LOCHNER
H. W. LOCHNER, INC.
2840 PLAZA PLACE, SUITE 202
RALEIGH, NC 27612
NC License Number F-0159

PROJECT REFERENCE NO.	SHEET NO.
U-4444B	X-A

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION INDEX SUMMARY

LOCATION	BEGIN STATION	END STATION	PAGE NO.
-L-	170+00	210+43.84	1 - 17
-Y6-	23+33.65	46+00	18 - 33
-Y6A-	10+50	13+00	34 - 35
-Y6C-	10+00	21+50	36 -50
-Y6R-	10+00	12+75	51 - 56
-Y7-	11+77.77	26+50	57 - 63
-Y7A-	186+43.53	188+81.45	64 - 65
-Y8-	10+00	19+00	66 - 69
-Y10-	13+50	25+50	70 - 77
-Y10DR3-	10+00	11+00	78
-Y16-	10+00	18+00	79 - 80
-Y17-	12+50	14+50	81
-Y3C-	10+00	12+00	82

Note: Quantities are approximate only. The Resident Engineer will re-cross-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.

5/28/99
8-AUG-2012 14:44
\1835\Design\U-4444\Roadway\Proj\U-4444B\Roadway\Xsc\U4444B_RDY_XSC_INDEX.dgn
$$$USERNAME$$$$

PROJ. REFERENCE NO.	SHEET NO.
U-4444B	X-B

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

Station	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
Y6		
23+33.65	0	0
23+43.76	0	21
24+00.00	1	91
24+50.00	2	55
24+68.73	1	17
25+00.00	1	26
25+48.14	6	34
26+00.00	17	29
26+16.10	8	11
26+50.00	23	23
26+88.92	28	36
27+00.00	6	15
27+17.79	8	30
27+50.00	14	71
28+00.00	12	142
28+21.35	5	77
28+50.00	6	154
28+69.44	0	144
29+00.00	0	306
29+56.53	0	1018
29+78.33	0	560
30+03.51	0	729
30+50.00	0	1478
30+78.81	0	882
31+03.79	0	626
31+50.00	0	847
32+00.00	0	560
32+50.00	0	251
32+94.41	4	79
33+50.00	8	45
34+00.00	3	30
34+50.00	1	36
35+00.00	16	36
35+50.00	31	27
36+00.00	34	20
36+50.00	42	23
36+88.92	44	17
37+00.00	15	3
37+17.92	29	2
38+00.00	107	2
38+03.69	3	0
38+30.00	22	0
38+50.00	14	0
39+00.00	23	0
39+30.00	6	0
39+50.00	2	0
39+76.00	2	1
46+00.00	53	69

Station	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
Y6C		
11+00.00	0	0
11+50.00	0	1758
12+00.00	0	1963
12+50.00	0	2240
13+00.00	0	2538
Station Y6C	**Suitable Uncl. Exc. (cu. yd.)**	**Suitable Embt (cu. yd.)**
15+00.00	0	0
15+50.00	0	2487
16+00.00	0	2143
16+50.00	0	1834
17+00.00	0	1563
17+50.00	0	1608
Station Y6C	**Suitable Uncl. Exc. (cu. yd.)**	**Suitable Embt (cu. yd.)**
18+50.00	0	0
19+00.00	0	666
19+50.00	0	418
20+00.00	0	144
20+50.00	2	26
21+00.00	6	6
Station Y10	**Suitable Uncl. Exc. (cu. yd.)**	**Suitable Embt (cu. yd.)**
14+00.00	0	0
14+50.00	1	102
15+00.00	0	66
15+50.00	0	123
16+00.00	0	307
16+50.00	0	422
17+00.00	0	516
17+50.00	0	734
18+00.00	0	961
18+50.00	0	1161
19+00.00	0	1325
19+50.00	0	1628
20+00.00	0	1888
20+50.00	0	2315
Station Y6R	**Suitable Uncl. Exc. (cu. yd.)**	**Suitable Embt (cu. yd.)**
10+00.00	0	0
10+25.00	0	1223
10+50.00	0	1244
10+75.00	0	1191
11+00.00	0	1103
11+25.00	0	1192

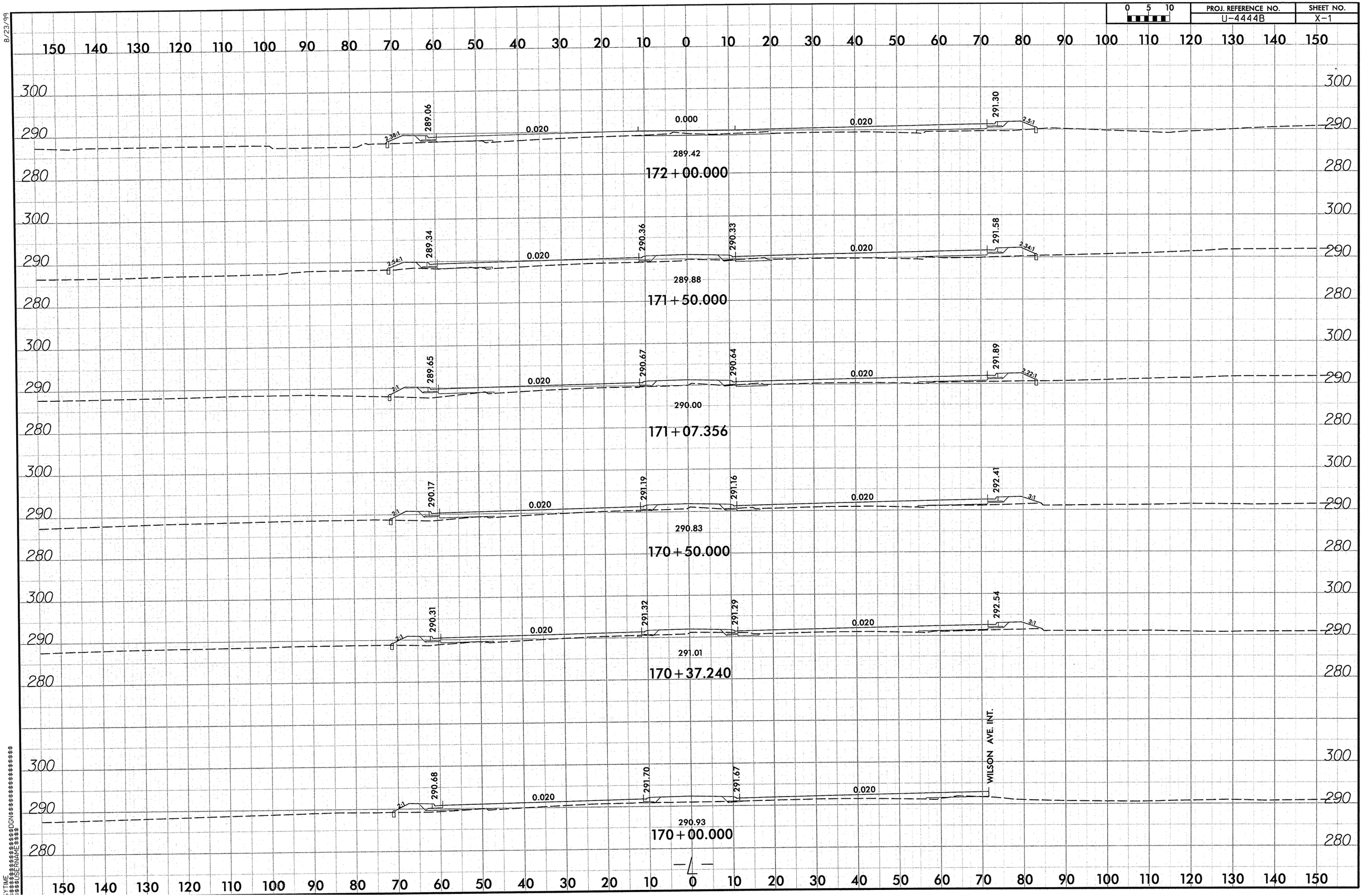
Station	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
Y6R		
11+50.00	0	1392
11+75.00	0	1365
12+00.00	0	1264
12+25.00	0	1310
12+50.00	0	1322
12+75.00	0	1284
Station Y10	**Suitable Uncl. Exc. (cu. yd.)**	**Suitable Embt (cu. yd.)**
22+00.00	0	0
22+50.00	0	1611
23+00.00	0	1054
23+50.00	0	732
24+00.00	0	509
24+50.00	0	382
Station Y10Dr3	**Suitable Uncl. Exc. (cu. yd.)**	**Suitable Embt (cu. yd.)**
10+50.00	0	0
10+75.00	2	67
Station Y3C	**Suitable Uncl. Exc. (cu. yd.)**	**Suitable Embt (cu. yd.)**
10+50.00	0	0
12+00.00	29	0
Station Y8	**Suitable Uncl. Exc. (cu. yd.)**	**Suitable Embt (cu. yd.)**
10+50.00	0	0
11+00.00	9	6
11+50.00	10	8
12+00.00	12	18
12+50.00	14	29
13+00.00	13	21
13+50.00	11	17
14+00.00	20	12
14+50.00	17	11
15+00.00	2	20
15+50.00	3	17
16+00.00	4	16
16+50.00	7	15
17+00.00	137	37
17+50.00	251	30
18+00.00	323	0
18+50.00	400	0
19+00.00	344	1

Station	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
L		
169+50.00	0	0
170+00.00	0	0
170+37.24	5	59
170+50.00	2	24
171+07.36	9	120
171+50.00	7	91
172+00.00	15	84
172+50.00	15	105
173+00.00	7	194
173+50.00	4	189
174+00.00	2	162
174+50.00	1	197
175+00.00	0	182
175+50.00	0	158
176+00.00	0	159
176+50.00	0	155
177+00.00	0	135
177+50.00	0	137
177+95.66	1	125
178+50.00	24	99
179+00.00	39	32
179+50.00	19	5
179+95.66	4	6
180+50.00	15	33
181+00.00	25	40
181+50.00	28	34
182+00.00	38	32
182+50.00	44	26
183+00.00	46	41
183+50.00	52	42
184+00.00	61	23
184+50.00	57	18
185+00.00	49	24
185+50.00	48	42
186+00.00	30	60
186+43.53	20	46
187+00.00	31	26
187+50.00	23	6
188+50.00	35	12
188+81.45	10	2
189+00.00	10	0
189+48.72	35	6
190+00.00	29	13
190+50.00	23	17
191+00.00	18	17
191+26.62	8	7
191+50.00	11	6
191+93.84	27	16
192+50.00	33	41
193+00.00	30	49

Station	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
Y7		
11+77.77	0	0
12+20.27	18	61
12+61.38	10	60
13+00.00	8	47
13+50.00	18	45
14+00.00	16	27
14+44.60	8	8
15+00.00	12	2
15+50.00	11	0
Station Y6A	**Suitable Uncl. Exc. (cu. yd.)**	**Suitable Embt (cu. yd.)**
11+00.00	0	0
11+50.00	33	14
12+00.00	8	11
12+50.00	5	10
Station Y7A/L	**Suitable Uncl. Exc. (cu. yd.)**	**Suitable Embt (cu. yd.)**
187+00.00	0	0
187+50.00	2	31
188+00.00	3	24
188+13.82	0	6
188+50.00	2	16
188+81.45	3	14
189+00.00	2	8
Station Y17	**Suitable Uncl. Exc. (cu. yd.)**	**Suitable Embt (cu. yd.)**
13+00.00	0	0
13+50.00	25	4
14+00.00	22	5
14+50.00	54	3
Station L	**Suitable Uncl. Exc. (cu. yd.)**	**Suitable Embt (cu. yd.)**
193+00.00	0	0
193+50.00	37	54
194+00.00	44	49
194+12.92	13	10
194+44.08	21	43
194+62.34	6	43
195+00.00	24	148
195+50.00	48	359
196+00.00	51	575
196+50.00	44	735
197+00.00	38	691
197+50.00	39	503
198+00.00	28	341

Station	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
L		
198+13.07	4	66
198+50.00	14	152
199+00.00	28	122
199+92.77	48	90
200+50.00	39	23
201+00.00	37	5
201+50.00	40	2
202+00.00	38	2
202+38.36	26	0
202+50.00	9	0
203+00.00	36	5
203+50.00	30	10
204+00.00	25	6
204+43.84	18	8
205+00.00	33	10
205+50.00	37	0
206+00.00	37	0
206+50.00	35	0
206+80.11	19	0
207+00.00	12	0
207+50.00	28	0
208+00.00	23	0
208+50.00	18	0
209+00.00	15	0
209+50.00	14	0
210+00.00	12	0

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-1



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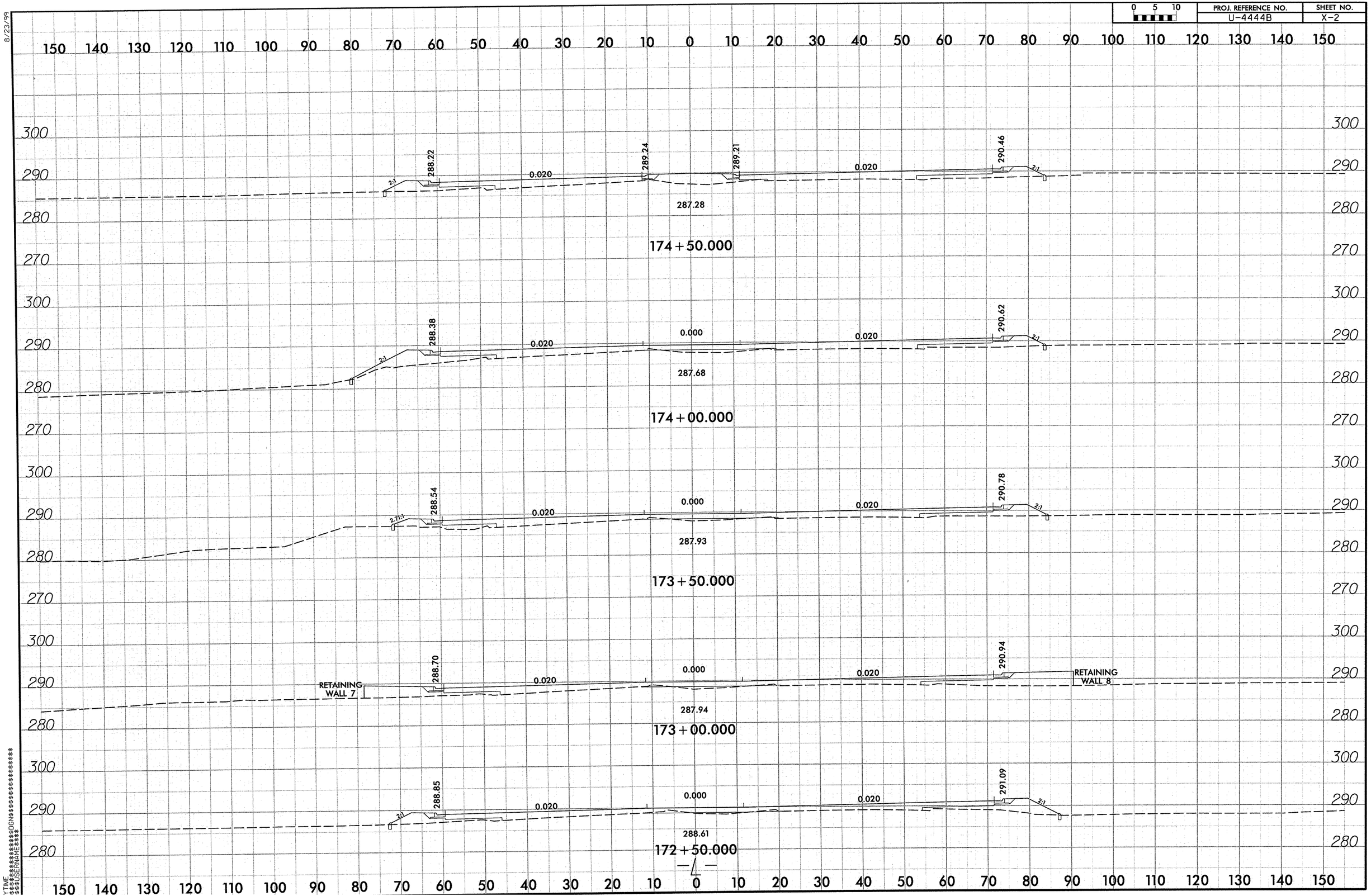
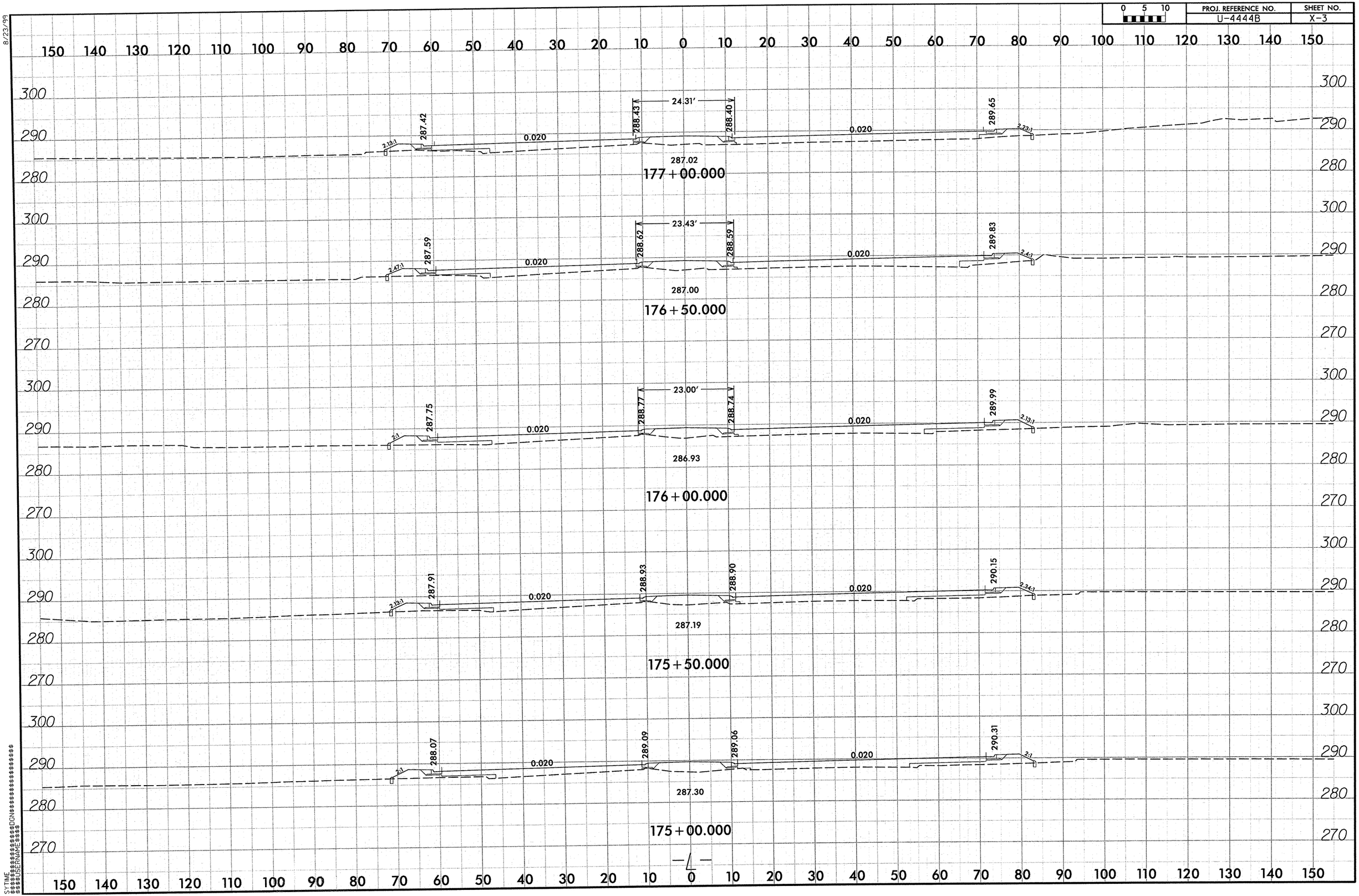
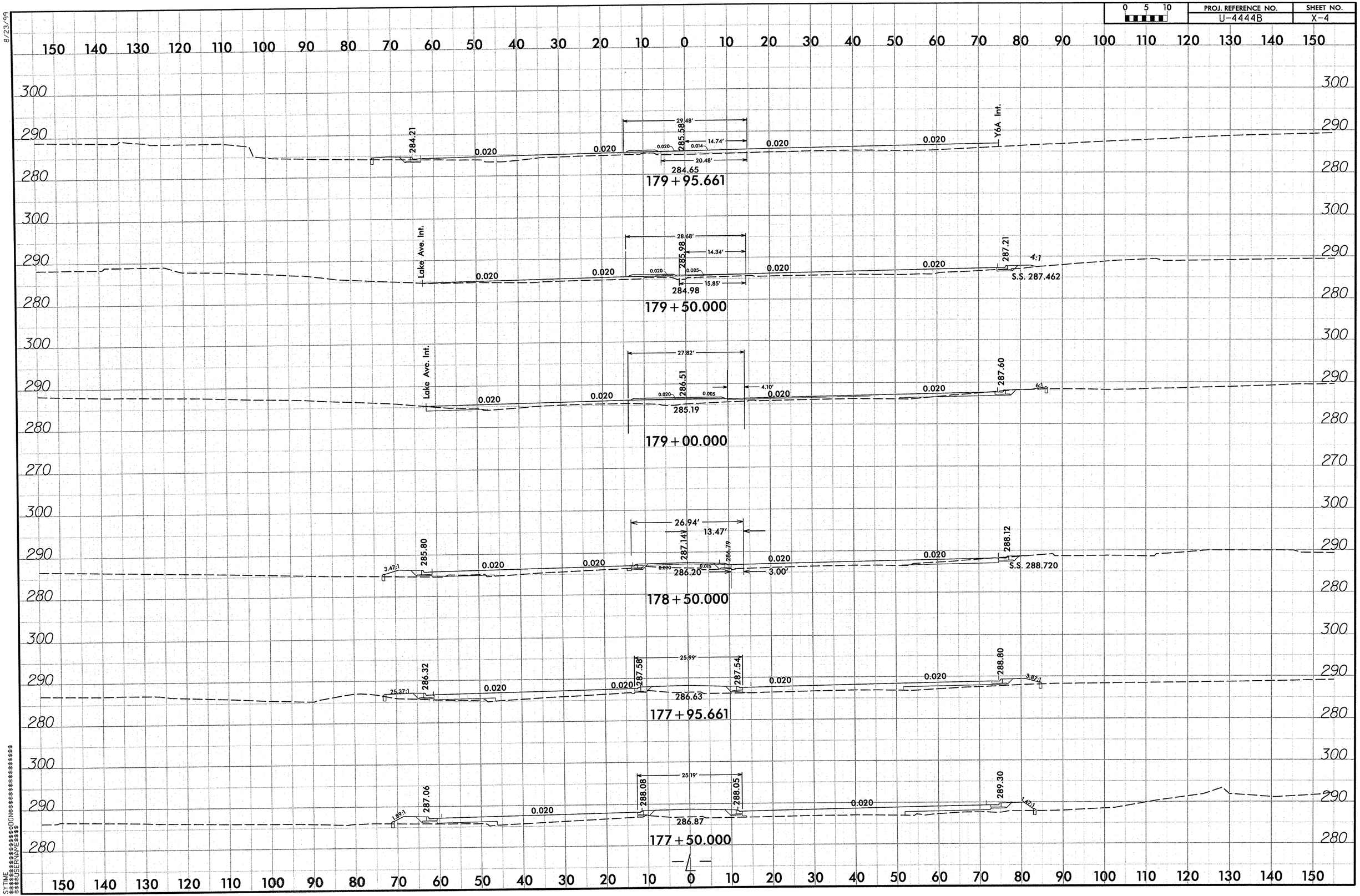


0 5 10
PROJ. REFERENCE NO.
U-4444B
SHEET NO.
X-2
8/23/99
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
300
290
280
270
288.22
289.24
289.21
290.46
0.020
0.020
2:1
287.28
174+50.000
288.38
290.62
0.000
0.020
0.020
287.68
174+00.000
288.54
290.78
0.000
0.020
0.020
287.93
173+50.000
288.70
290.94
RETAINING WALL 7
RETAINING WALL 8
0.000
0.020
0.020
287.94
173+00.000
288.85
291.09
0.000
0.020
0.020
288.61
172+50.000

PROJ. REFERENCE NO.	SHEET NO.
U-4444B	X-3

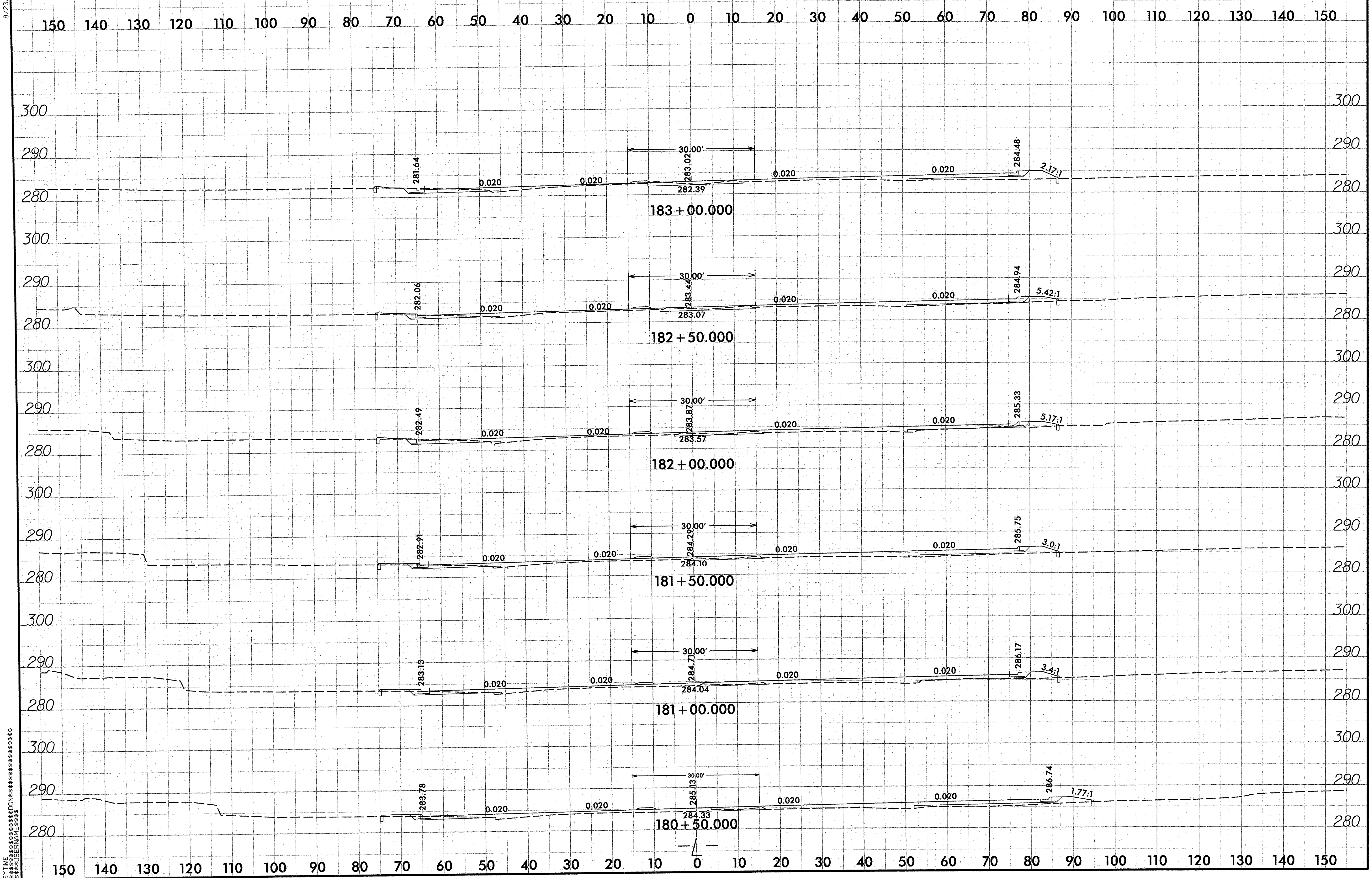




PROJ. REFERENCE NO.
U-4444B
SHEET NO.
X-4
0 5 10
8/23/99
179+95.661
284.21
285.58
284.65
29.48'
14.74'
20.48'
0.020
Y6A Int.
179+50.000
Lake Ave. Int.
285.98
284.98
28.68'
14.34'
15.85'
287.21
4:1
S.S. 287.462
179+00.000
Lake Ave. Int.
286.51
285.19
27.82'
4.10'
287.60
6:1
178+50.000
285.80
287.14
286.20
286.79
26.94'
13.47'
3.00'
288.12
S.S. 288.720
177+95.661
286.32
287.58
286.63
287.54
25.99'
288.80
3.87:1
177+50.000
287.06
288.08
286.87
288.05
25.19'
289.30
1.47:1

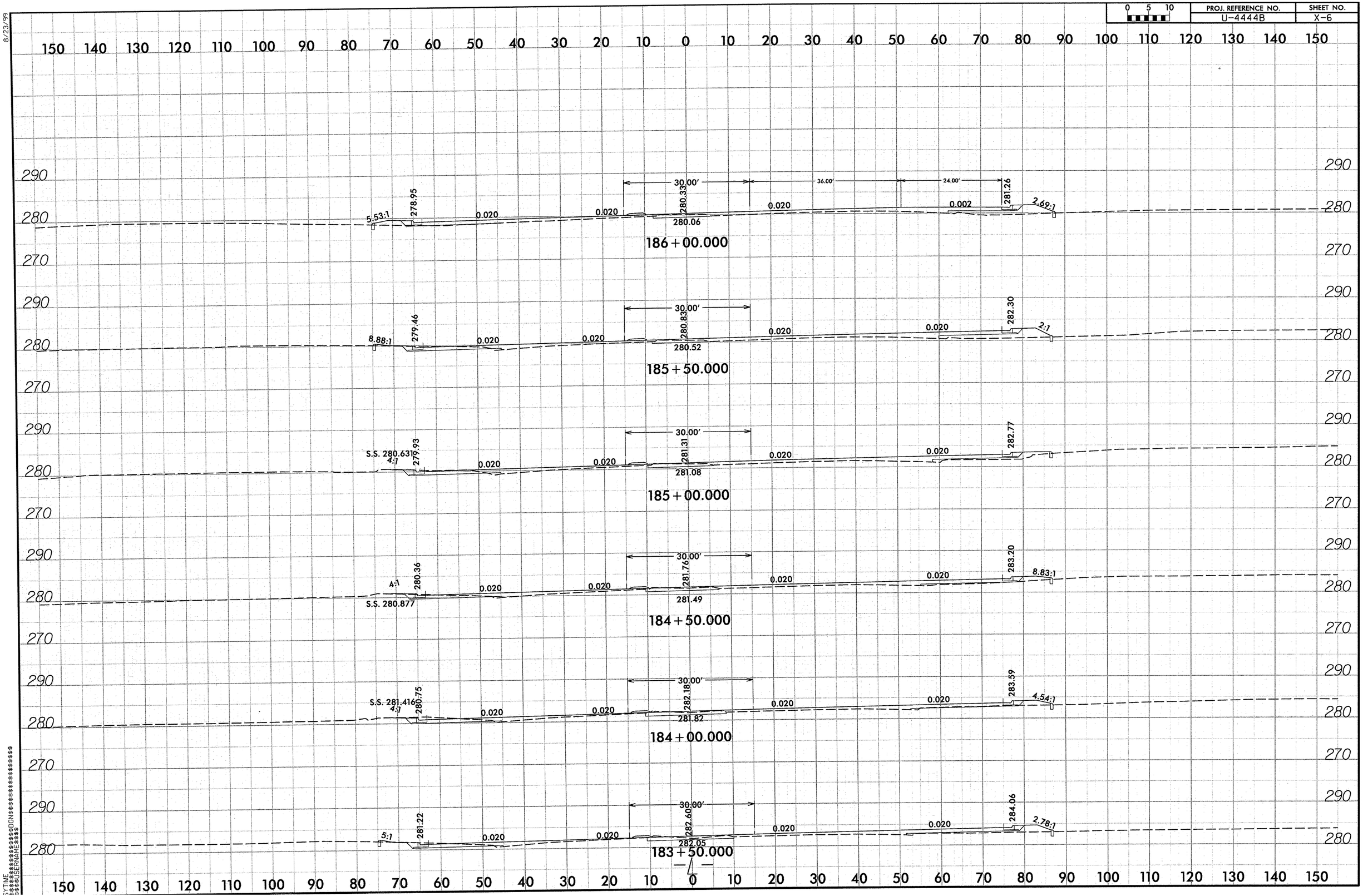
8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-5



$$$$SYTIME$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-6



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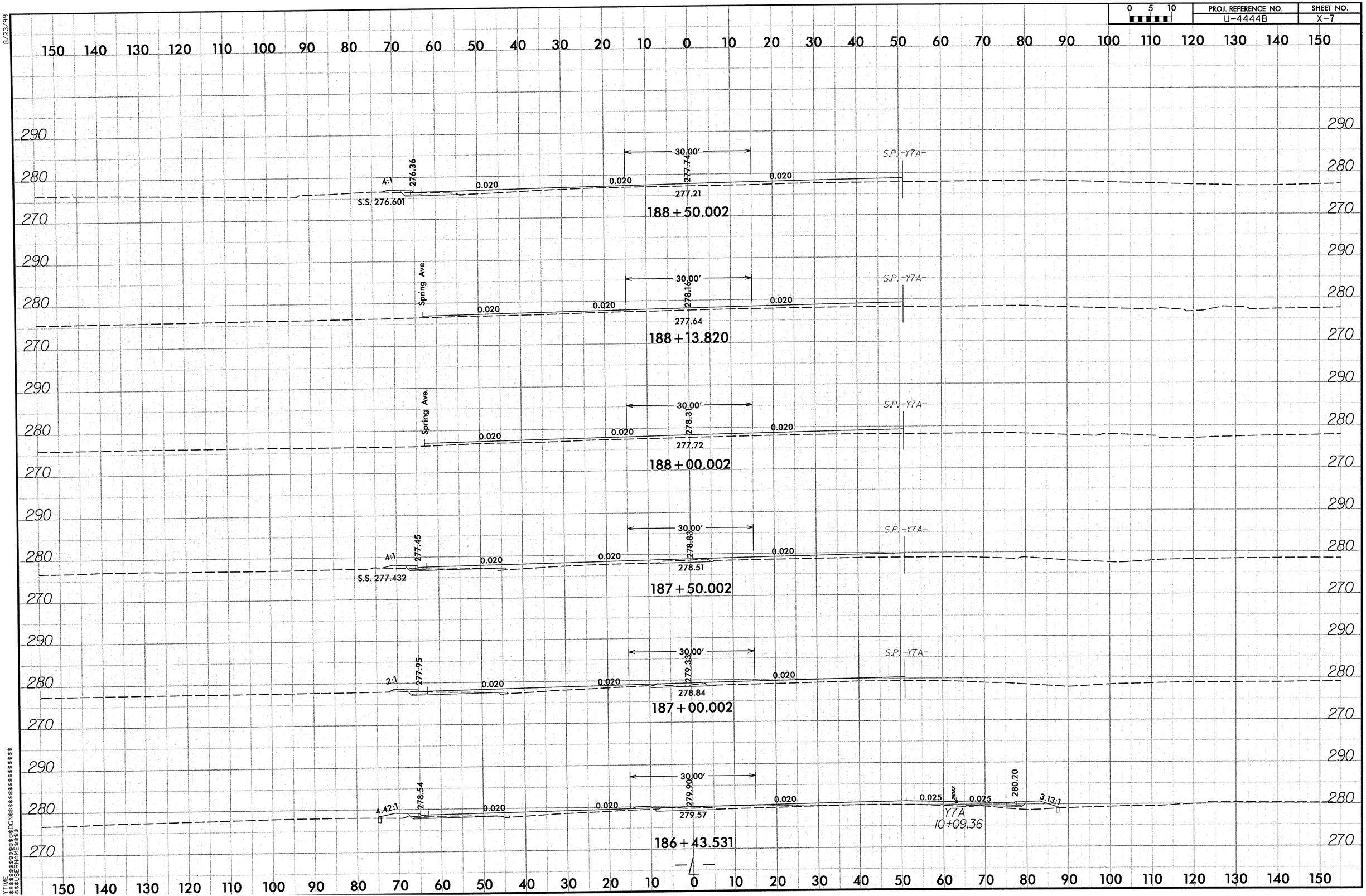
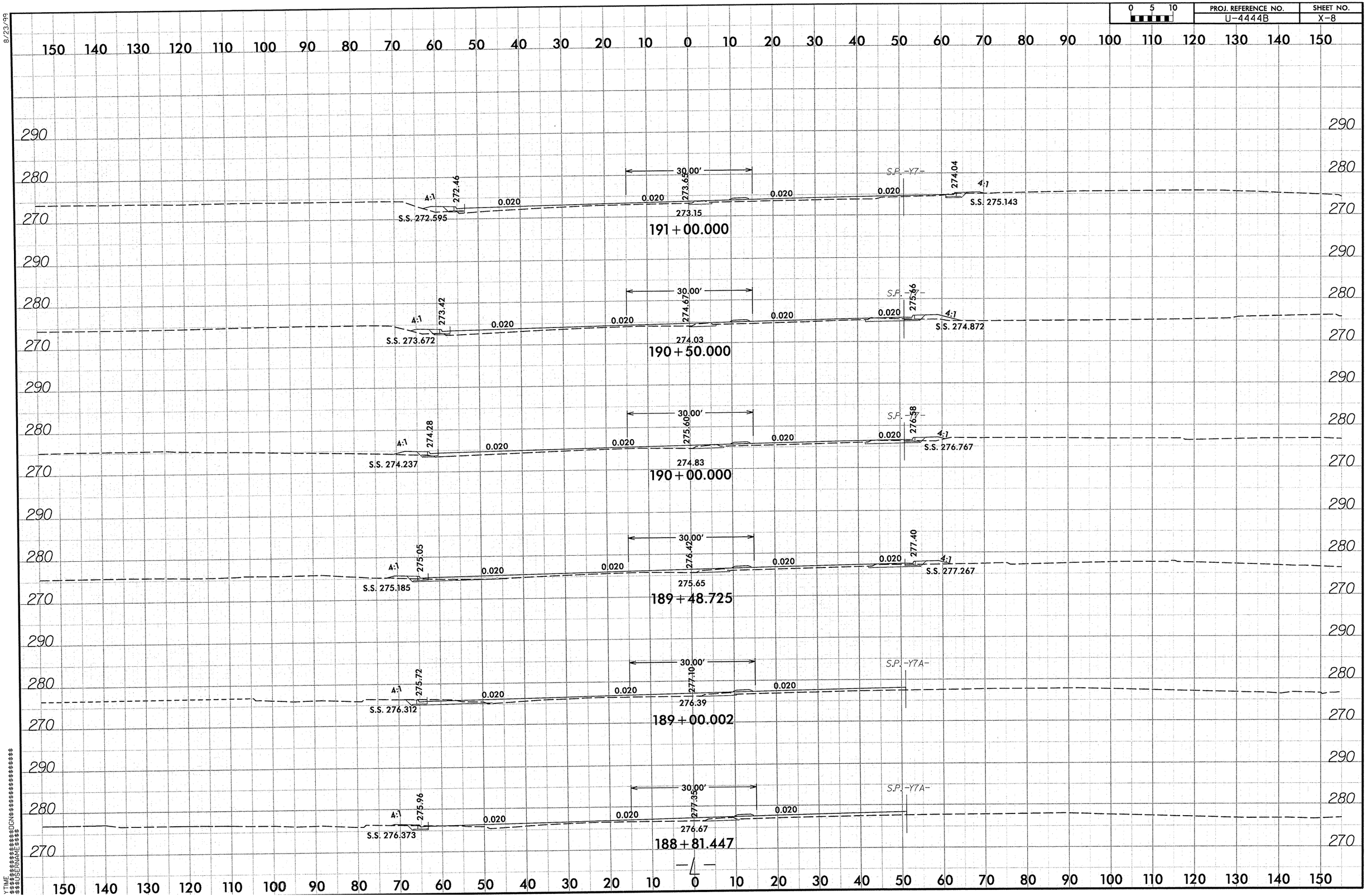
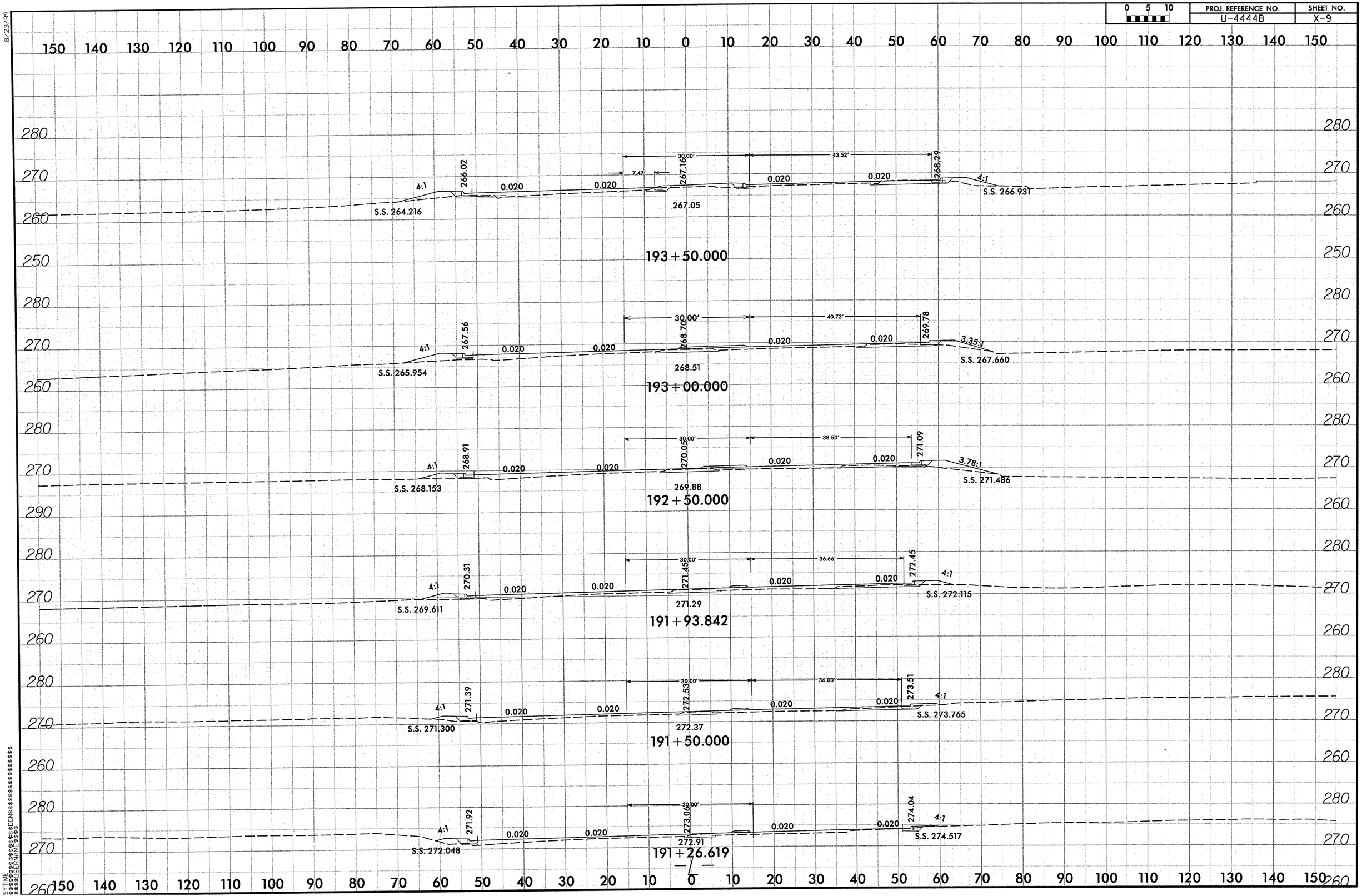


PROJ. REFERENCE NO.
U-4444B
SHEET NO.
X-7
0 5 10
8/23/99
30.00'
S.P. -Y7A-
4:1
276.36
0.020
277.74
277.21
S.S. 276.601
188+50.002
Spring Ave.
278.16
277.64
188+13.820
278.31
277.72
188+00.002
277.45
278.83
278.51
S.S. 277.432
187+50.002
2:1
277.95
279.33
278.84
187+00.002
4.42:1
278.54
279.90
279.57
0.025
280.20
3.13:1
Y7A
10+09.36
186+43.531

