570 2565

2599.94

WALL2 -
14+17.33

EL=2596.50'

2595.50'

EL=2583.79'

0.02ft

0.02ft

14+00.00

-Y4-

19-DEC-2013 14:00
R:\Projects\R-4047_rdy_xpl-y4-1.dgn
$$$$USERNAME$$$$

8/23/99

PROJ. REFERENCE NO.	SHEET NO.
R-4047	X-58

0 5 10

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

2665 2660 2655 2650 2645 2640 2635 2630 2625 2620 2615 2610 2605 2600 2595 2590 2585 2580 2575 2570 2565 2560

2599.25

WALL2 - 2'
14+62.50

EL=2598.63'

2594.63'

EL=2585.94'

0.040

0.040

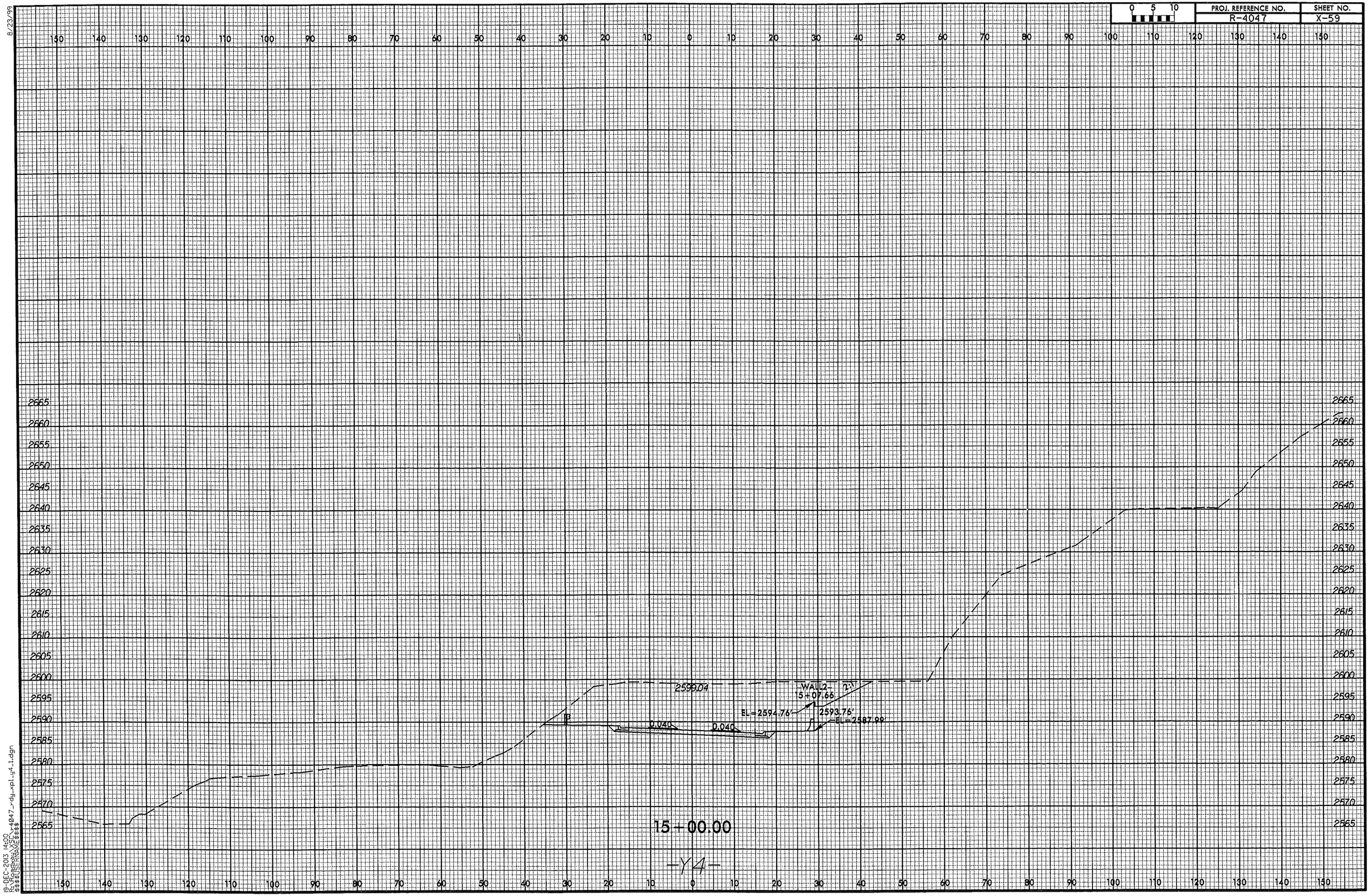
14+50.00

-Y4-

18-DEC-2013 14:00
$$$$USERNAME$$$$
R-4047_-dgn_xpl_y4_1.dgn

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-4047	X-59



19-DEC-2013 14:00
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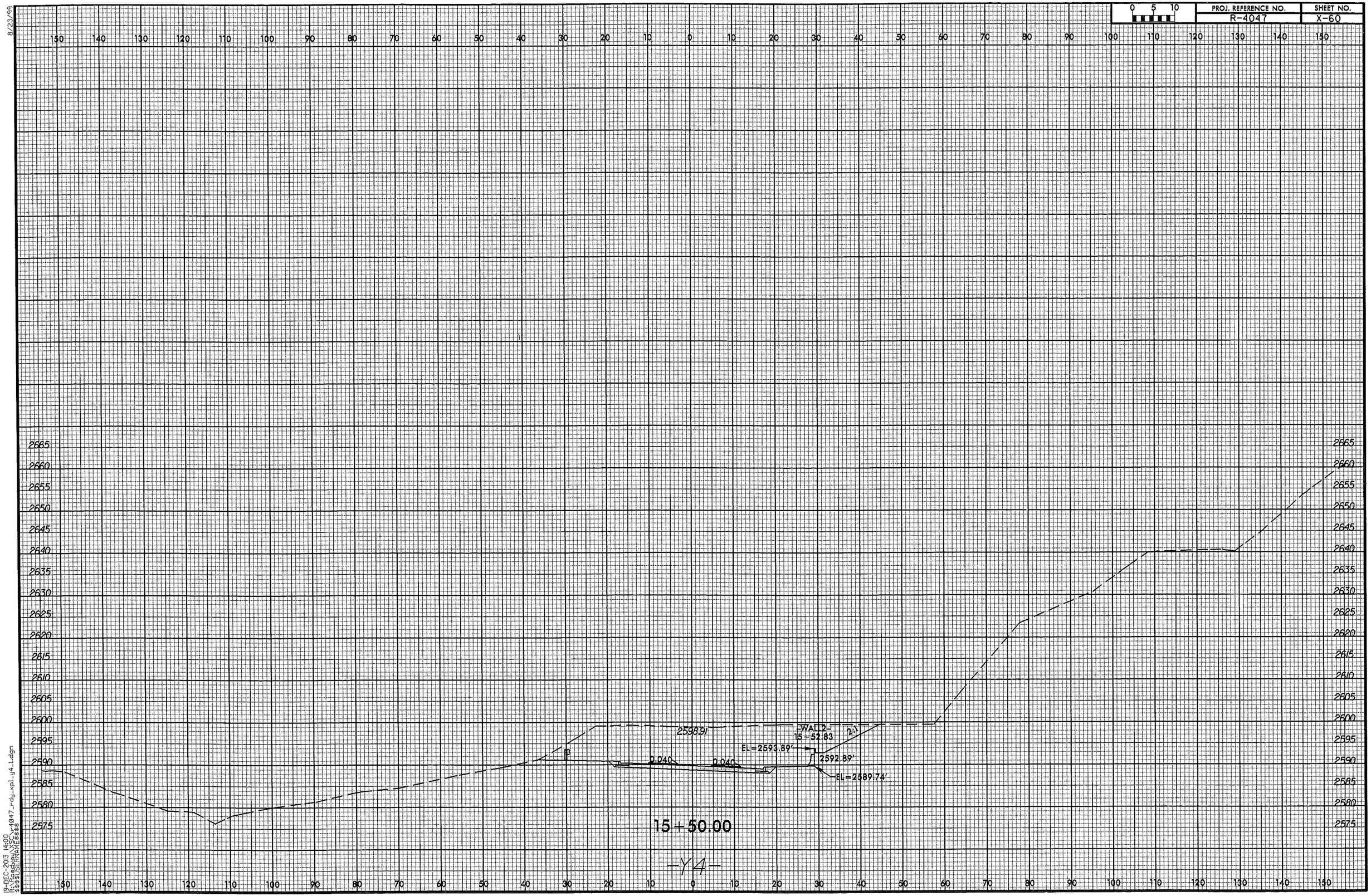
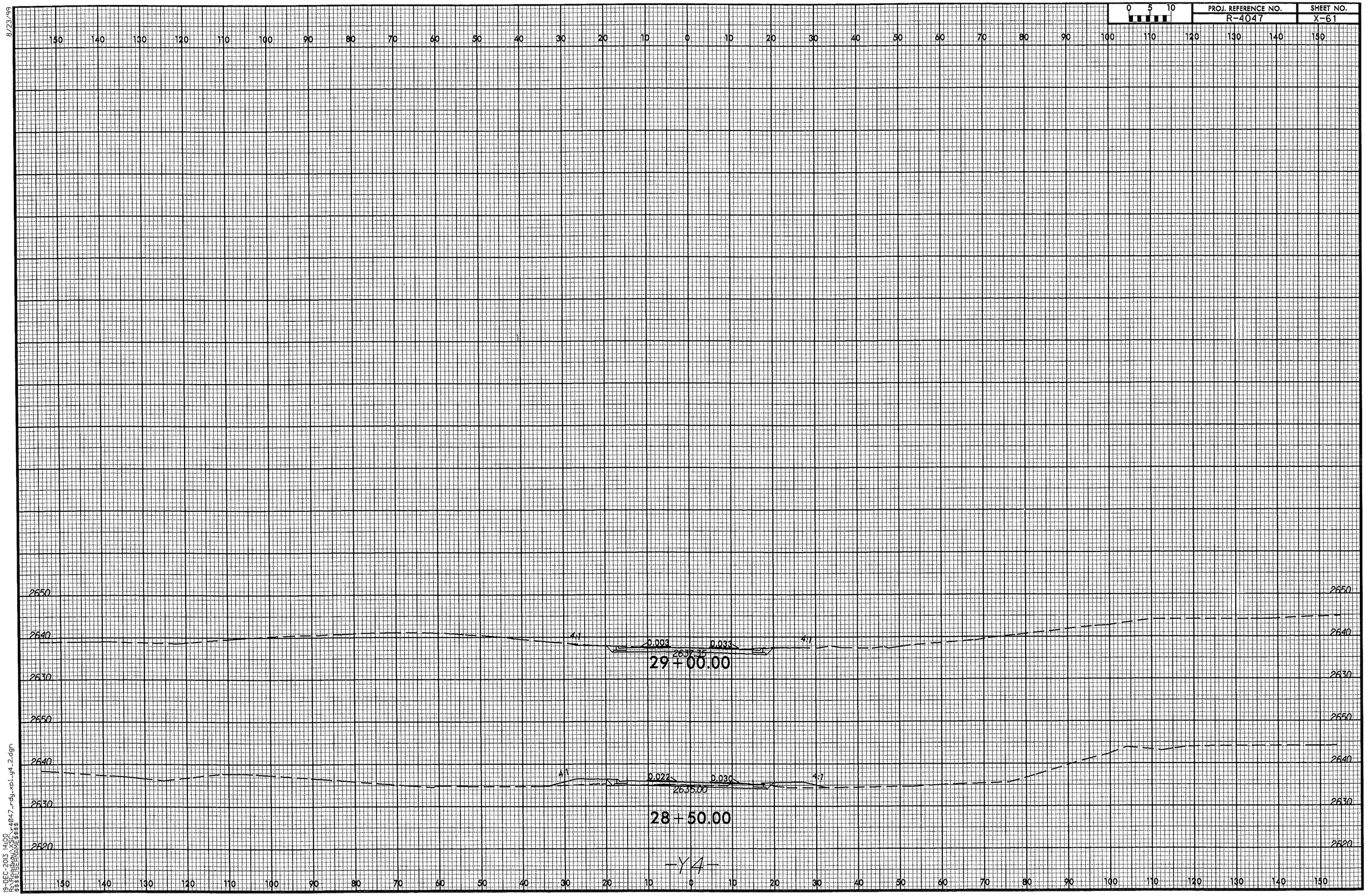
$$$$USERNAME$$$$