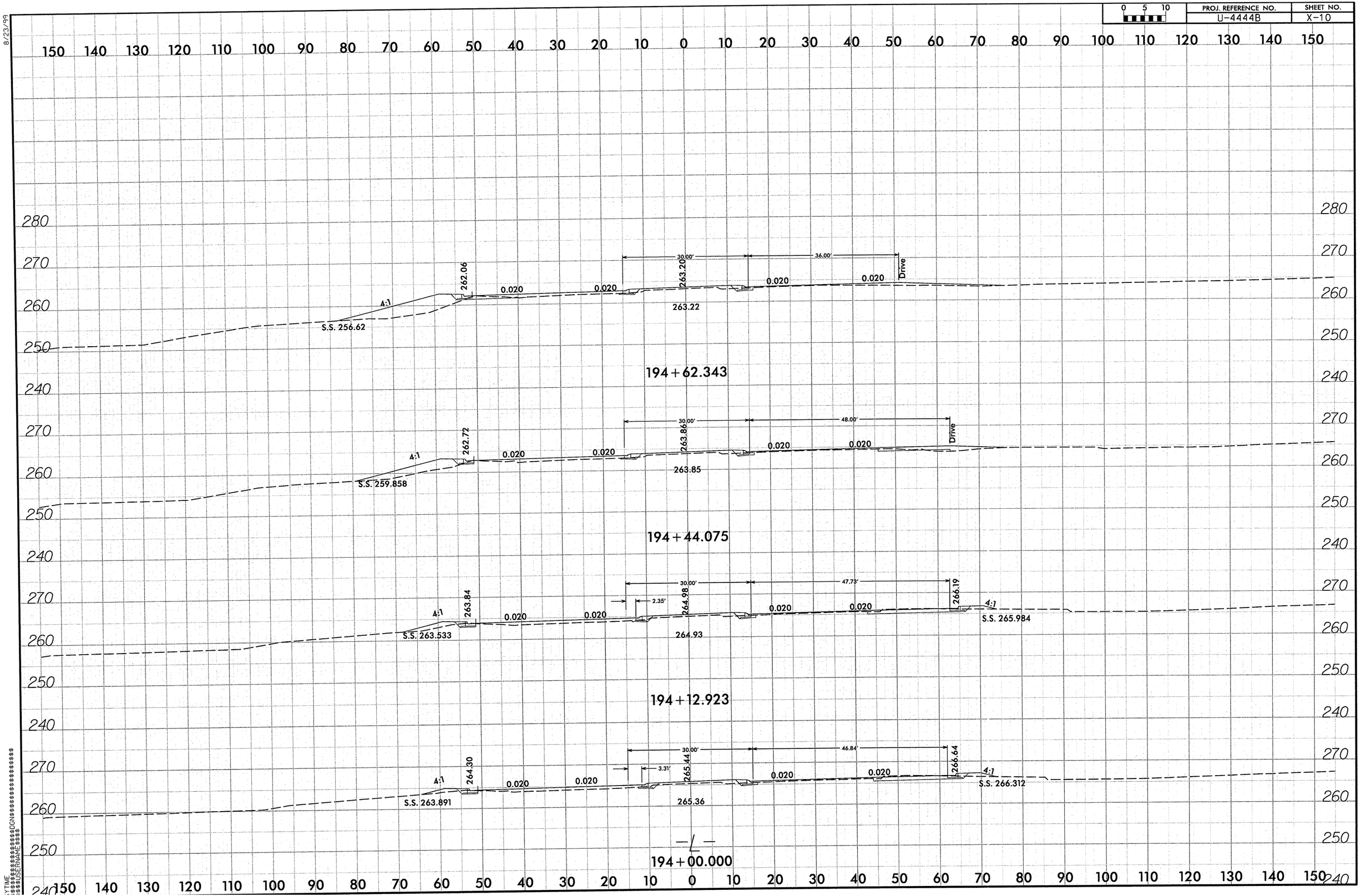


0 5 10
PROJ. REFERENCE NO.
U-4444B
SHEET NO.
X-8
8/23/99
30.00'
S.P. -Y7-
4:1
272.46
273.65
274.04
0.020
S.S. 272.595
273.15
S.S. 275.143
191+00.000
273.42
274.67
275.66
S.S. 273.672
274.03
S.S. 274.872
190+50.000
274.28
275.60
276.58
S.S. 274.237
274.83
S.S. 276.767
190+00.000
275.05
276.42
277.40
S.S. 275.185
275.65
S.S. 277.267
189+48.725
S.P. -Y7A-
275.72
277.10
S.S. 276.312
276.39
189+00.002
275.96
277.35
S.S. 276.373
276.67
188+81.447



0 5 10
PROJ. REFERENCE NO.
U-4444B
SHEET NO.
X-9
8/23/99
193+50.000
S.S. 264.216
266.02
267.05
267.16
268.29
S.S. 266.931
30.00'
7.47'
43.52'
193+00.000
S.S. 265.954
267.56
268.51
268.70
269.78
S.S. 267.660
40.73'
192+50.000
S.S. 268.153
268.91
269.88
270.05
271.09
S.S. 271.486
38.50'
191+93.842
S.S. 269.611
270.31
271.29
271.45
272.45
S.S. 272.115
36.66'
191+50.000
S.S. 271.300
271.39
272.37
272.53
273.51
S.S. 273.765
36.00'
191+26.619
S.S. 272.048
271.92
272.91
273.06
274.04
S.S. 274.517
4:1
0.020

PROJ. REFERENCE NO.	SHEET NO.
U-4444B	X-10



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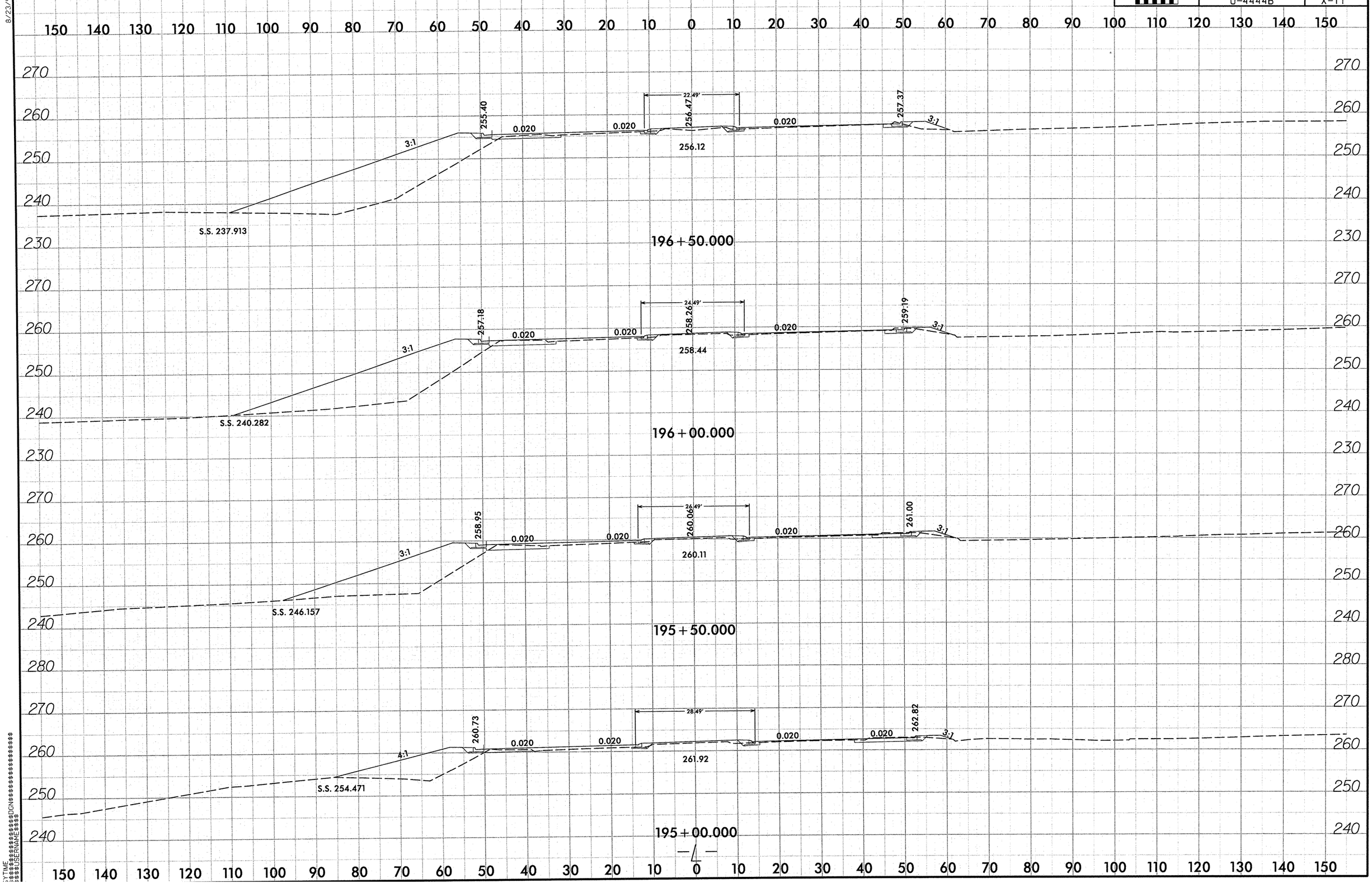
	U-4444B	X-11



8/23/99

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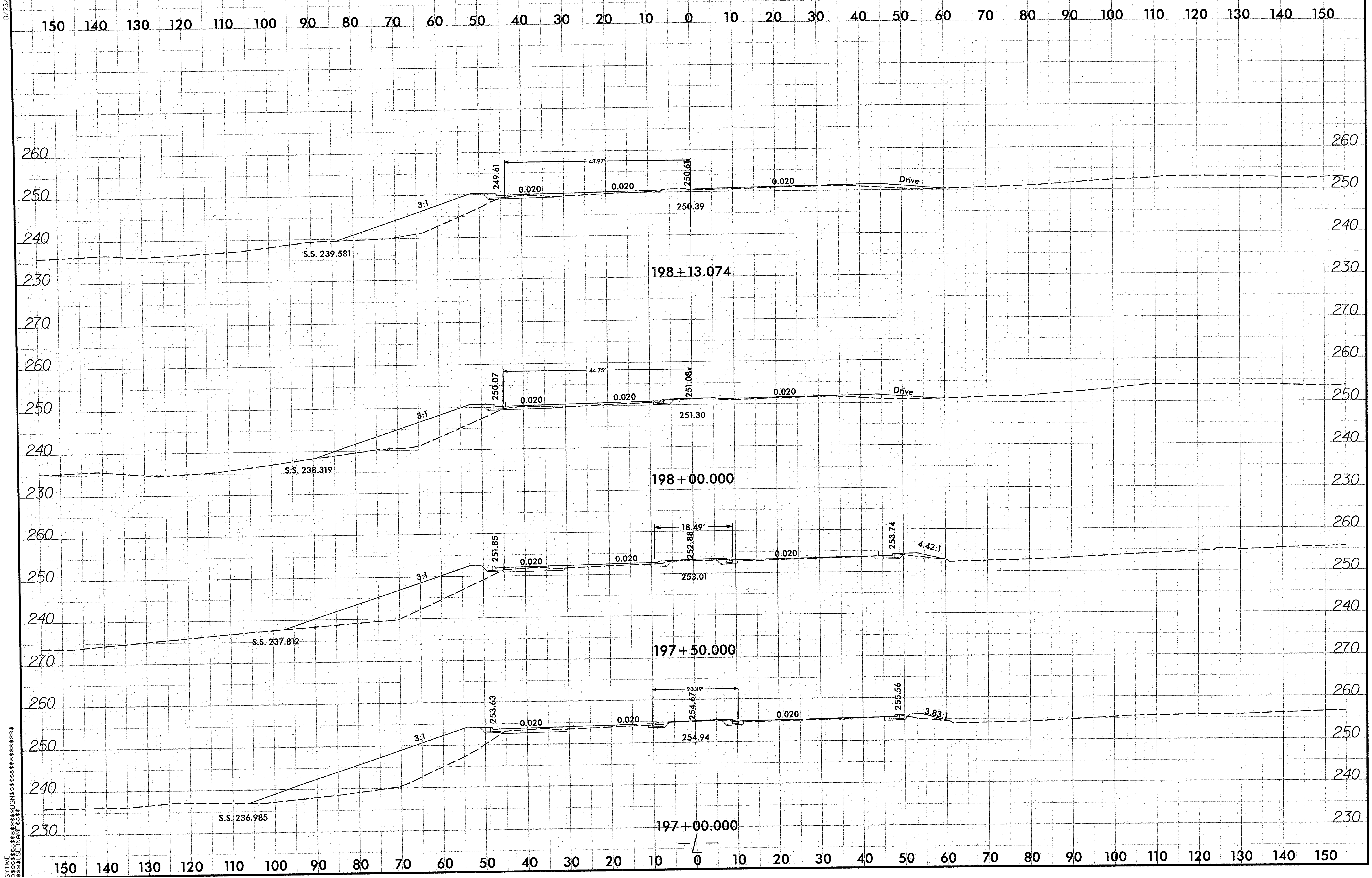
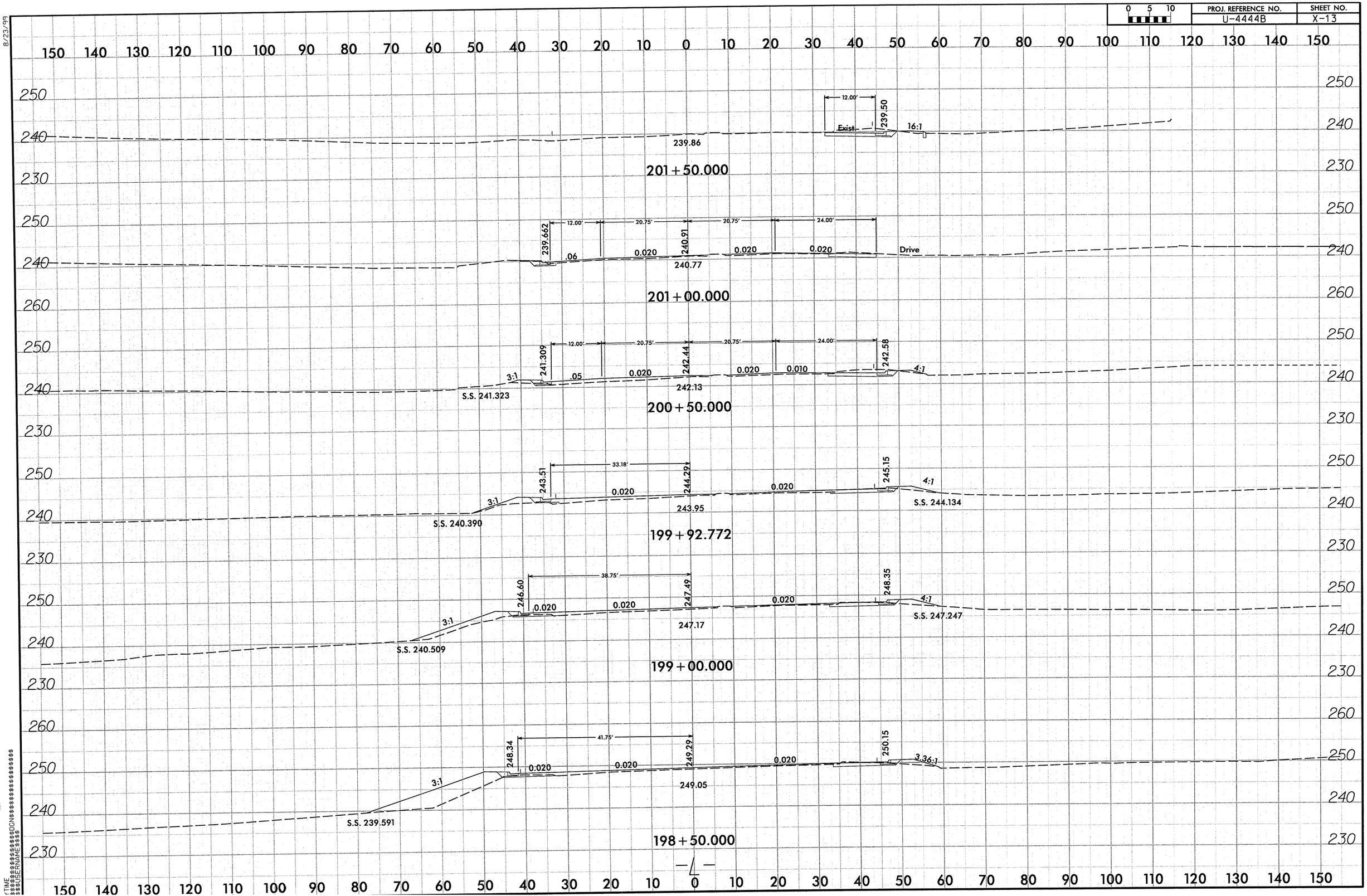
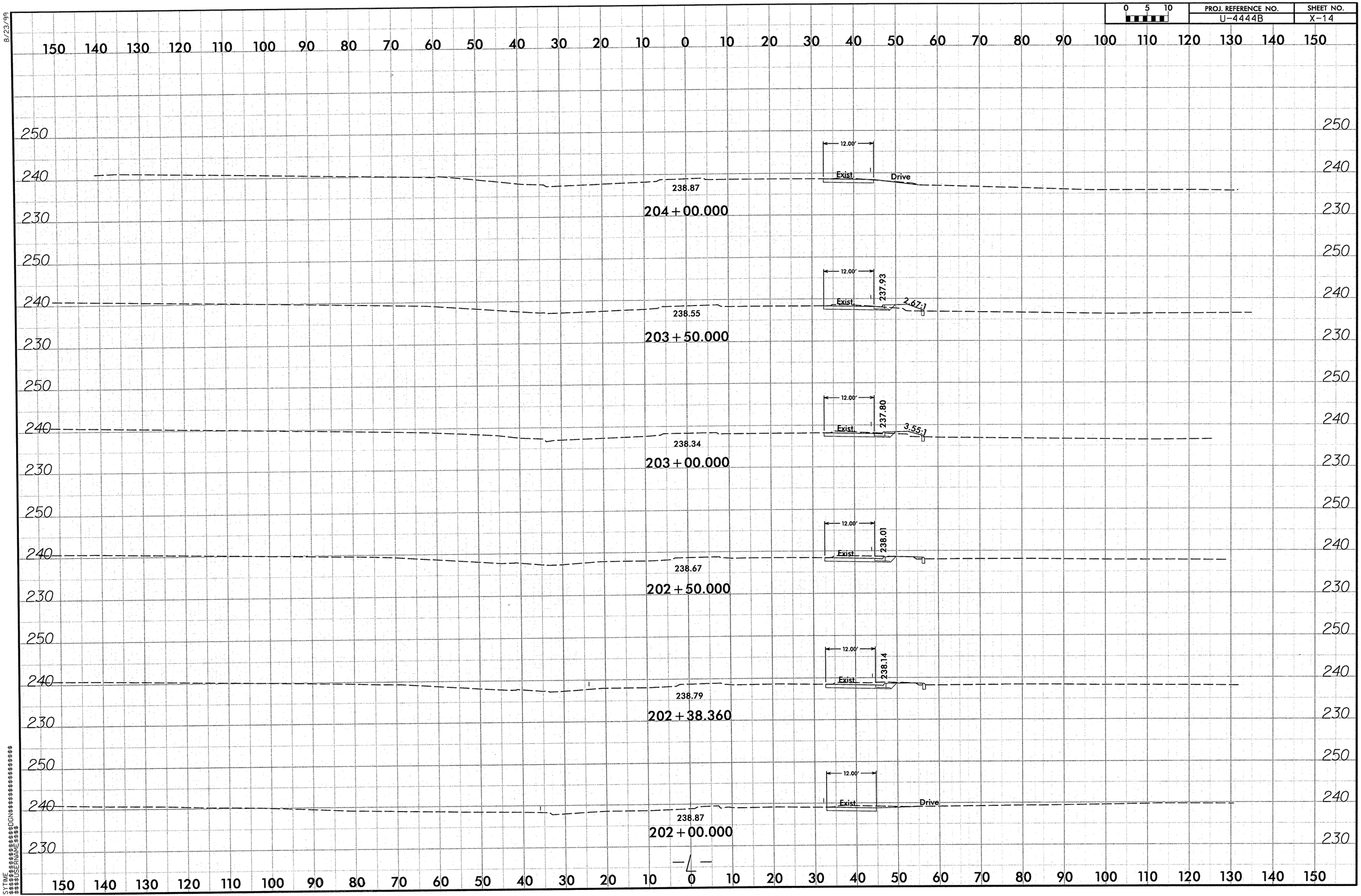
U-4444B	X-12





0 5 10
PROJ. REFERENCE NO.
U-4444B
SHEET NO.
X-13
8/23/99
201+50.000
12.00'
239.50
Exist.
16:1
239.86
201+00.000
12.00'
20.75'
20.75'
24.00'
239.662
240.91
.06
0.020
0.020
0.020
Drive
240.77
200+50.000
12.00'
20.75'
20.75'
24.00'
241.309
242.44
242.58
3:1
.05
0.020
0.020
0.010
4:1
S.S. 241.323
242.13
199+92.772
33.18'
243.51
244.29
245.15
3:1
0.020
0.020
4:1
S.S. 240.390
243.95
S.S. 244.134
199+00.000
38.75'
246.60
247.49
248.35
3:1
0.020
0.020
0.020
4:1
S.S. 240.509
247.17
S.S. 247.247
198+50.000
41.75'
248.34
249.29
250.15
3:1
0.020
0.020
0.020
3.36:1
S.S. 239.591
249.05

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-14

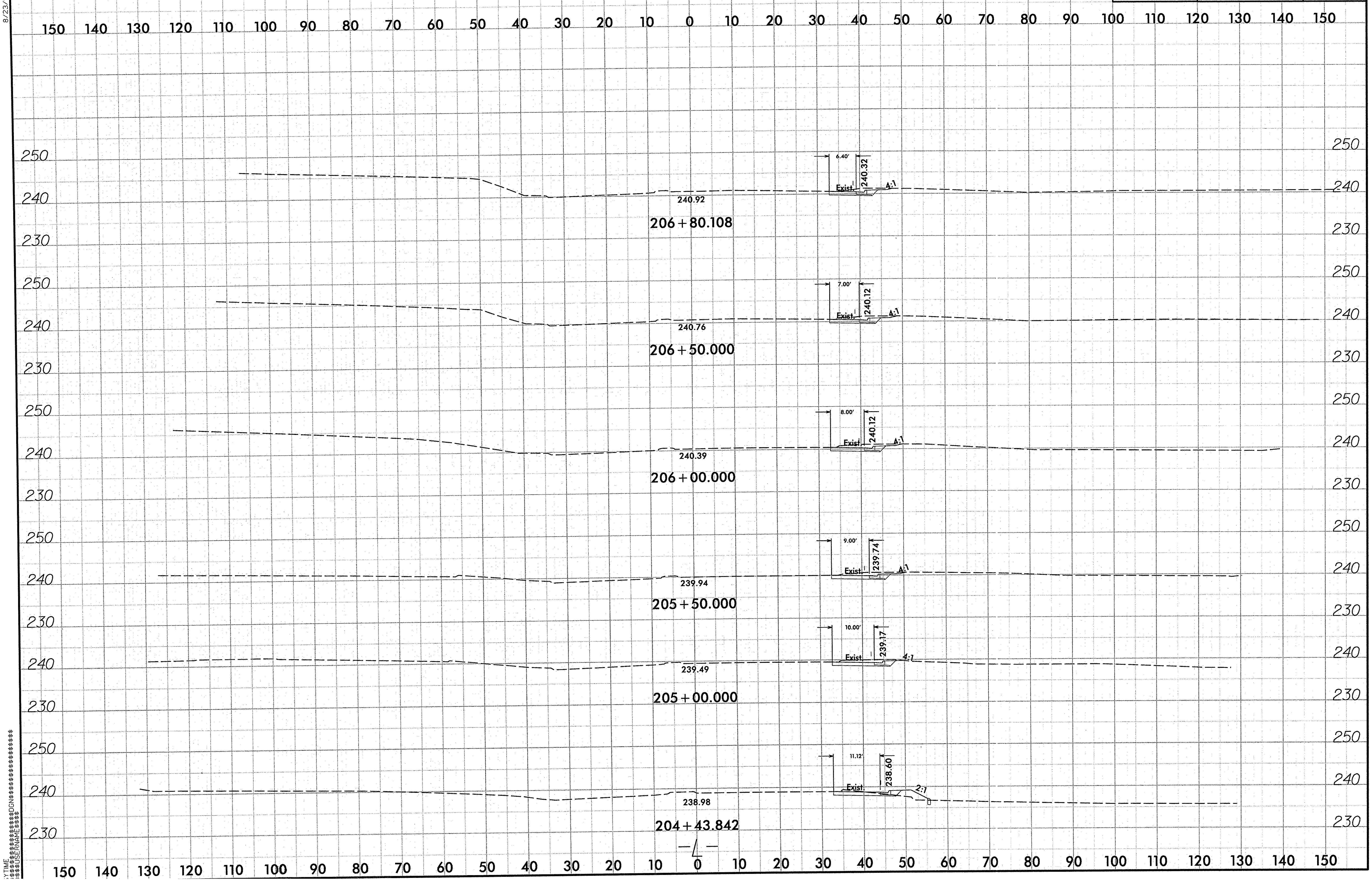


8/23/99

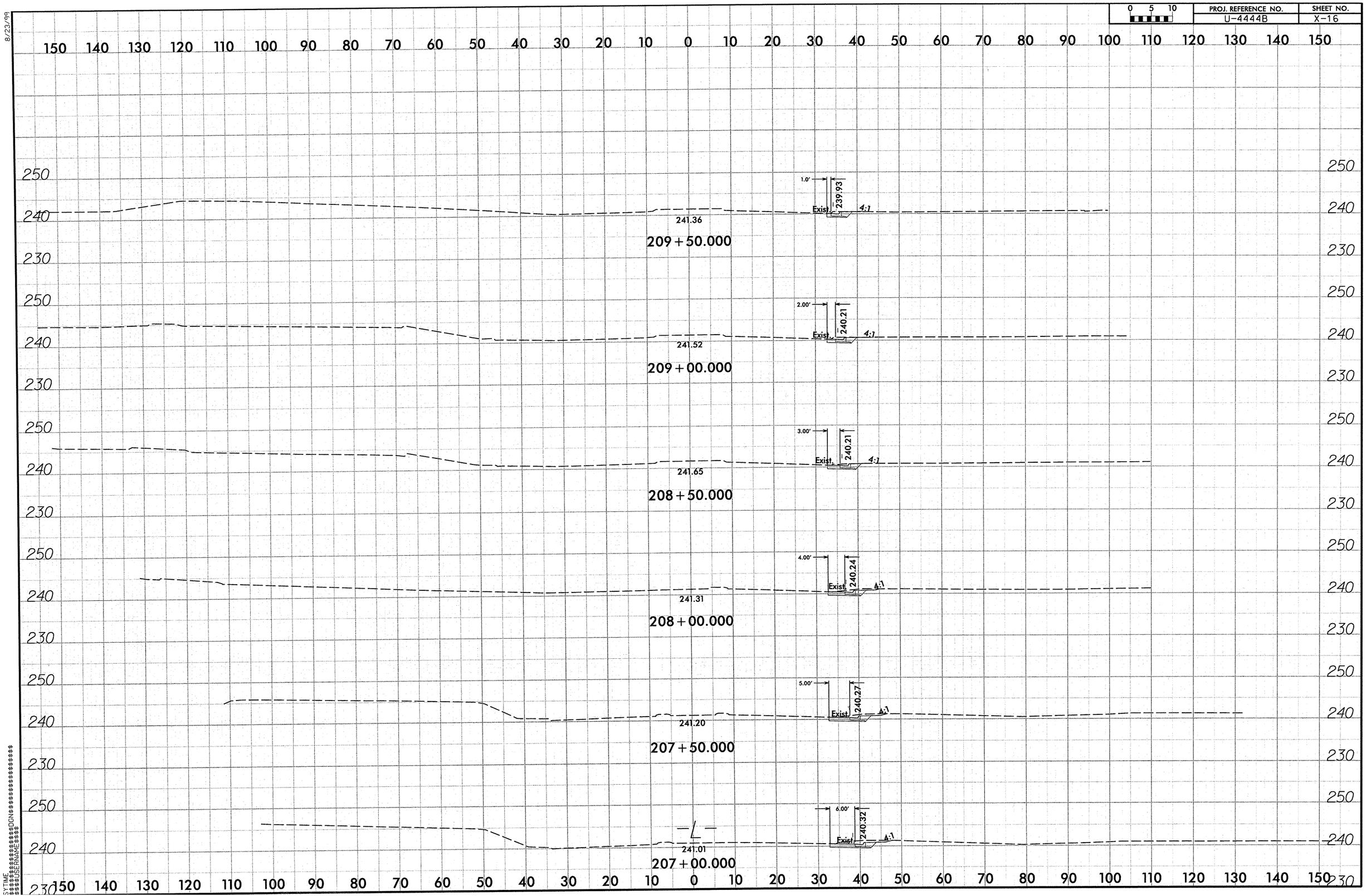
SYTIME
$$$$USERNAME$$$$
$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-15

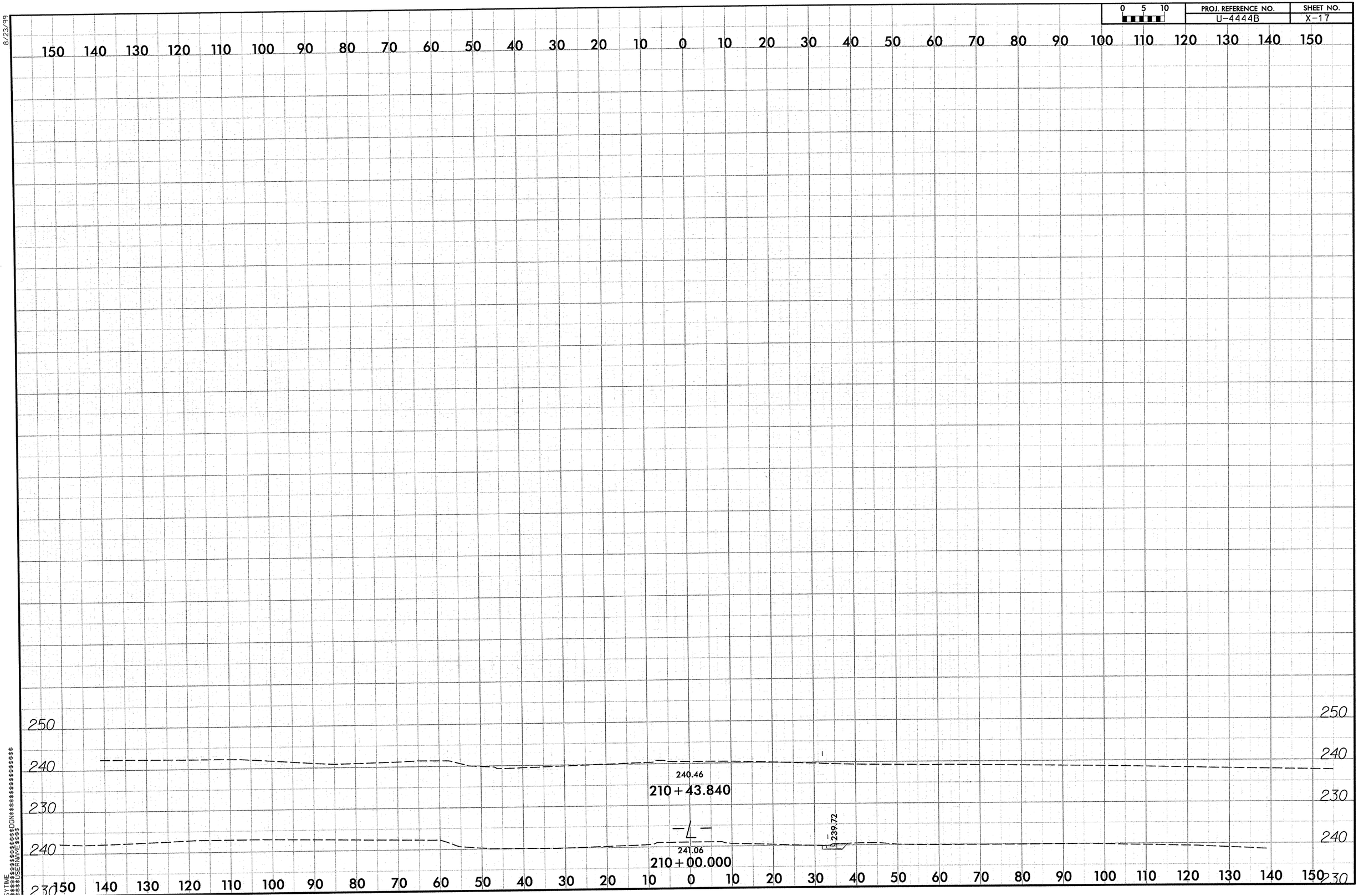


$$$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$$ $$$$USERNAME$$$$ $$$$$$$$SYTIME



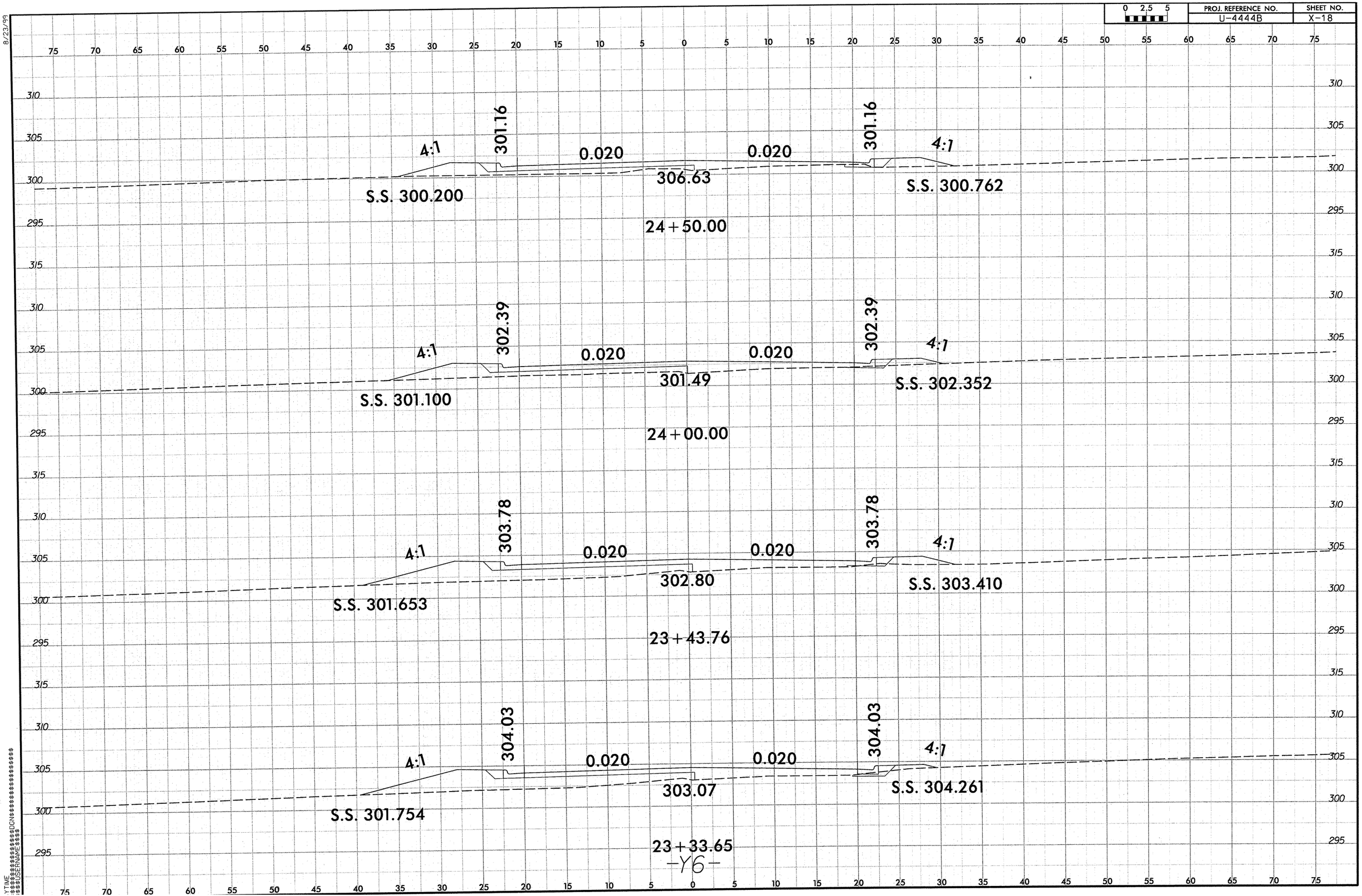
0 5 10
PROJ. REFERENCE NO.
U-4444B
SHEET NO.
X-16
8/23/99
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
250
240
230
1.0'
239.93
Exist.
4:1
241.36
209+50.000
2.00'
240.21
241.52
209+00.000
3.00'
240.21
241.65
208+50.000
4.00'
240.24
241.31
208+00.000
5.00'
240.27
241.20
207+50.000
6.00'
240.32
241.01
207+00.000

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-17



8/23/99

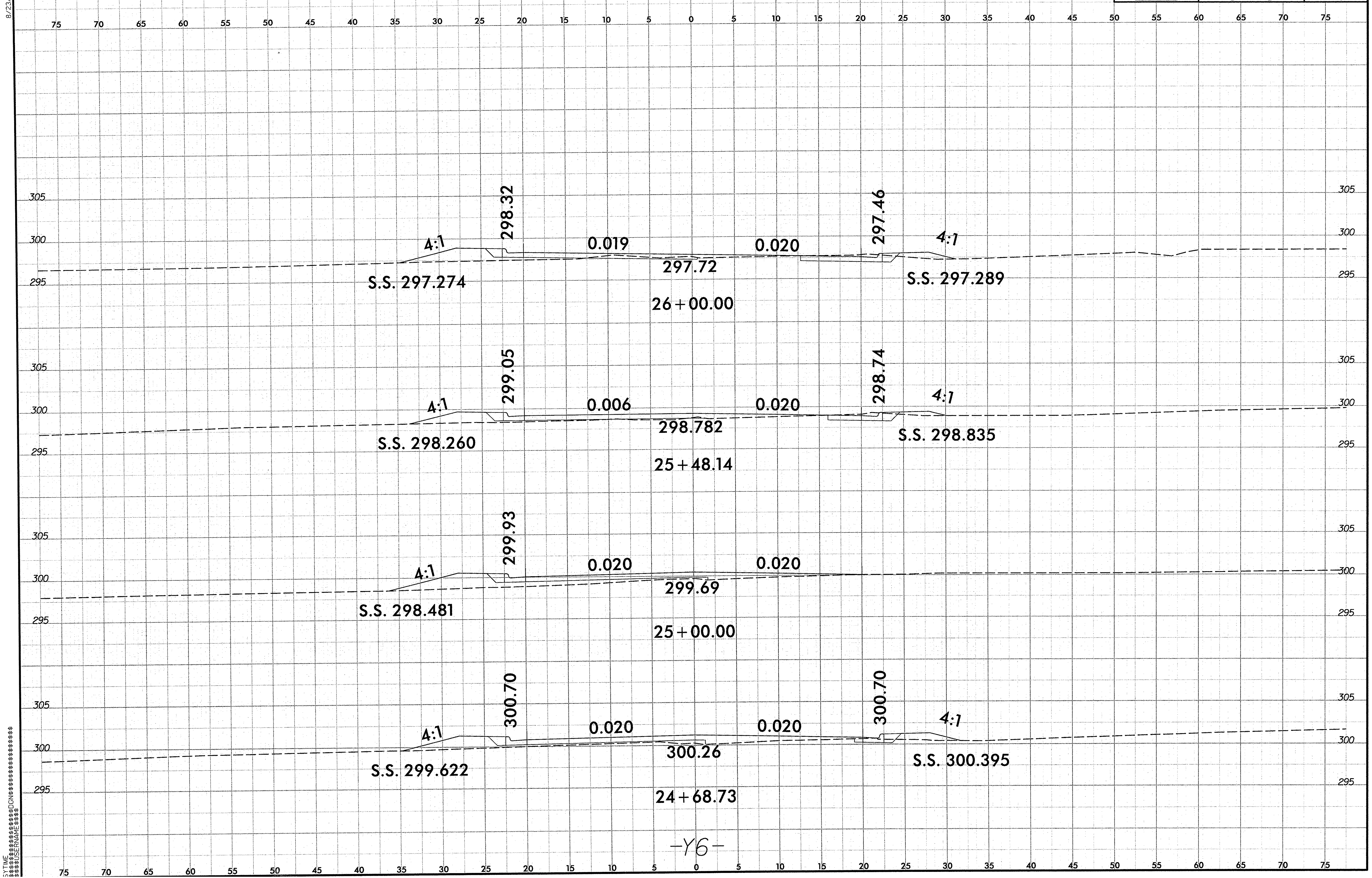
0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-18



8/23/99

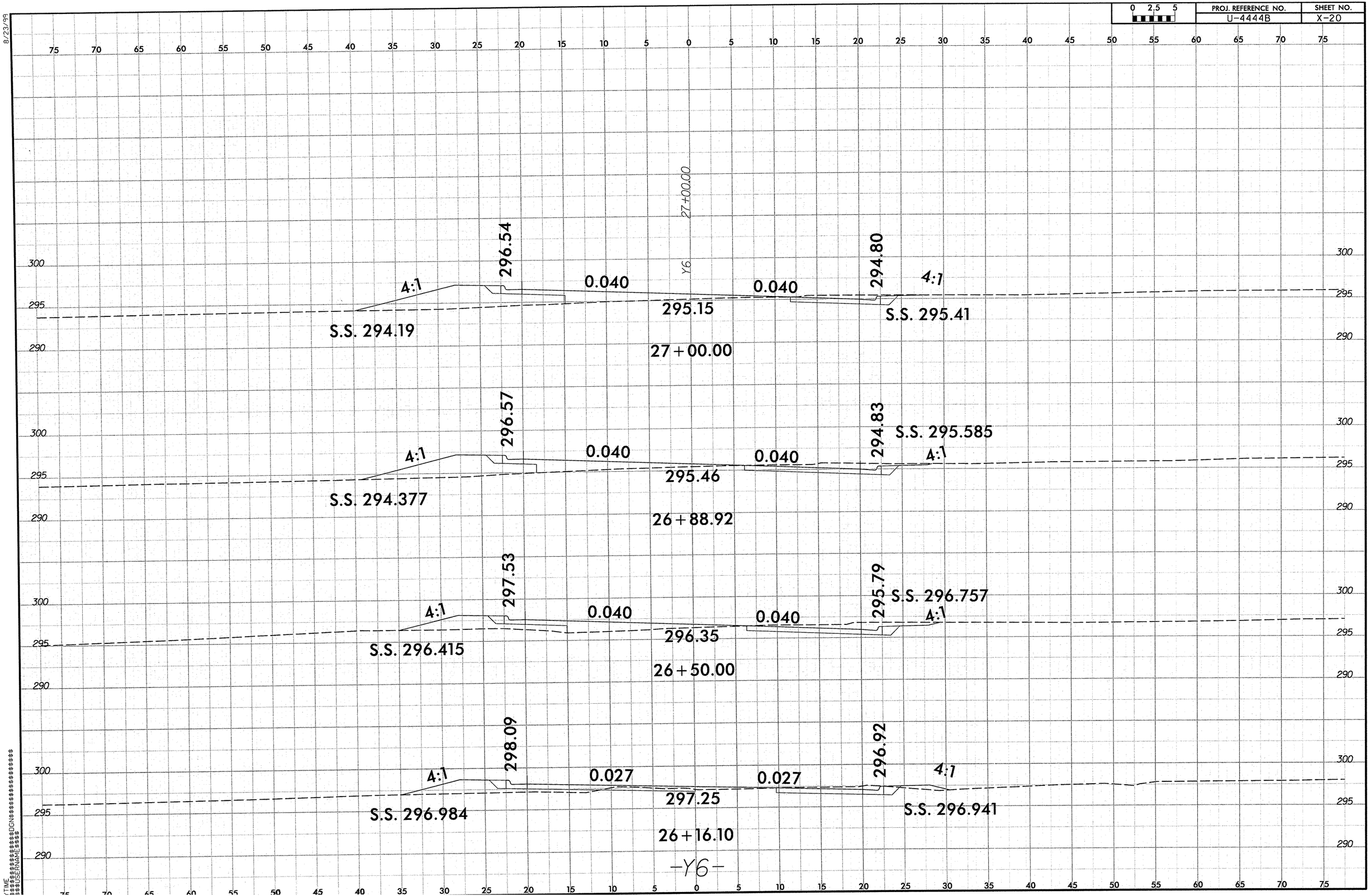
8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-19

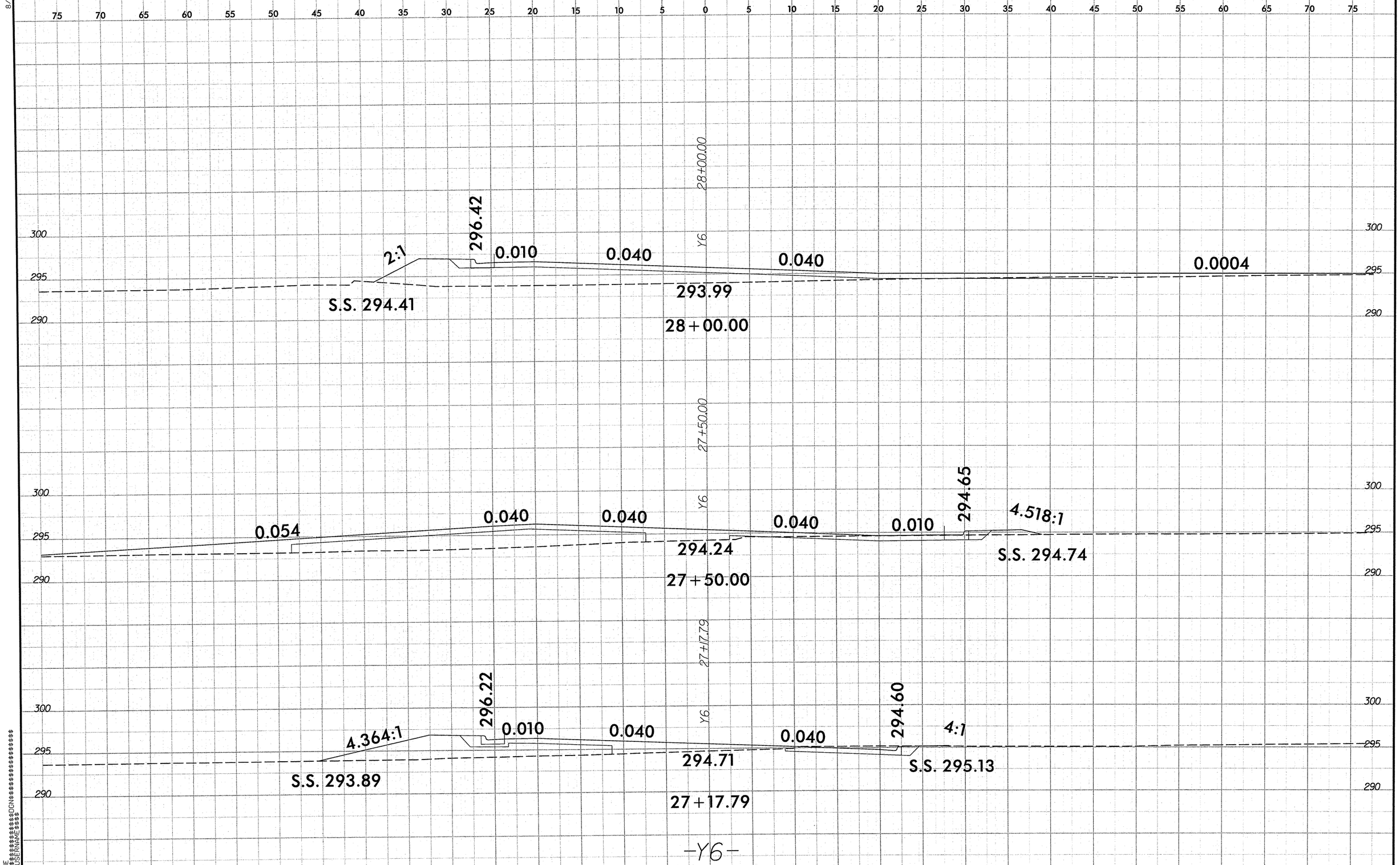


$$$$$$$$SYTIME$$$$$$$$$$$$$$$$$$$$$$$$USERNAME$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$

0 2,5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-20



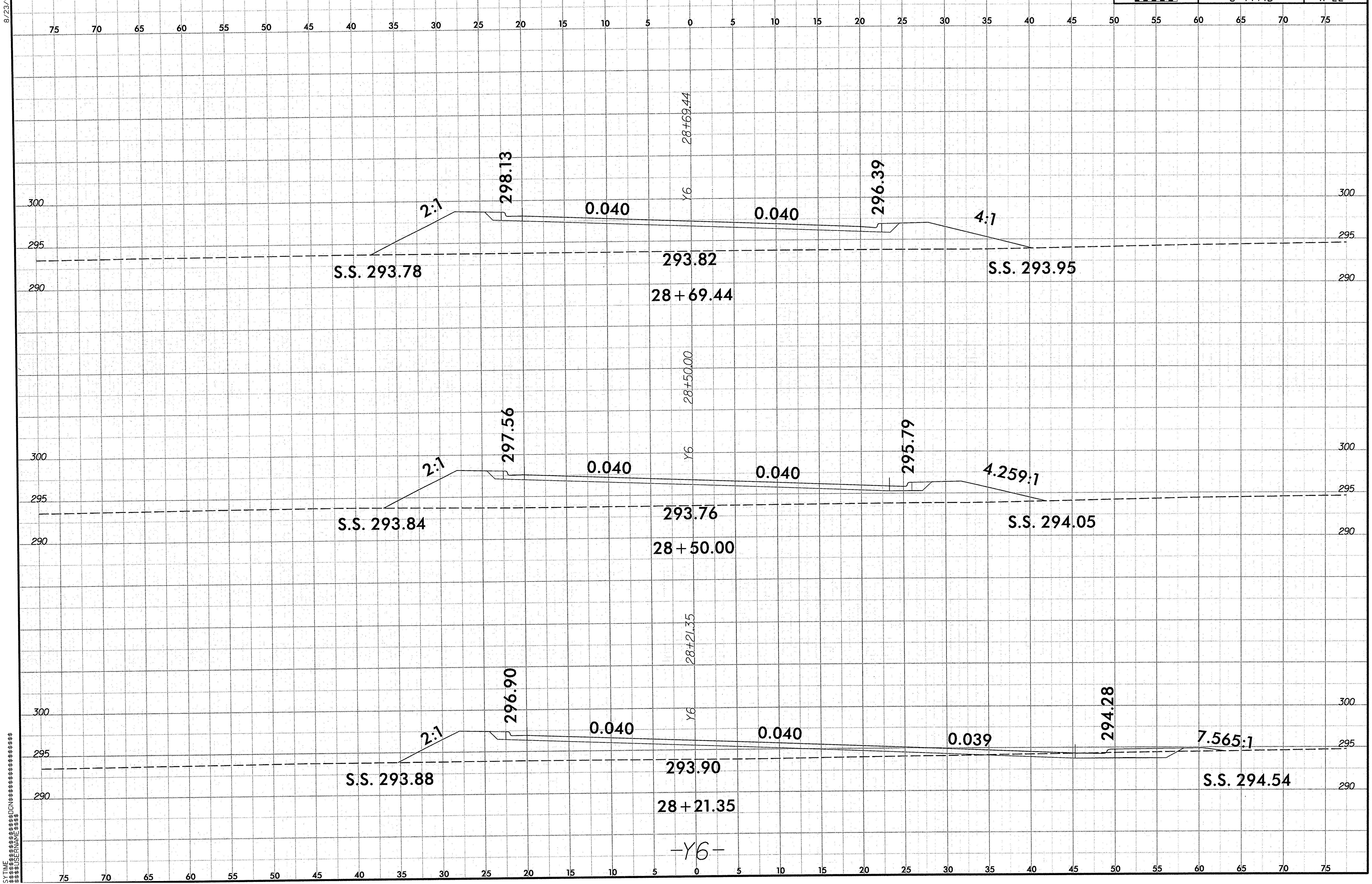
8/23/99



0 2.5 5
PROJ. REFERENCE NO.
U-4444B
SHEET NO.
X-21
8/23/99
28+00.00
Y6
296.42
2:1
0.010
0.040
0.040
0.0004
S.S. 294.41
293.99
28+00.00
27+50.00
Y6
0.054
0.040
0.040
0.040
0.010
294.65
4.518:1
294.24
S.S. 294.74
27+50.00
27+17.79
Y6
296.22
4.364:1
0.010
0.040
0.040
294.60
4:1
294.71
S.S. 293.89
S.S. 295.13
27+17.79
-Y6-

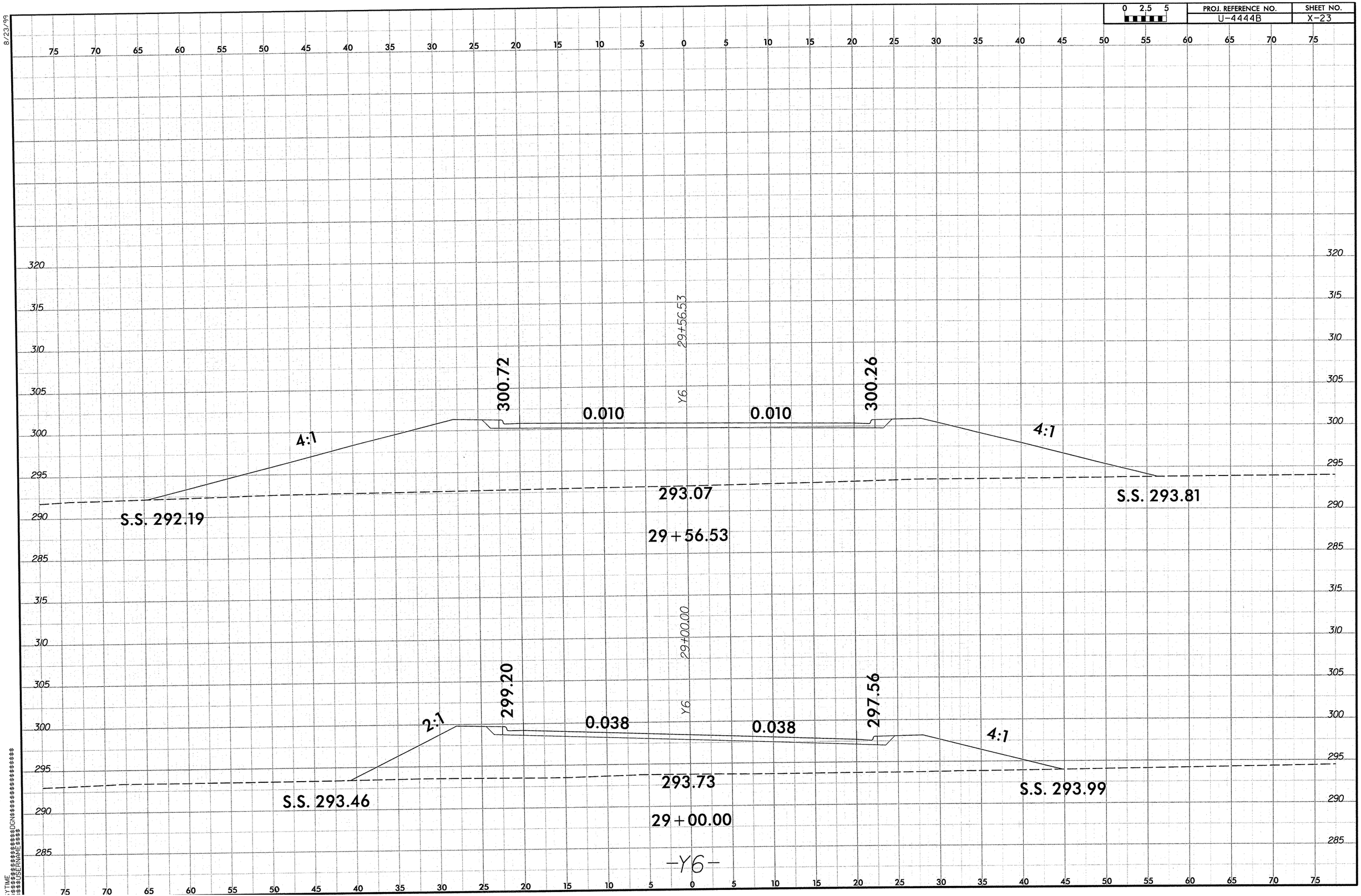
8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-22



$$$$$$SYTIME$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$$USERNAME$$$$

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-23



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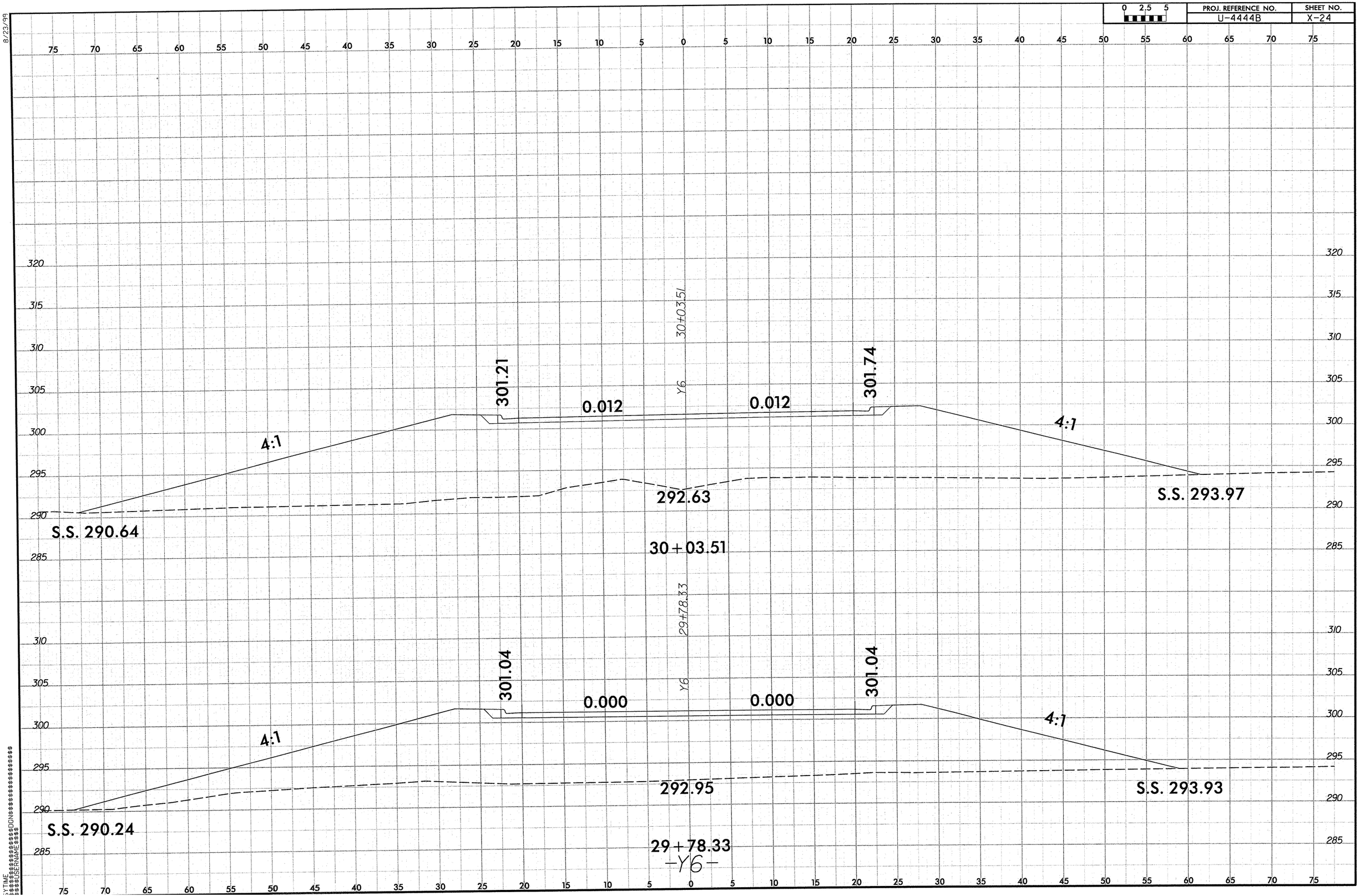
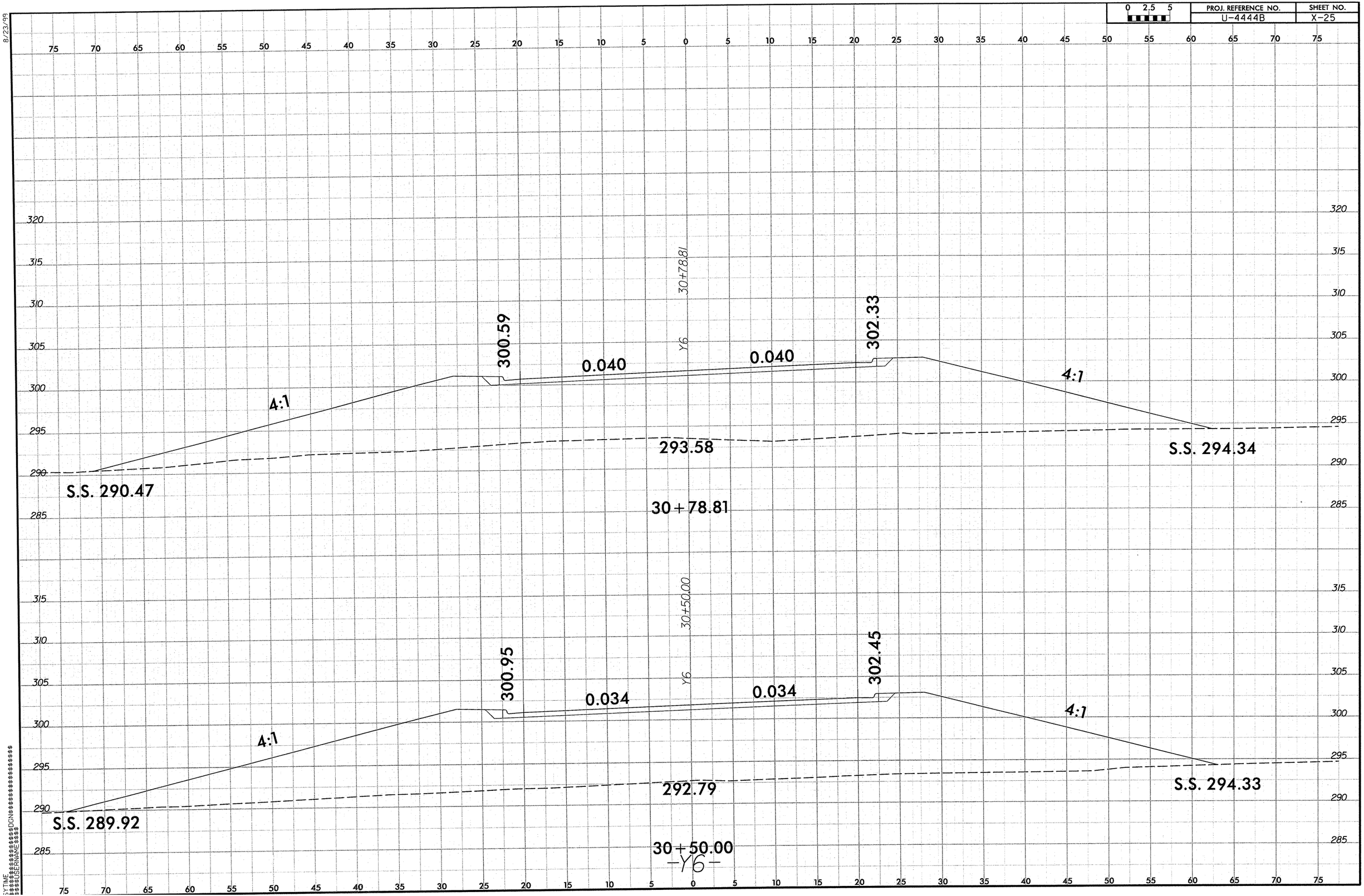
0 2,5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-24

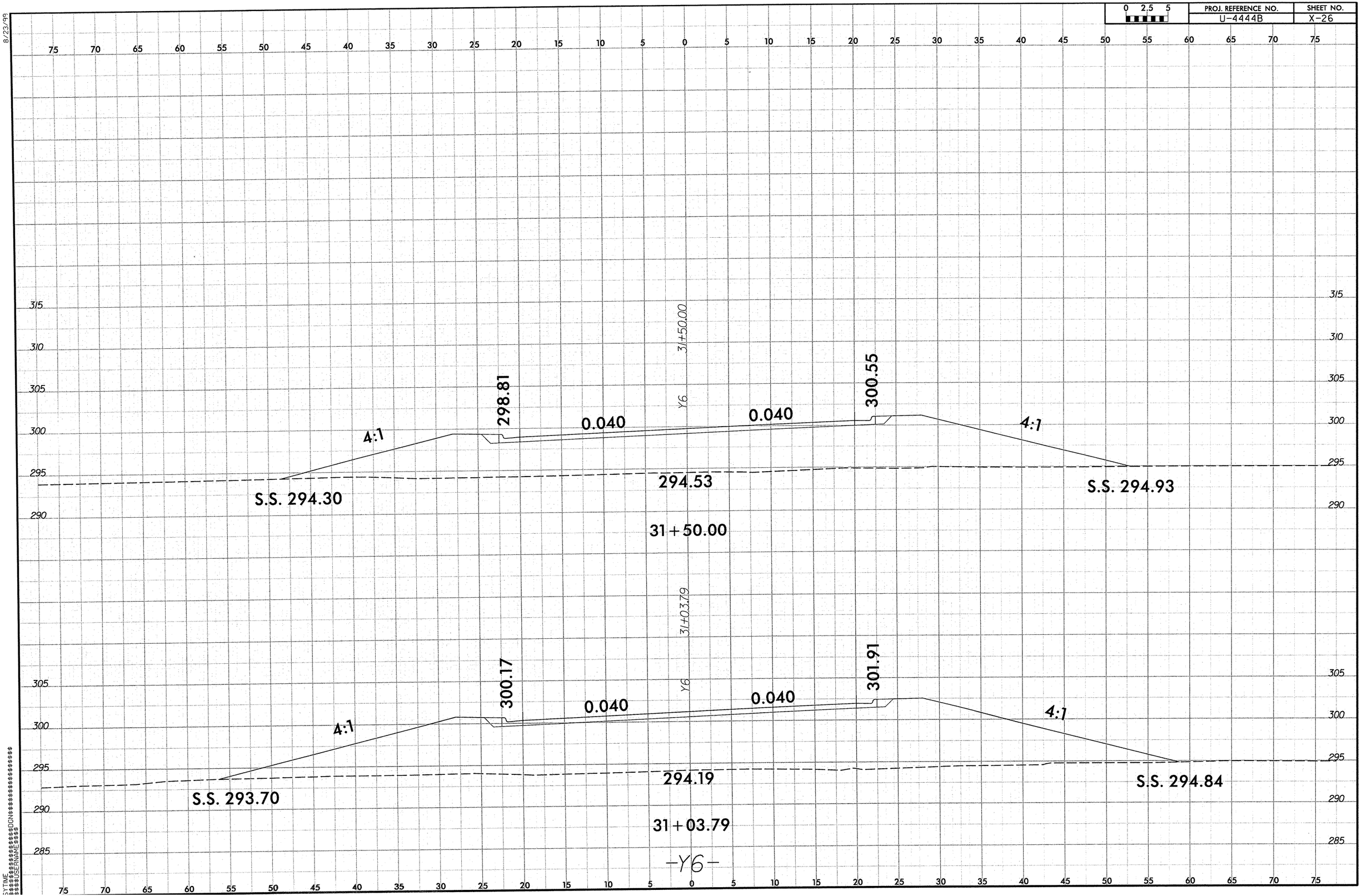


8/23/99



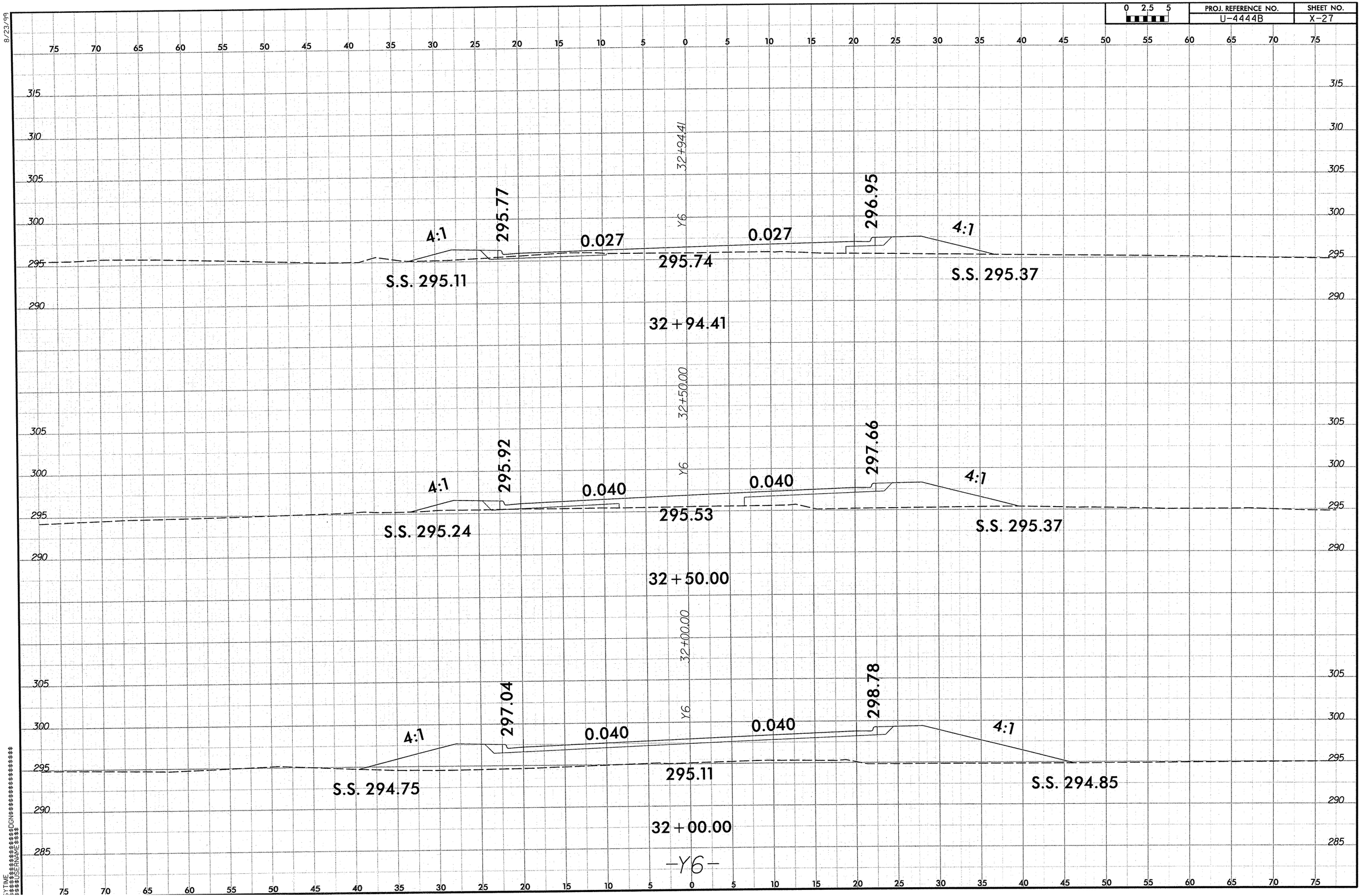
0 2.5 5
PROJ. REFERENCE NO.
U-4444B
SHEET NO.
X-25
8/23/99
30+78.81
Y6
300.59
0.040
0.040
302.33
4:1
4:1
293.58
S.S. 290.47
S.S. 294.34
30+78.81
30+50.00
Y6
300.95
0.034
0.034
302.45
4:1
4:1
292.79
S.S. 289.92
S.S. 294.33
30+50.00
-Y6-

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-26



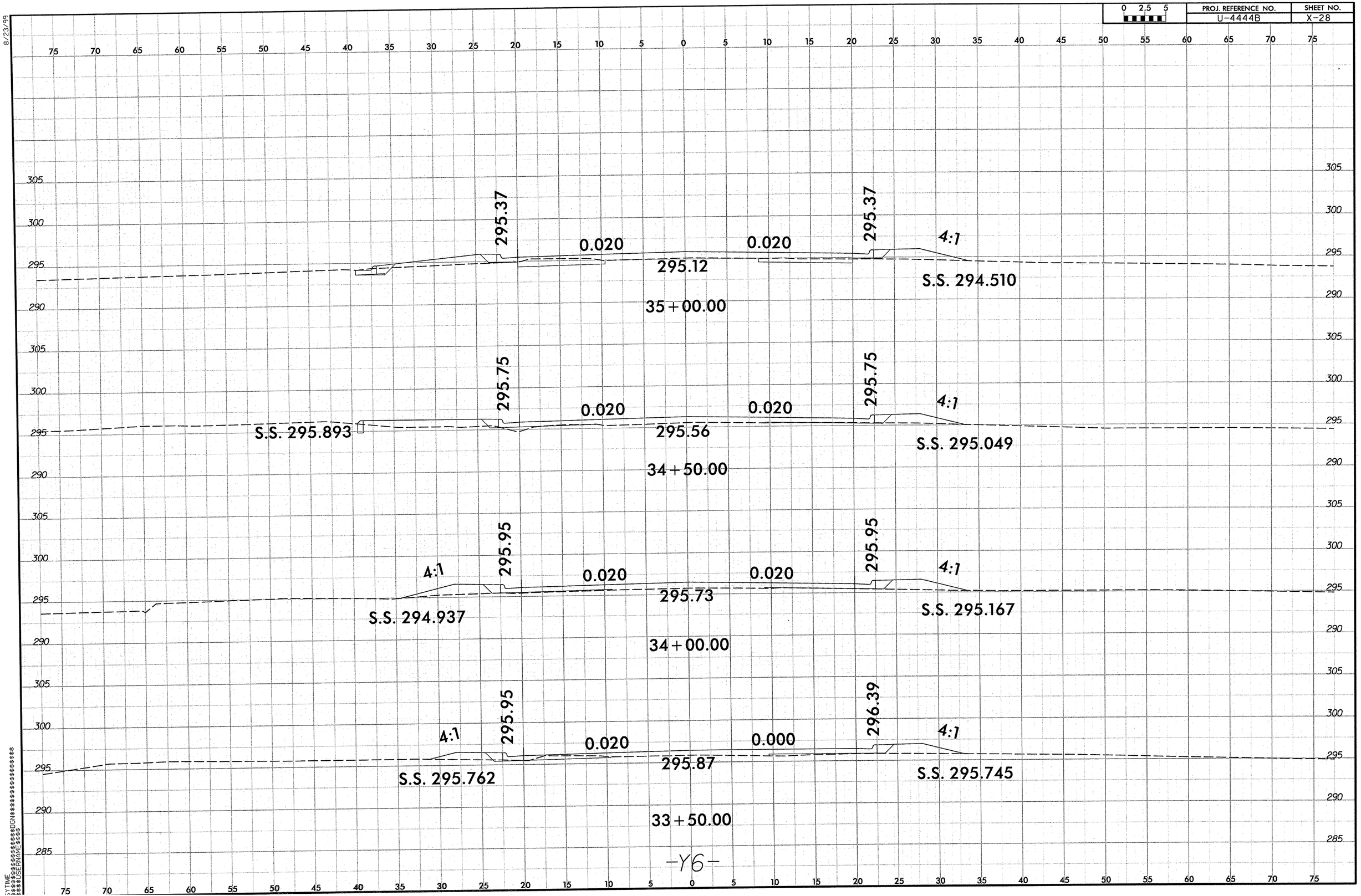
8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-27



8/23/99

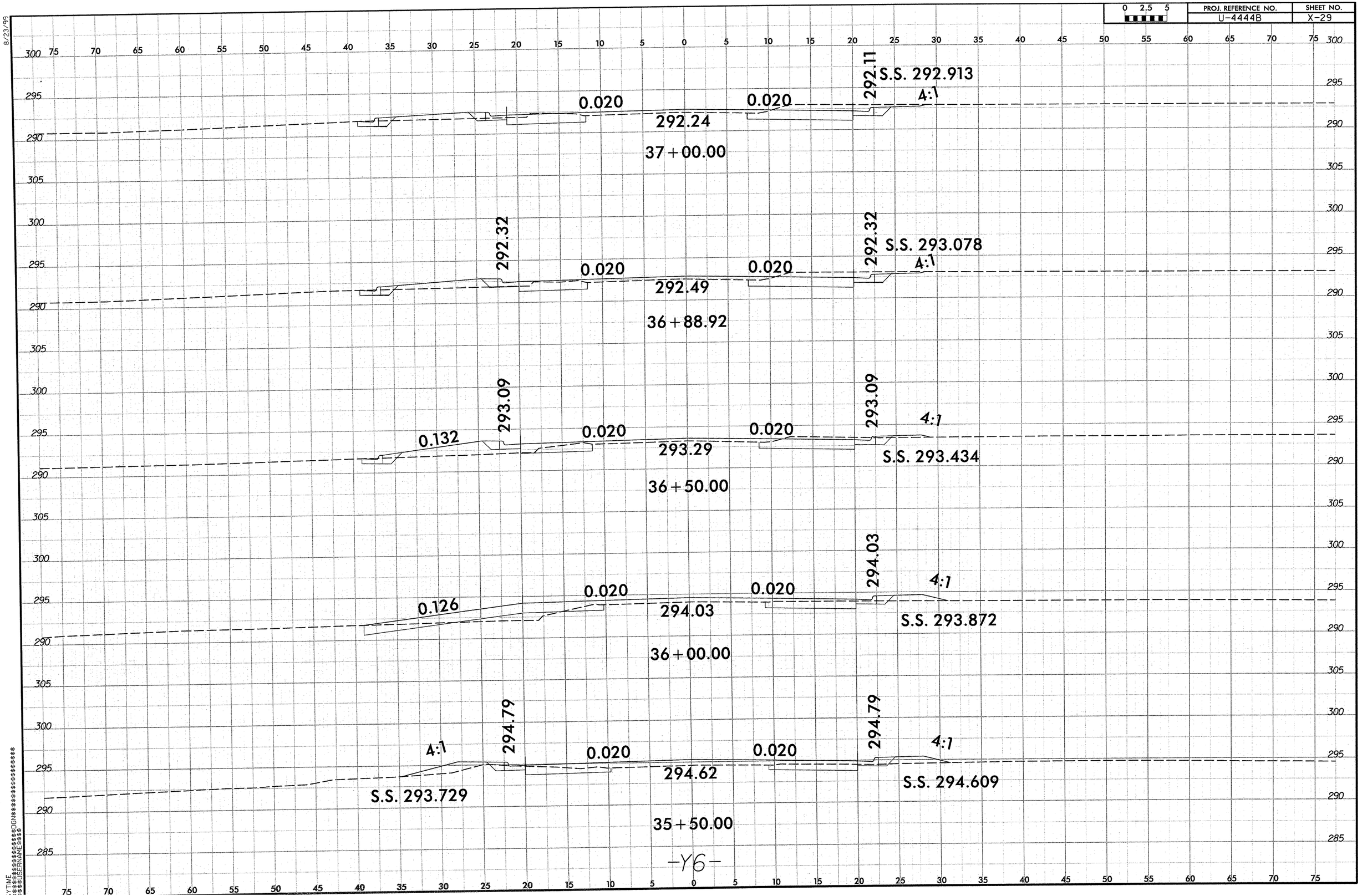
0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-28



-Y6-

8/23/99

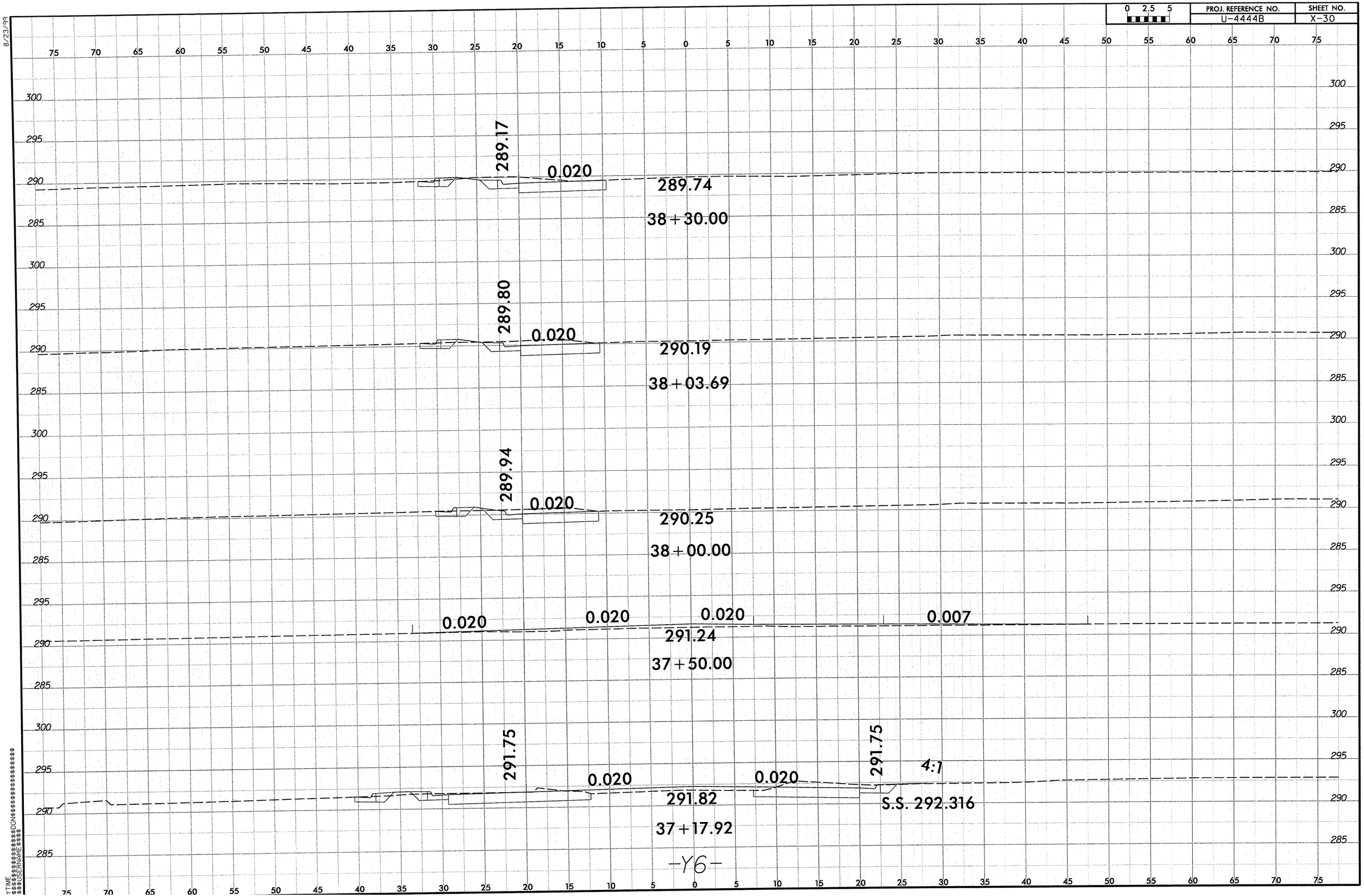
0 2,5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-29



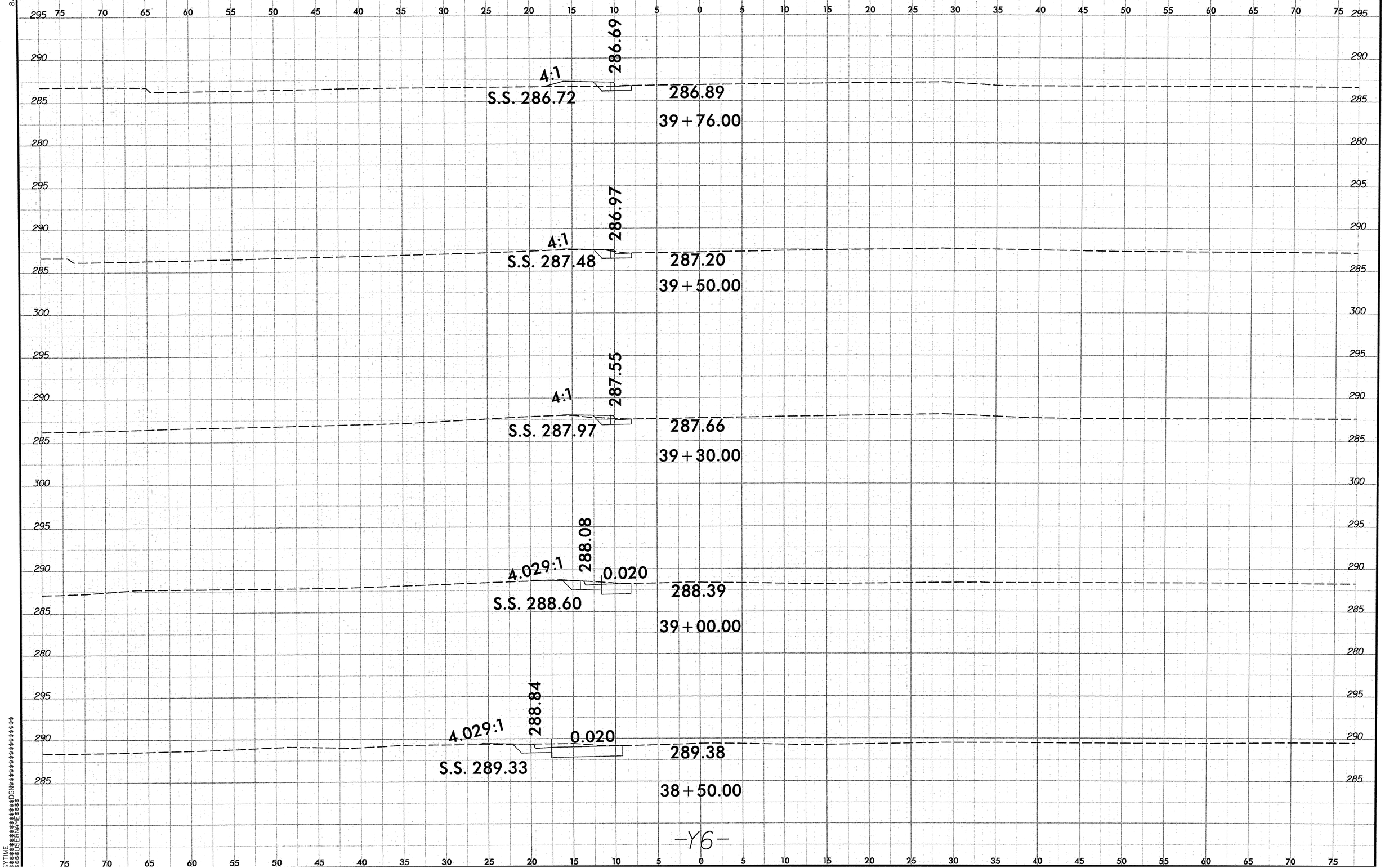
-Y6-

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-30



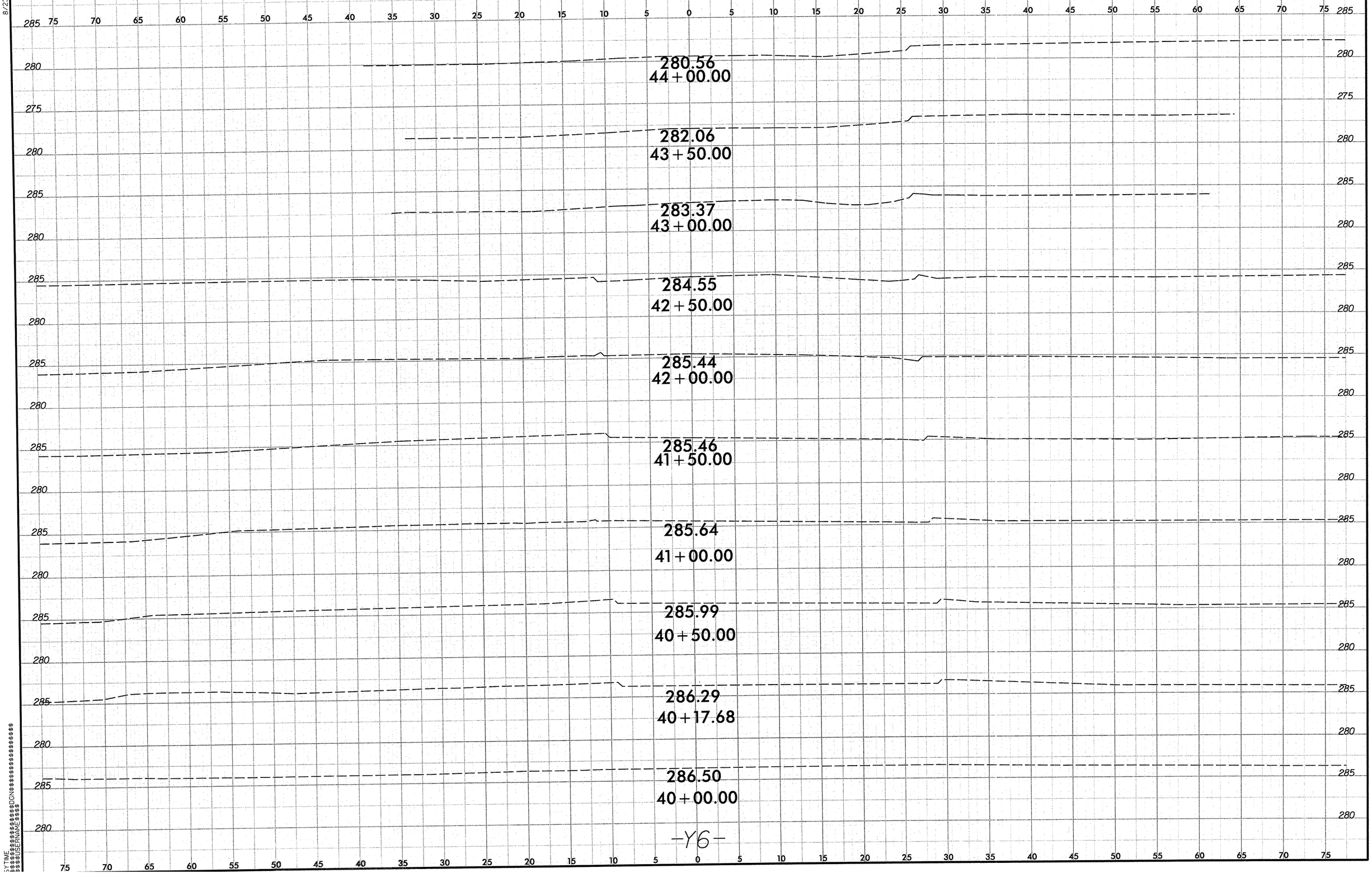
8/23/99


286.69
4:1
S.S. 286.72
286.89
39+76.00
286.97
4:1
S.S. 287.48
287.20
39+50.00
287.55
4:1
S.S. 287.97
287.66
39+30.00
288.08
4.029:1
0.020
S.S. 288.60
288.39
39+00.00
288.84
4.029:1
0.020
S.S. 289.33
289.38
38+50.00