8/23/99
19-DEC-2013 14:00
R:\Roadway\XSC\r4047_rdy_xpl_y4_1.dgn
$$$$USERNAME$$$$



8/23/99

19-DEC-2013 14:00
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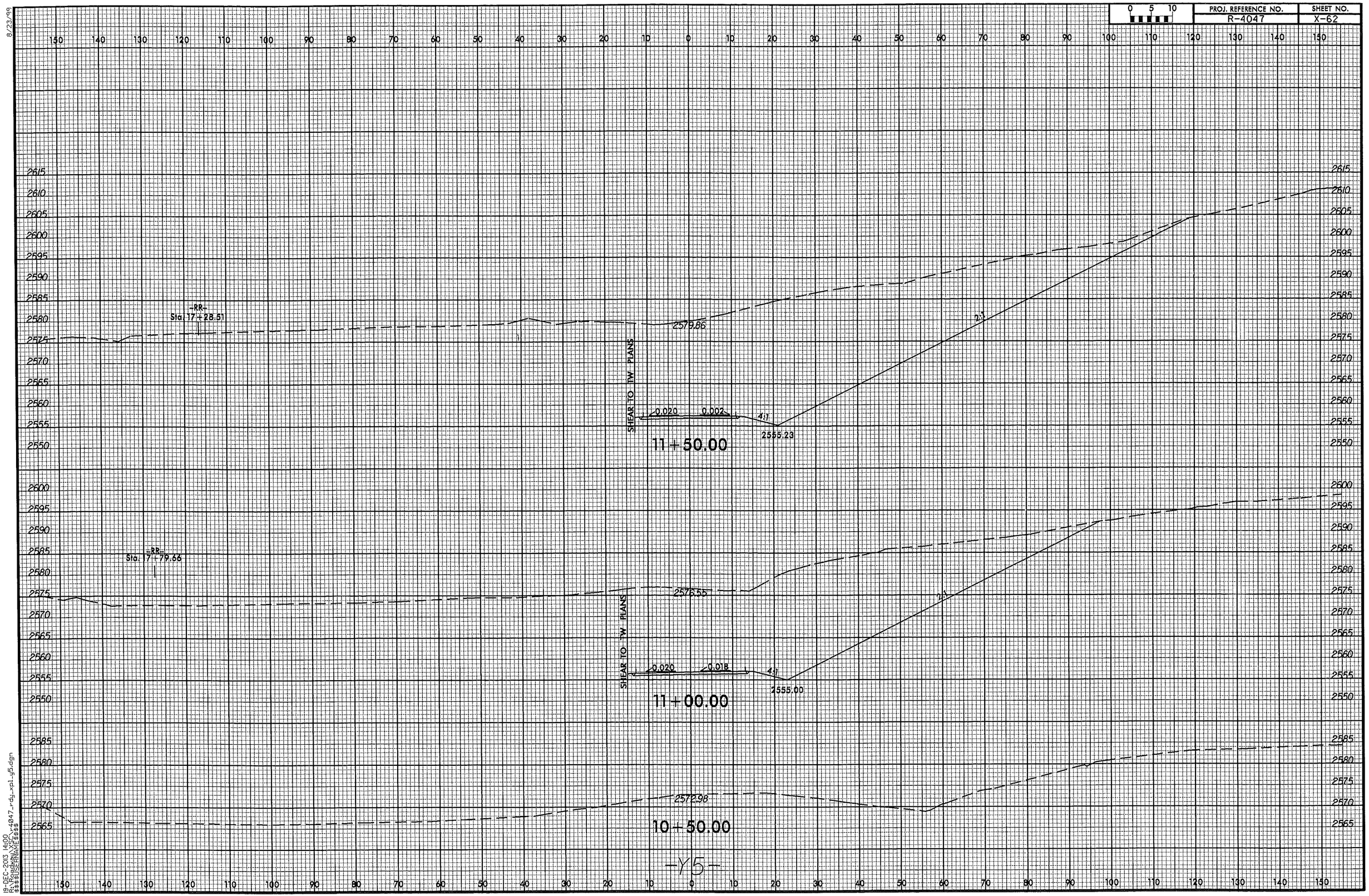
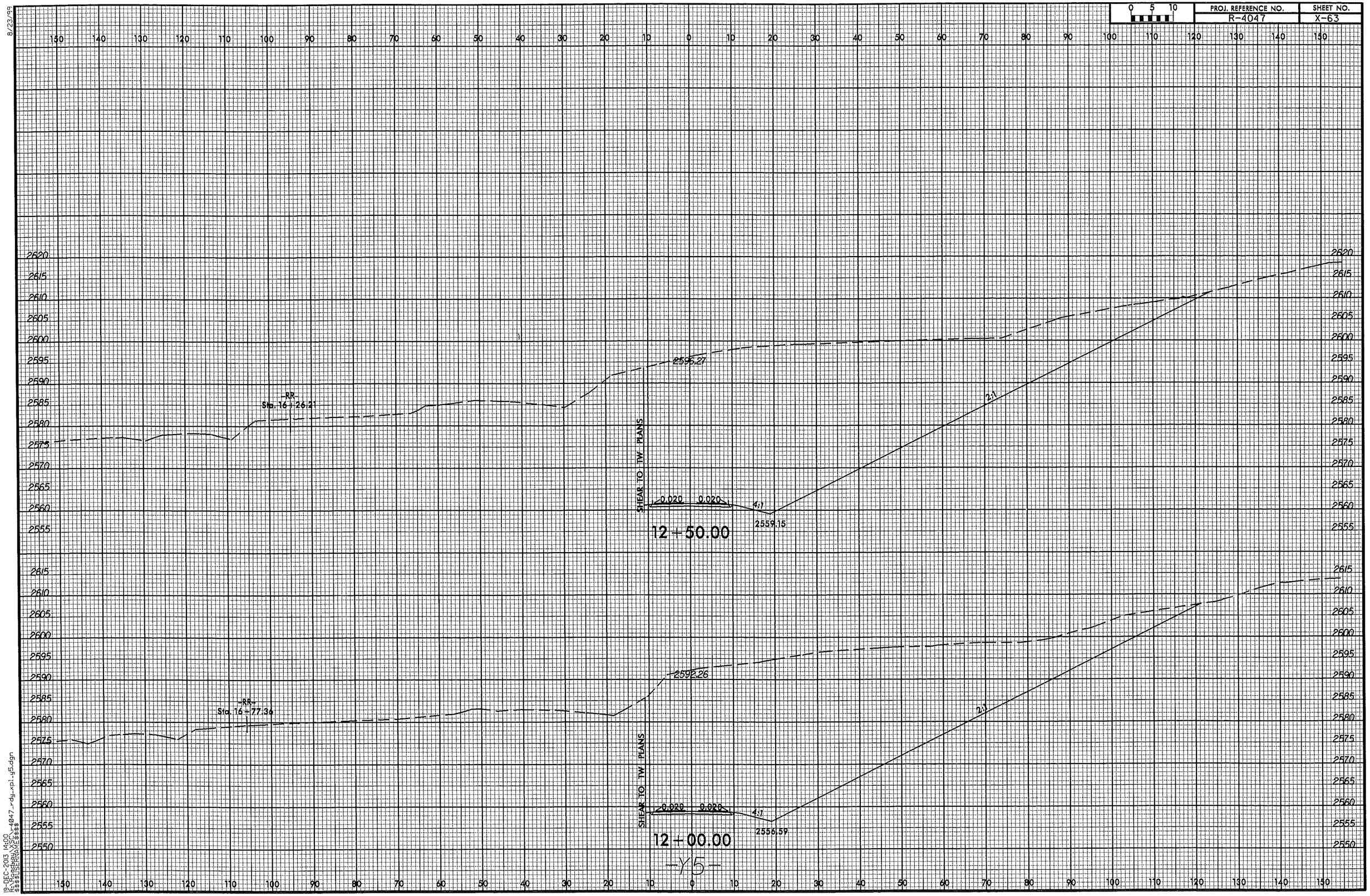
$$$$USERNAME$$$$