-Y6-

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-32

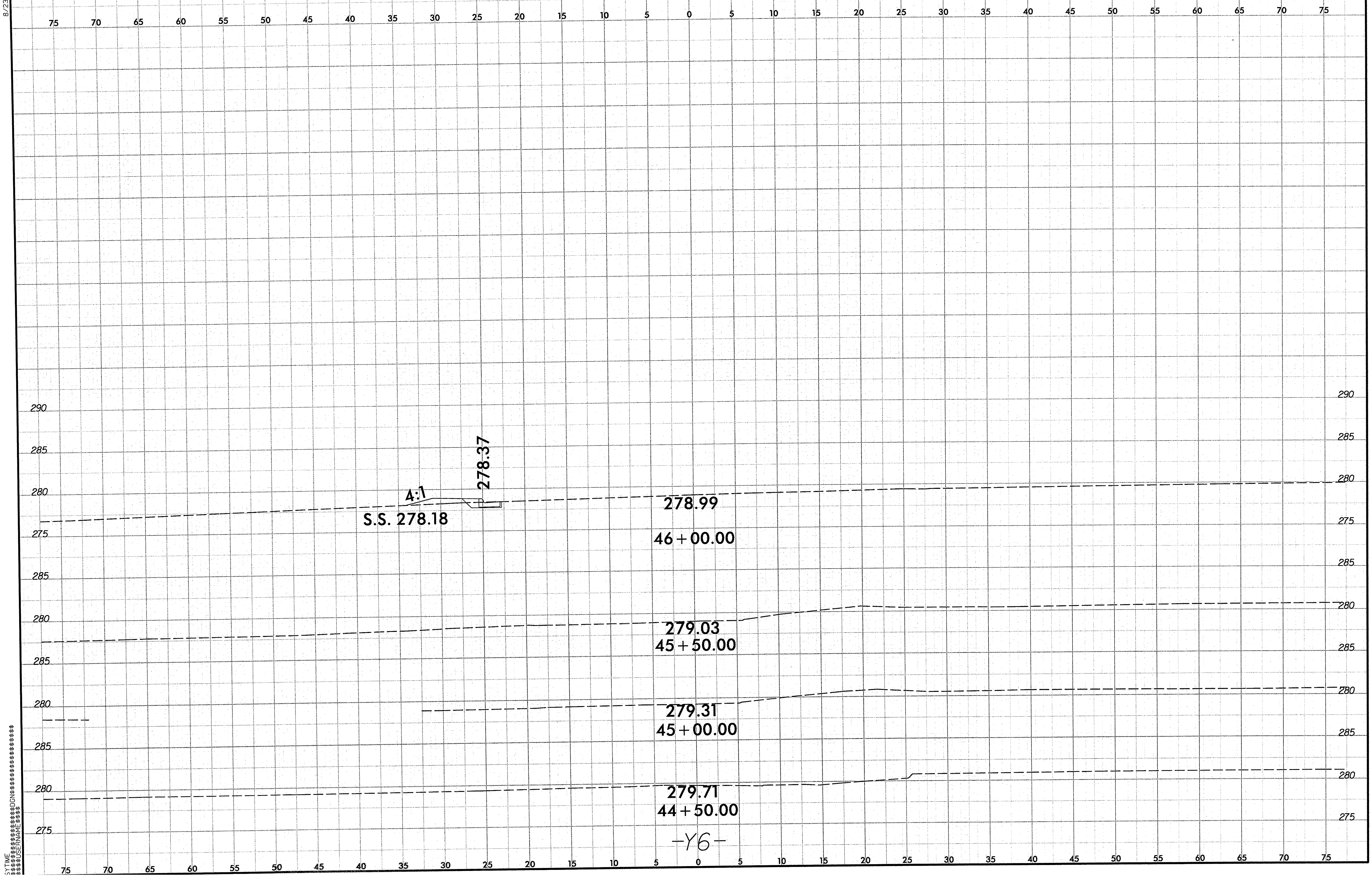


-Y6-

8/23/99

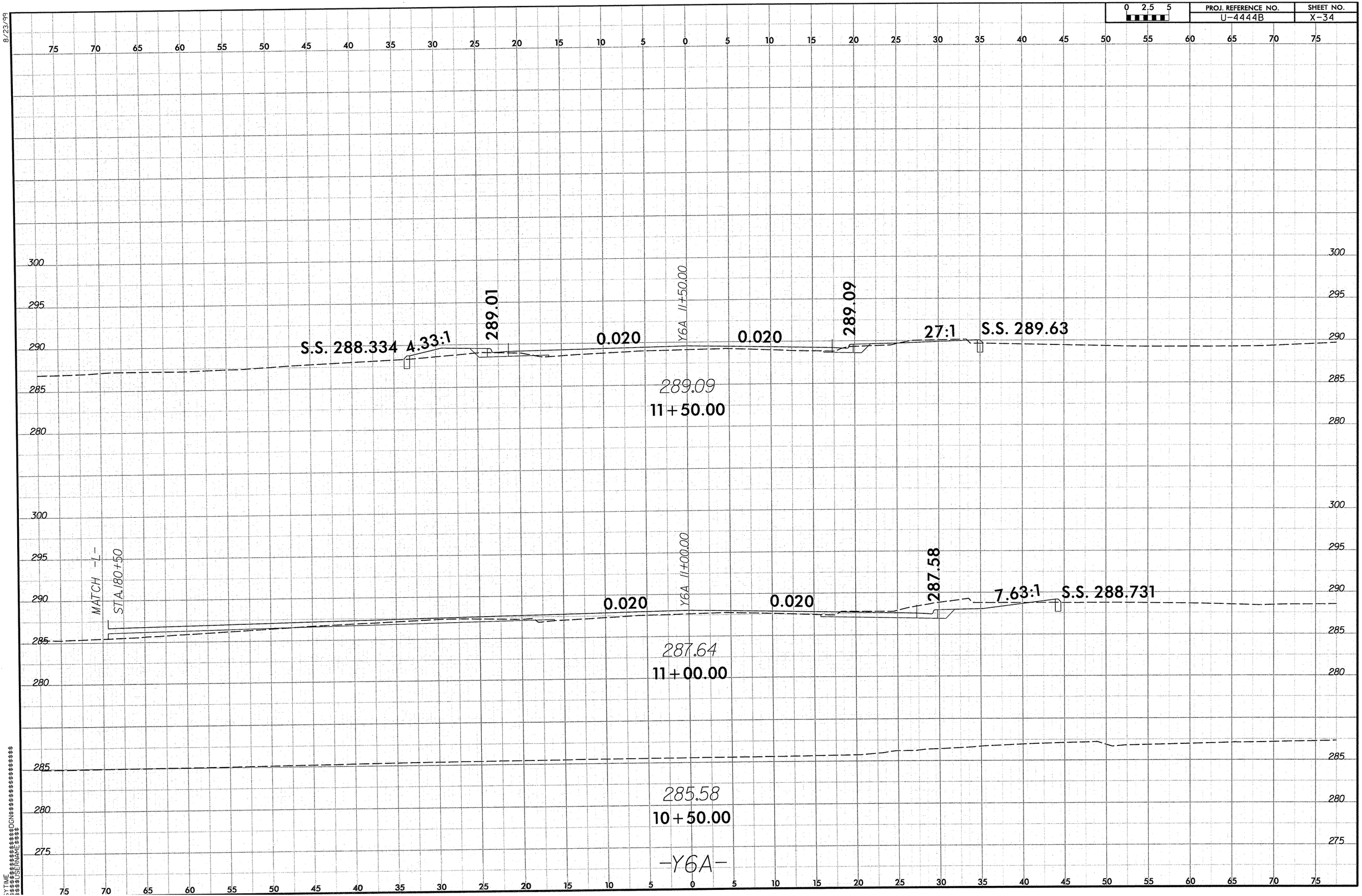
8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-33



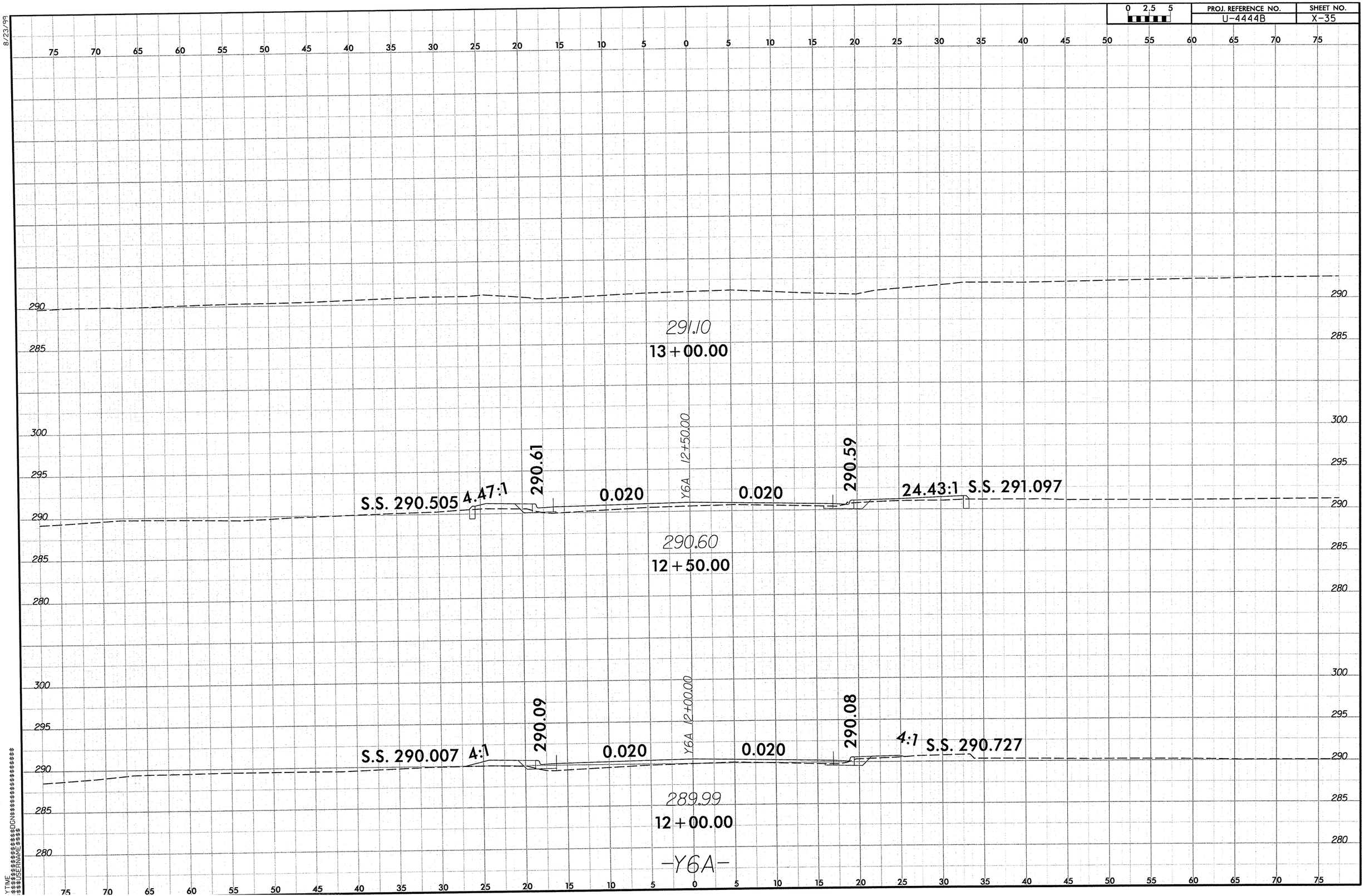
$$$$SYTIME$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$$$$$$$$USERNAME$$$$

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-34



8/23/99

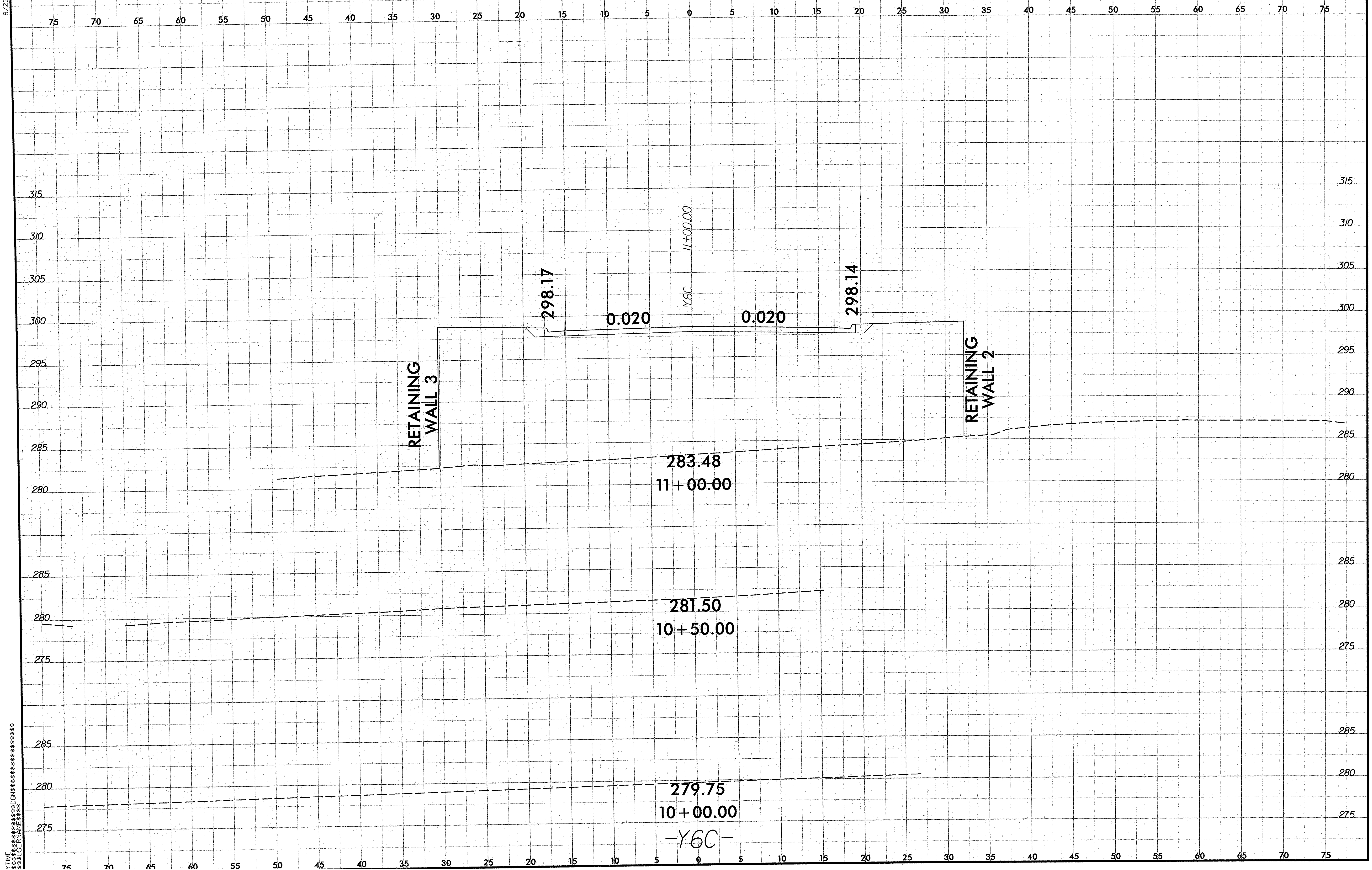
0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-35



8/23/99

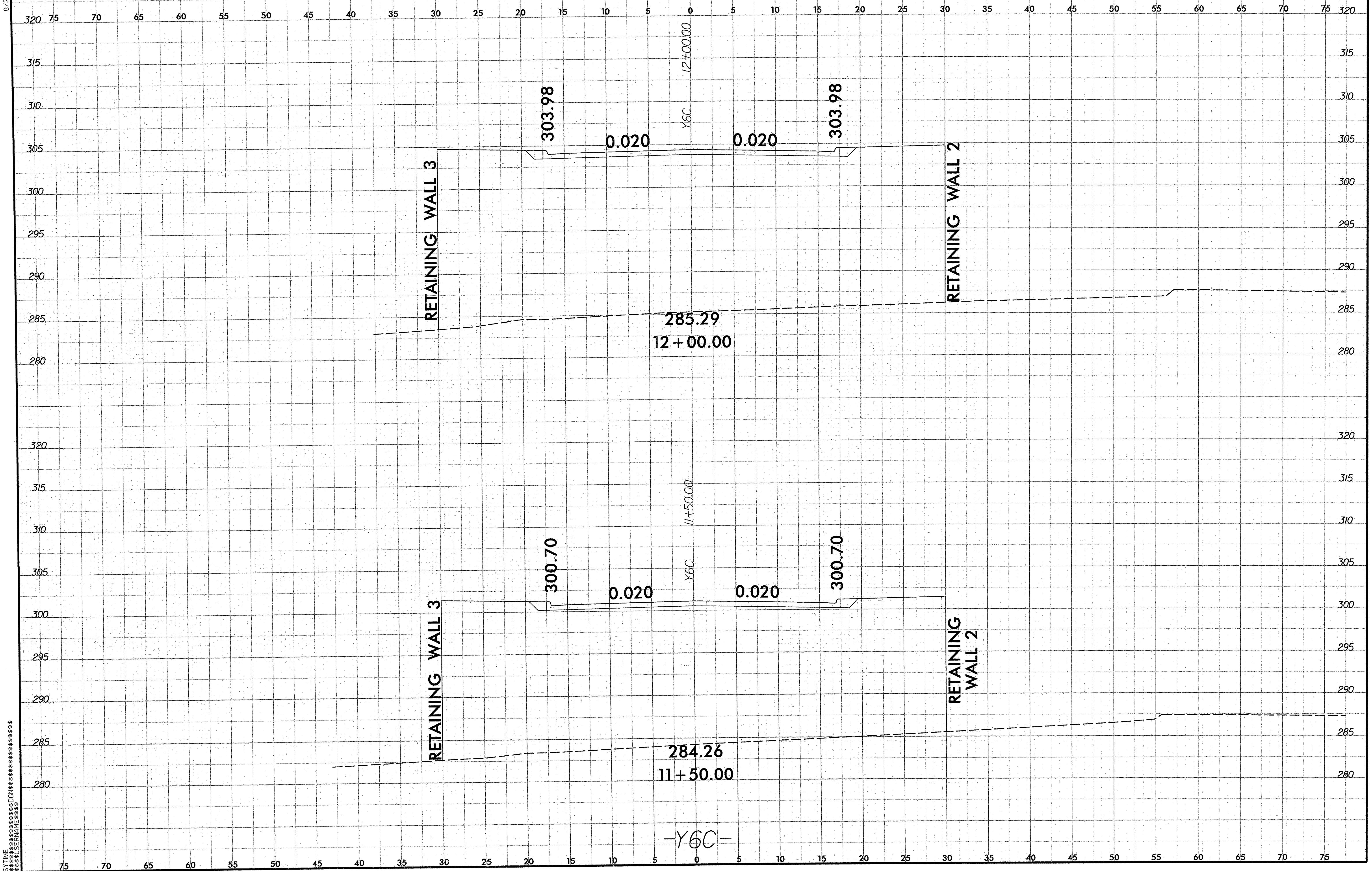
8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-36



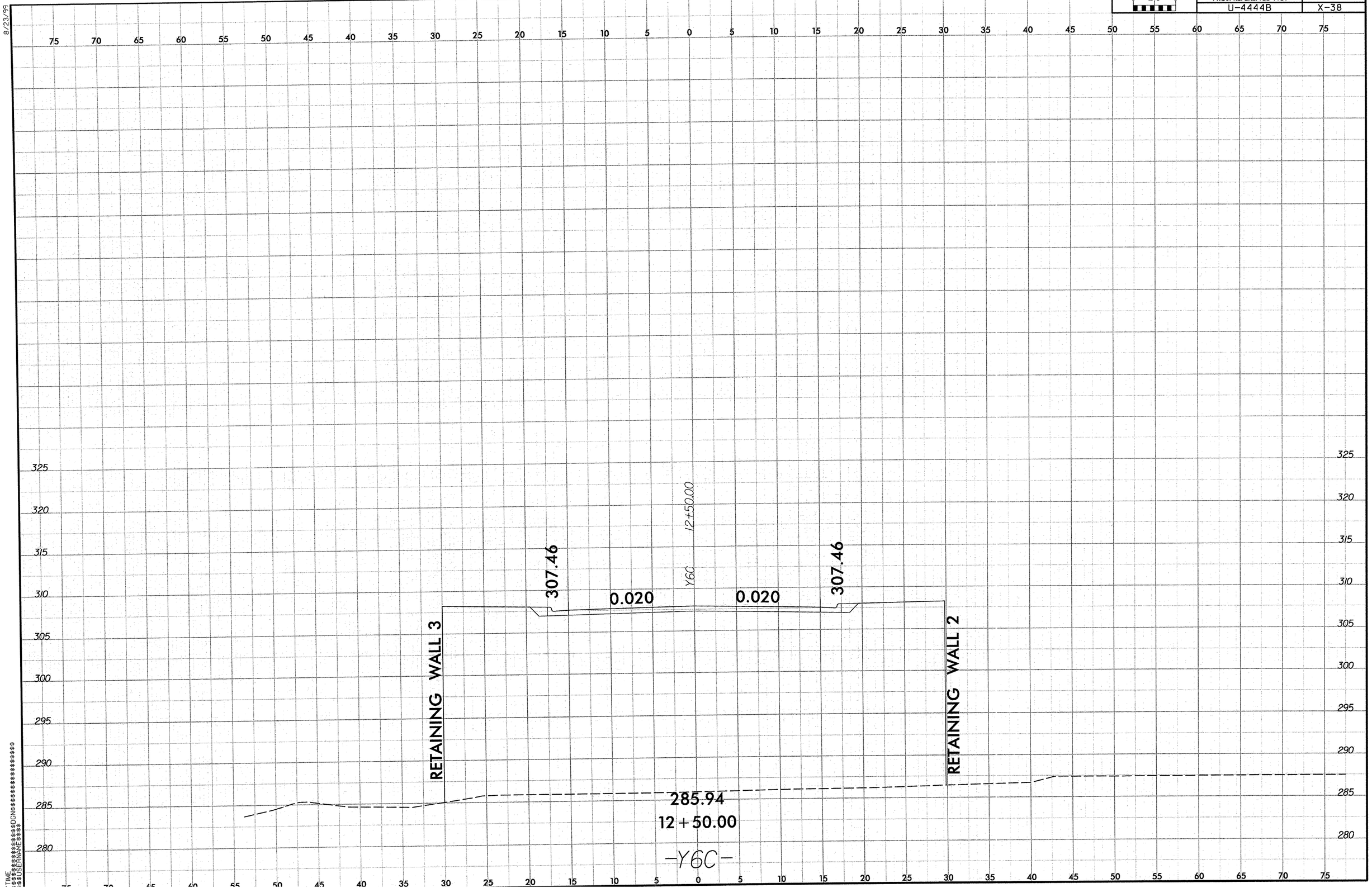
$$$$SYTIME$$$$ $$$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$ $$$$$USERNAME$$$$

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-37

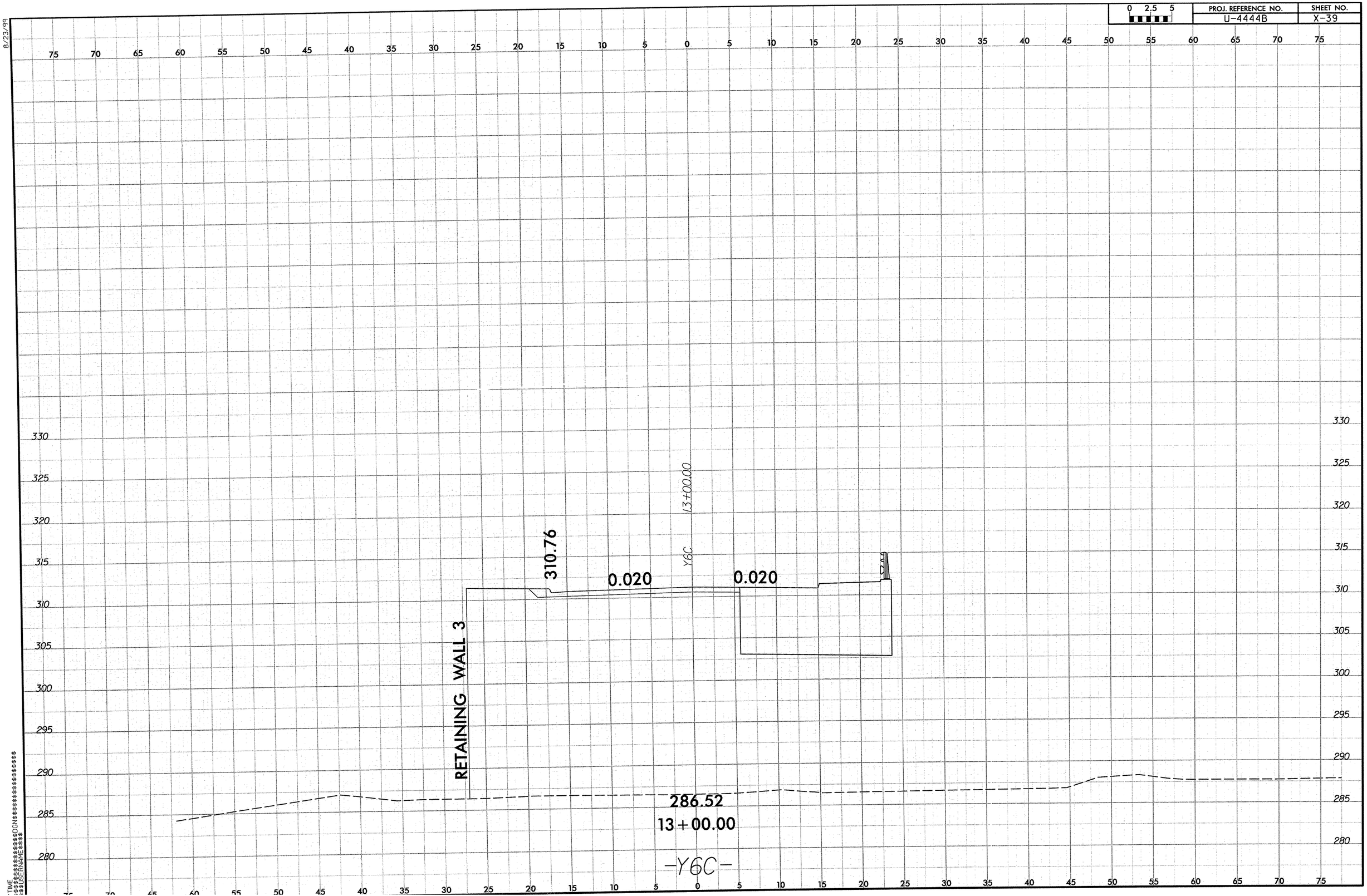


8/23/99

$$$$SYTIME$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$$USERNAME$$$$

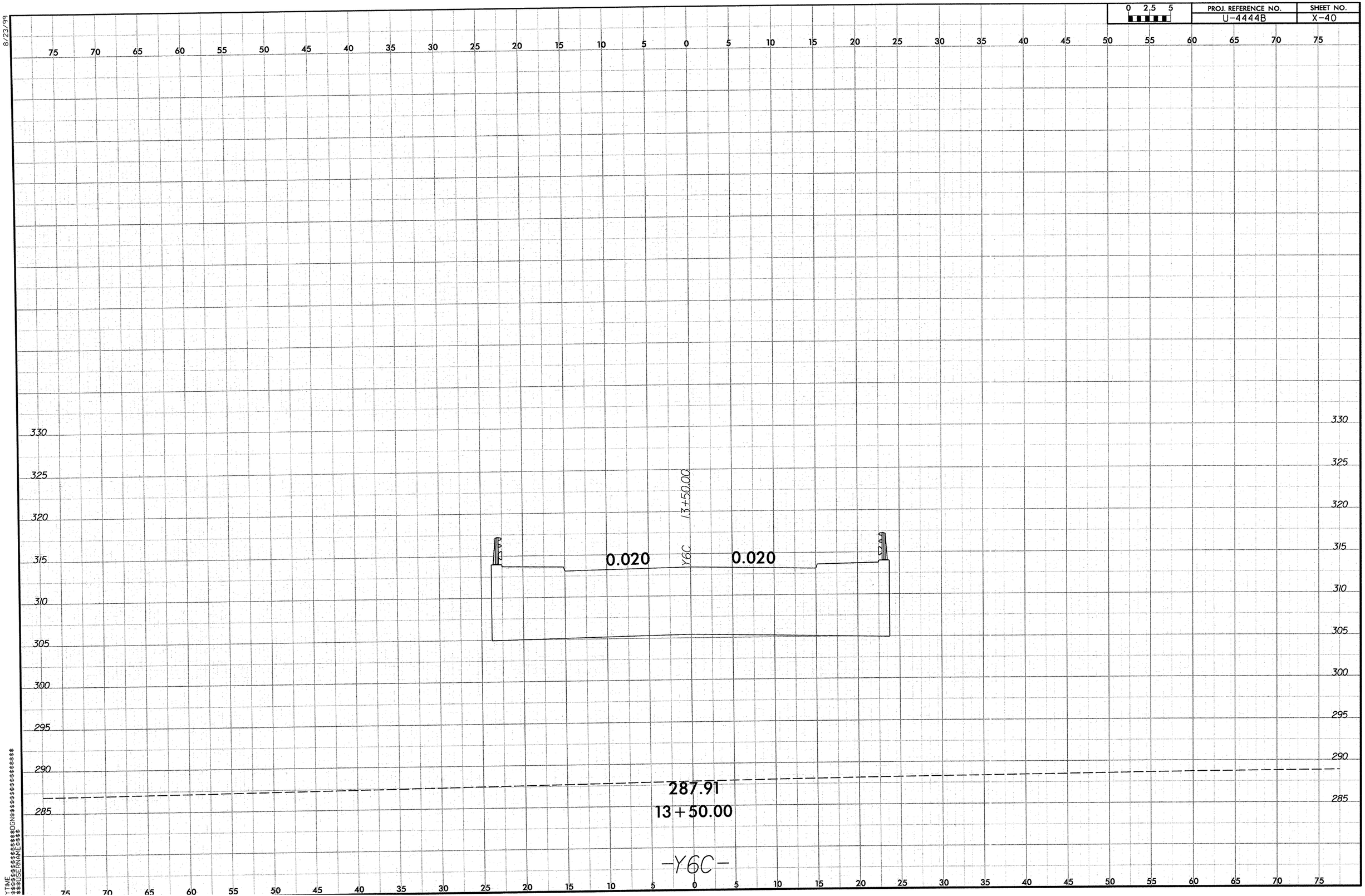


0 2.5 5
PROJ. REFERENCE NO.
U-4444B
SHEET NO.
X-38
8/23/99
RETAINING WALL 3
RETAINING WALL 2
307.46
307.46
0.020
0.020
12+50.00
Y6C
285.94
12+50.00
-Y6C-



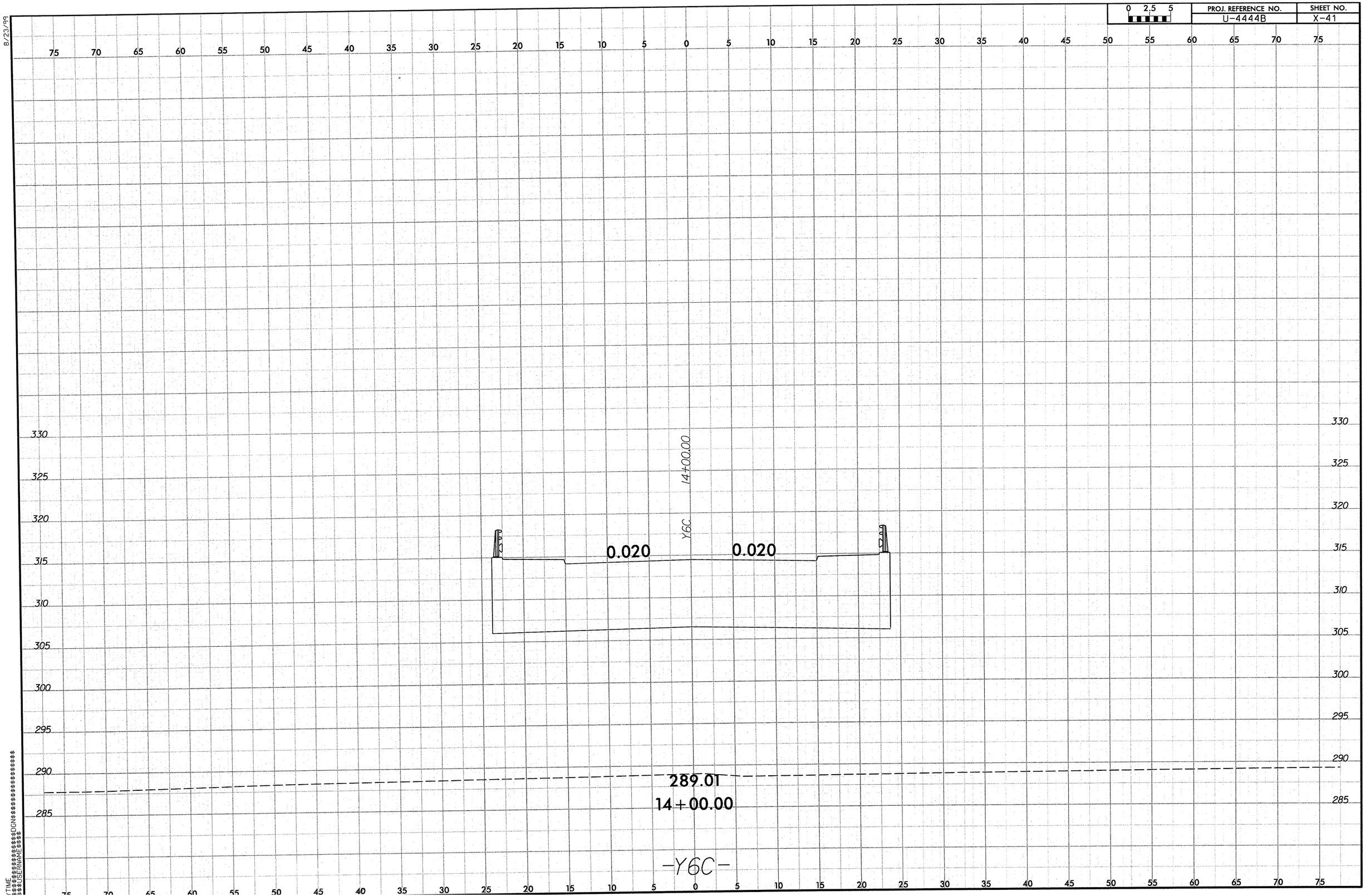
0 2.5 5
PROJ. REFERENCE NO.
U-4444B
SHEET NO.
X-39
8/23/99
RETAINING WALL 3
310.76
0.020
0.020
13+00.00
Y6C
286.52
13+00.00
-Y6C-

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-40

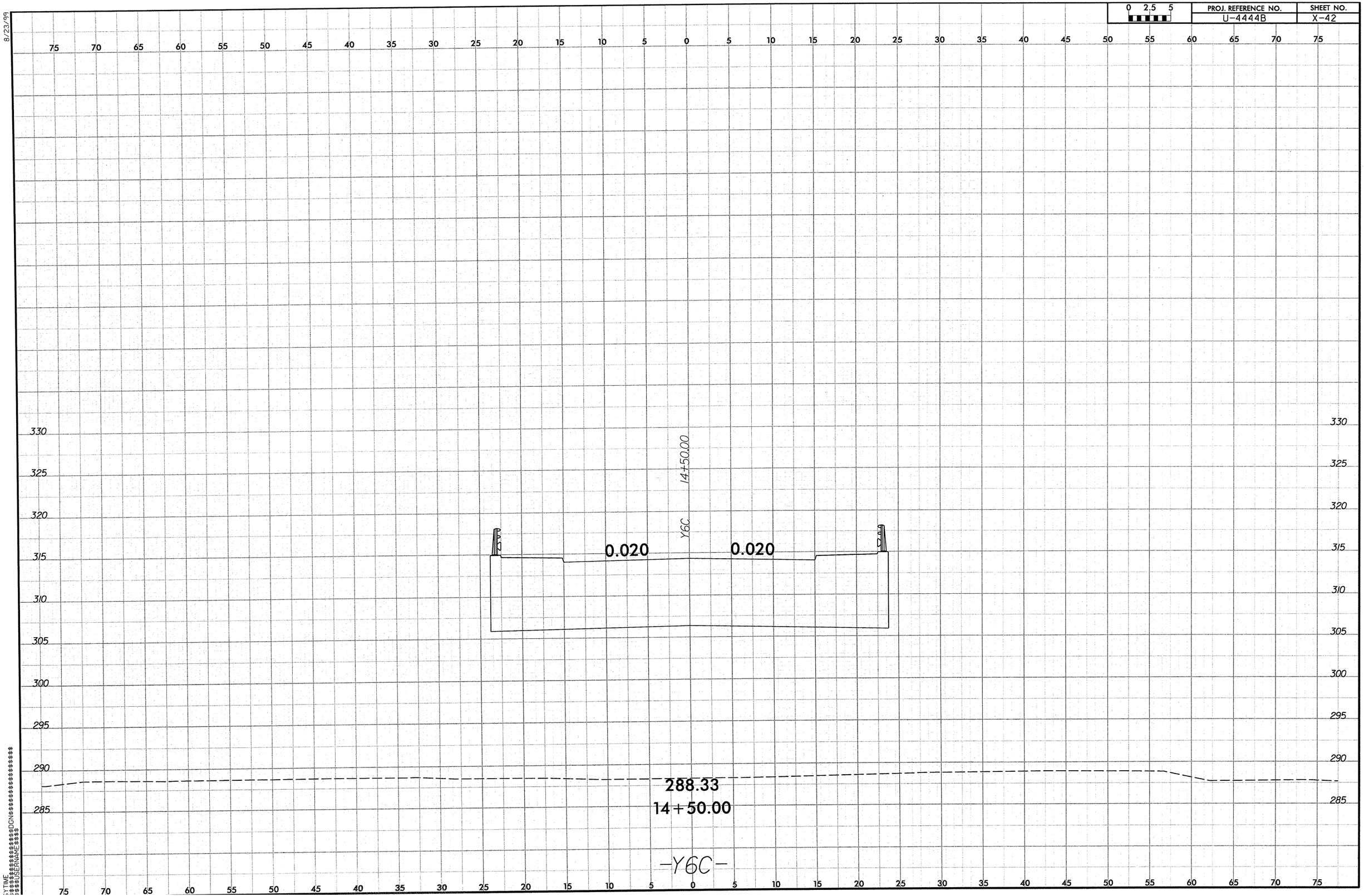


8/23/99

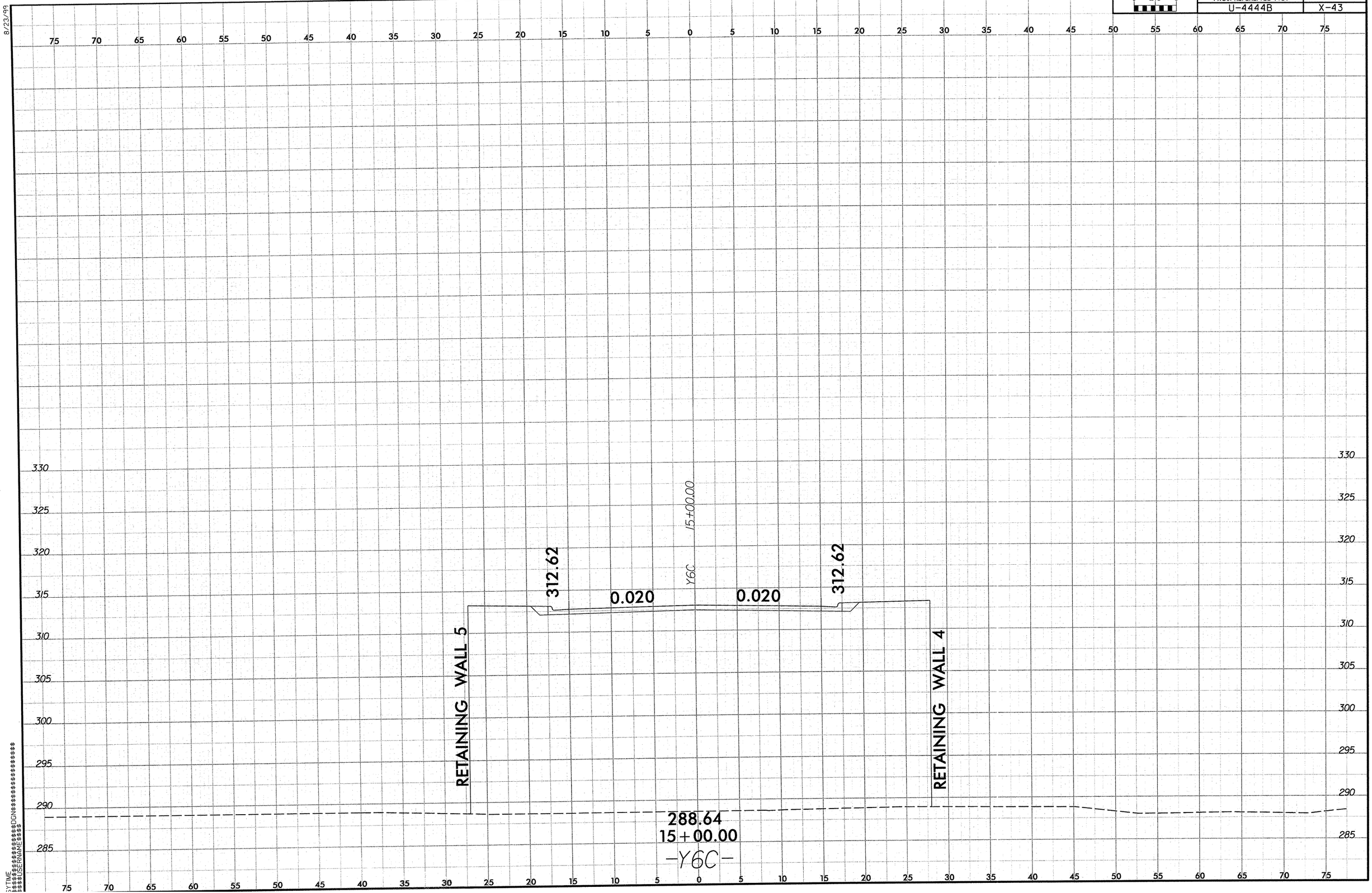
0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-41