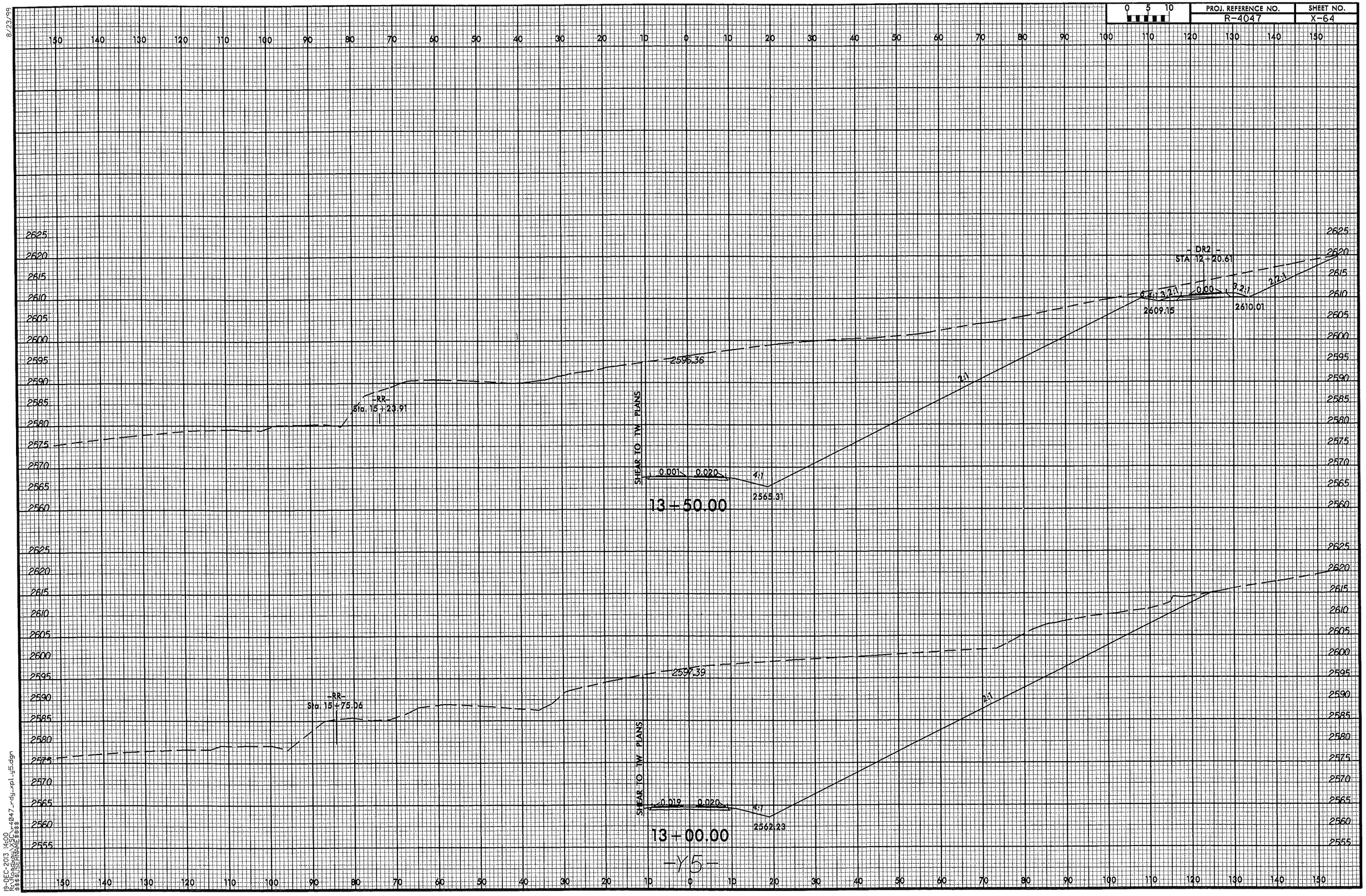
8/23/99

19-DEC-2013 14:00
R:\Roadway\XSC\r4047_rdy_xpl_y5.dgn
$$$$USERNAME$$$$



8/23/99

19-DEC-2013 14:00
R:\Roadway\XSC\r4047_rdy_xpl_y5.dgn
$$$$USERNAME$$$$



8/23/99

19-DEC-2013 14:00
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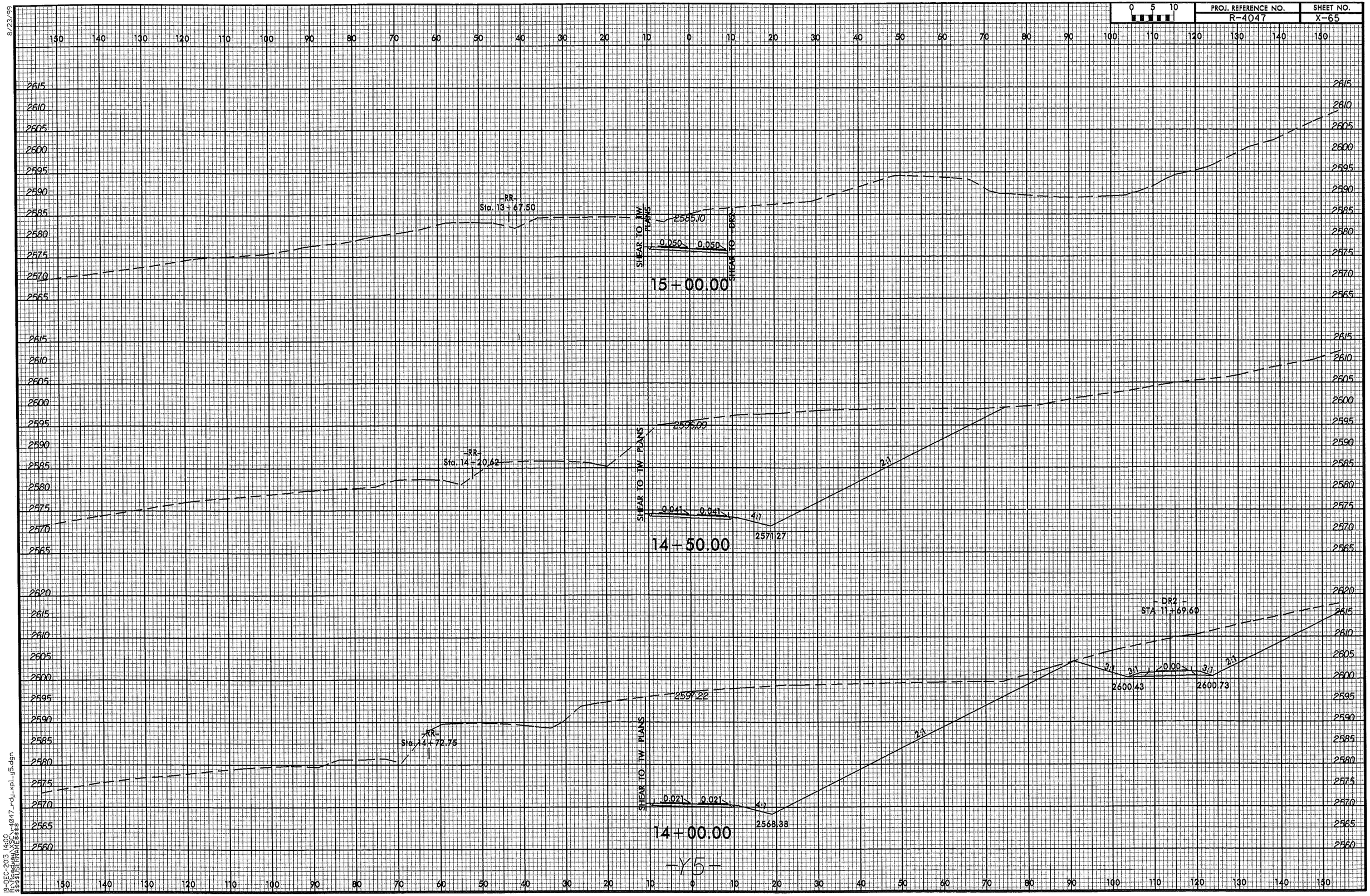
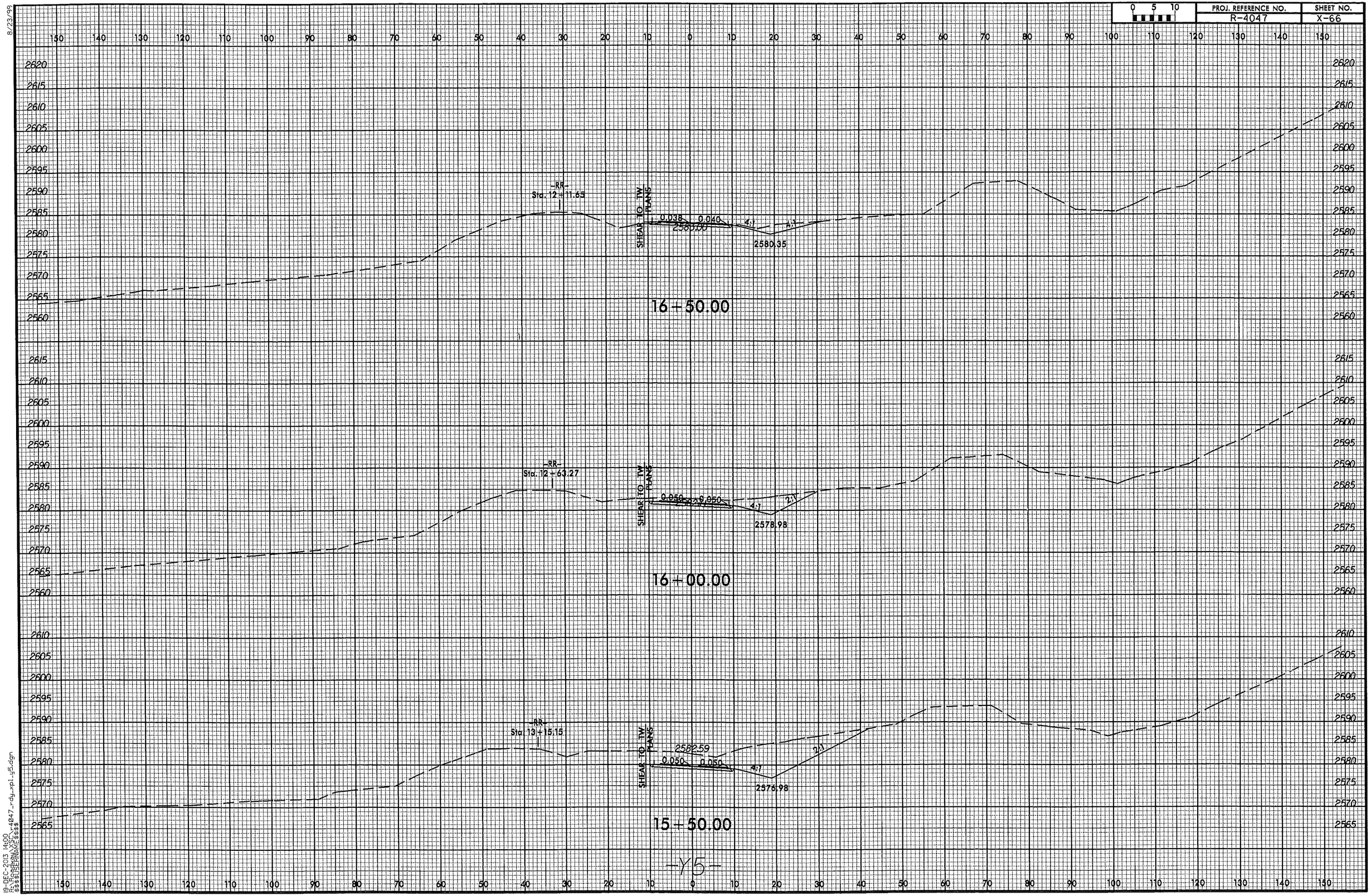
$$$$USERNAME$$$$



8/23/99

19-DEC-2013 14:00
R:\Roadway\XSC\r4047_rdy_xpl_y5.dgn
$$$$USERNAME$$$$



8/23/99

19-DEC-2013 14:00