8/23/99

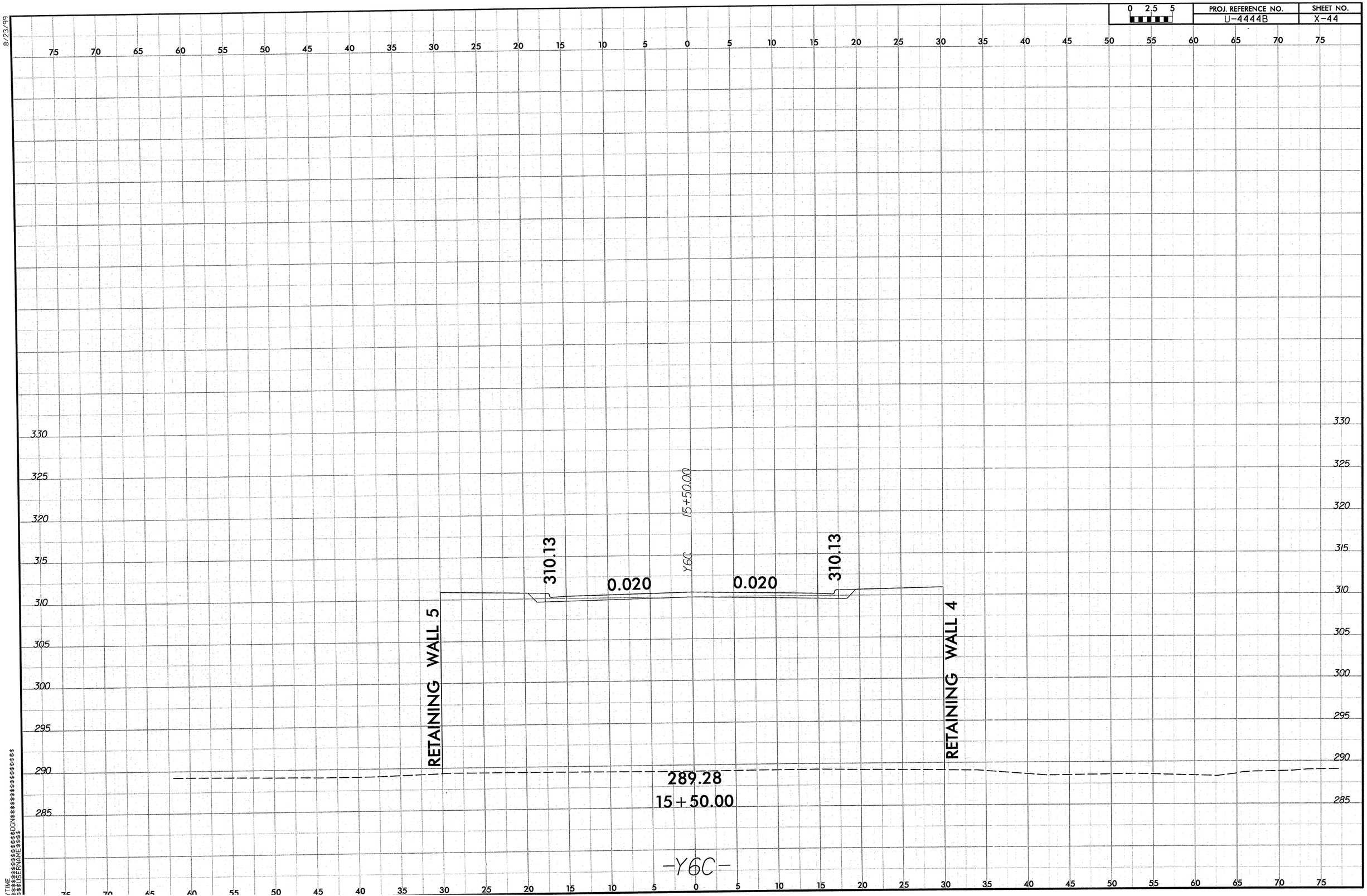


0 2.5 5
PROJ. REFERENCE NO.
U-4444B
SHEET NO.
X-42
8/23/99
14+50.00
Y6C
0.020
0.020
288.33
14+50.00
-Y6C-



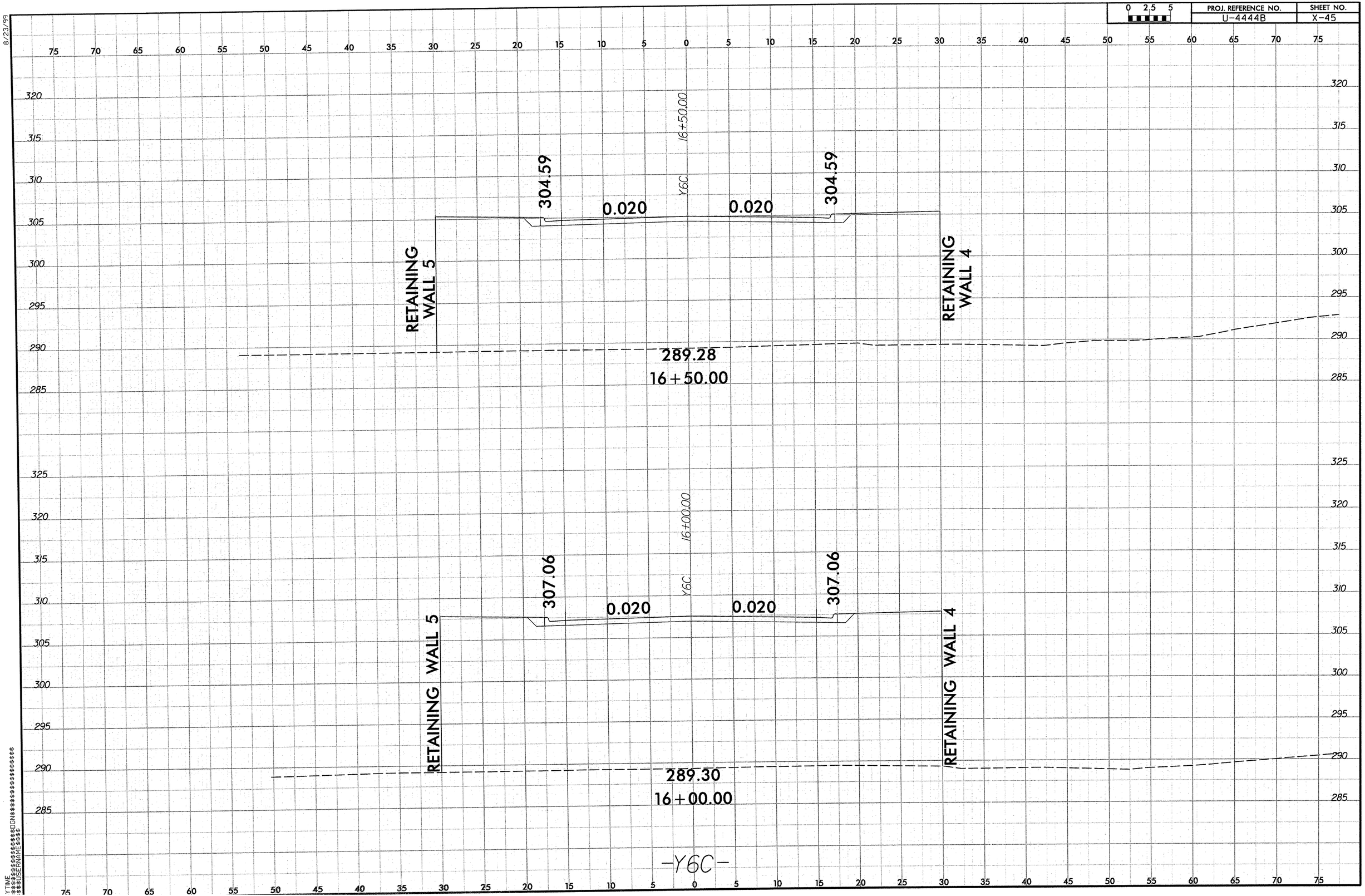
0 2.5 5
PROJ. REFERENCE NO.
U-4444B
SHEET NO.
X-43
8/23/99
75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75
330 325 320 315 310 305 300 295 290 285
15+00.00
Y6C
312.62
0.020
0.020
312.62
RETAINING WALL 5
RETAINING WALL 4
288.64
15+00.00
-Y6C-

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-44



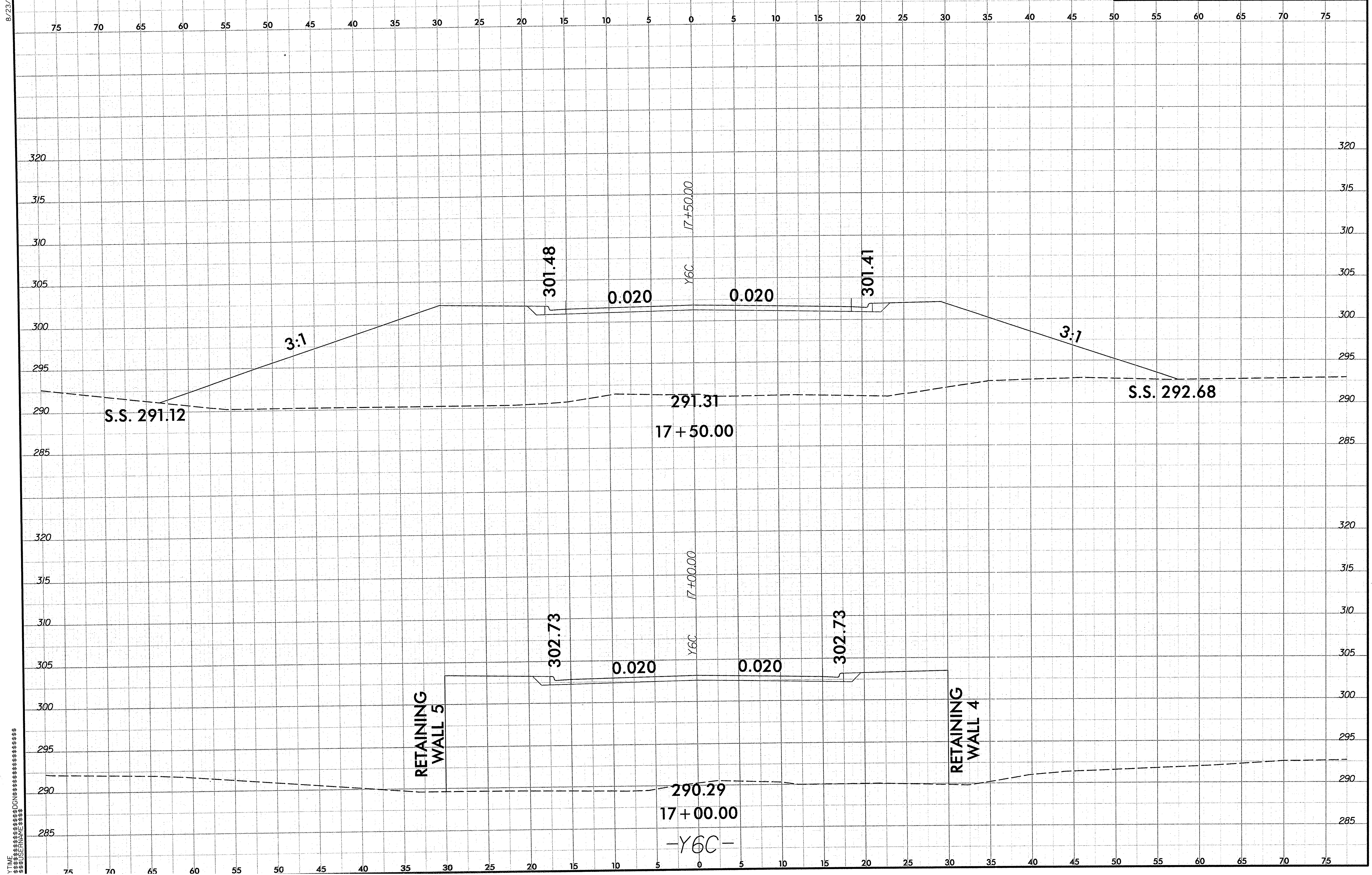
8/23/99

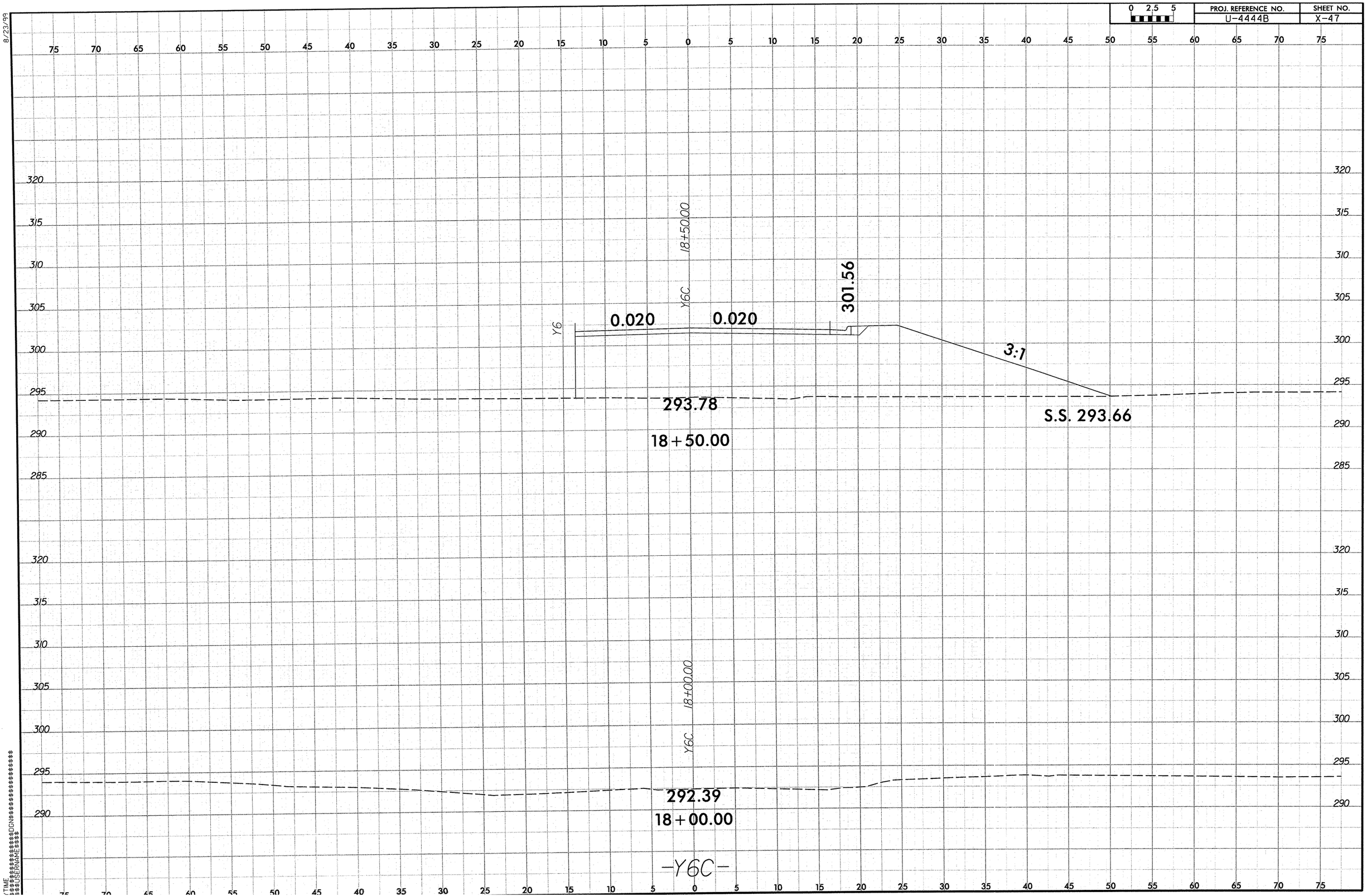
0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-45



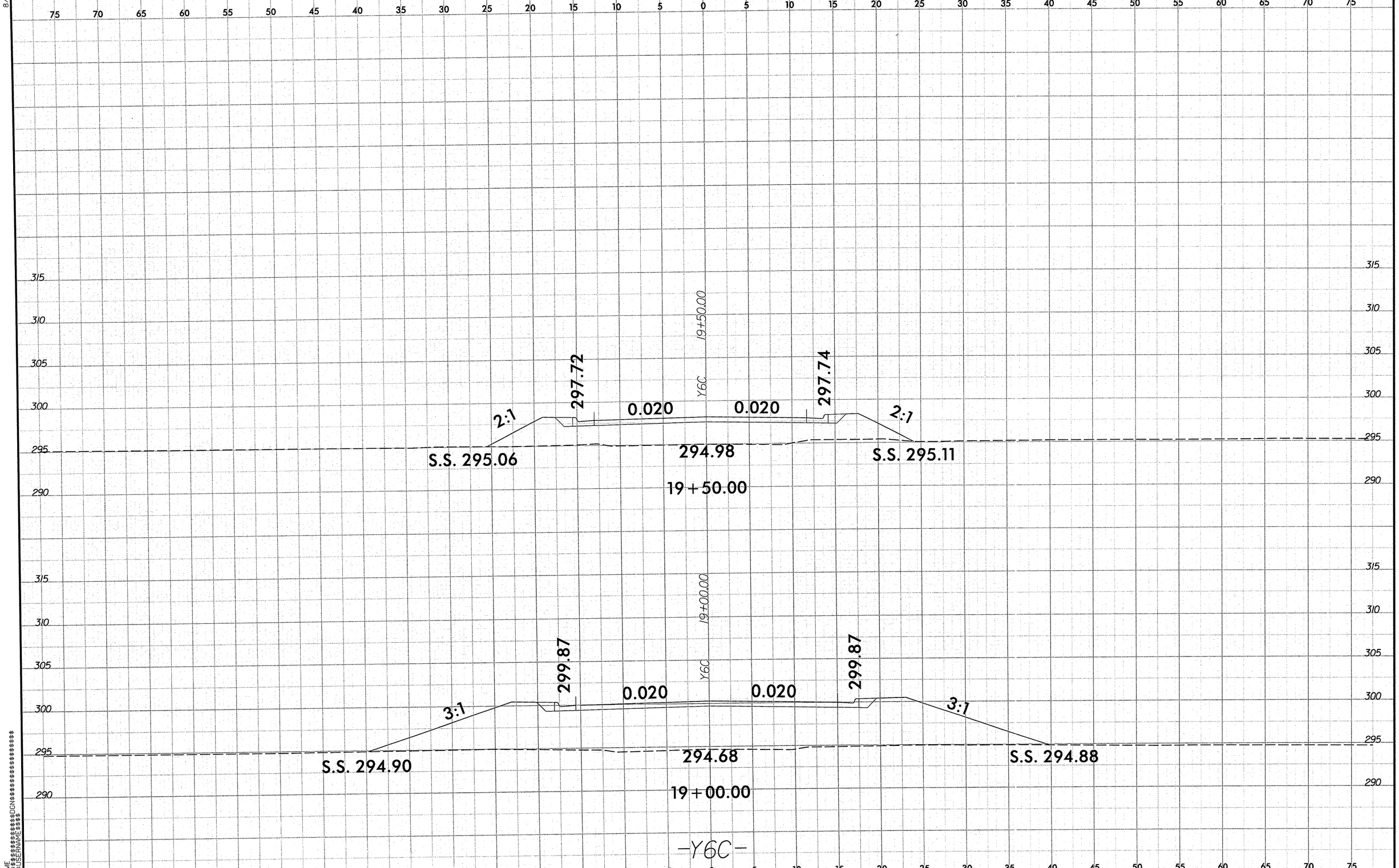
8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-46

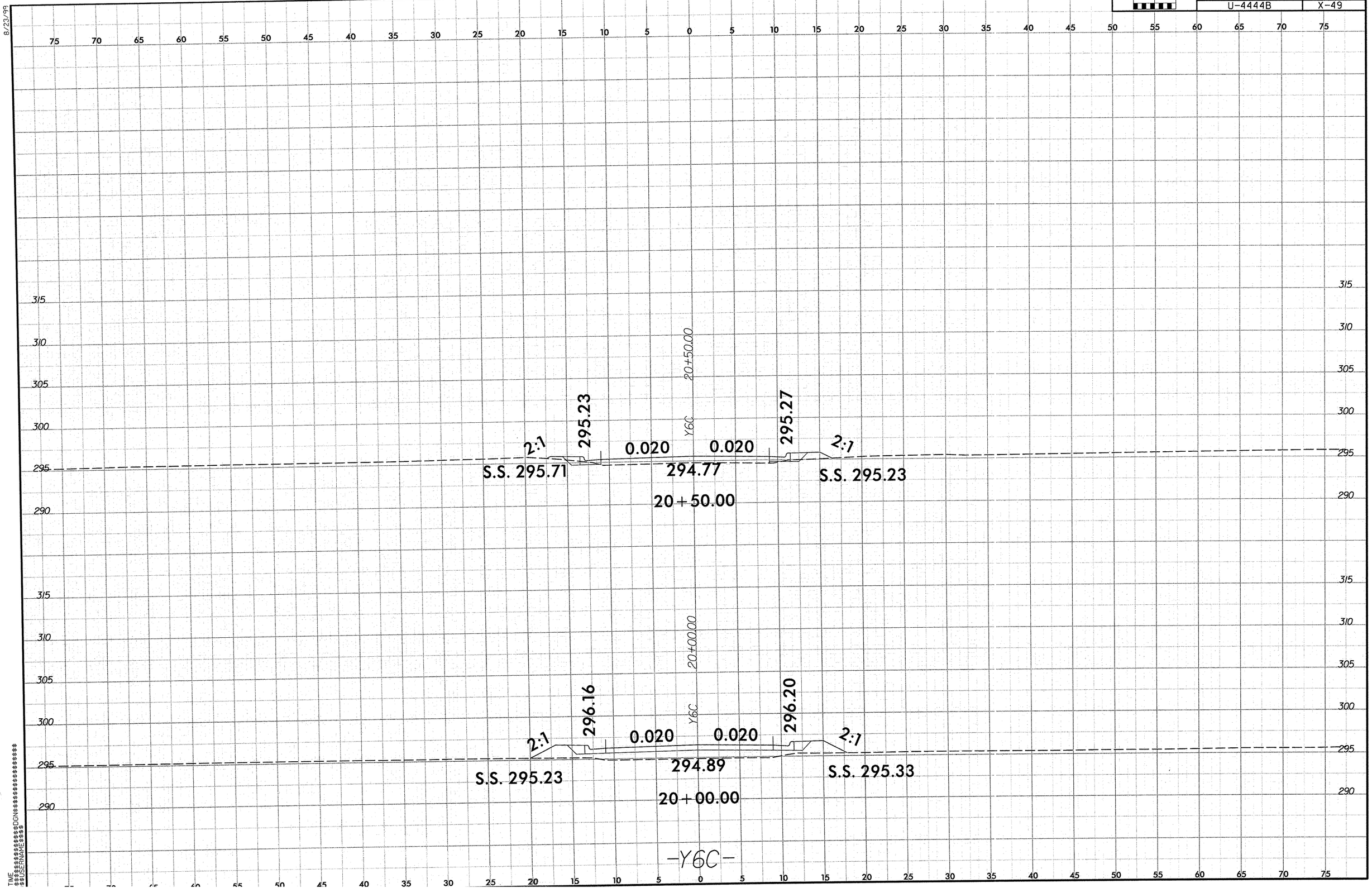




0 2.5 5
PROJ. REFERENCE NO.
U-4444B
SHEET NO.
X-47
8/23/99
18+50.00
Y6C
Y6
0.020
0.020
301.56
3:1
293.78
18+50.00
S.S. 293.66
18+00.00
Y6C
292.39
18+00.00
-Y6C-

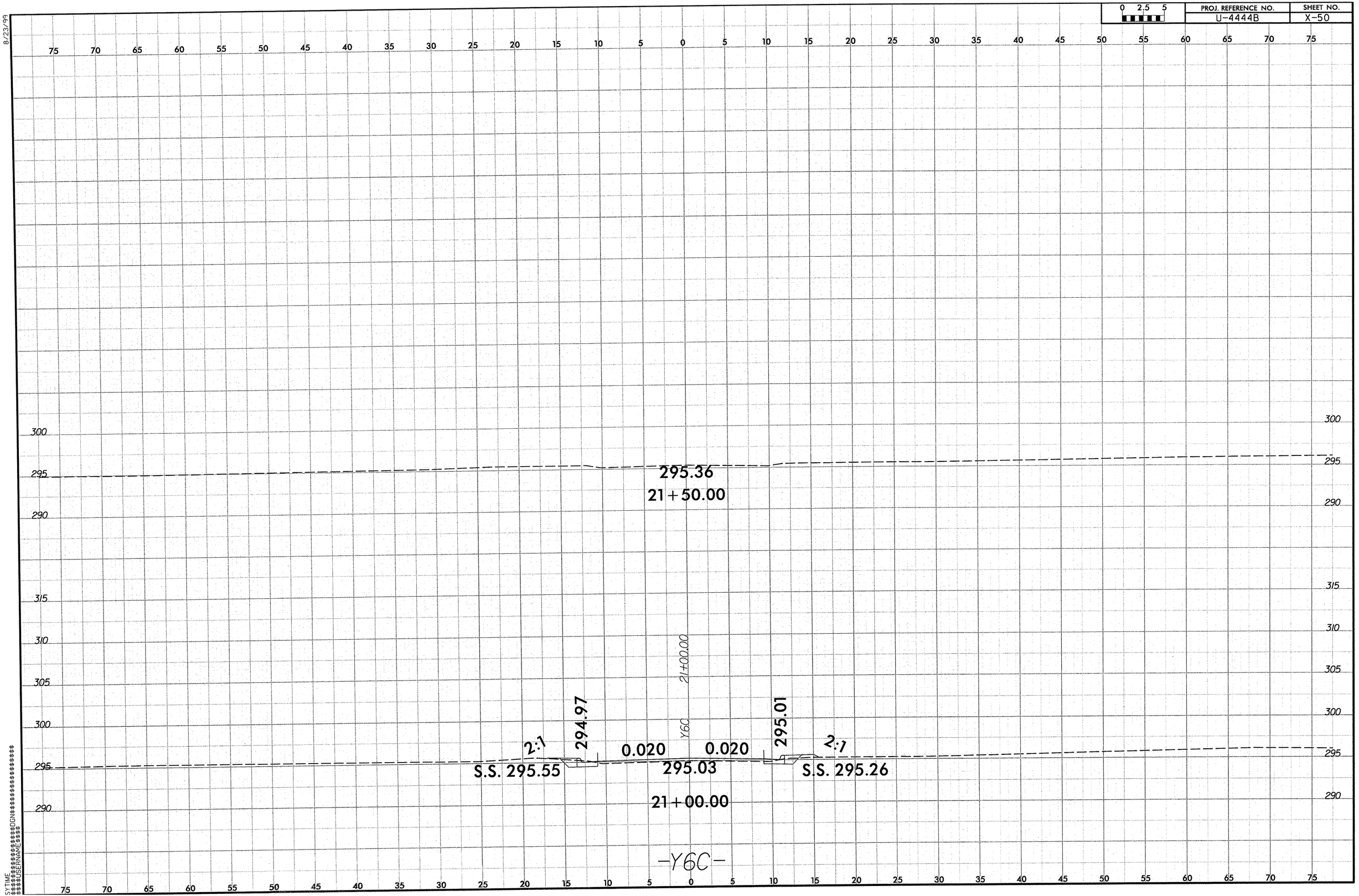


0 2.5 5
PROJ. REFERENCE NO.
U-4444B
SHEET NO.
X-48
8/23/99
19+50.00
Y6C
297.72
297.74
0.020
0.020
2:1
2:1
S.S. 295.06
294.98
S.S. 295.11
19+50.00
19+00.00
Y6C
299.87
299.87
0.020
0.020
3:1
3:1
S.S. 294.90
294.68
S.S. 294.88
19+00.00
-Y6C-



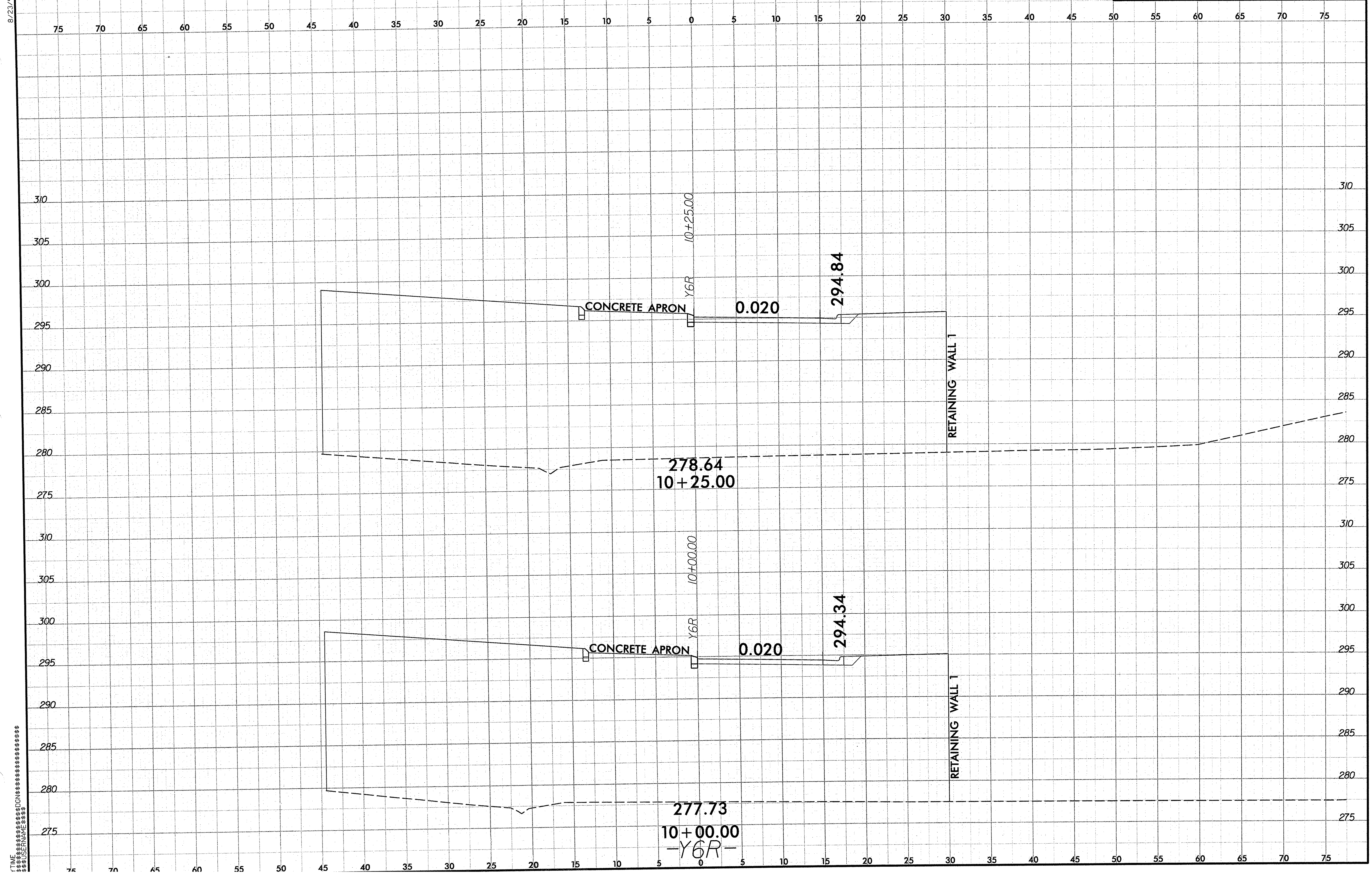
0 2.5 5
PROJ. REFERENCE NO.
U-4444B
SHEET NO.
X-49
8/23/99
20+50.00
Y6C
295.23
295.27
2:1
0.020
0.020
2:1
S.S. 295.71
294.77
S.S. 295.23
20+50.00
20+00.00
Y6C
296.16
296.20
2:1
0.020
0.020
2:1
S.S. 295.23
294.89
S.S. 295.33
20+00.00
-Y6C-

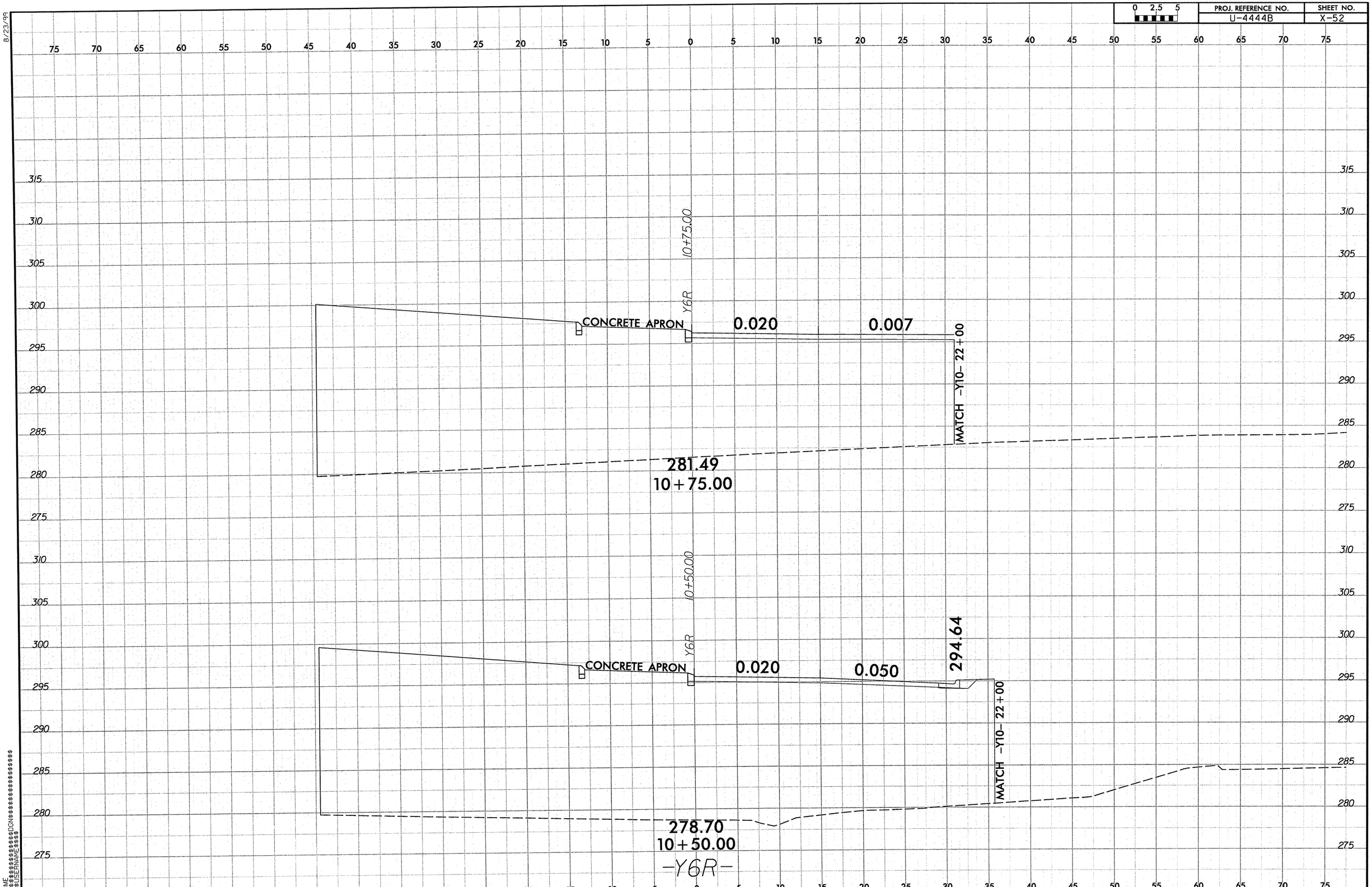
0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-50



8/23/99

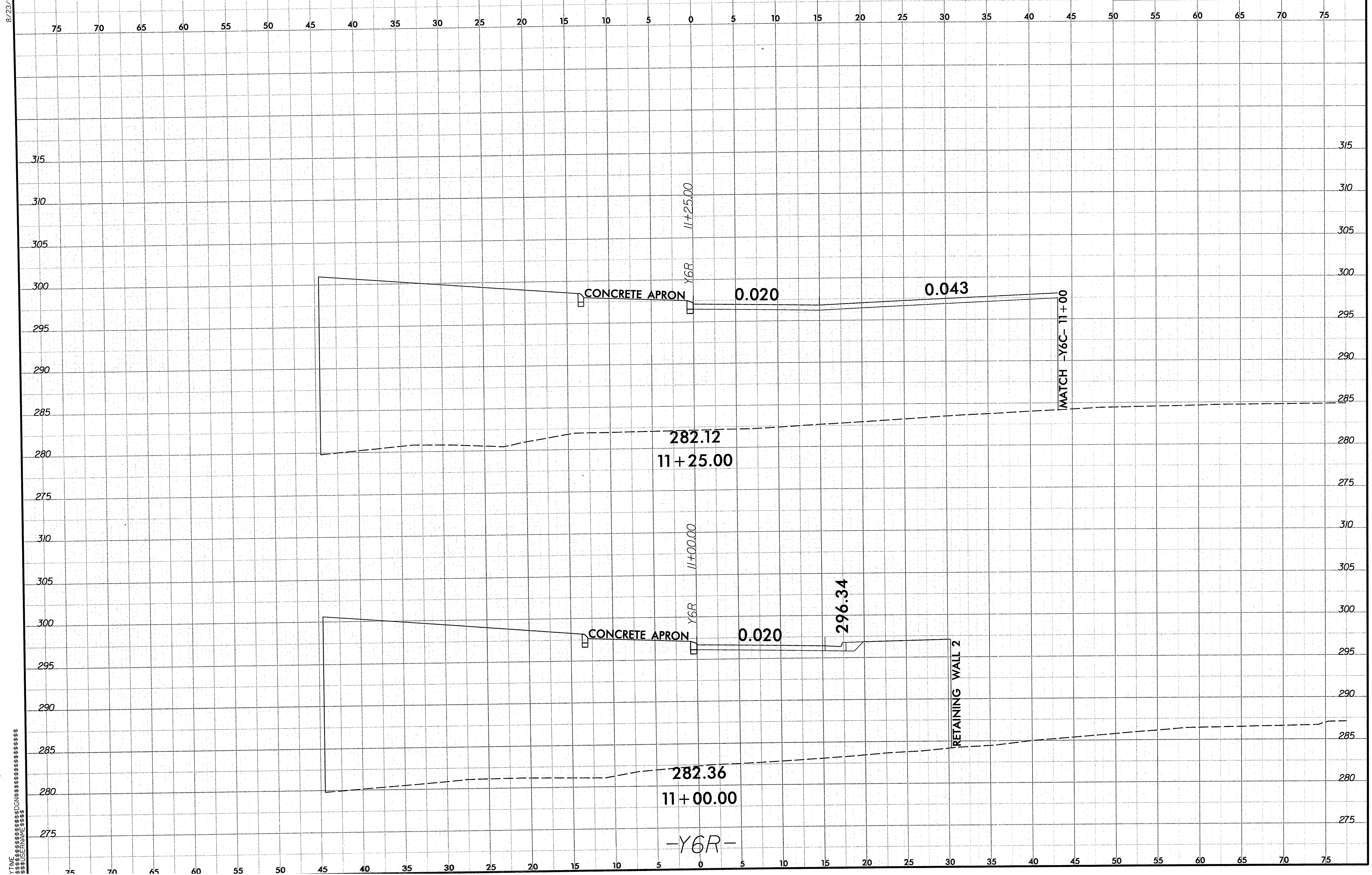
0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-51



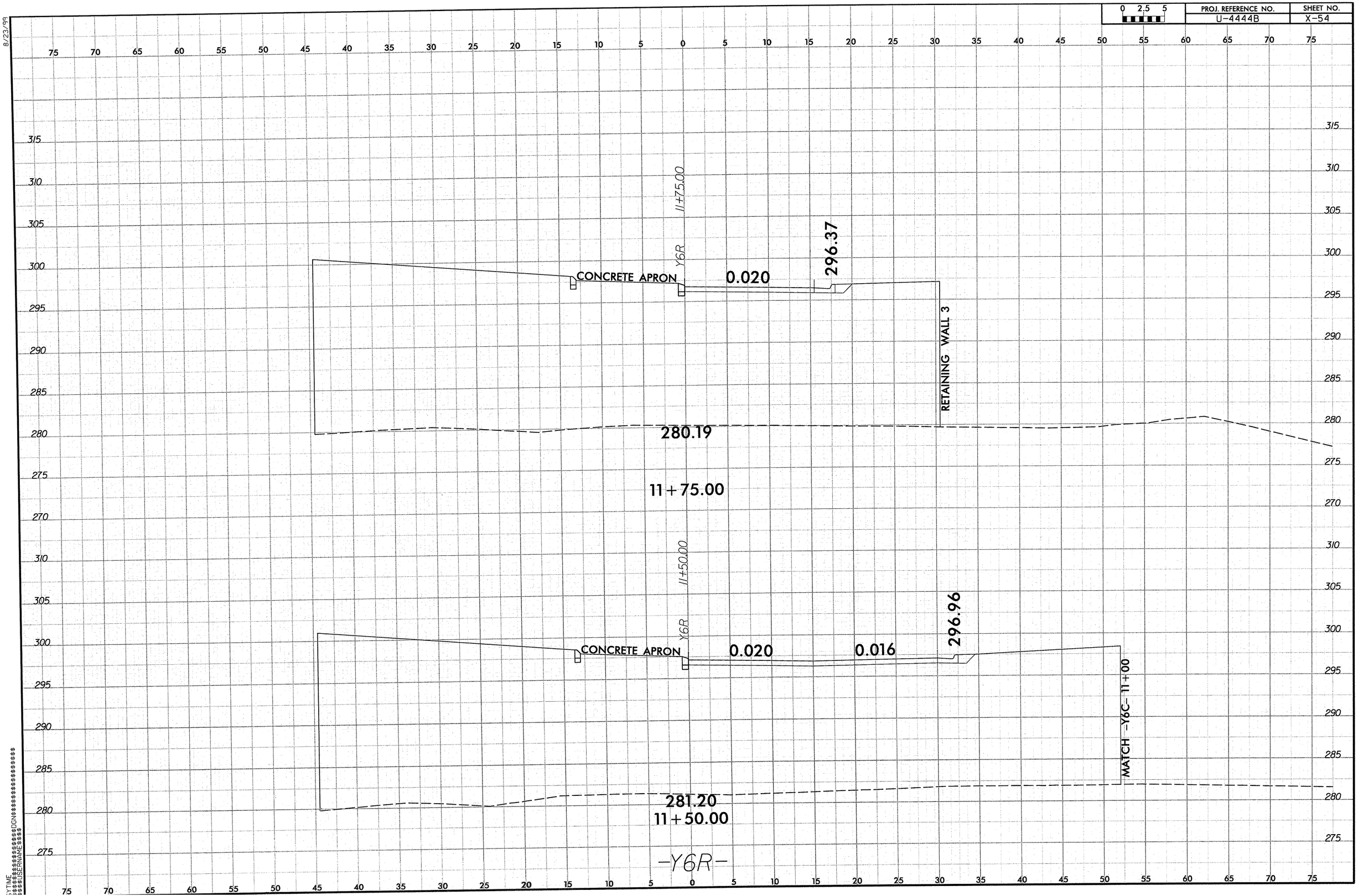


0 2.5 5
PROJ. REFERENCE NO.
U-4444B
SHEET NO.
X-52
8/23/99
10+75.00
Y6R
CONCRETE APRON
0.020
0.007
MATCH -Y10- 22+00
281.49
10+75.00
10+50.00
Y6R
CONCRETE APRON
0.020
0.050
294.64
MATCH -Y10- 22+00
278.70
10+50.00
-Y6R-