R:\Roadway\XSC\r4047_rdy_xpl_y5.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-4047	X-67

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

2625 2620 2615 2610 2605 2600 2595 2590 2585 2580 2575 2570 2565 2560 2555

-RR-
Sta. 11+10.25

END CONSTRUCTION -Y5- STA. 17+95.00

SHEAR TO TW PLANS

0.002 0.040

2583.51

17+50.00

-RR-
Sta. 11+60.25

SHEAR TO TW PLANS

0.018 0.040

2583.30

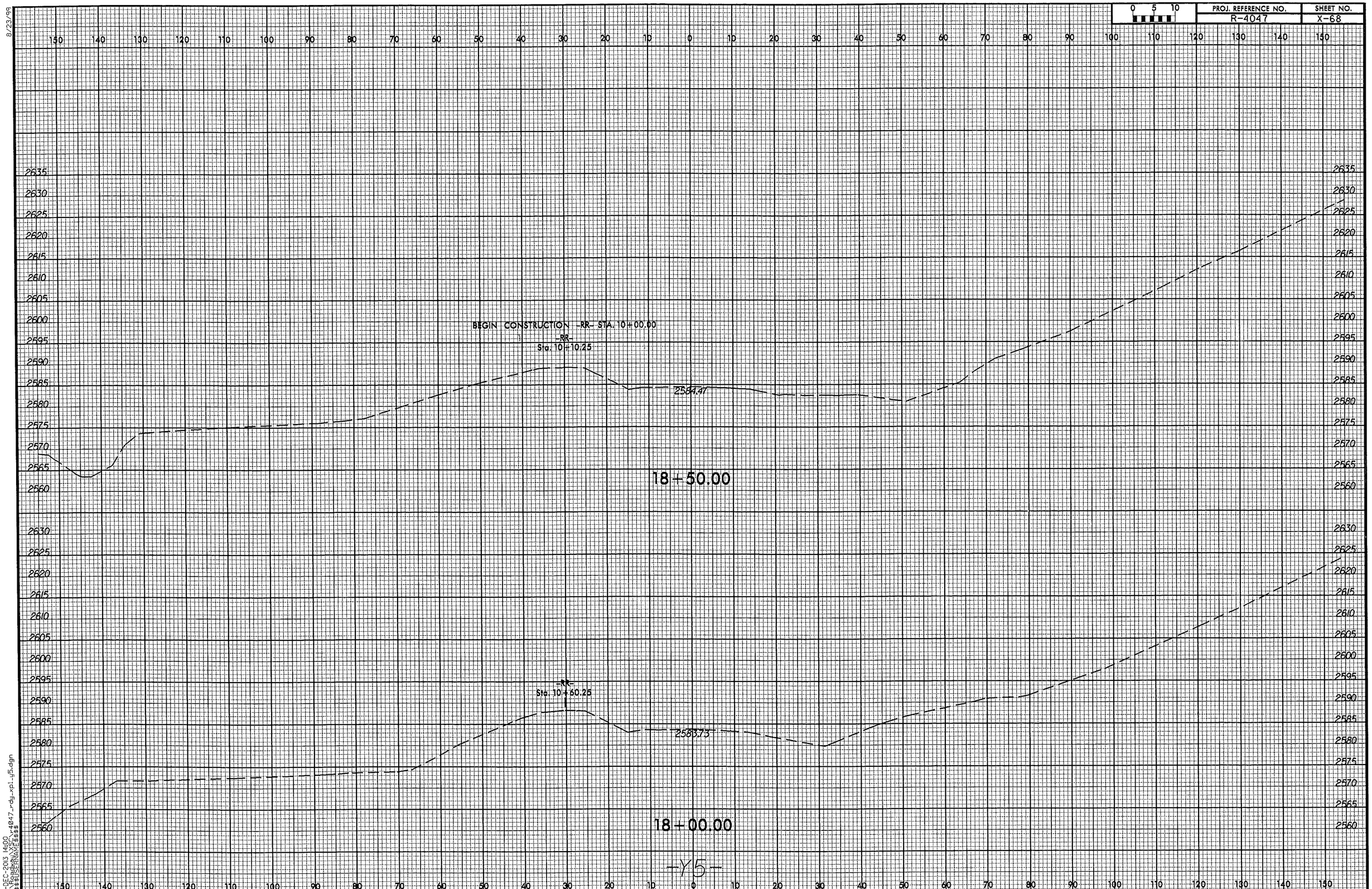
17+00.00

-Y5-

19-DEC-2013 14:00
R:\Projects\Y5C\r4047_rdy_xpl_y5.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-4047	X-68