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-53

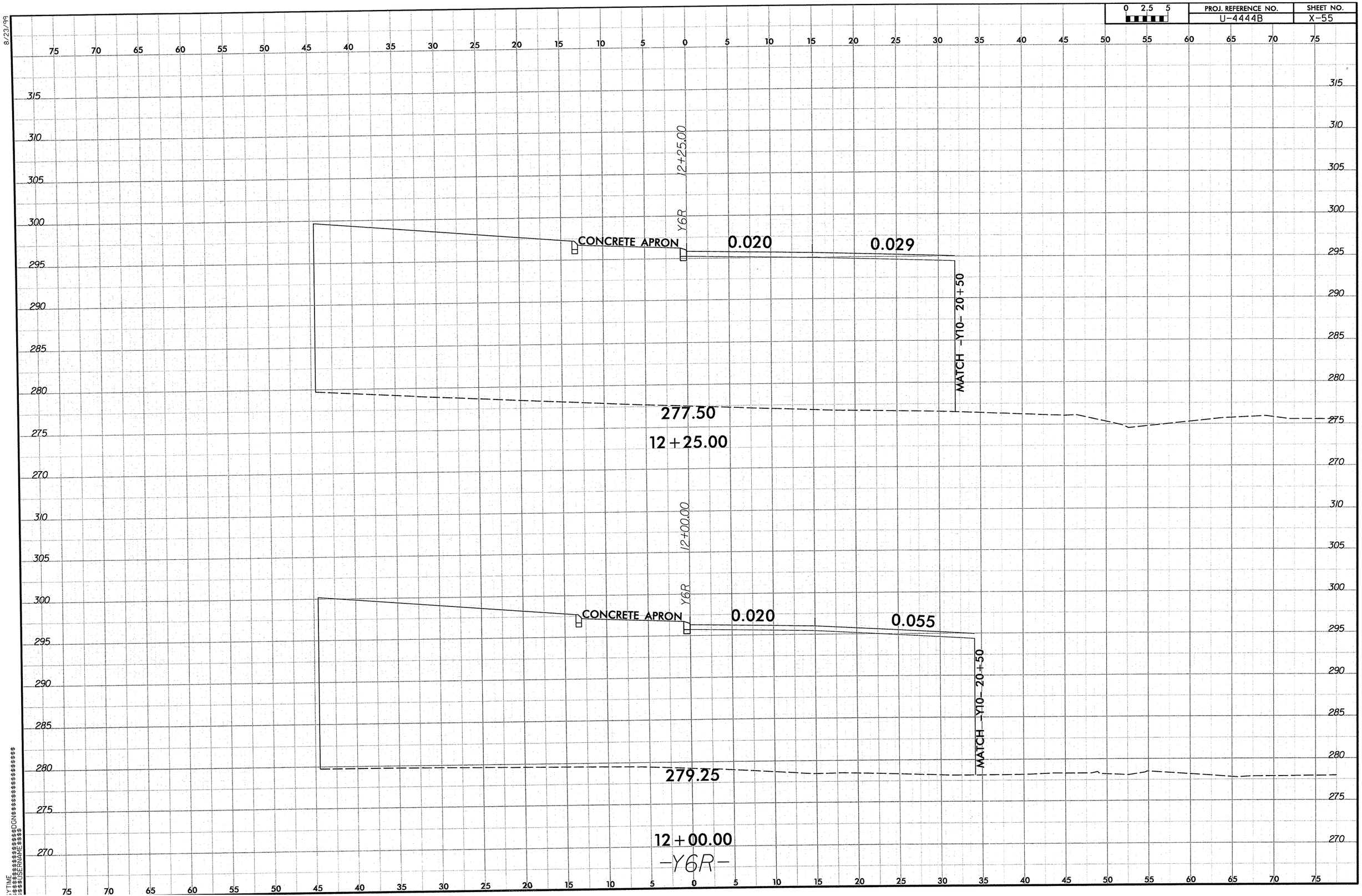


0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-54



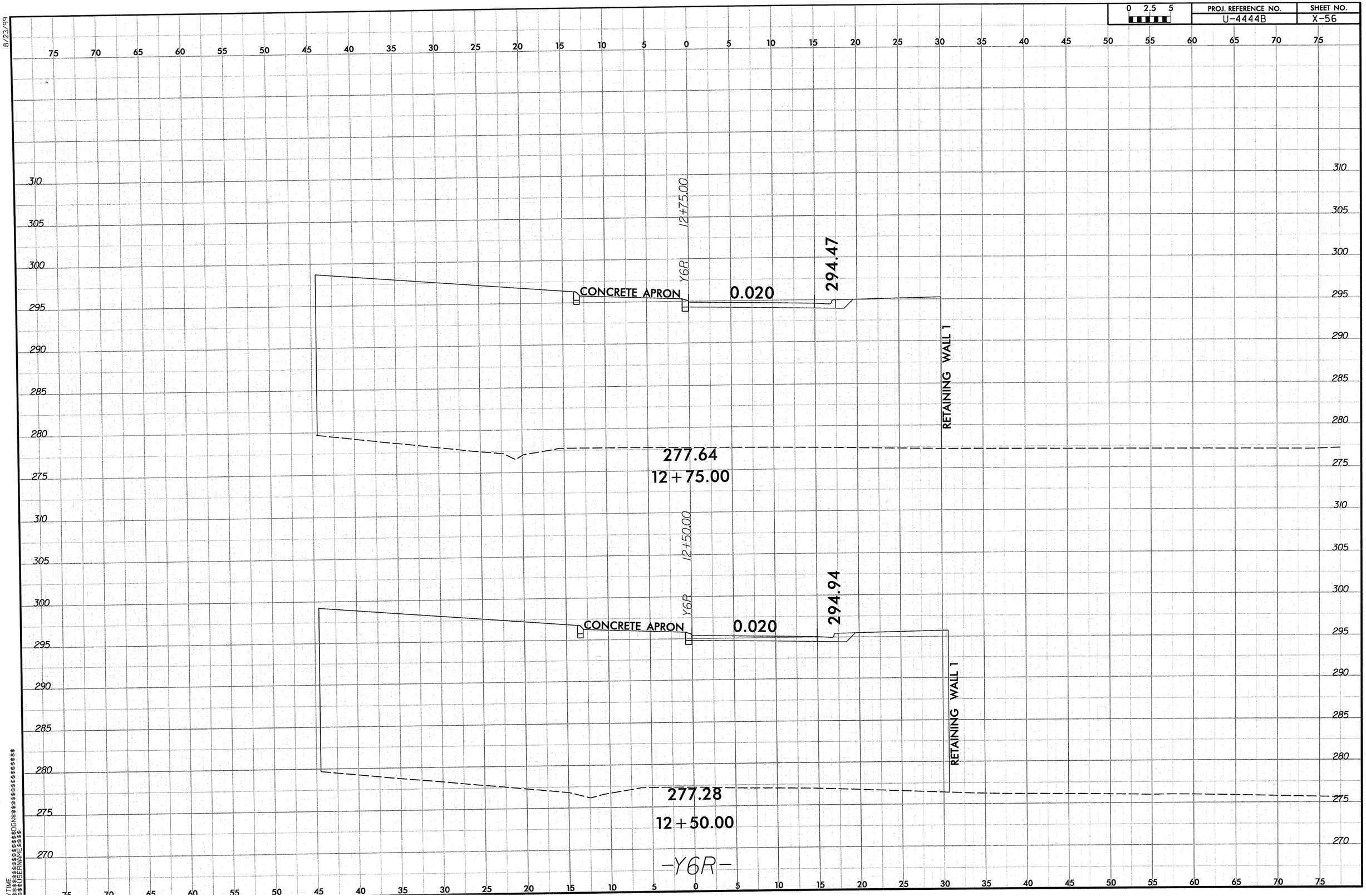
8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-55



8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-56



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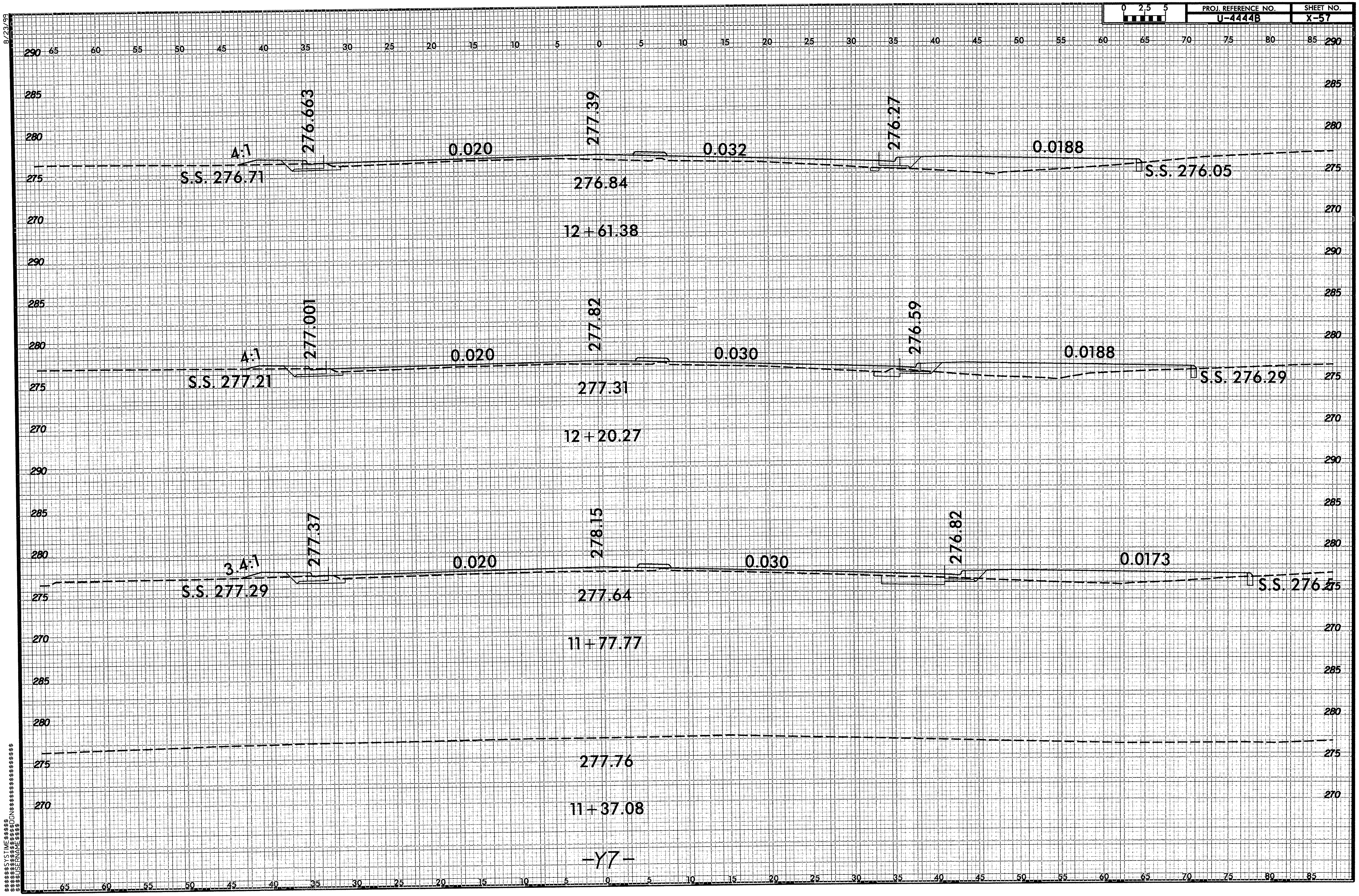

U4444B_RDY_XPL_Y7.dgn 8/15/2012 4:39:23 PM

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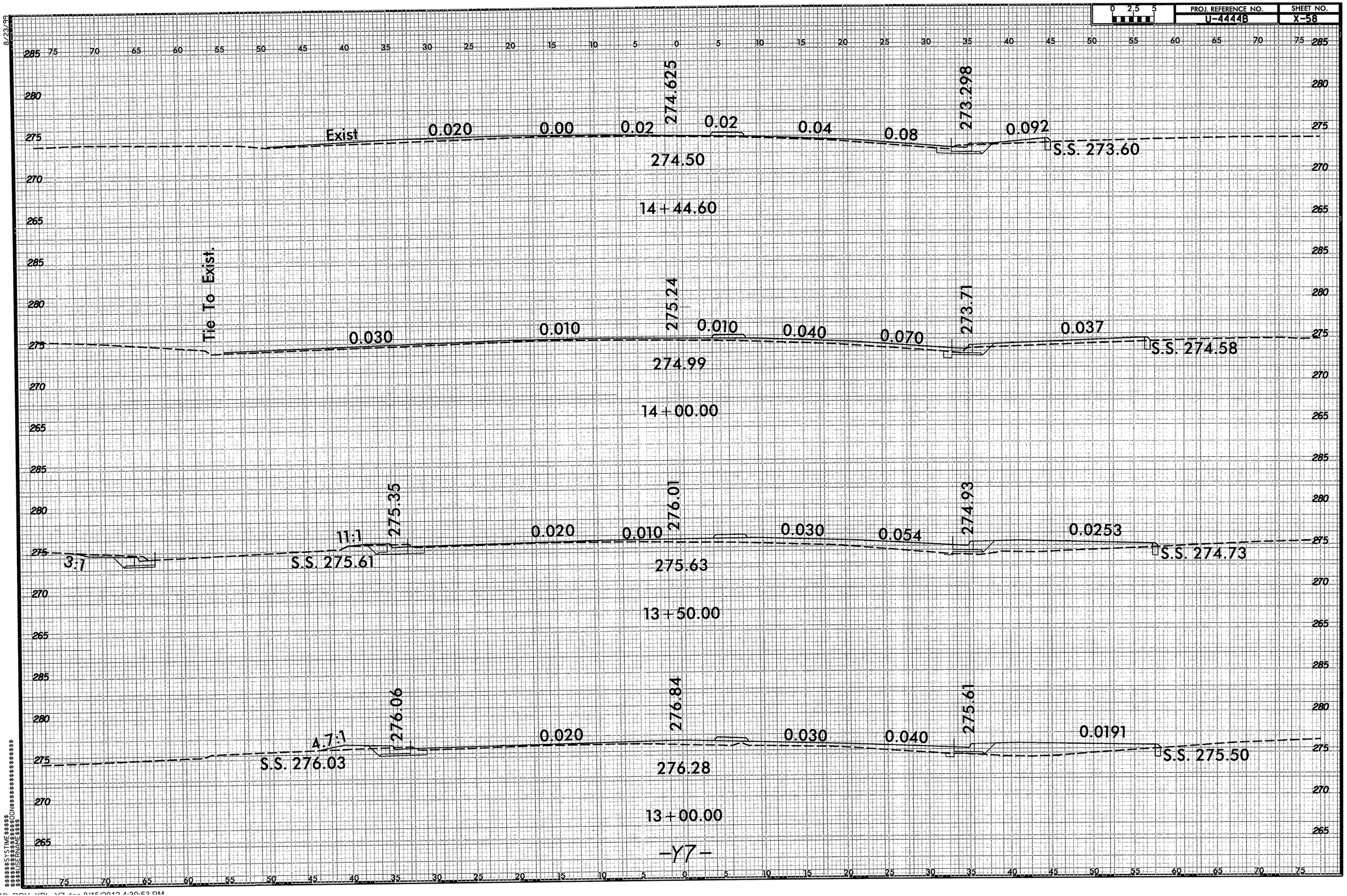
	U-4444B	X-58

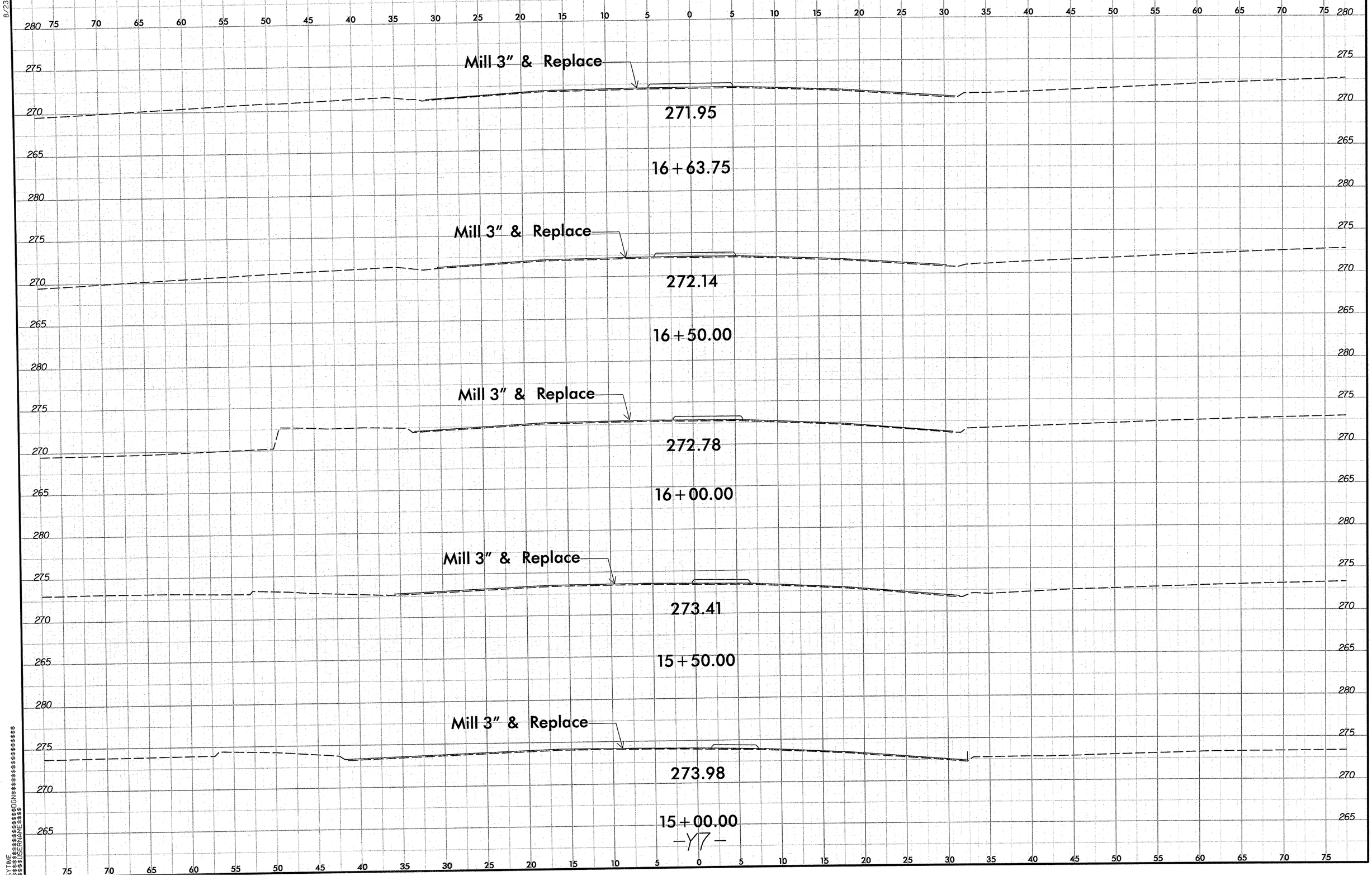


8/23/99

$$$$$$$$SYSTIME$$$$$
$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$
$$$$$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-59



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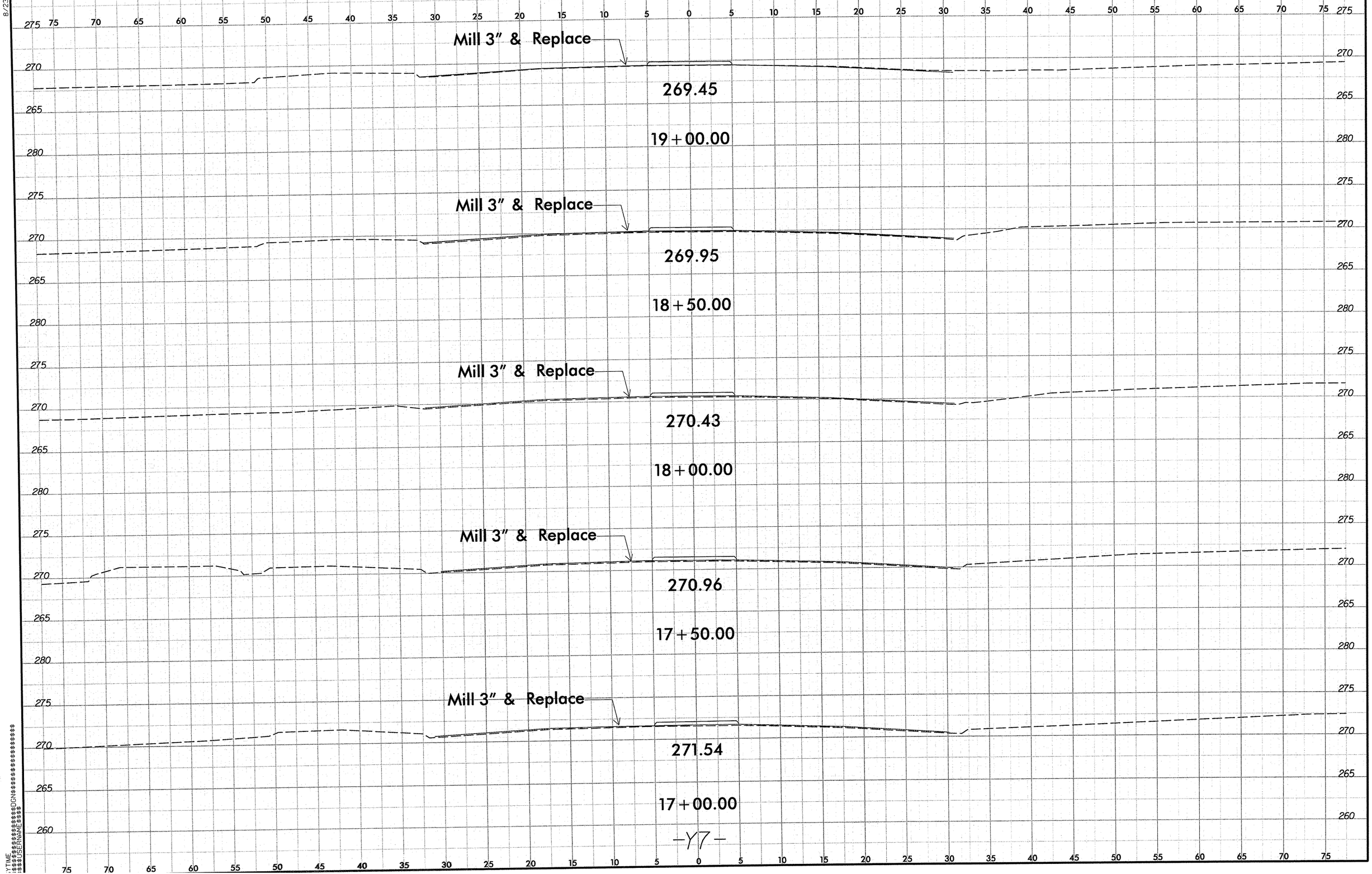
	U-4444B	X-60



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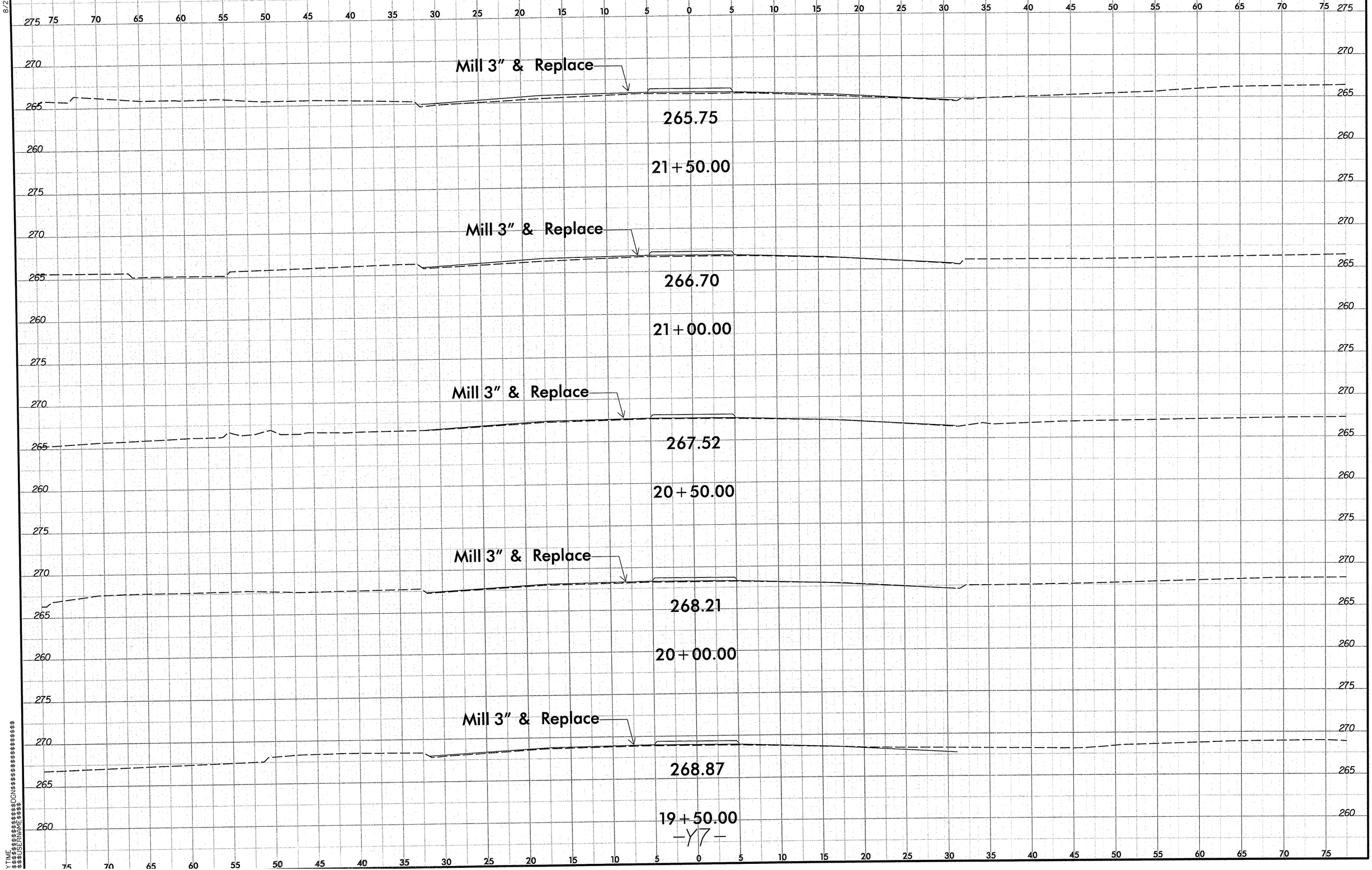
8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-61



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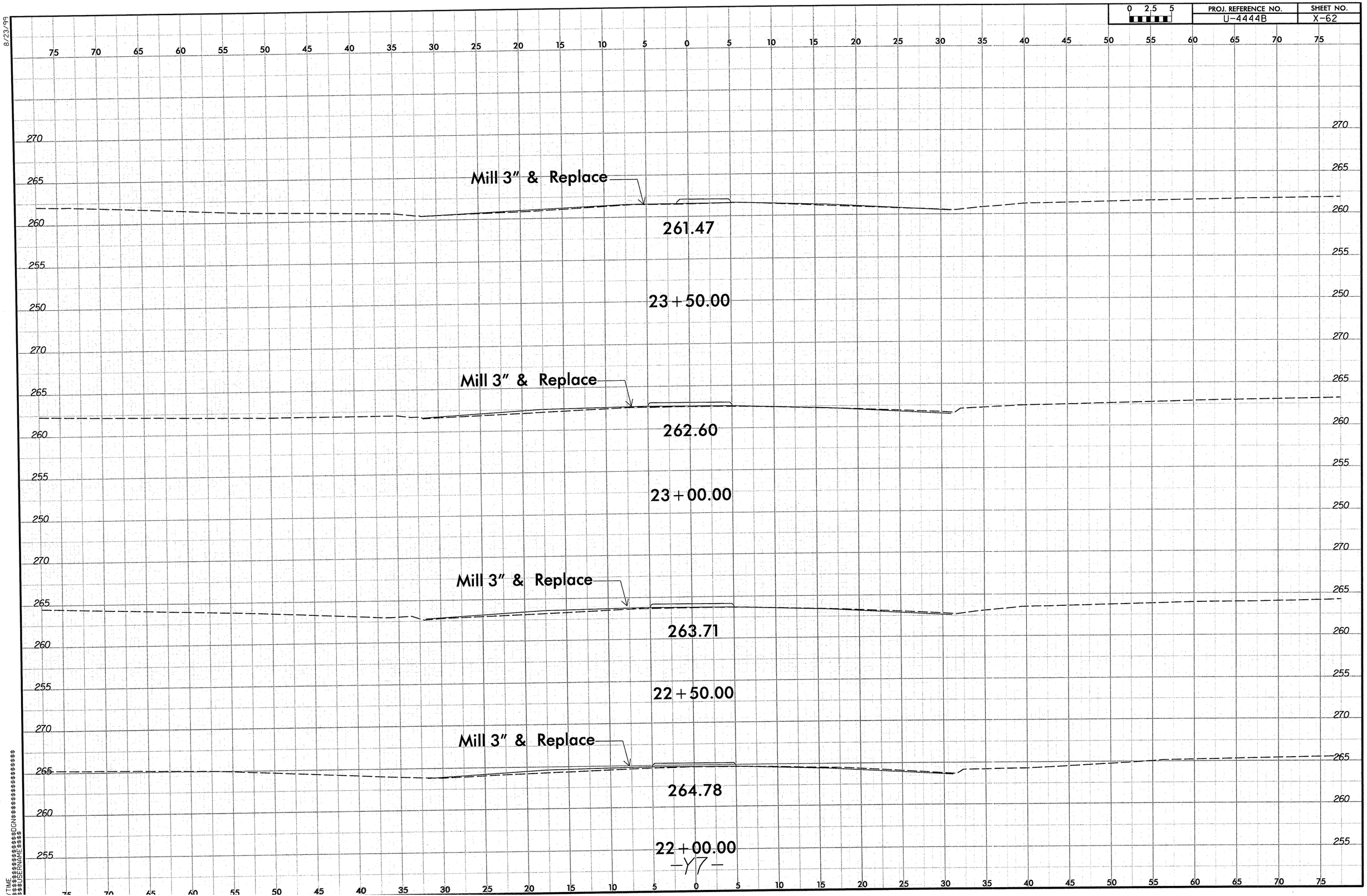
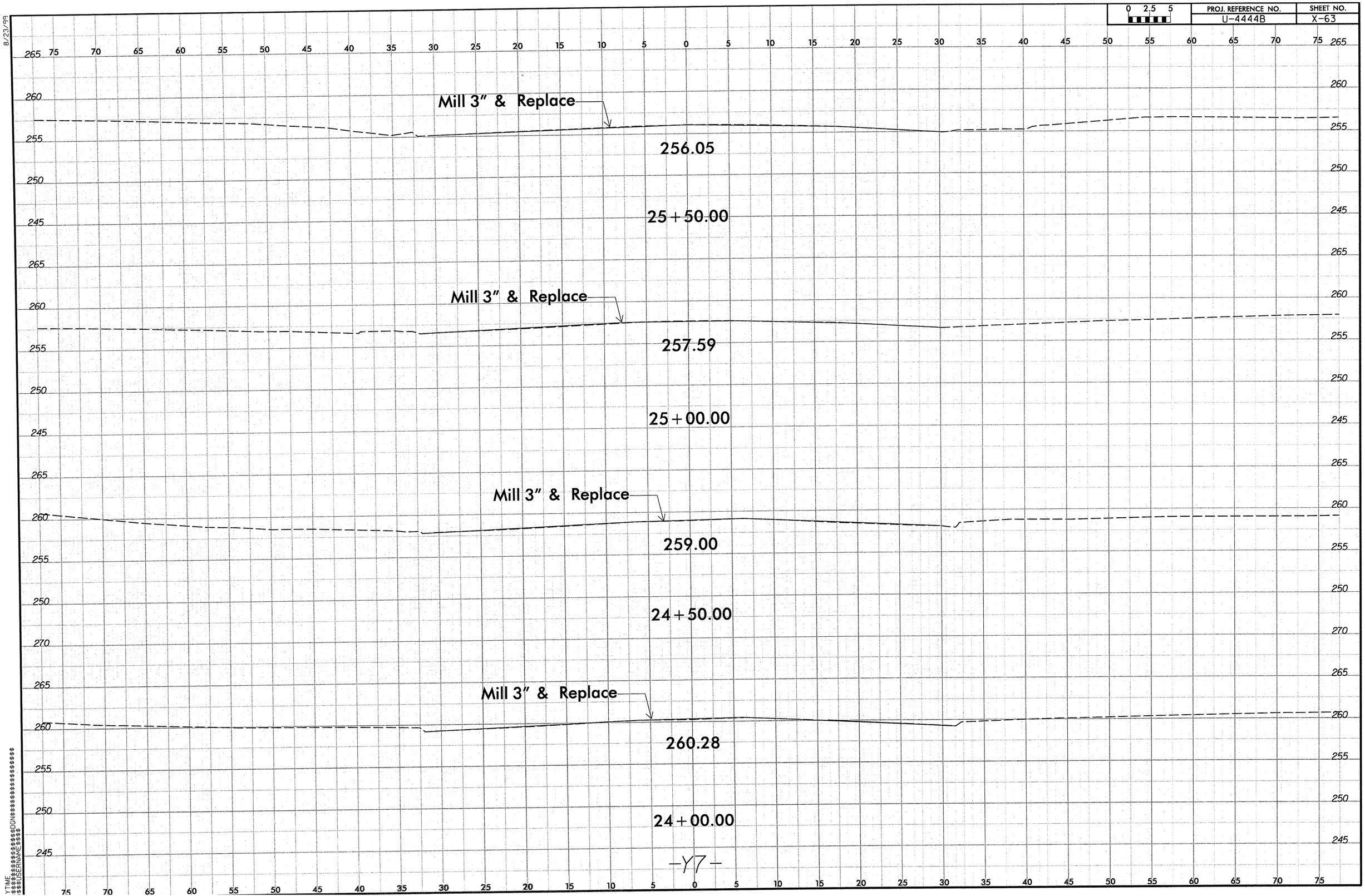
8/23/99



0 2.5 5
PROJ. REFERENCE NO.
U-4444B
SHEET NO.
X-62
8/23/99
Mill 3" & Replace
261.47
23+50.00
Mill 3" & Replace
262.60
23+00.00
Mill 3" & Replace
263.71
22+50.00
Mill 3" & Replace
264.78
22+00.00
-Y7-

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-63



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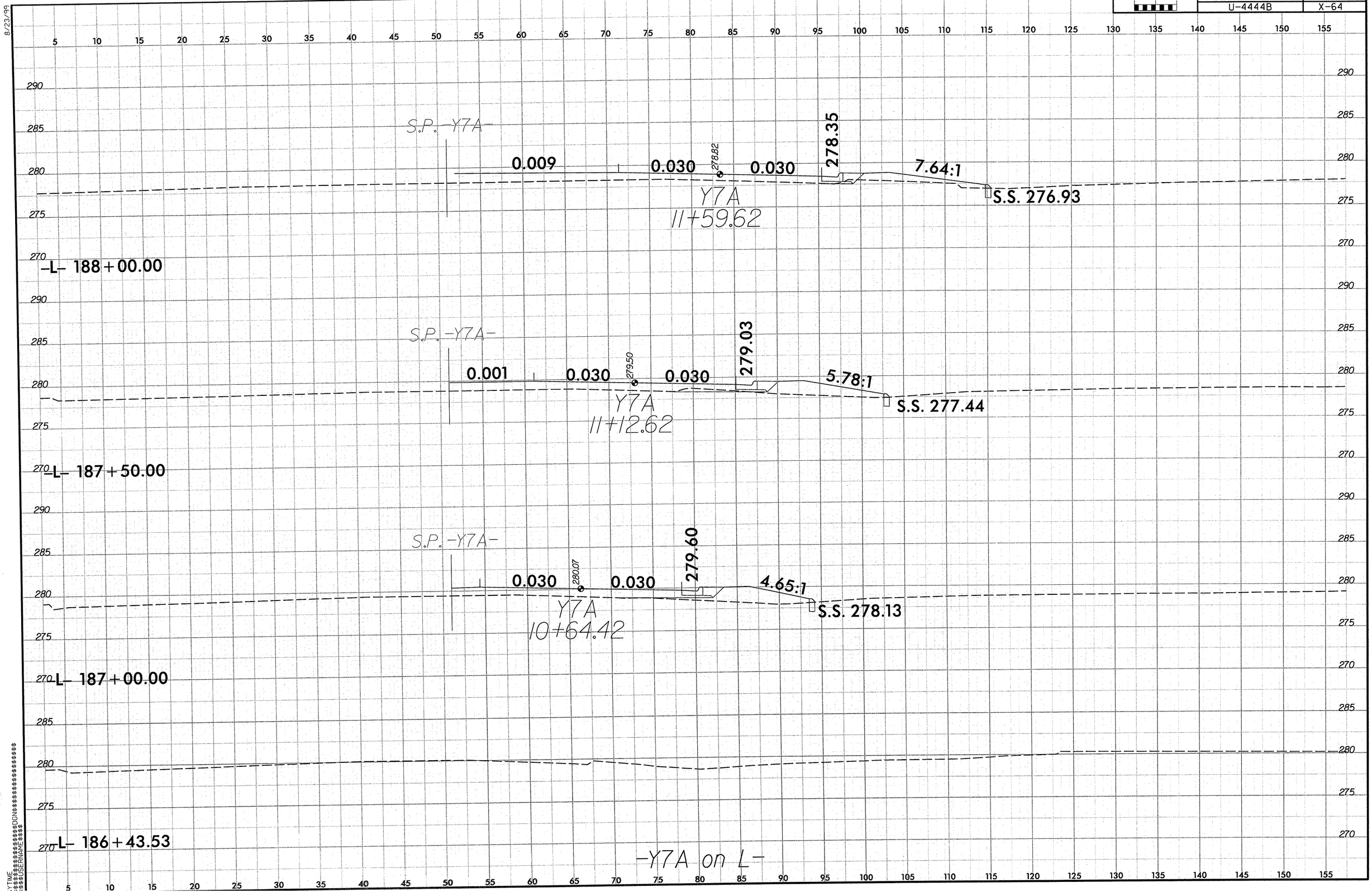
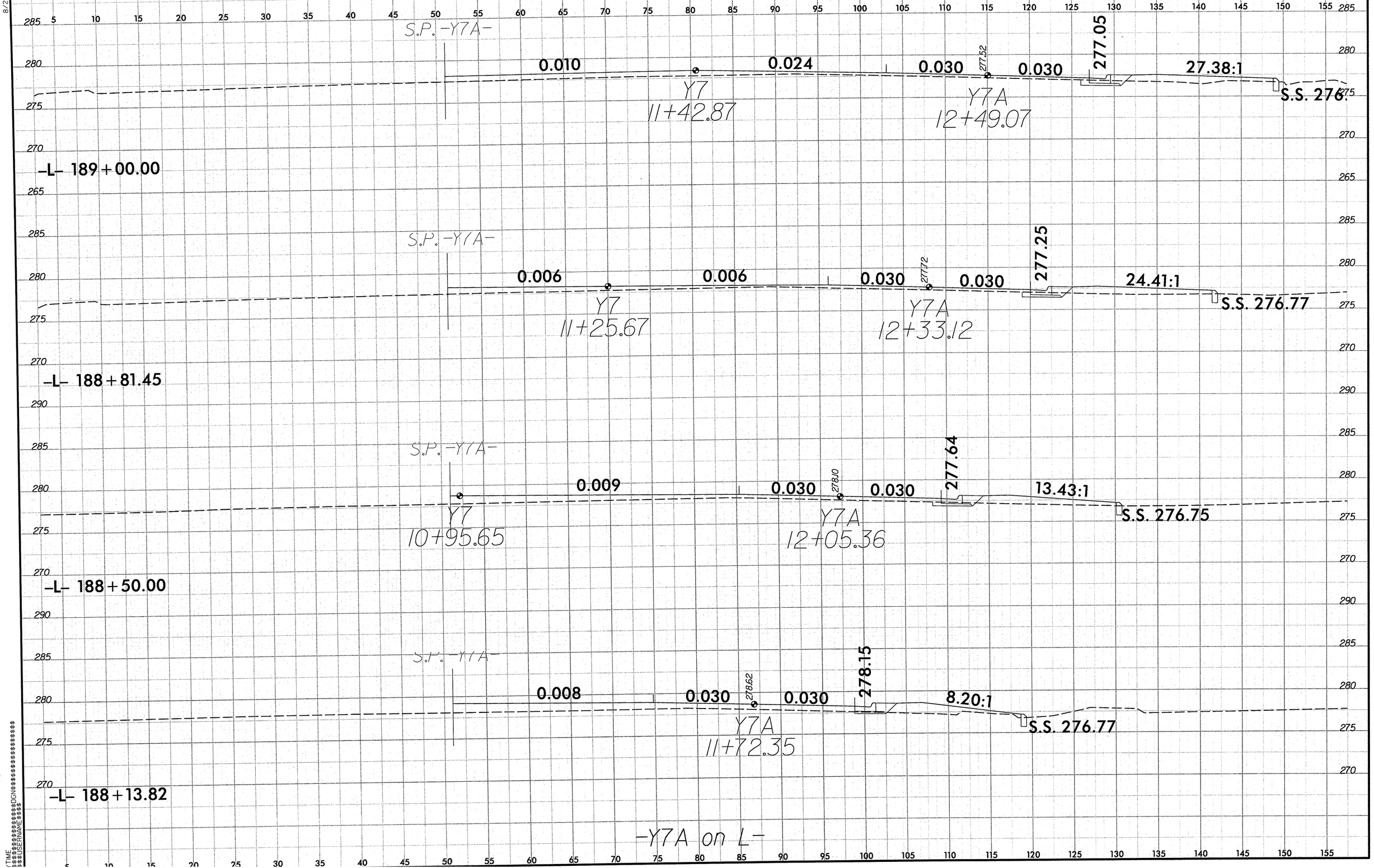
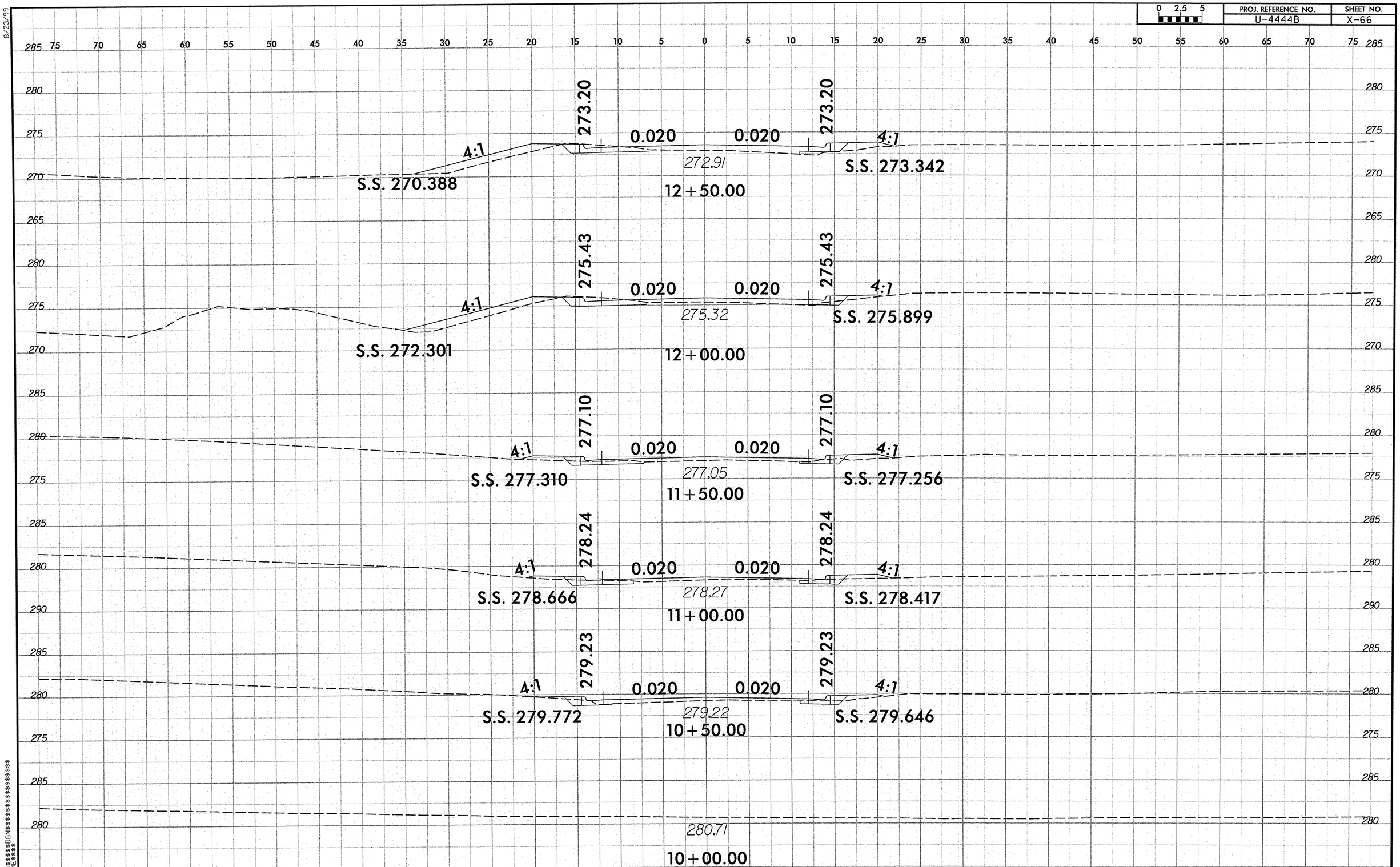
	U-4444B	X-64



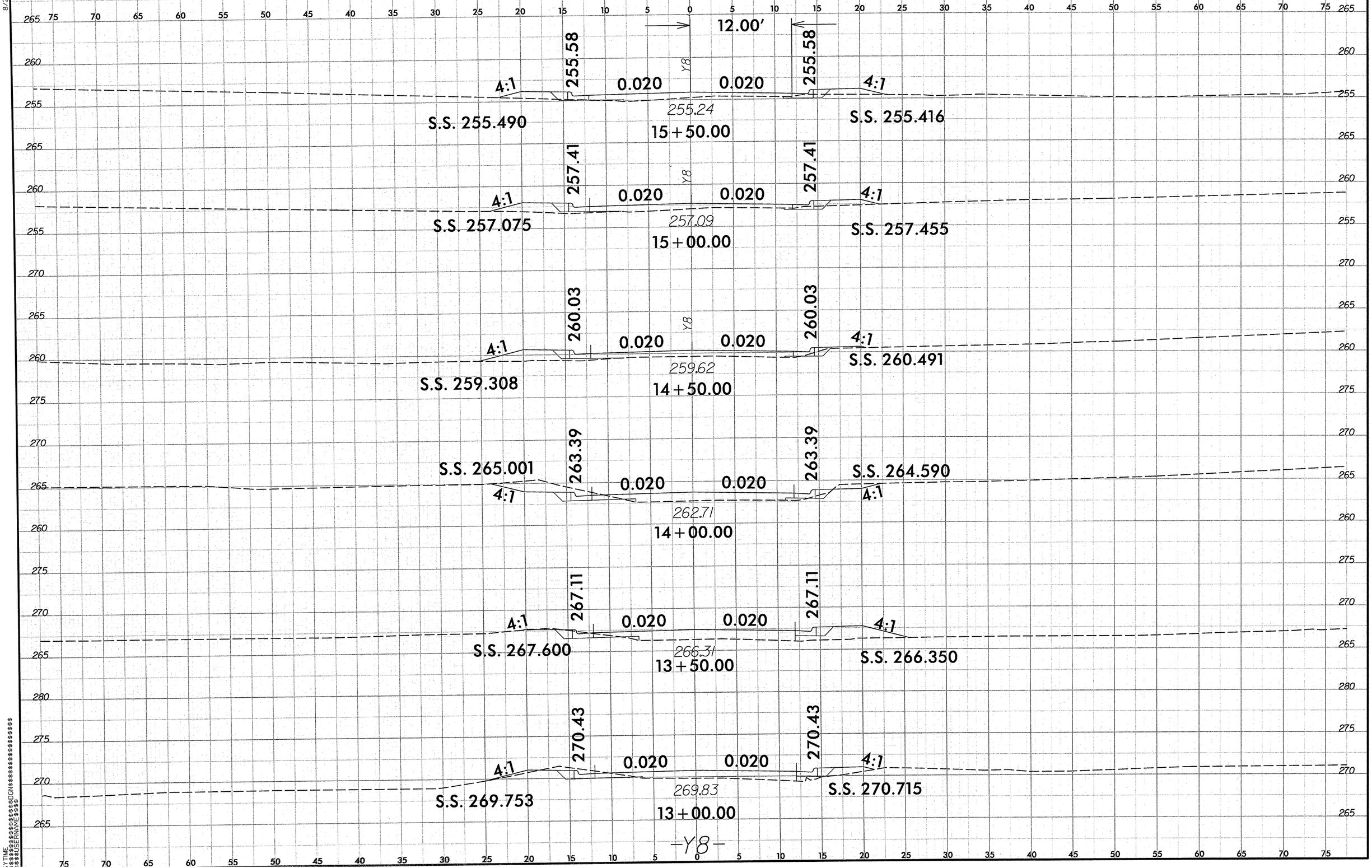


0 2.5 5
PROJ. REFERENCE NO.
U-4444B
SHEET NO.
X-65
8/23/99
S.P. -Y7A-
0.010
0.024
0.030
277.52
0.030
277.05
27.38:1
Y7
11+42.87
Y7A
12+49.07
S.S. 276.
-L- 189+00.00
S.P. -Y7A-
0.006
0.006
0.030
277.72
0.030
277.25
24.41:1
Y7
11+25.67
Y7A
12+33.12
S.S. 276.77
-L- 188+81.45
S.P. -Y7A-
0.009
0.030
278.10
0.030
277.64
13.43:1
Y7
10+95.65
Y7A
12+05.36
S.S. 276.75
-L- 188+50.00
S.P. -Y7A-
0.008
0.030
278.62
0.030
278.15
8.20:1
Y7A
11+72.35
S.S. 276.77
-L- 188+13.82
-Y7A on L-



0 2.5 5
PROJ. REFERENCE NO.
U-4444B
SHEET NO.
X-66
8/23/99
273.20
0.020
0.020
273.20
4:1
4:1
272.91
S.S. 270.388
S.S. 273.342
12+50.00
275.43
0.020
0.020
275.43
4:1
4:1
275.32
S.S. 272.301
S.S. 275.899
12+00.00
277.10
0.020
0.020
277.10
4:1
4:1
277.05
S.S. 277.310
S.S. 277.256
11+50.00
278.24
0.020
0.020
278.24
4:1
4:1
278.27
S.S. 278.666
S.S. 278.417
11+00.00
279.23
0.020
0.020
279.23
4:1
4:1
279.22
S.S. 279.772
S.S. 279.646
10+50.00
280.71
10+00.00
-Y8-

PROJ. REFERENCE NO.	SHEET NO.
U-4444B	X-67



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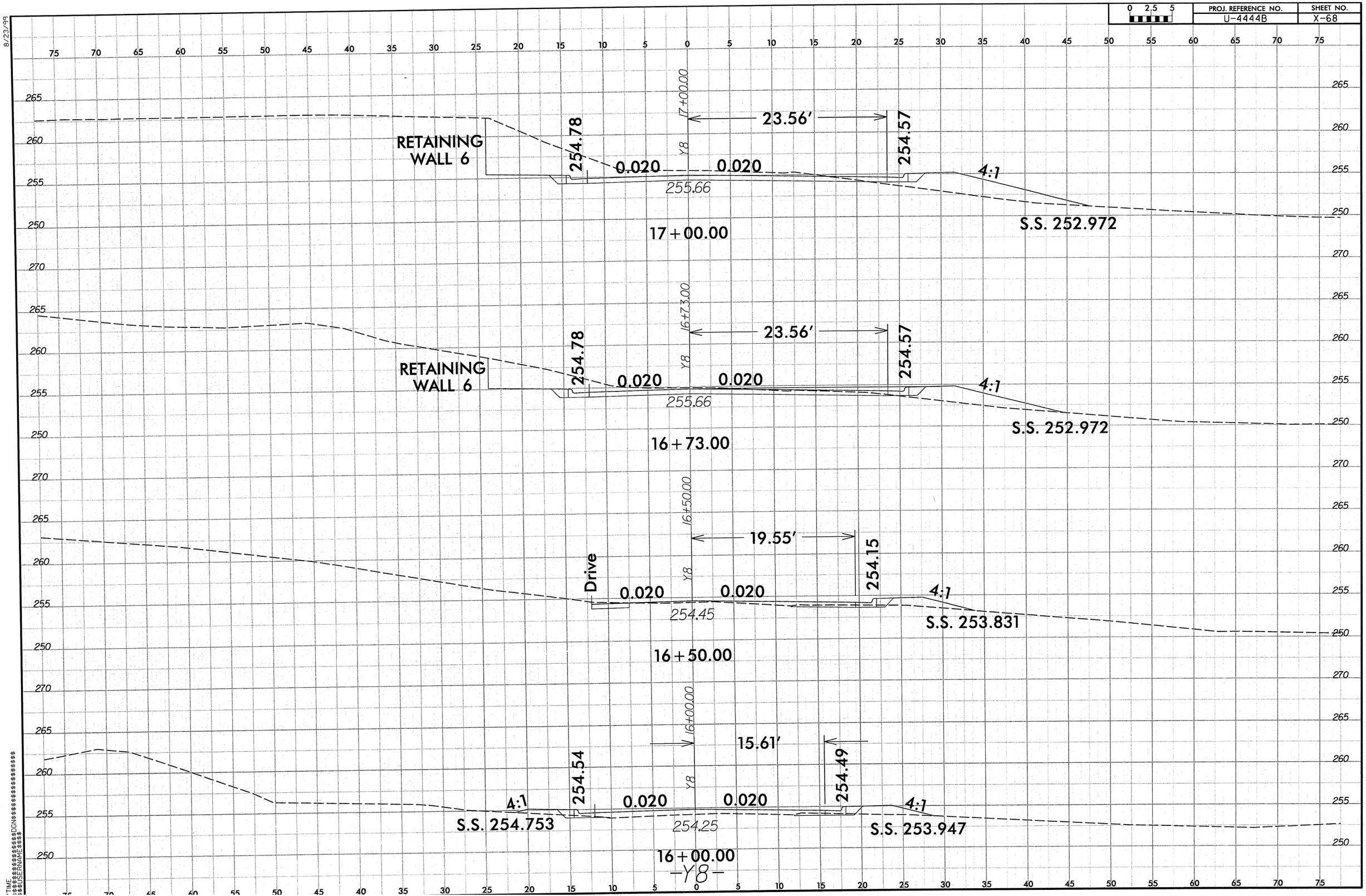
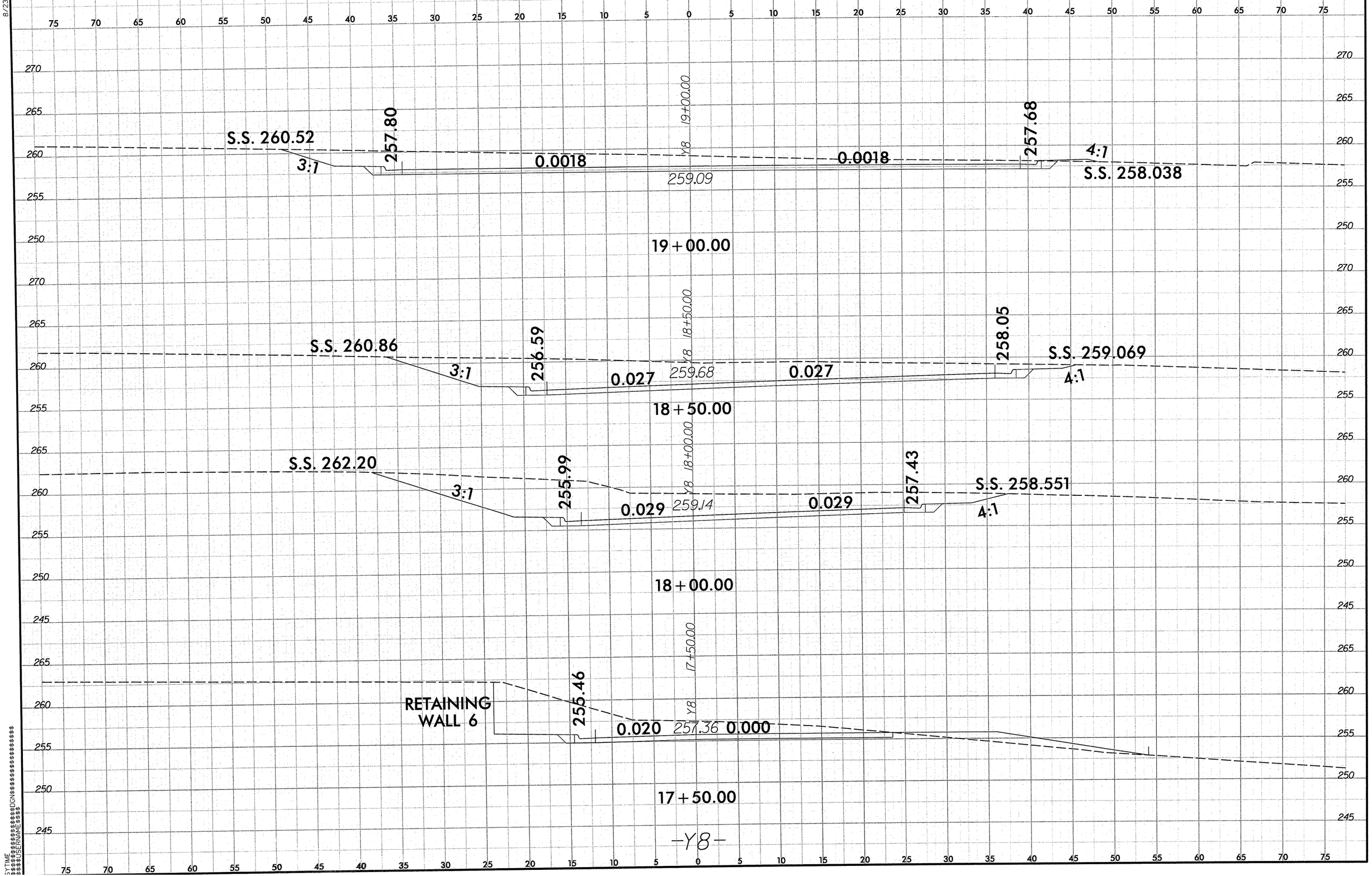
0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-68



8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-69



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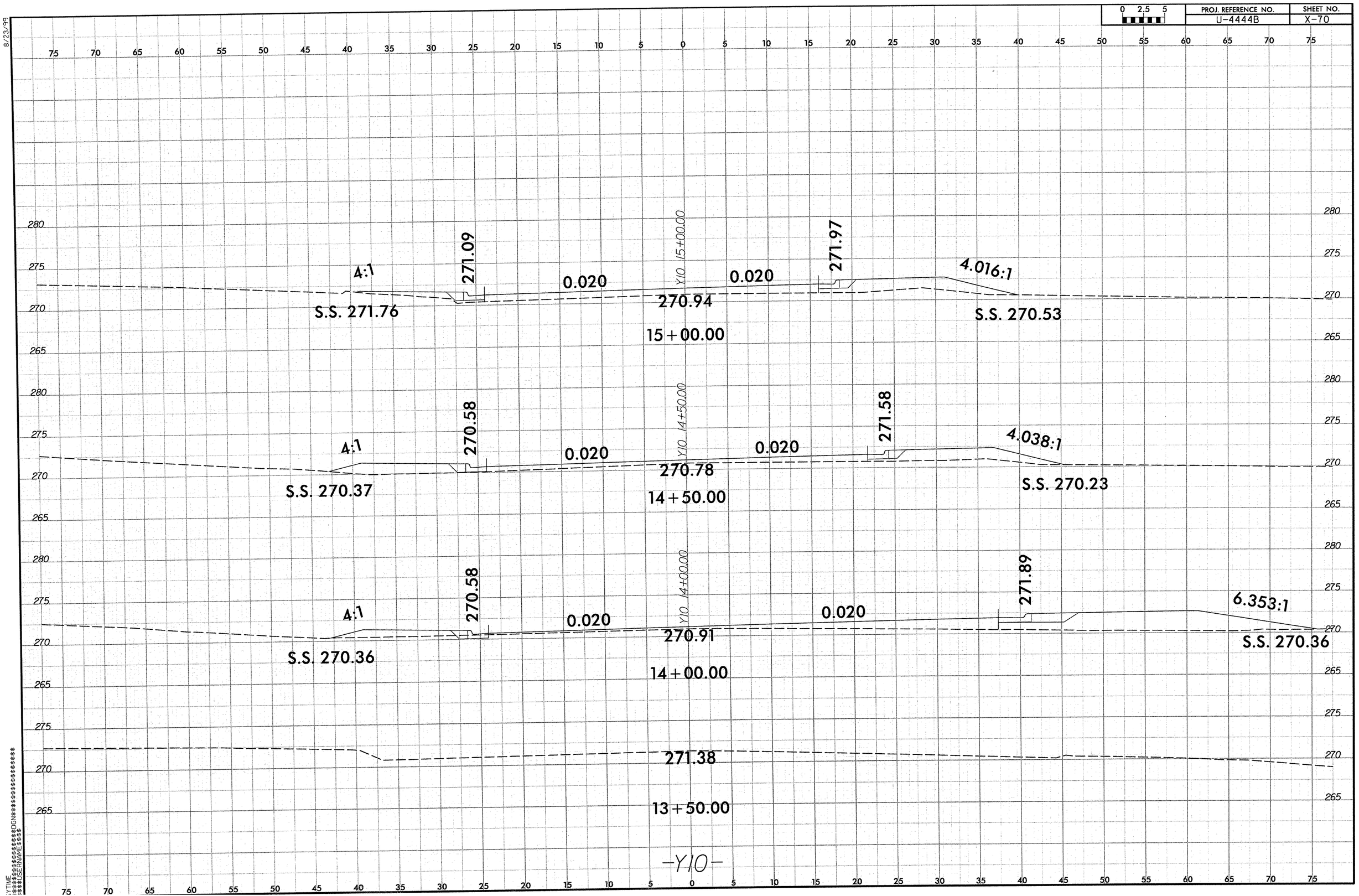
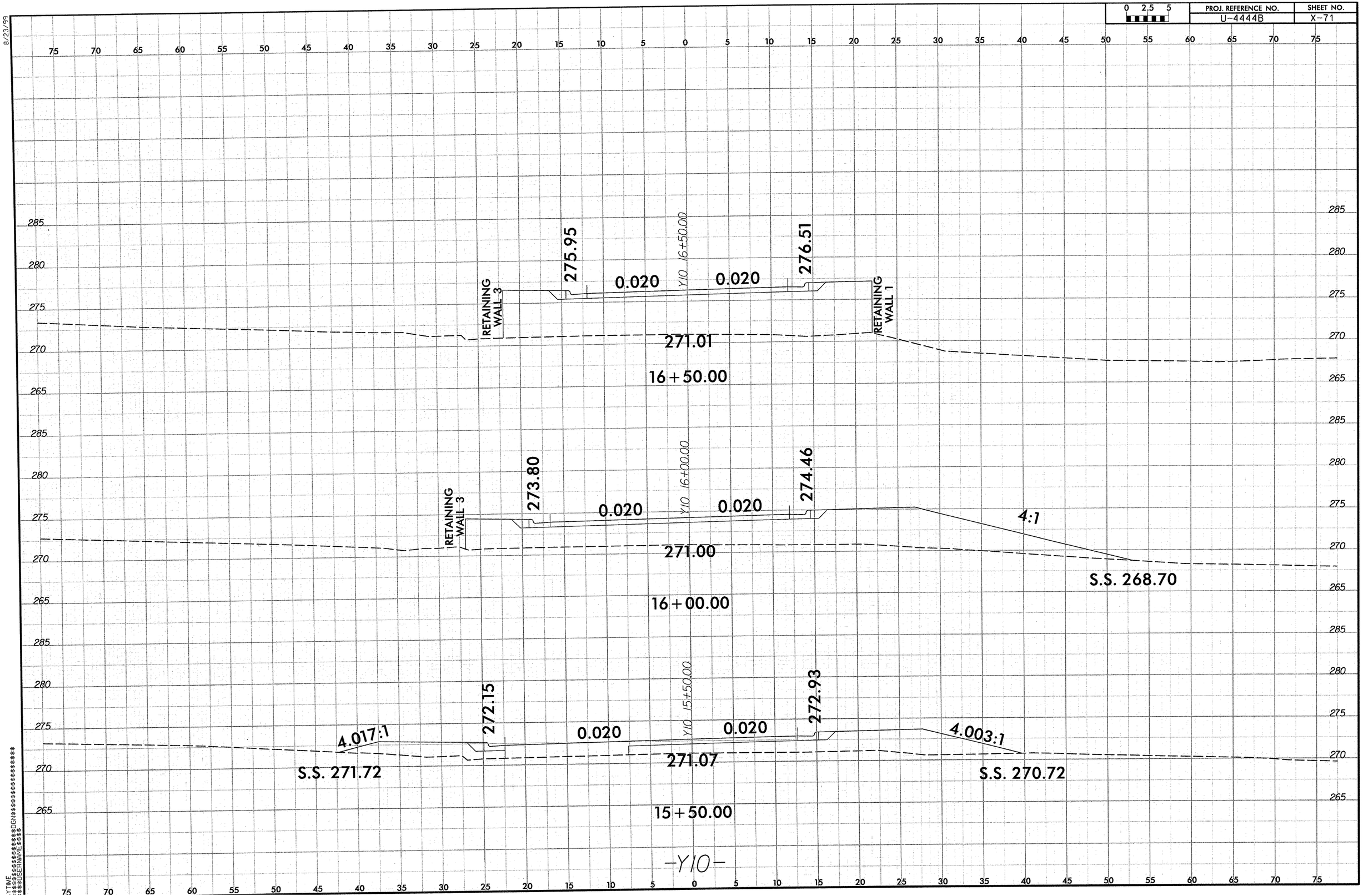
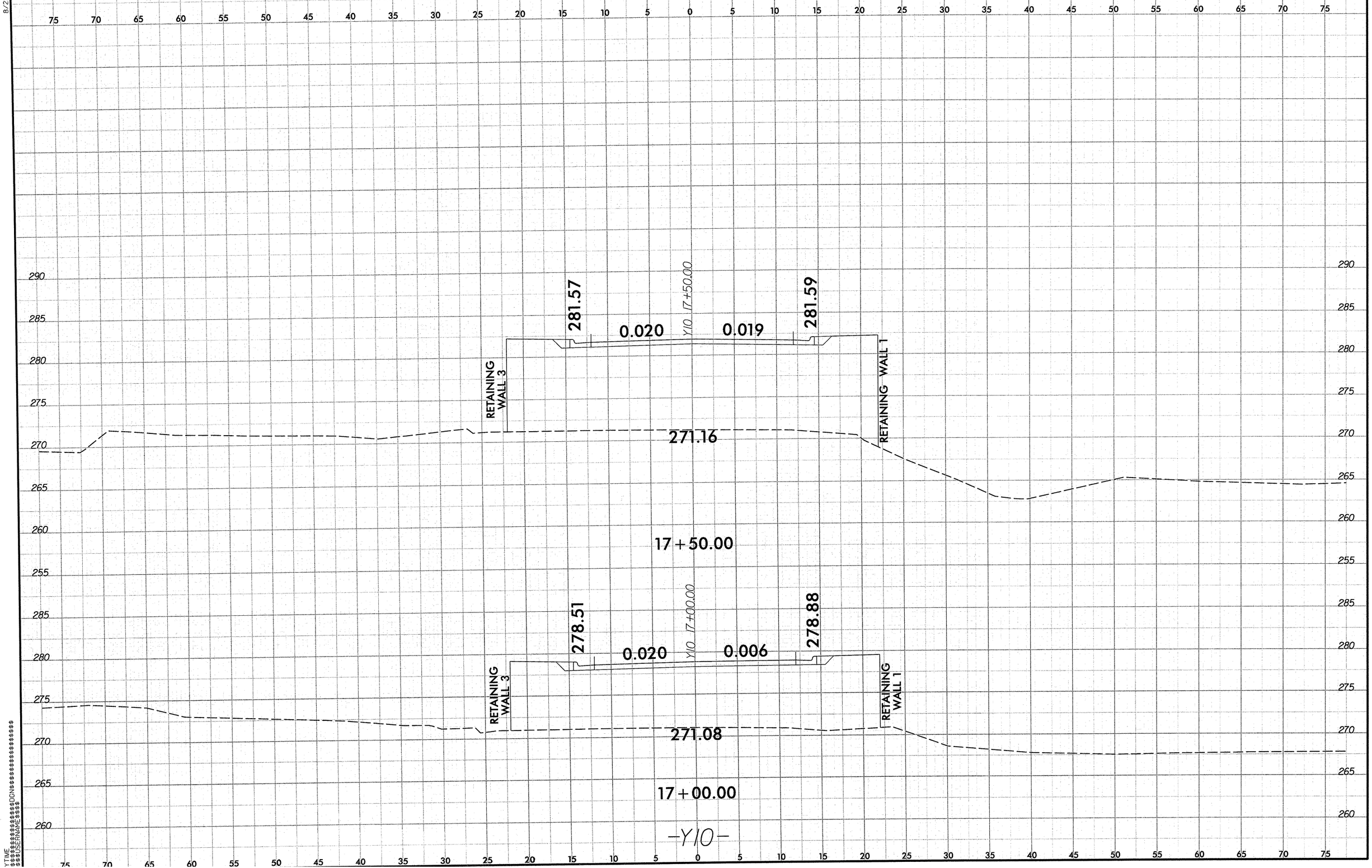


0 2.5 5
PROJ. REFERENCE NO.
U-4444B
SHEET NO.
X-70
8/23/99
4:1
271.09
0.020
Y10 15+00.00
0.020
271.97
4.016:1
S.S. 271.76
270.94
15+00.00
S.S. 270.53
4:1
270.58
0.020
Y10 14+50.00
0.020
271.58
4.038:1
S.S. 270.37
270.78
14+50.00
S.S. 270.23
4:1
270.58
0.020
Y10 14+00.00
0.020
271.89
6.353:1
S.S. 270.36
270.91
14+00.00
S.S. 270.36
271.38
13+50.00
-Y10-

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-71

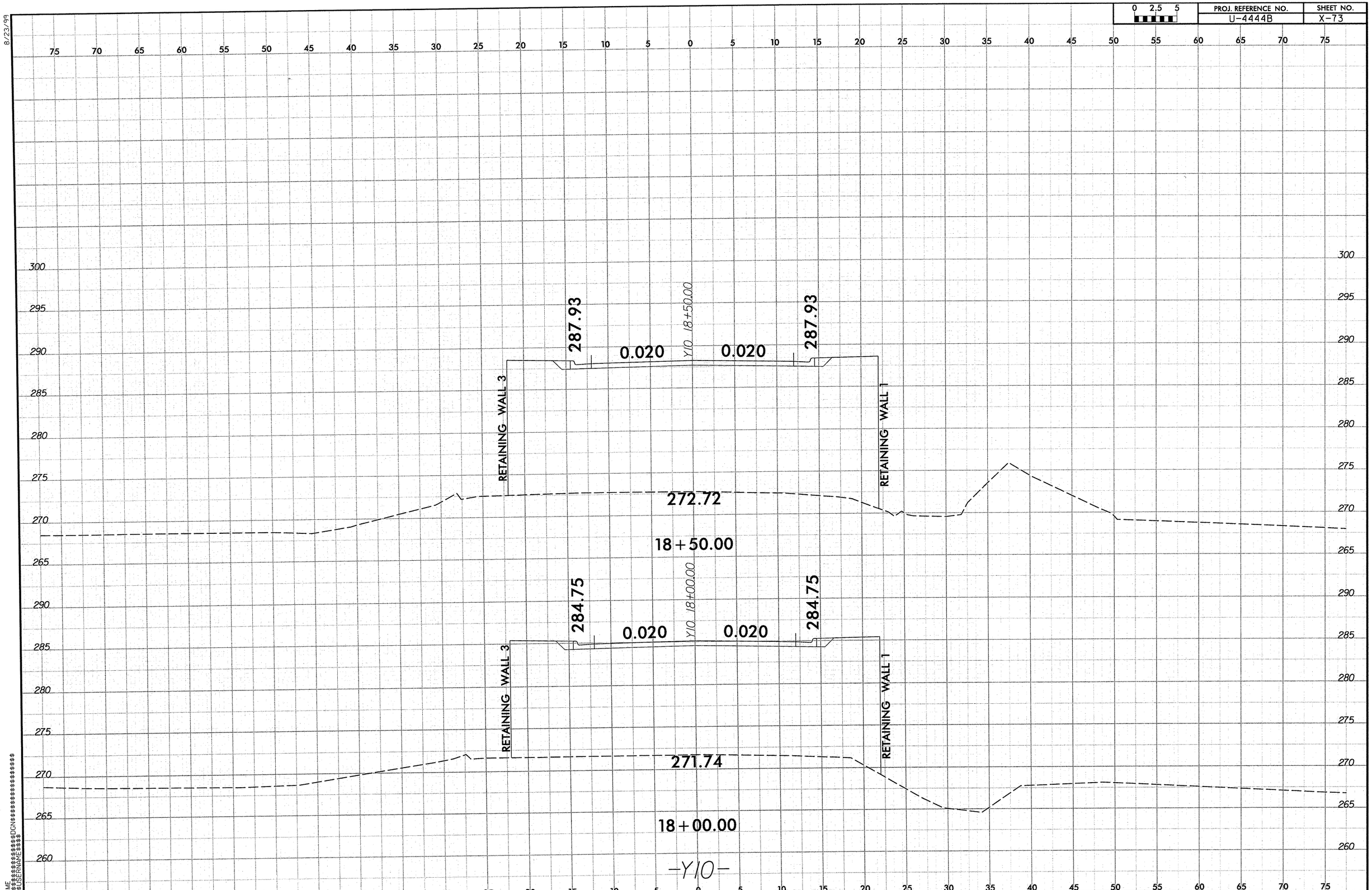


8/23/99



0 2.5 5
PROJ. REFERENCE NO.
U-4444B
SHEET NO.
X-72
8/23/99
281.57
0.020
Y10 17+50.00
0.019
281.59
RETAINING WALL 3
RETAINING WALL 1
271.16
17+50.00
278.51
0.020
Y10 17+00.00
0.006
278.88
RETAINING WALL 3
RETAINING WALL 1
271.08
17+00.00
-Y10-

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-73



8/23/99

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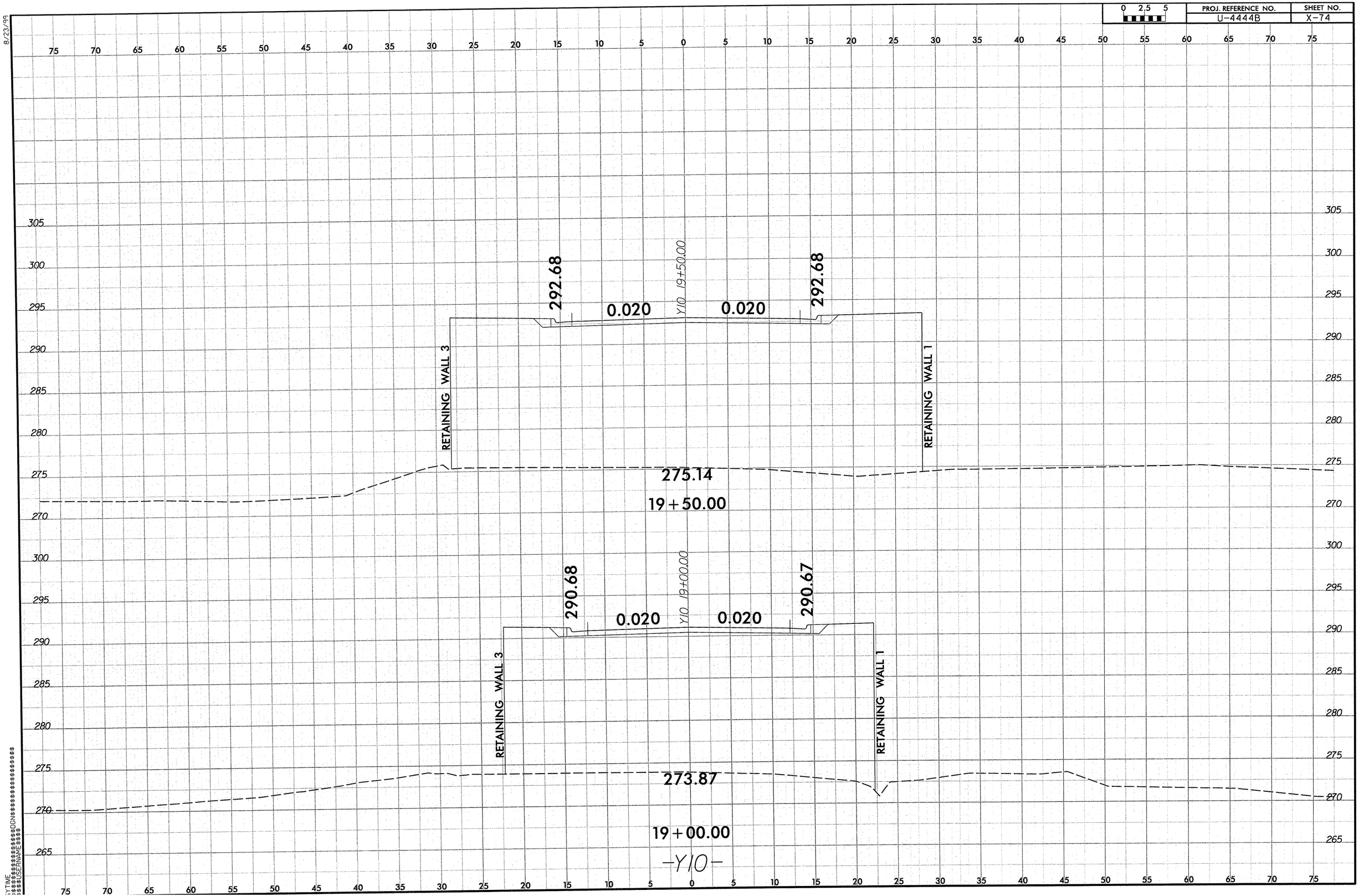
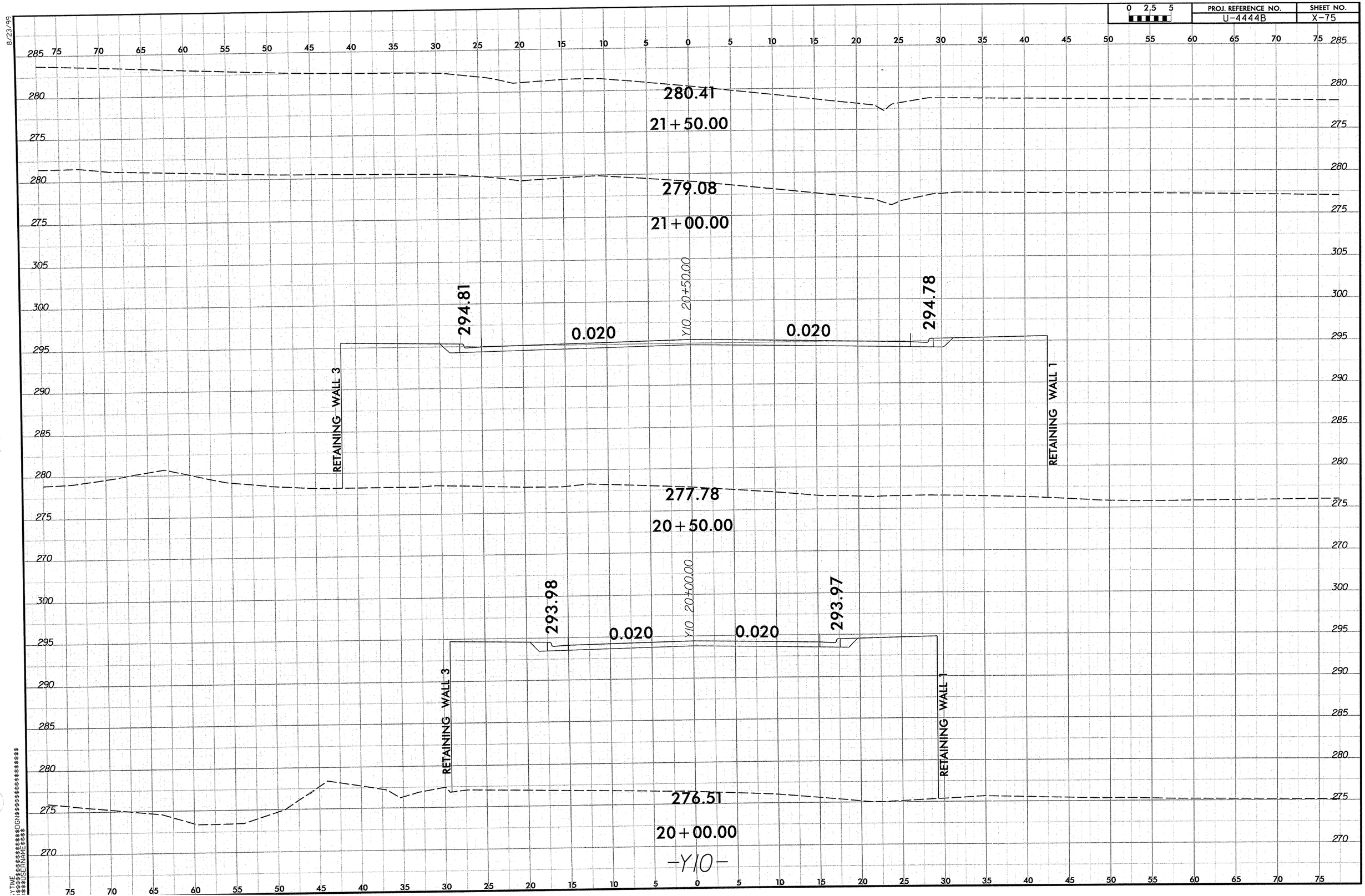
	U-4444B	X-74

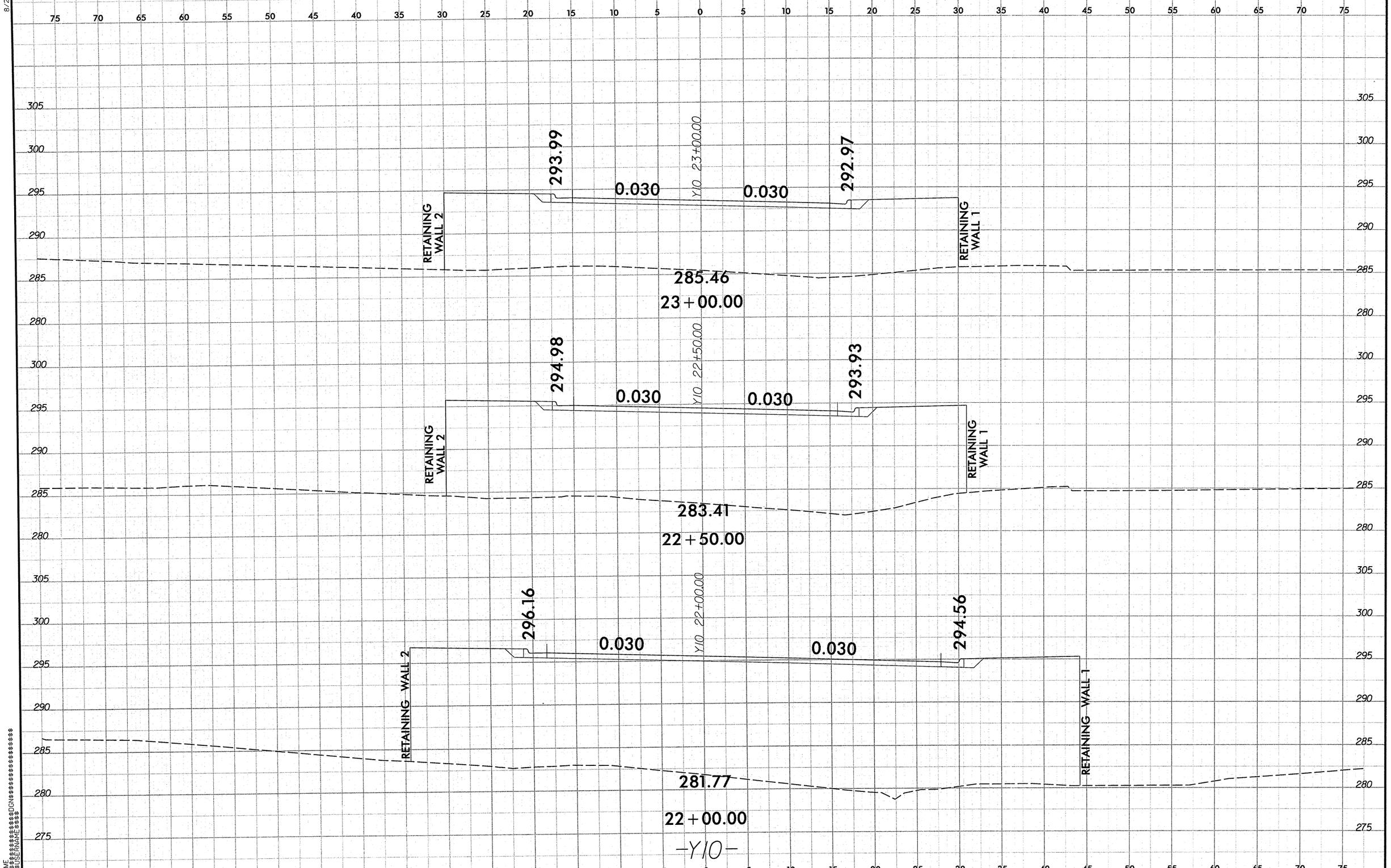


8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-75



8/23/99



0 2.5 5
PROJ. REFERENCE NO.
U-4444B
SHEET NO.
X-76
8/23/99
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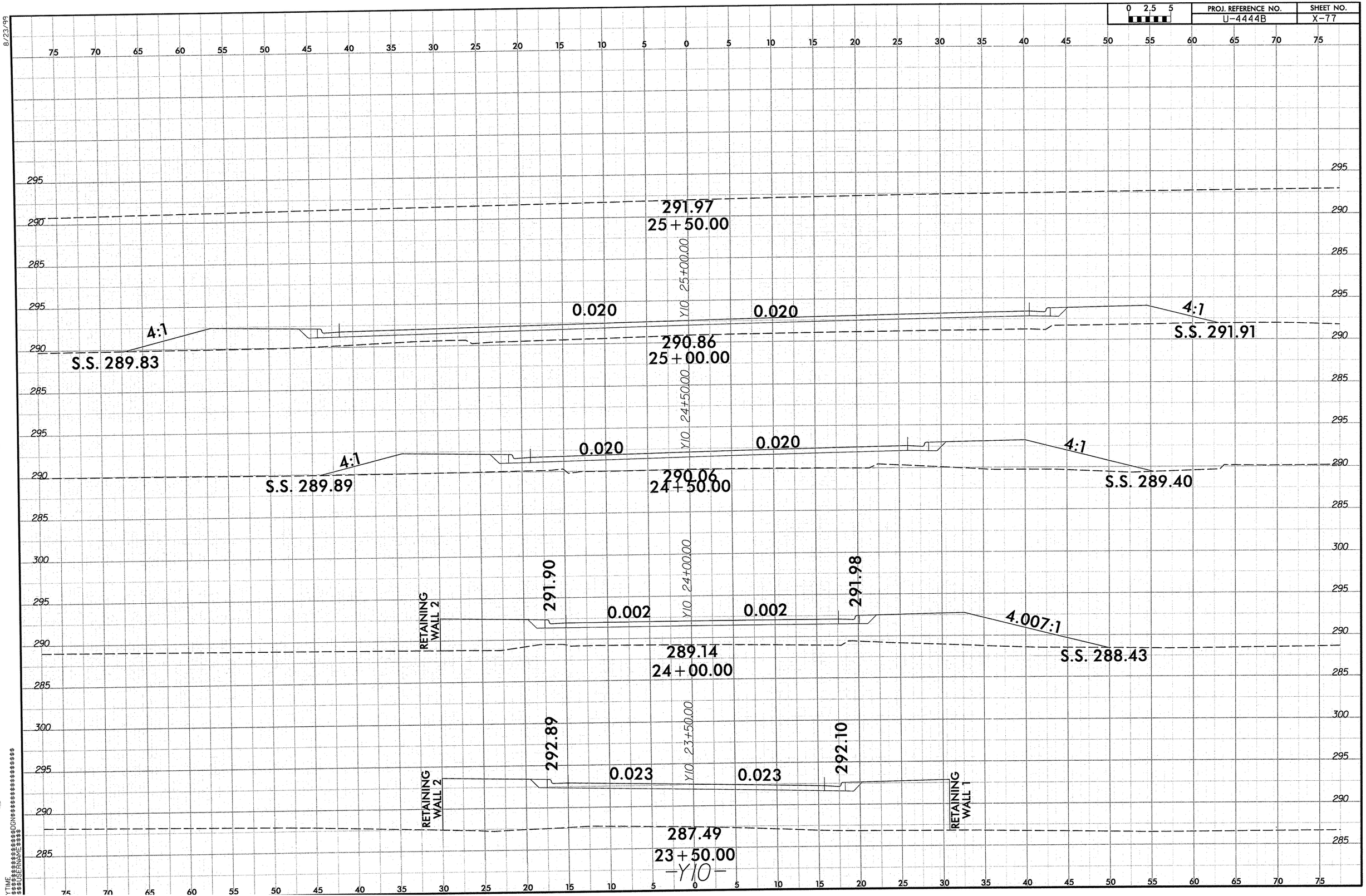
292.97
0.030
0.030
Y10 23+00.00
RETAINING WALL 2
RETAINING WALL 1
285.46
23+00.00
294.98
293.93
0.030
0.030
Y10 22+50.00
RETAINING WALL 2
RETAINING WALL 1
283.41
22+50.00
296.16
294.56
0.030
0.030
Y10 22+00.00
RETAINING WALL 2
RETAINING WALL 1
281.77
22+00.00
-Y10-

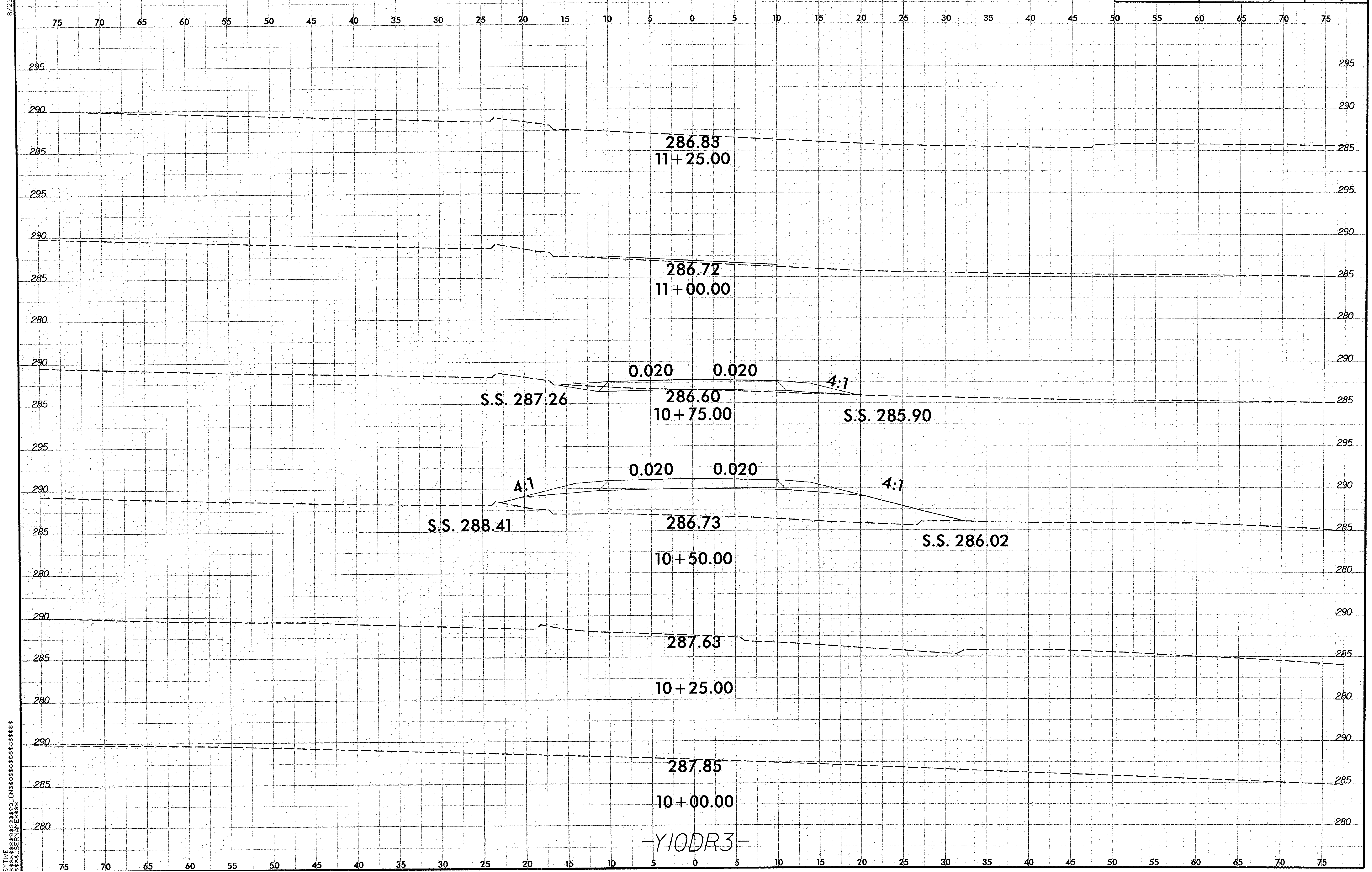
0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-77