19-DEC-2013 14:00
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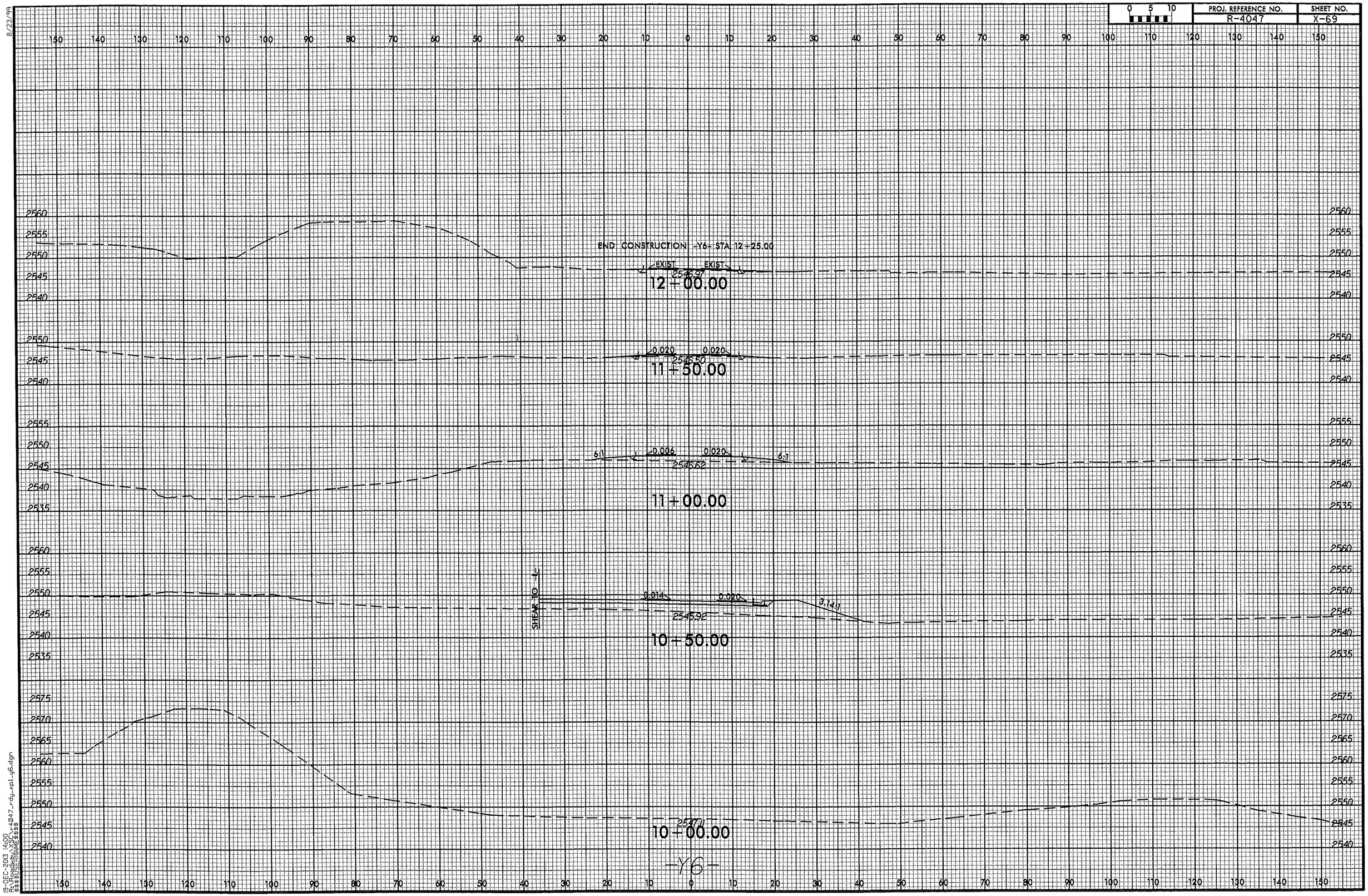
$$$$USERNAME$$$$



8/23/99

19-DEC-2013 14:00
R:\Roadway\XSC\r4047_rdy_xpl_y6.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10

PROJ. REFERENCE NO.	SHEET NO.
R-4047	X-70

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

2575
2570
2565
2560
2555
2550
2545
2540

2549.02

12+50.00

-Y6-

19-DEC-2013 14:00
R:\Projects\r4047_rdy_xpl_y6.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-4047	X-71

13+50.00

2556.27

13+00.00

2554.45

12+50.00

2552.57

12+00.00

2550.76

11+50.00

2548.72

11+00.00

2546.44

10+50.00

2547.69

-Y8-

19-DEC-2013 14:00
R:\Projects\XSC\r4047_rdy_xpl_y8.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-4047	X-72

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

2570
2565
2560
2555
2567.43
16+50.00
2575
2570
2565
2560
2555
2550
END CONSTRUCTION -Y8- STA. 16+15.00
2565.54
16+00.00
2565
2560
2555
2550
2563.84
15+50.00
2565
2560
2555
2550
2561.79
15+00.00
2565
2560
2555
2550
2559.97
14+50.00
2560
2555
2550
2558.12
14+00.00
-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

19-DEC-2013 14:00
R:\Roadway\xsl_r4047_rdy_xpl_y8i.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-4047	X-73

RESURFACE
2647.41

2647.24

BEGIN CONSTRUCTION -Y2L- STA. 14+14.00

14+50.00

14+00.00

-Y2L-

19-DEC-2013 14:00
R:\Roadway\XSC\r4047_rdy_xpl_y21.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-4047	X-74

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

2670 2665 2660 2655 2650 2645 2640 2635 2630 2625 2620 2615 2610 2605 2600 2595

WIDEN AND RESURFACE
2645.83

15+50.00

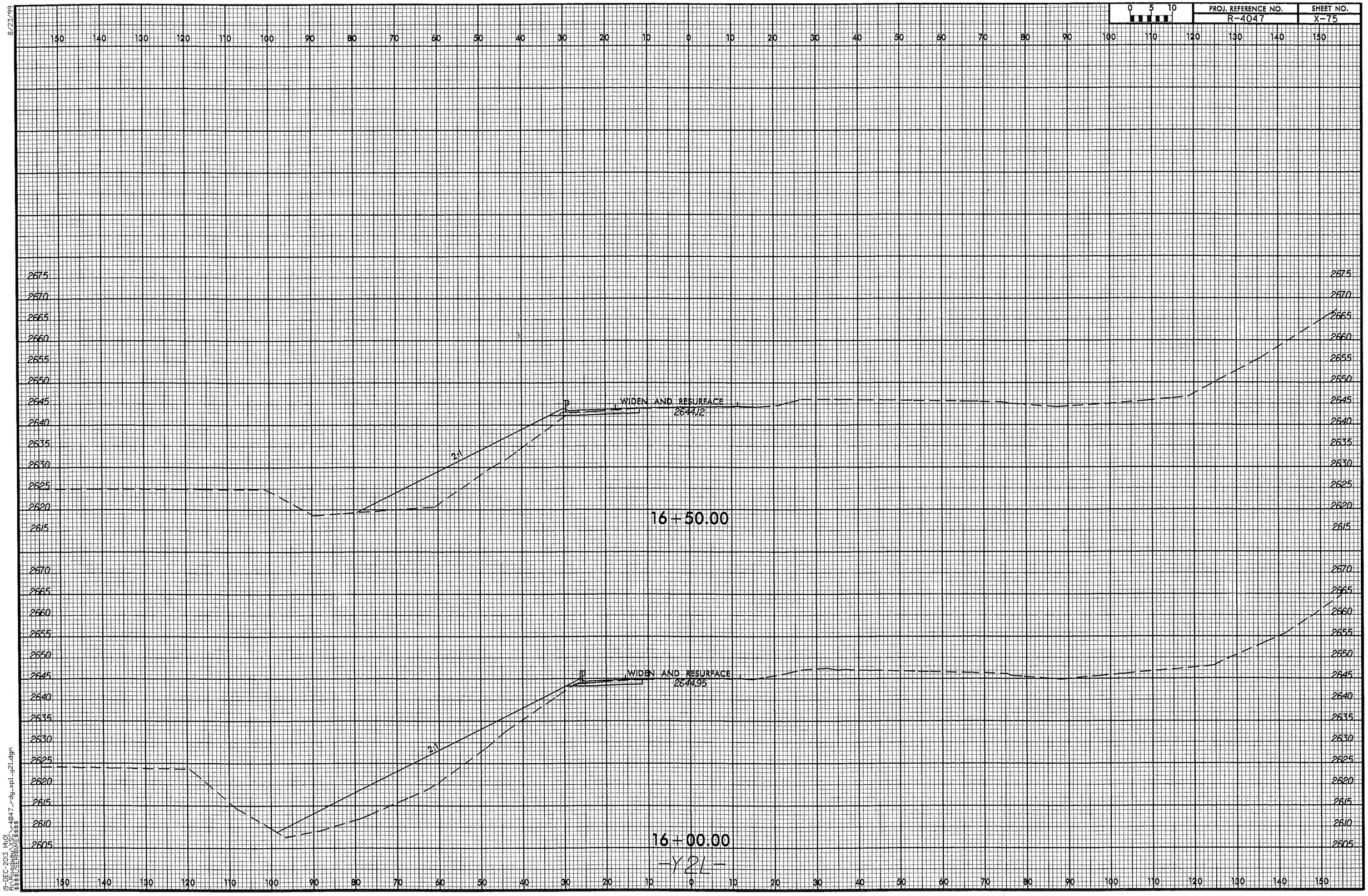
WIDEN AND RESURFACE
2646.54

15+00.00

-Y2L-

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

19-DEC-2013 14:01
R:\roadway\XSCL\r4047_rdy_xpl_uj21.dgn
$$$$USERNAME$$$$



8/23/99

19-DEC-2013 14:01
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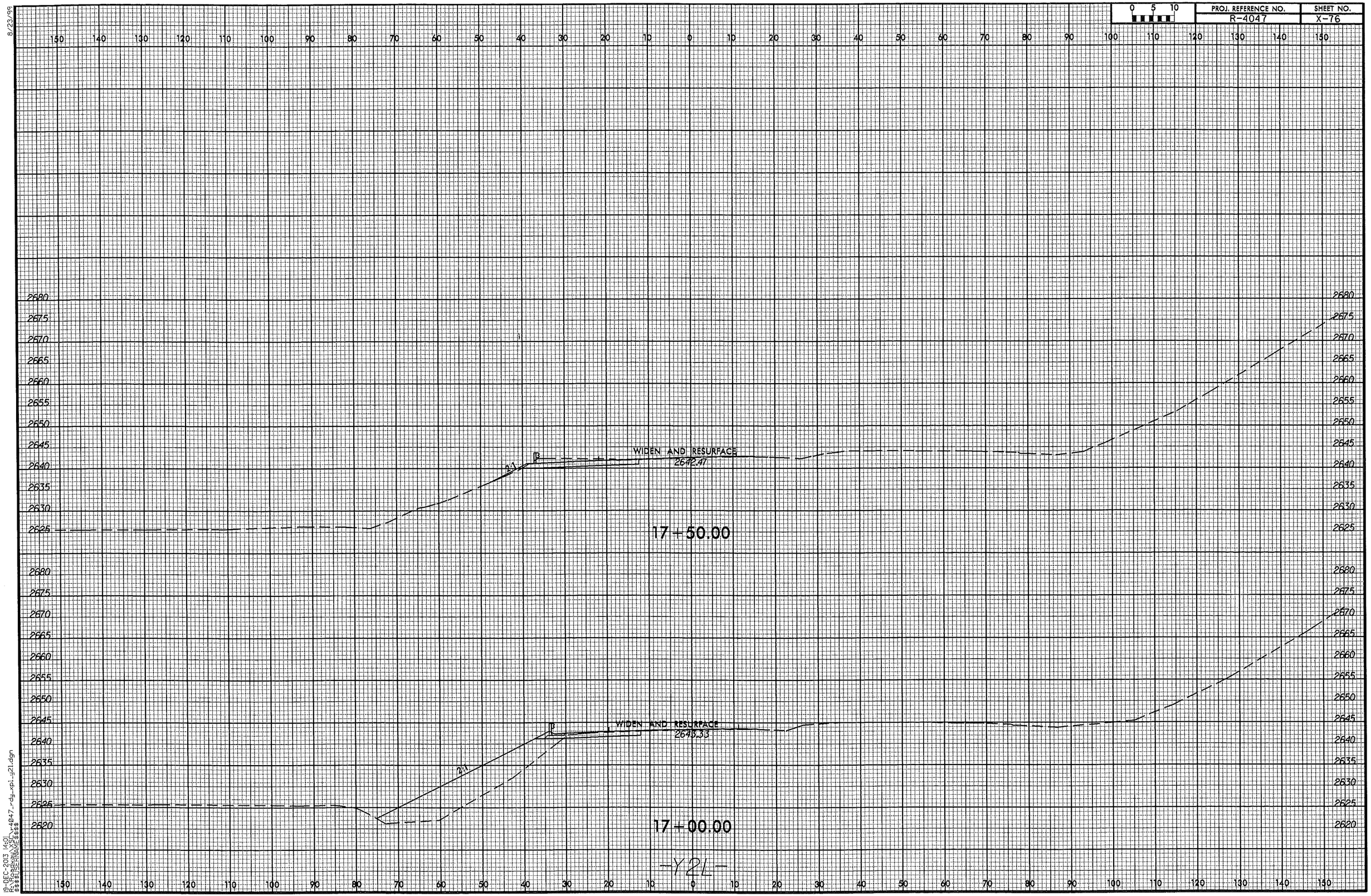
$$$$USERNAME$$$$



8/23/99

19-DEC-2013 14:01
R:\Roadway\XSC\r4047_rdy_xpl_y21.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-4047	X-77

WIDEN AND RESURFACE
2639.59

19+00.00

WIDEN AND RESURFACE
2640.67

18+50.00

WIDEN AND RESURFACE
2641.55

18+00.00

-Y2L-

19-DEC-2013 14:01
R:\Roadway\SCS\r4047_rdy_xpl_y21.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-4047	X-78

WIDEN AND RESURFACE
2635.92
20+50.00

WIDEN AND RESURFACE
2637.37
20+00.00

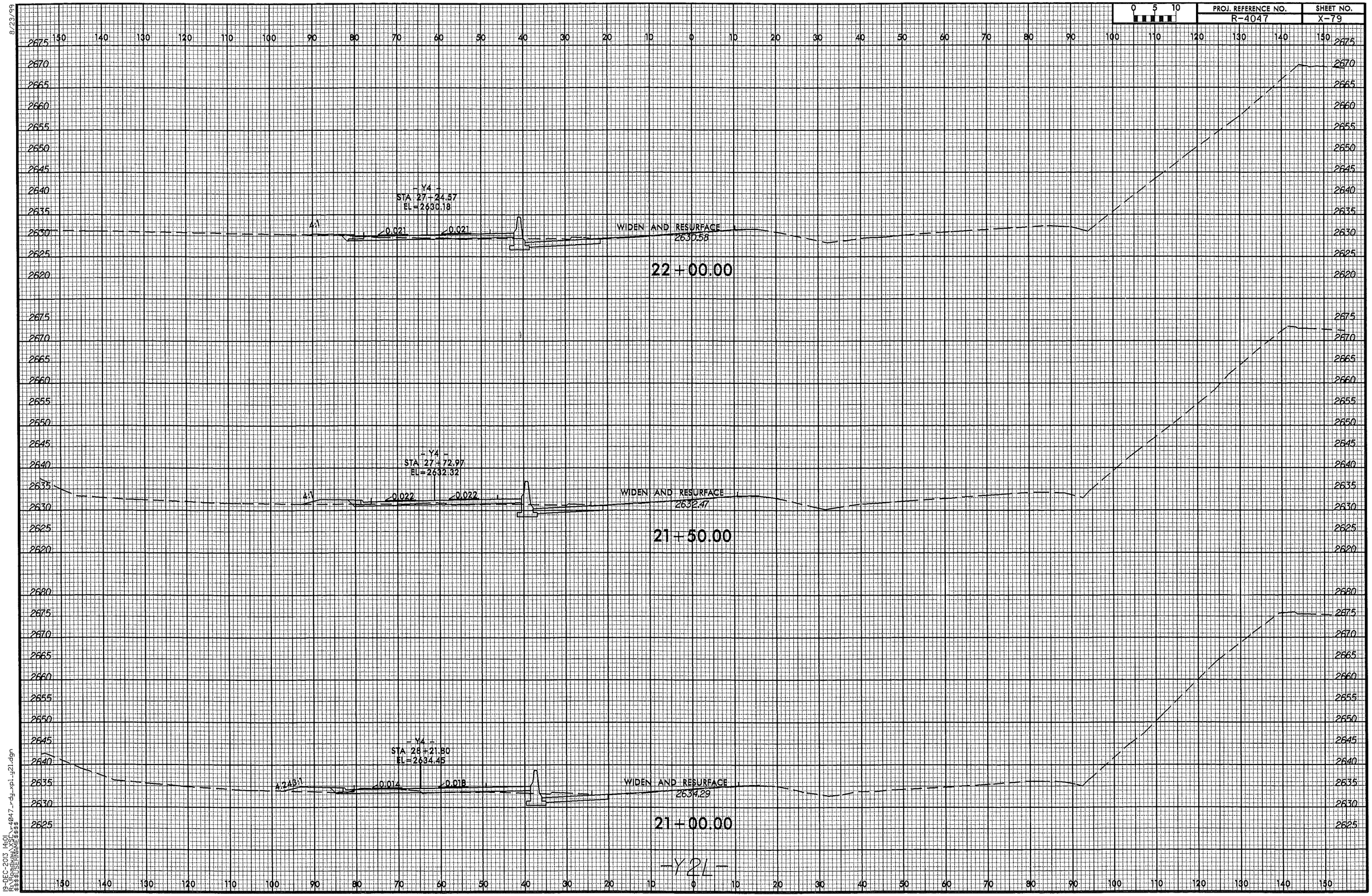
WIDEN AND RESURFACE
2638.55
19+50.00

-Y2L-

19-DEC-2013 14:01
R:\Roadway\XSC\r4047_rdy_xpl_yl21.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-4047	X-79



19-DEC-2013 14:01
R:\Roadway\XSC\r4047_rdy_xpl_y21.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-4047	X-80

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

2665 2660 2655 2650 2645 2640 2635 2630 2625 2620 2615

-Y4-
STA 26+27.45
EL=2625.77

4:1 0.019 0.019

WIDEN AND RESURFACE
2626.54

23+00.00

2670 2665 2660 2655 2650 2645 2640 2635 2630 2625 2620

-Y4-
STA 26+76.22
EL=2628.00

4:1 0.020 0.020

WIDEN AND RESURFACE
2628.57

22+50.00

-Y2L-

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

19-DEC-2013 14:01
R:\roadway\XSC\r4047_rdy_xpl_y21.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-4047	X-81

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

2615 2610 2605 2600

RESURFACE

6:1

2606.06

2608.29

15+00.00

RESURFACE

2620 2615 2610 2605 2600

SHEAR TO RPB

6:1

2606.70

RESURFACE

2608.65

14+50.00

RESURFACE

SHEAR TO RPC

2620 2615 2610 2605 2600

SHEAR TO RPB

6:1

2607.87

RESURFACE

2609.39

14+00.00

RESURFACE

SHEAR TO RPC

2625 2620 2615 2610 2605

SHEAR TO RPB

6:1

2610.22

RESURFACE

2610.81

13+50.00

RESURFACE

SHEAR TO RPC

2625 2620 2615 2610 2605

SHEAR TO RPB

RESURFACE

2612.05

13+00.00

RESURFACE

SHEAR TO RPC

2630 2625 2620 2615 2610 2605

SHEAR TO RPB

RESURFACE

2613.41

12+50.00

RESURFACE

SHEAR TO RPC

-Y2L2-

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

19-DEC-2013 14:01
R:\Roadway\XSGs\r4047_rdy_xpl_y212.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-4047	X-82

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

2620 2615 2610 2605 2600 2595

RESURFACE

2611.58

18+50.00

RESURFACE

6:1 6:1

2607.75

RESURFACE

2610.43

18+00.00

RESURFACE

6:1 6:1

2606.74

RESURFACE

2609.37

17+50.00

RESURFACE

6:1 6:1

2606.00

RESURFACE

2608.30

17+00.00

RESURFACE

6:1 6:1

2605.53

RESURFACE

2607.33

16+50.00

RESURFACE

6:1 6:1

2605.74

RESURFACE

2605.60

16+00.00

RESURFACE

6:1 6:1

2605.97

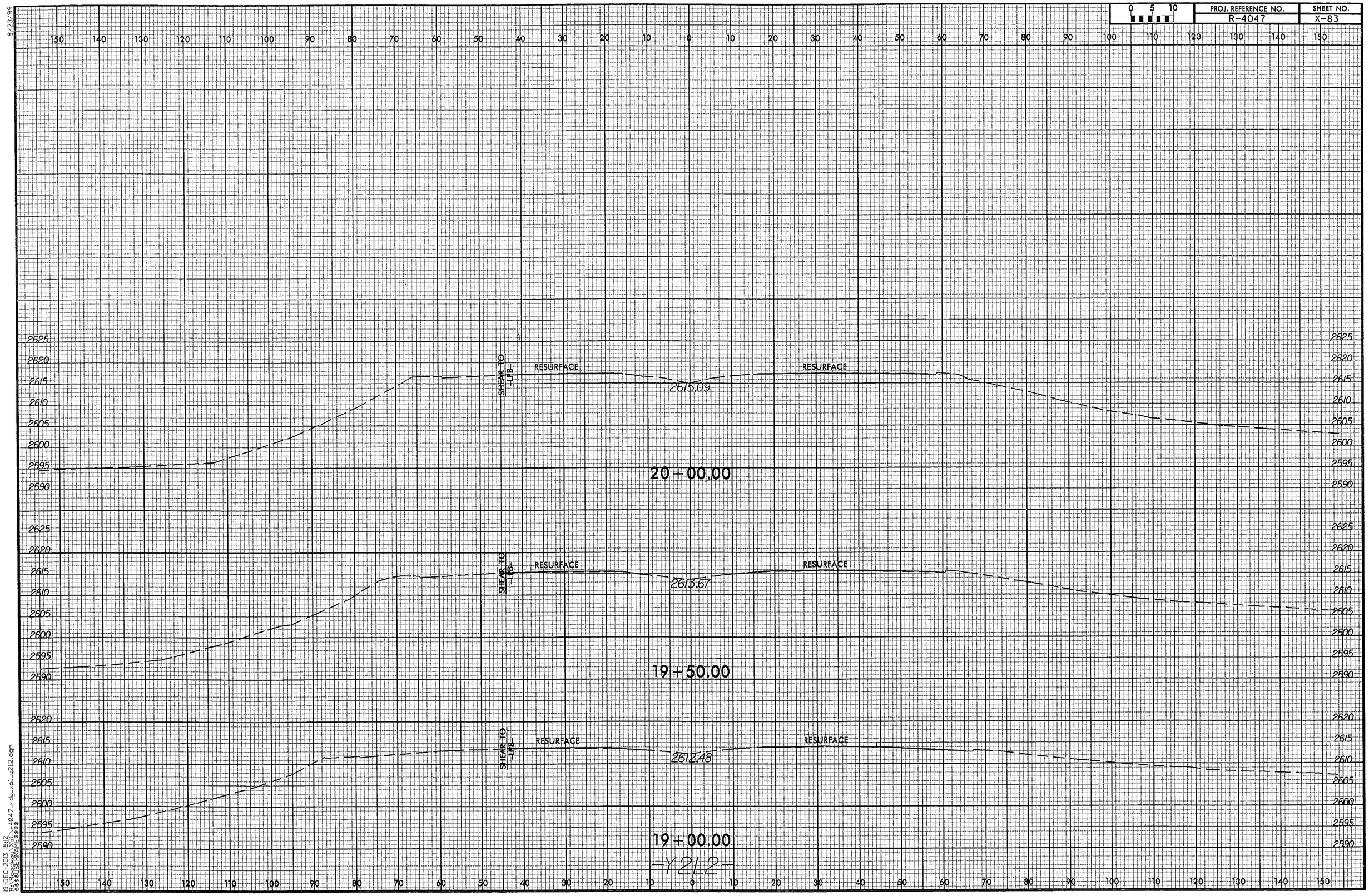
RESURFACE

2607.80

15+50.00

-Y2L2-

19-DEC-2013 14:01
R:\Roadway\XSC\r4047_rdy_xp1_y212.dgn
$$$$USERNAME$$$$



8/23/99

19-DEC-2013 15:12
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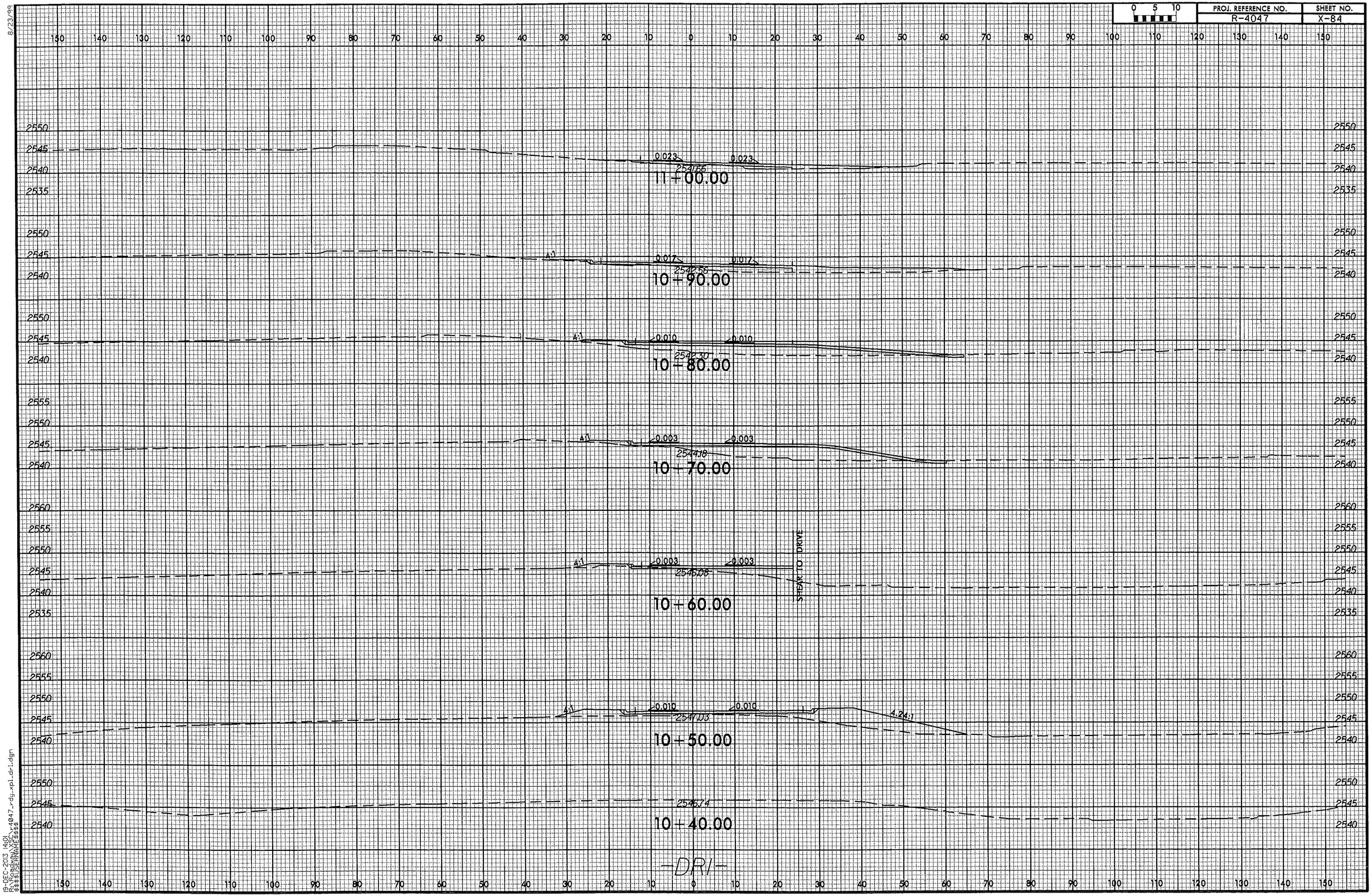

8/23/99

19-DEC-2013 14:01
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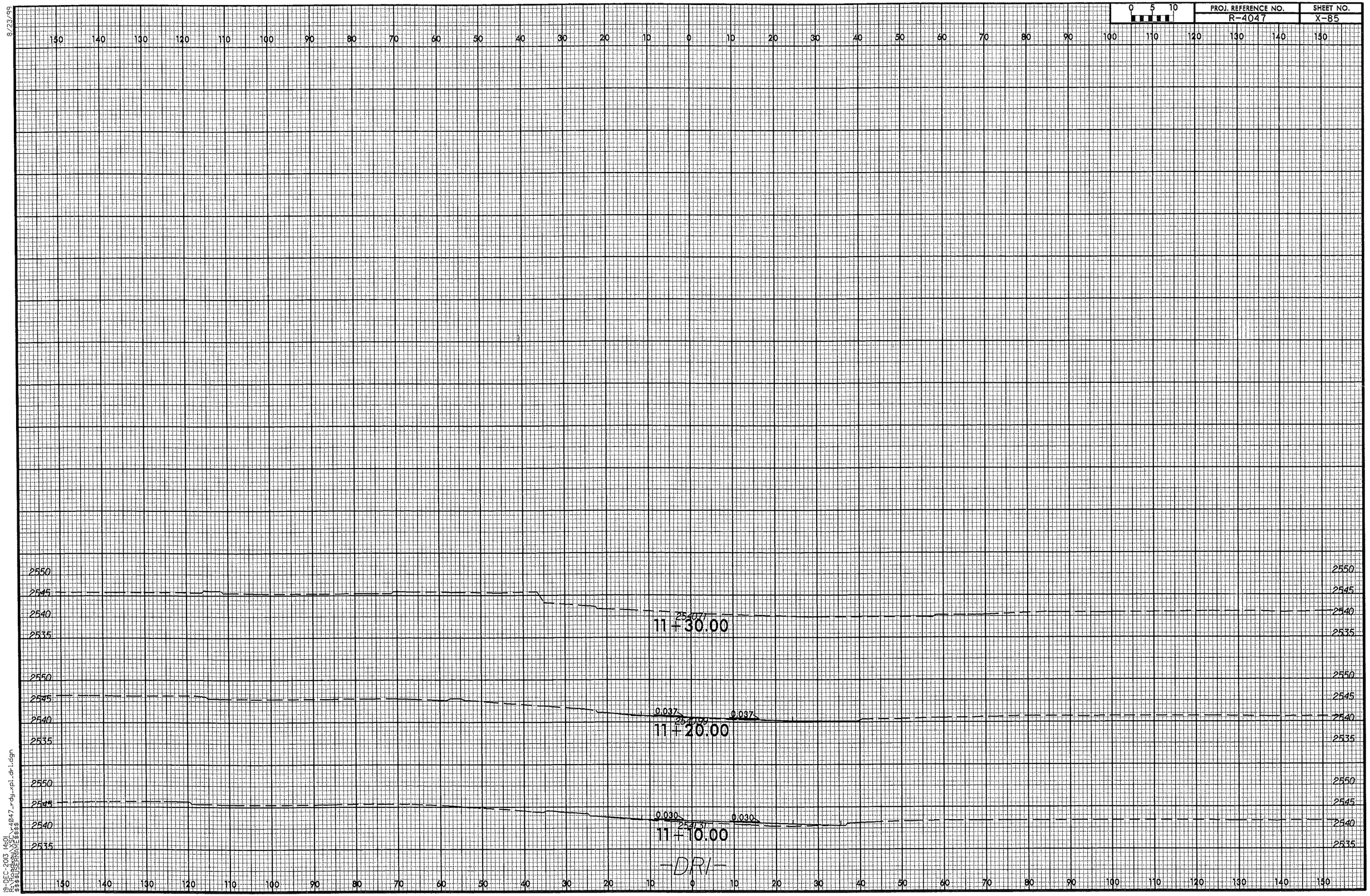
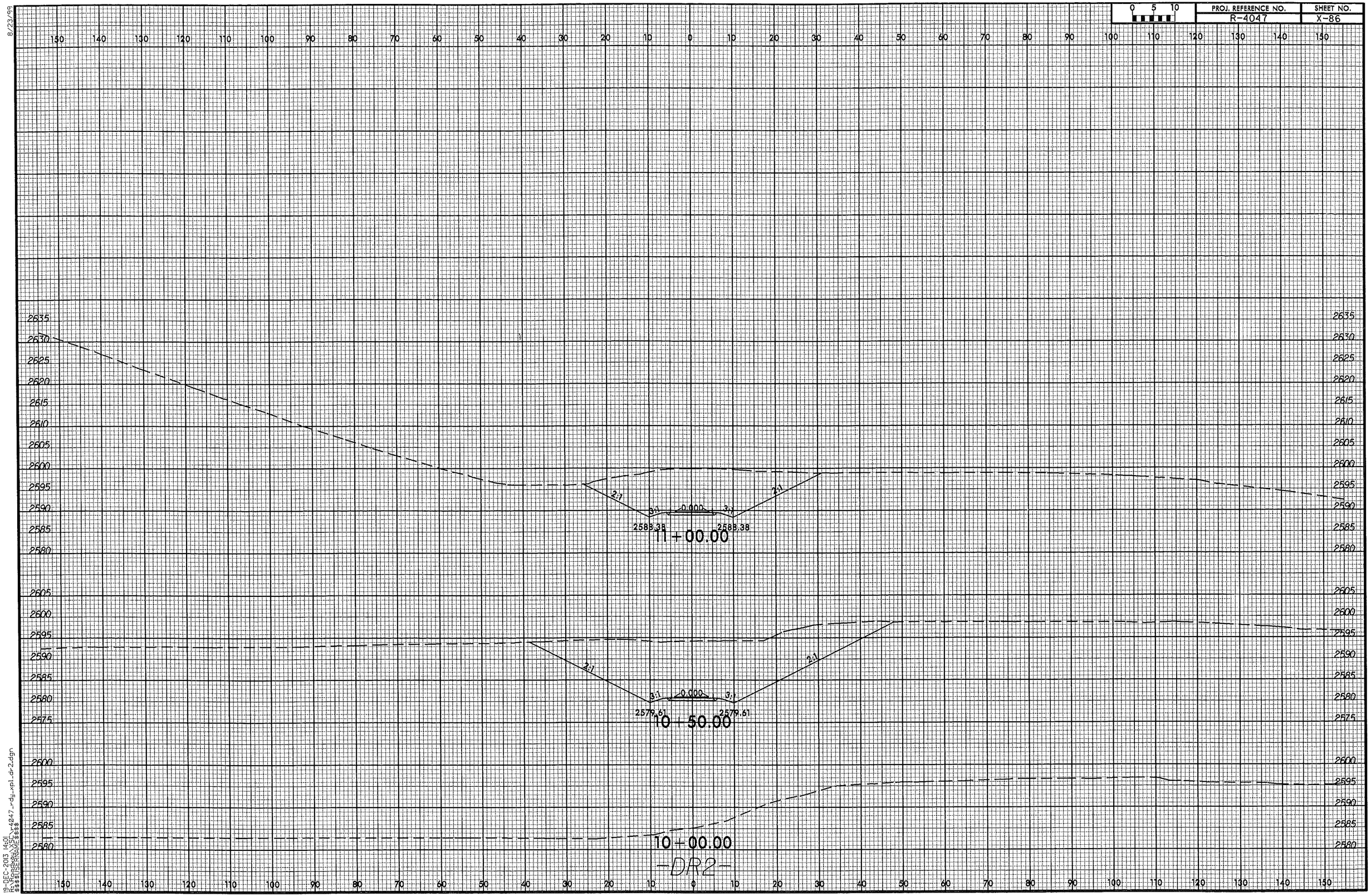


0 5 10
PROJ. REFERENCE NO.
R-4047
SHEET NO.
X-85
8/23/99
2550
2545
2540
2535
2540.71
11+30.00
0.037
2540.99
0.037
11+20.00
0.030
2541.31
0.030
11+10.00
-DRI-
19-DEC-2013 14:01
R:\Roadway\XSC\r4047_rdy_xpl_dri.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-4047	X-86



19-DEC-2013 14:01
R:\Roadway\XSC\r4047_rdy_xpl_dr2.dgn
$$$$USERNAME$$$$

8/23/99

PROJ. REFERENCE NO.	SHEET NO.
R-4047	X-87

0 5 10

12+50.00

3:1 3:1 0.000 3:1 6:1

2614.66 2614.66

12+00.00

2:1 3:1 0.000 3:1 2:1

2605.90 2605.90

11+50.00

2:1 3:1 0.000 3:1 2:1

2597.14 2597.14

-DR2-

19-DEC-2013 14:01
R:\Roadway\XSC\r4047_rdy_xpl_dr2.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-4047	X-88

13+50.00

END CONSTRUCTION -DR2- STA. 13+10.00

9:1 3:1 0.000 3:1 6:1

2623.01 2623.01

13+00.00

-DR2-

19-DEC-2013 14:01
R:\Roadway\SC_r-4047_rdy_xpl_dr-2.dgn
$$$$USERNAME$$$$