8/23/99

8/23/99

PROJ. REFERENCE NO.	SHEET NO.
U-4444B	X-78



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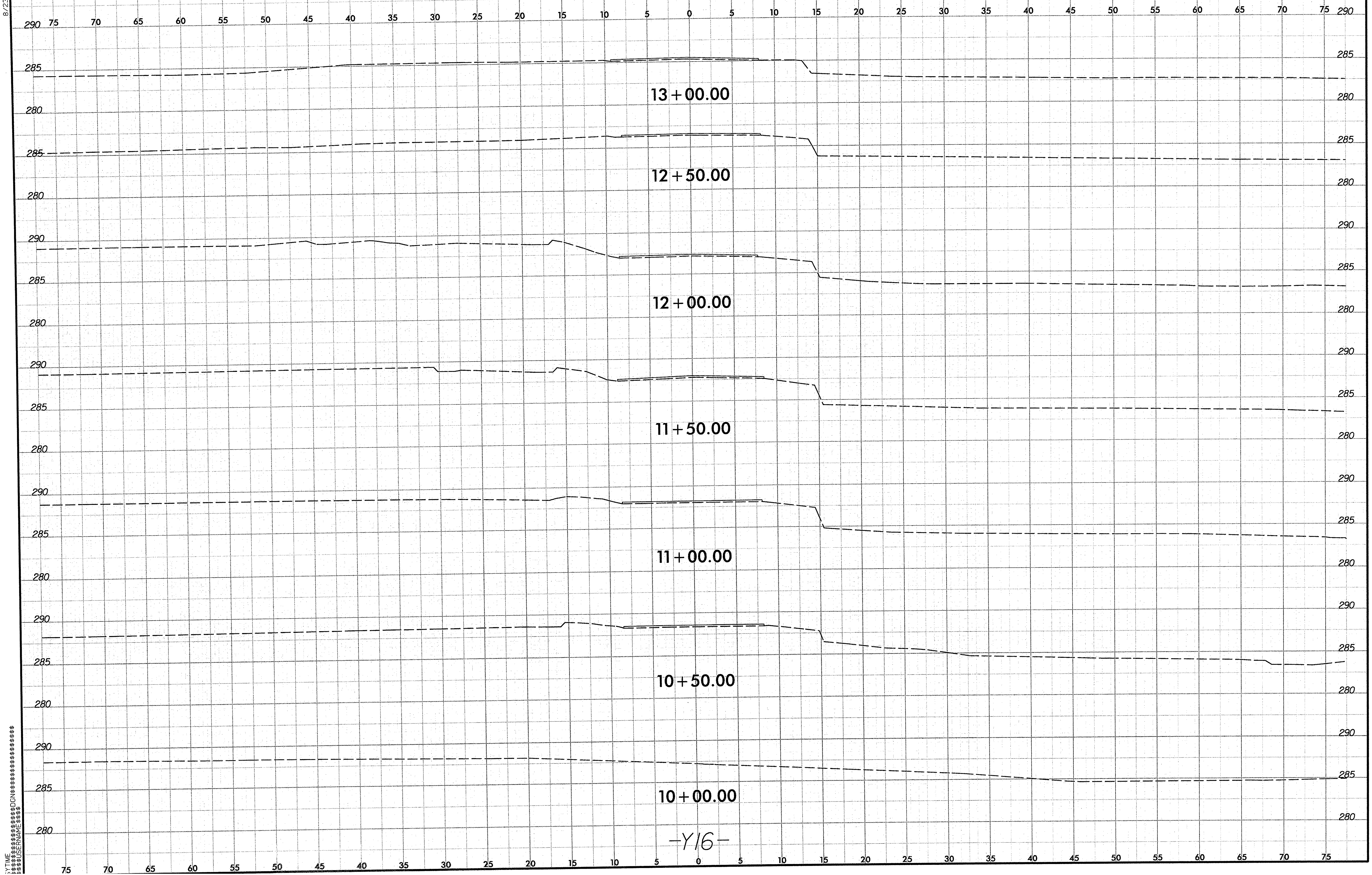
$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

PROJ. REFERENCE NO.	SHEET NO.
U-4444B	X-79

0 2.5 5

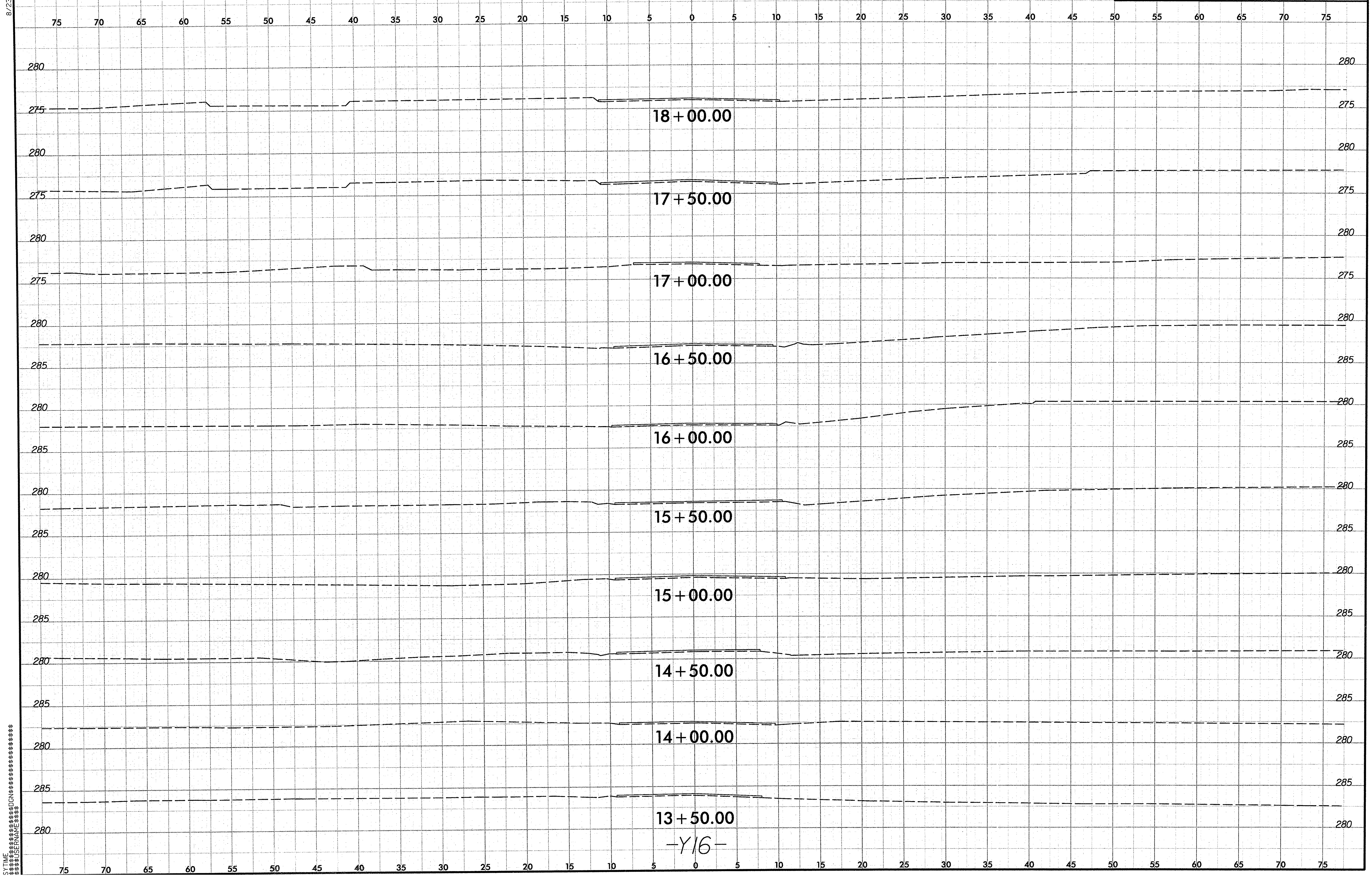
8/23/99



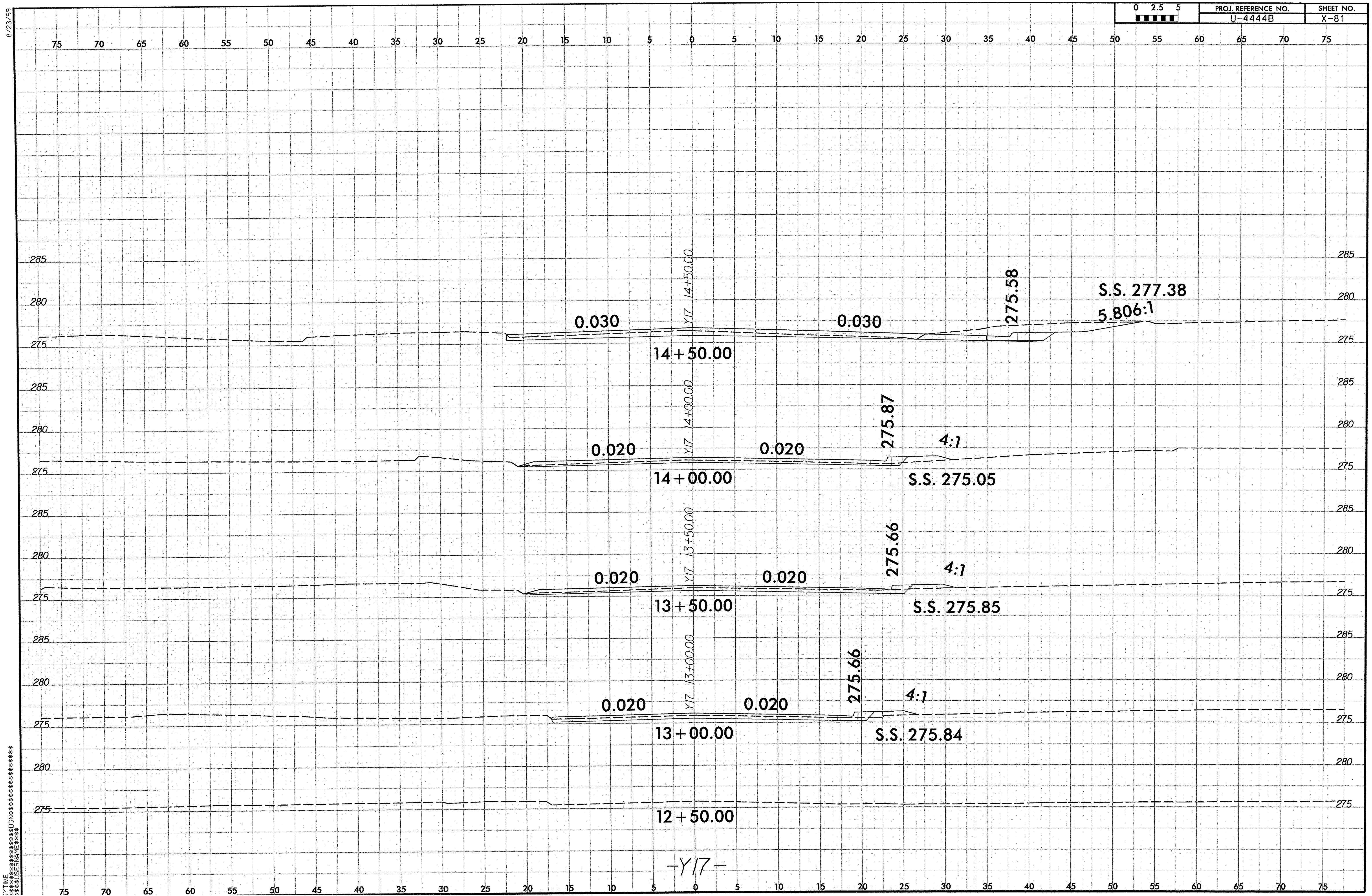
$$$$SYTIME$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$$USERNAME$$$$

8/23/99

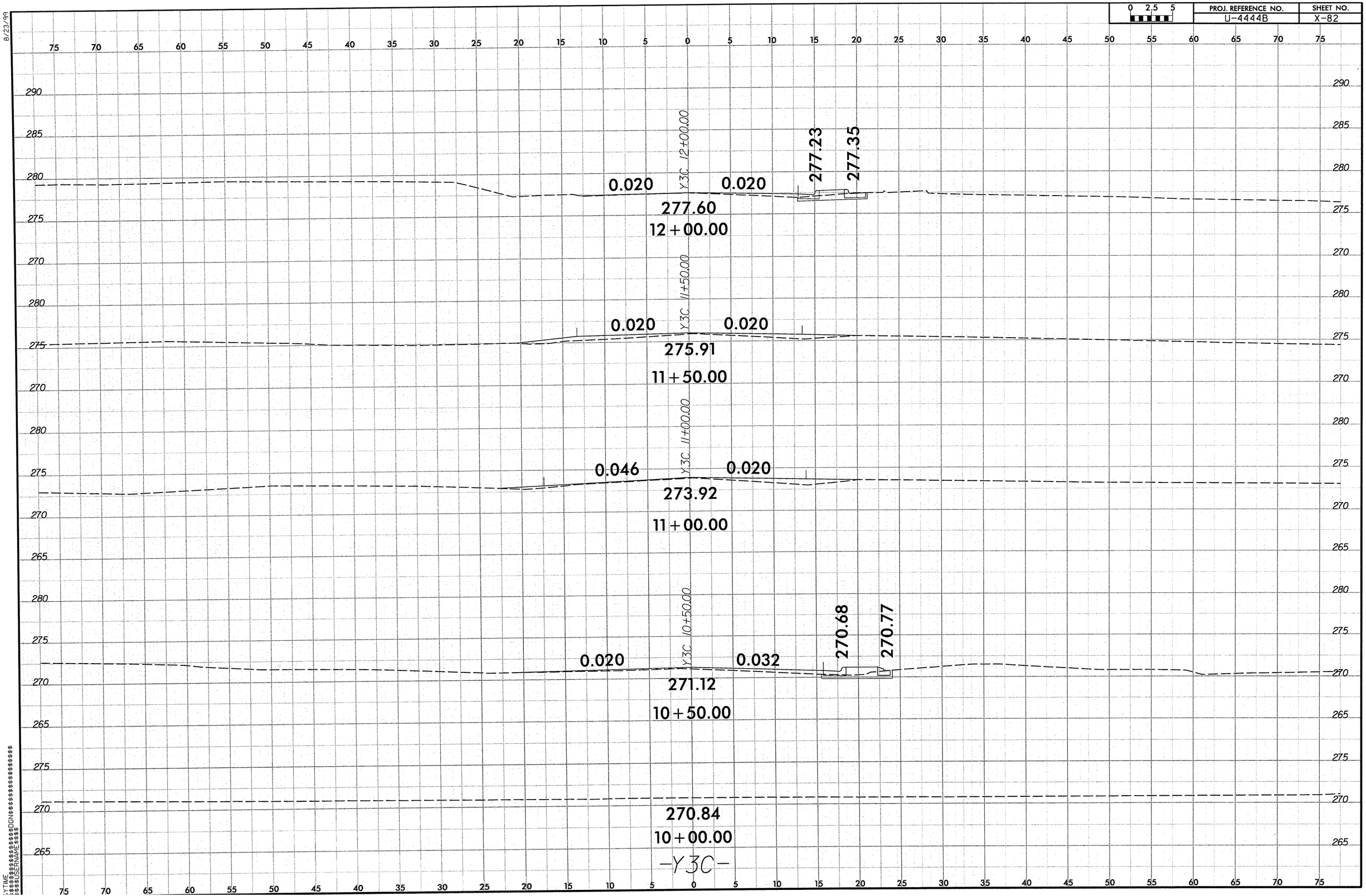
0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	U-4444B	X-80



$$$$$$$$SYTIME$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$USERNAME$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$



PROJ. REFERENCE NO.
U-4444B
SHEET NO.
X-81
0 2.5 5
8/23/99
Y17 14+50.00
0.030
0.030
275.58
S.S. 277.38
5.806:1
14+50.00
Y17 14+00.00
0.020
0.020
275.87
4:1
14+00.00
S.S. 275.05
Y17 13+50.00
0.020
0.020
275.66
4:1
13+50.00
S.S. 275.85
Y17 13+00.00
0.020
0.020
275.66
4:1
13+00.00
S.S. 275.84
12+50.00
-Y17-



0 2.5 5
PROJ. REFERENCE NO.
U-4444B
SHEET NO.
X-82
8/23/99
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0.020
277.23
277.35
277.60
12+00.00
Y3C 12+00.00
0.020
0.020
275.91
11+50.00
Y3C 11+50.00
0.046
0.020
273.92
11+00.00
Y3C 11+00.00
0.020
0.032
270.68
270.77
271.12
10+50.00
Y3C 10+50.00
270.84
10+00.00
-Y3C-

LOCHNER
H. W. LOCHNER, INC.
2840 PLAZA PLACE, SUITE 202
RALEIGH, NC 27612
NC License Number F-0159

PROJECT REFERENCE NO.	SHEET NO.
U-4444AB	X-A

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION INDEX SUMMARY

LOCATION	BEGIN STATION	END STATION	PAGE NO.
-L- LT	107+00.00	169+50.00	1 - 27
-L- RT	107+00.00	169+50.00	28 - 53
-Y3-	10+00.00	32+50.00	54 - 66
-Y4-	15+50.00	37+00.00	67 - 75
-Y4A&Y4B-	10+00.00	18+00.00	76 - 79
-Y4SRREV-	10+00.00	25+35.48	80 - 87
-Y5-	11+00.00	15+50.00	88 - 90
-Y6-	11+50.00	24+00.00	91 - 96
-Y3RPA-	19+00.00	29+50.00	97 - 104
-Y3RPD_M-	13+00.00	16+00.00	105 - 106
-Y3LPD-	13+00.00	23+50.00	107 - 113
-Y3RPB-TIE-	10+00.00	15+00.00	114 - 115

UNDERCUT EXCAVATION

Note: Quantities are approximate only. The Resident Engineer will re-cross-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.

5/28/99
08-AUG-2012 14:42
R:\Roadway\Xsc\XPL\U4444AB_RDY_INDEX.dgn
$$$$USERNAME$$$$

PROJ. REFERENCE NO.	SHEET NO.
U-4444AB	X-B

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

Station L-RT	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
107+00.00	0	0
107+50.00	26	199
108+00.00	35	217
108+50.00	40	167
109+00.00	32	128
109+50.00	19	168
110+00.00	10	176
110+50.00	4	131
111+00.00	9	90
112+00.00	105	140
112+50.00	120	53
113+00.00	150	47
113+50.00	113	46
114+00.00	55	68
114+50.00	24	137
115+00.00	7	277
115+50.00	0	390
116+00.00	0	371
116+50.00	0	196
117+00.00	44	89
118+00.00	88	964
118+50.00	0	1044
119+00.00	0	1532
119+50.00	0	2009
120+00.00	0	2331
120+50.00	0	2548
121+00.00	0	2612
121+50.00	0	2448
122+00.00	0	2024
122+50.00	0	1668
123+00.00	0	1414
123+50.00	0	1003
124+00.00	9	573
124+50.00	197	315
125+00.00	642	221

Station L-RT	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
125+00.00	0	0
125+18.18	360	69
125+50.00	770	113
126+00.00	1397	156
126+50.00	1337	147
127+00.00	1081	152
127+50.00	705	146
128+00.00	307	141
128+18.18	30	62
128+50.00	14	171
129+00.00	19	485
129+50.00	11	753
130+00.00	1	985
130+50.00	0	1368

Station L-RT	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
131+00.00	0	1627
131+50.00	0	1558
132+00.00	0	1346
132+50.00	0	1256
133+00.00	17	957
133+50.00	55	339
134+00.00	38	423
134+50.00	0	888
135+00.00	0	981
135+50.00	0	848
136+00.00	0	759
136+50.00	0	748
137+00.00	0	727
137+50.00	26	434
138+00.00	39	136
138+50.00	26	94
139+00.00	33	51
139+50.00	46	42
140+00.00	52	36
140+50.00	45	35
141+00.00	238	37
141+50.00	344	48
142+00.00	202	65
142+50.00	112	73
143+00.00	61	79
143+50.00	37	95
144+00.00	18	102
144+50.00	8	99
145+00.00	4	100
145+50.00	4	96
146+00.00	1	126
146+50.00	32	107
147+00.00	56	51
147+50.00	41	45
148+00.00	31	54
148+50.00	16	79
149+00.00	2	126
149+50.00	0	204
150+00.00	0	284
150+50.00	0	352
151+00.00	0	374
151+50.00	0	331

Station Y3	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
10+00.00	0	0
10+50.00	0	14841

Station Y3Lpd	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
13+00.00	0	0
13+50.00	10	297
14+00.00	190	93
14+50.00	659	0
15+00.00	1876	0
15+50.00	2809	0
16+00.00	2705	0
16+50.00	2337	0
17+00.00	1619	0
17+50.00	696	9
18+00.00	121	498
18+50.00	0	2159
19+00.00	0	4441
19+50.00	0	6362
20+00.00	0	8019
20+50.00	0	9622
21+00.00	0	11107
21+50.00	0	12415
22+00.00	0	13525
22+50.00	0	14630
23+00.00	0	15688
23+50.00	0	16370

Station Y3Rpd_M	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
13+50.00	0	0
14+00.00	742	0
14+50.00	833	0
15+00.00	1052	0
15+50.00	1342	0
16+00.00	1649	0

Station Y3	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
13+00.00	0	0
13+50.00	0	6962
13+66.85	0	1941
14+00.00	0	3320
14+16.62	0	1333
14+50.00	0	2068
15+00.00	0	2052
15+54.35	0	1397
16+00.00	0	1151
16+50.00	0	1456
17+00.00	0	1676
17+35.74	20	1349
17+50.00	15	521

Station L/Y3RPB	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
125+00.00	0	0
125+18.18	84	27
125+50.00	196	37
126+00.00	463	30
126+50.00	539	9
127+00.00	528	2
127+50.00	555	0
128+00.00	484	0
128+18.18	147	0
128+50.00	227	1
129+00.00	258	52
129+50.00	220	163
130+00.00	155	229
130+50.00	42	463
131+00.00	2	1183
131+50.00	16	1890
132+00.00	38	2208

Station L/Y3RPA	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
144+00.00	0	0
144+50.00	883	47
145+00.00	569	207
145+50.00	348	442
146+00.00	163	695
146+50.00	65	605
147+00.00	107	198
147+50.00	107	63
148+00.00	19	1040

Station Y3Rpa	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
19+00.00	0	0
19+50.00	1870	15
20+00.00	1570	0
20+50.00	1455	0
21+00.00	1015	1
21+50.00	558	31
22+00.00	332	250
22+50.00	296	637
23+00.00	283	979
23+50.00	267	1320
24+00.00	257	1678
24+50.00	130	1584
24+65.25	0	400
25+00.00	0	894
25+50.00	0	1311
26+00.00	0	1353
26+50.00	0	1247
27+00.00	0	1134
27+19.12	0	432

Station Y3Rpa	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
27+50.00	0	687
28+00.00	0	1036
28+50.00	0	1036
29+00.00	0	956
29+50.00	0	830

Station Y3Rpa/Y3RPAA	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
24+50.00	0	0
24+65.25	35	231
25+00.00	82	540
25+50.00	117	850
26+00.00	108	1080
26+50.00	209	1335
27+00.00	101	1370
27+19.12	0	523
27+50.00	0	905
28+00.00	0	1773
28+50.00	0	2566

Station Y3	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
17+50.00	0	0
17+94.49	36	1679
18+00.00	3	222
18+26.00	15	1091
18+50.00	14	1027
18+84.00	45	1504
19+00.00	31	783
19+50.00	42	2684
19+97.32	0	2541
20+50.00	0	2804
21+00.00	0	2956
21+50.00	0	3128
22+00.00	0	2837
22+50.00	0	2338
23+00.00	0	1808
23+50.00	0	1373
24+00.00	5	1098
24+50.00	13	842
25+00.00	28	614
25+50.00	48	485
25+87.44	35	271
26+00.00	9	65
26+50.00	30	188
27+00.00	38	83
27+27.53	51	6
27+50.00	81	0
28+00.00	272	1
28+50.00	297	9
29+00.00	241	30

Station Y3	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
29+25.12	105	16
29+50.00	102	16
29+85.00	109	27
30+00.00	39	7
30+50.00	164	15
31+00.00	193	10
31+50.00	173	0
32+00.00	76	7
32+50.00	49	7

Station Y4	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
15+50.00	0	0
16+00.00	31	0
16+50.00	40	0
17+00.00	17	0
17+38.35	7	0
17+50.00	2	0
18+00.00	12	0
18+50.00	16	0
19+00.00	21	0
19+50.00	26	0
20+00.00	20	1
20+42.45	13	1
21+00.00	18	7
21+50.00	30	18
22+00.00	45	22
22+50.00	41	20
23+00.00	36	24
23+50.00	34	27
24+00.00	32	32
24+50.00	28	41
25+00.00	26	47
25+50.00	26	48
26+00.00	30	49
26+50.00	33	50
27+00.00	35	27
27+50.00	41	4
28+00.00	38	14
28+30.23	37	17
28+50.00	39	11
29+00.00	114	28
29+50.00	145	29
30+00.00	163	28
30+50.00	151	31
31+00.00	130	40
31+50.00	104	53
32+00.00	92	65
32+50.00	90	69
33+00.00	88	65
33+50.00	85	64
34+00.00	84	65

SNOOPY

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PROJ. REFERENCE NO.	SHEET NO.
U-4444AB	X-C

CROSS-SECTION SUMMARY

Station Y4	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
34+50.00	91	64
35+00.00	100	60
35+50.00	91	57
36+00.00	74	55
36+50.00	100	52
37+00.00	102	49

Station Y4Srrev	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
11+00.00	0	0
11+50.00	539	0
12+00.00	490	0
12+50.00	552	0
13+00.00	553	0
13+50.00	520	0
14+00.00	484	0
14+50.00	477	0
15+00.00	422	0
15+50.00	350	0
16+00.00	321	0
16+50.00	319	0
17+00.00	289	0
17+50.00	263	0
18+00.00	298	0
18+50.00	315	0
19+00.00	252	0
19+50.00	258	0
20+00.00	213	4
20+50.00	189	4
21+00.00	331	0
21+50.00	413	0
22+00.00	474	0
22+50.00	419	0
23+00.00	206	0
23+50.00	101	0
24+00.00	249	0
24+50.00	370	0
25+00.00	332	0
25+35.48	184	0

Station L-LT	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
151+50.00	0	0
152+00.00	22	113
152+50.00	12	81
153+50.00	104	91
154+00.00	138	11
154+21.24	76	3
154+50.00	100	4
154+88.18	136	4
155+00.00	39	1

Station L-LT	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
155+50.00	136	5
156+00.00	145	12
156+50.00	120	28

Station L	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
158+50.00	0	0
158+60.18	3	389
159+00.00	9	1936
159+50.00	0	3213
160+00.00	3	3706
160+50.00	11	3800
161+00.00	7	4045
161+50.00	38	4276
162+00.00	133	3442
162+50.00	205	1839
163+00.00	170	787

Station L-LT	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
107+00.00	0	0
107+50.00	67	0
108+00.00	65	0
108+50.00	48	1
109+00.00	21	13
109+50.00	4	39
110+00.00	0	61
110+50.00	0	65
111+00.00	1	48
112+00.00	85	36
112+50.00	116	2
113+00.00	187	0
113+50.00	260	0
114+00.00	320	1
114+50.00	353	4
115+00.00	359	9
115+50.00	325	16
116+00.00	273	25
116+50.00	223	38
117+00.00	157	63
118+00.00	120	317
118+50.00	0	326
119+00.00	0	514
119+50.00	0	732
120+00.00	0	965
120+50.00	0	1177
121+00.00	0	1320
121+50.00	0	1358
122+00.00	0	1334
122+50.00	0	1289
123+00.00	0	1206

Station L-LT	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
123+50.00	0	1076
124+00.00	0	924
124+50.00	2	793
125+00.00	106	684

Station L-LT	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
125+00.00	0	0
125+18.18	0	194
125+50.00	0	313
126+00.00	2	428
126+50.00	12	352
127+00.00	32	287
127+50.00	59	228
128+00.00	87	171
128+18.18	37	43
128+50.00	69	50
129+00.00	151	48
129+50.00	231	29
130+00.00	274	37
130+50.00	269	52
131+00.00	233	60
131+50.00	188	66
132+00.00	177	69
132+50.00	111	313
133+00.00	34	565
133+50.00	34	332
134+00.00	38	113
134+50.00	78	148
135+00.00	200	174
135+50.00	374	221
136+00.00	451	267
136+50.00	449	286
137+00.00	450	281
137+50.00	449	251
138+00.00	488	210
138+50.00	564	162
139+00.00	636	126
139+50.00	655	111
140+00.00	662	107
140+50.00	662	110
141+00.00	627	128
141+50.00	581	151
142+00.00	509	177
142+50.00	441	216
143+00.00	425	271
143+50.00	570	311
144+00.00	493	316
144+50.00	240	317
145+00.00	149	318
145+50.00	73	328
146+00.00	36	364

Station L-LT	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
146+50.00	13	429
147+00.00	4	495
147+50.00	0	521
148+00.00	0	542
148+50.00	0	1571
149+00.00	0	2647
149+50.00	0	2680
150+00.00	0	2731
150+50.00	0	2247
151+00.00	0	1114
151+50.00	0	407
152+00.00	0	158

Station L-RT	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
151+50.00	0	0
152+00.00	0	436
152+50.00	0	303
153+50.00	46	268
154+00.00	79	28
154+21.24	52	6
154+50.00	87	6
154+88.18	137	5
155+00.00	57	1
155+50.00	291	9
156+00.00	300	17
156+50.00	307	21
157+00.00	271	26
157+50.00	191	29
158+00.00	142	43
158+50.00	73	734

Station L-LT	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
156+50.00	0	0
157+00.00	39	113
157+50.00	0	234
158+00.00	0	342
158+50.00	0	201

Station L-RT	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
163+00.00	0	0
163+50.00	90	0
164+00.00	150	0
164+50.00	110	0
165+00.00	2	0
165+50.00	12	1
166+00.00	18	2
166+50.00	30	1

Station L-RT	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
167+00.00	37	0
167+50.00	20	1
168+09.92	19	2
168+50.00	9	5
169+00.00	1	20
169+50.00	0	48

Station Y5	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
11+00.00	0	0
11+50.00	451	0
11+78.50	147	0
11+81.77	15	0
12+00.00	81	0
12+50.00	182	0
12+89.80	94	1
13+00.00	19	0
13+50.00	70	5
14+00.00	25	5
14+50.00	7	21
14+69.19	0	17
15+00.00	0	37
15+19.72	0	32
15+50.00	0	68

Station Y6	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
13+00.00	0	0
13+50.00	44	99
14+00.00	92	11
14+50.00	87	12
15+00.00	61	13
15+50.00	32	16
16+00.00	11	21
16+50.00	2	42
17+00.00	0	71
17+50.00	1	91
18+00.00	1	116
18+50.00	0	179
19+00.00	0	241
19+50.00	0	252
20+00.00	0	149
20+50.00	0	72
21+00.00	0	112
21+50.00	1	125
22+00.00	4	115
22+50.00	3	127
23+00.00	0	146

Station Y3Rpb_Tie	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
10+00.00	0	0
10+50.00	79	0
11+00.00	70	3
11+50.00	98	15
12+00.00	128	37
12+50.00	311	49
13+00.00	501	41
13+50.00	586	26
14+00.00	682	14
14+50.00	639	6

Station Y4A	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
10+00.00	0	0
10+50.00	26	27
11+00.00	45	28
11+50.00	42	33
12+00.00	26	33
12+50.00	21	51
13+00.00	10	81
13+50.00	1	126
14+00.00	0	192
14+50.00	0	216
15+00.00	0	193
15+50.00	0	130
16+00.00	0	65
16+50.00	0	39
17+00.00	0	27
17+50.00	2	13
18+00.00	5	3

SNOOPY

PROJ. REFERENCE NO.	SHEET NO.
U-4444AB	X-D

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

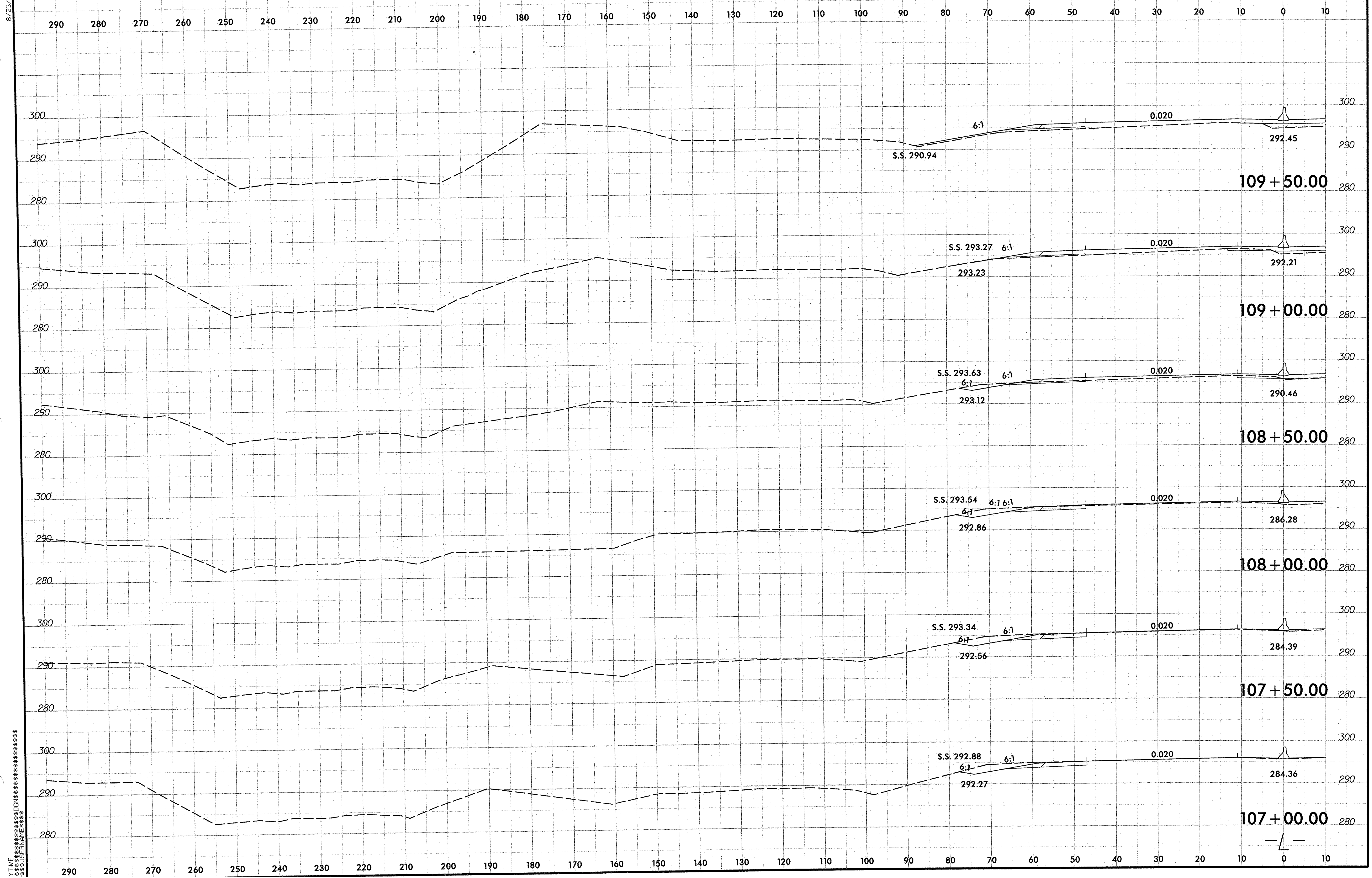
Station Y4B	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
10+00.00	0	0
10+50.00	55	26
11+00.00	33	28
11+50.00	33	23
12+00.00	22	20
12+50.00	3	62
13+00.00	2	114
13+50.00	1	142
14+00.00	0	206
14+50.00	0	275
15+00.00	0	251
15+50.00	0	168
16+00.00	0	121
16+50.00	1	84
17+00.00	2	36
17+50.00	3	11
18+00.00	5	3
	UNDERCUT	

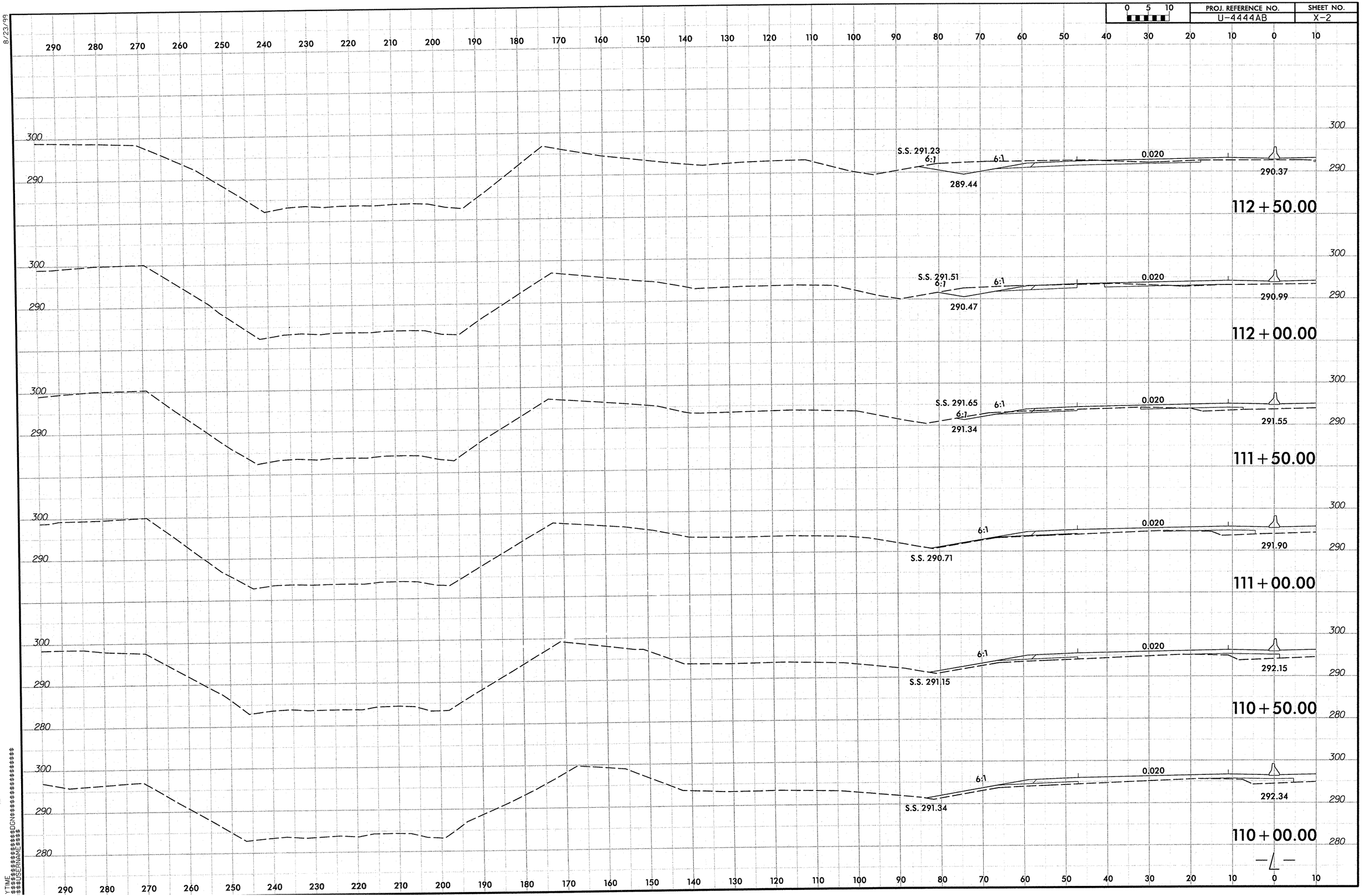
Station L	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
158+50.00	0	0
159+00.00	566	0
159+50.00	620	0

Station Y3	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
10+00.00	0	0
10+50.00	632	0

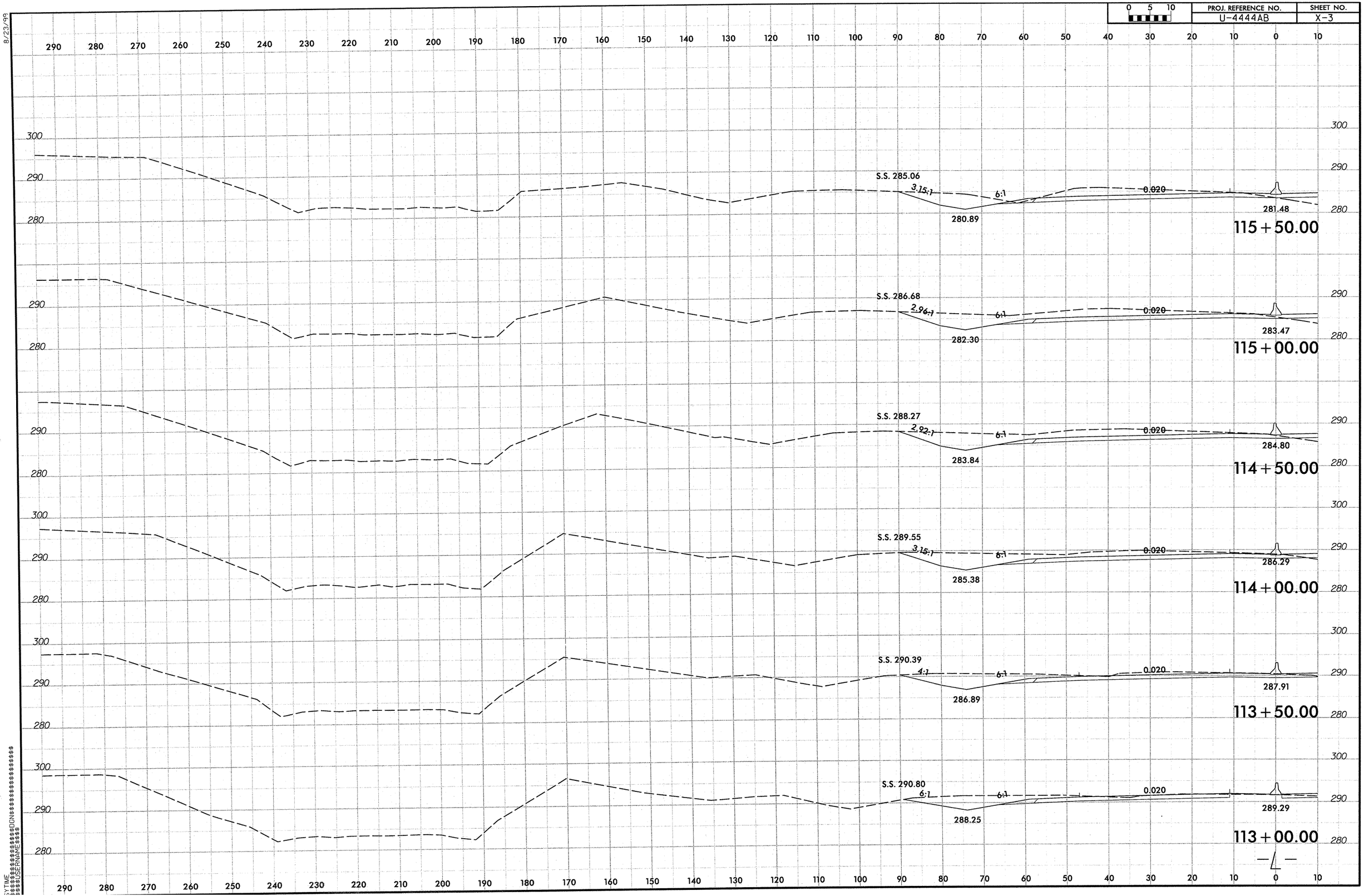
Station Y3Lpd	Suitable Uncl. Exc. (cu. yd.)	Suitable Embt (cu. yd.)
19+00.00	0	0
19+50.00	4039	0
20+00.00	5322	0
20+50.00	4914	0
21+00.00	4004	0
21+50.00	3606	0
22+00.00	4060	0
22+50.00	5227	0
23+00.00	4766	0
23+50.00	2765	0

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-1

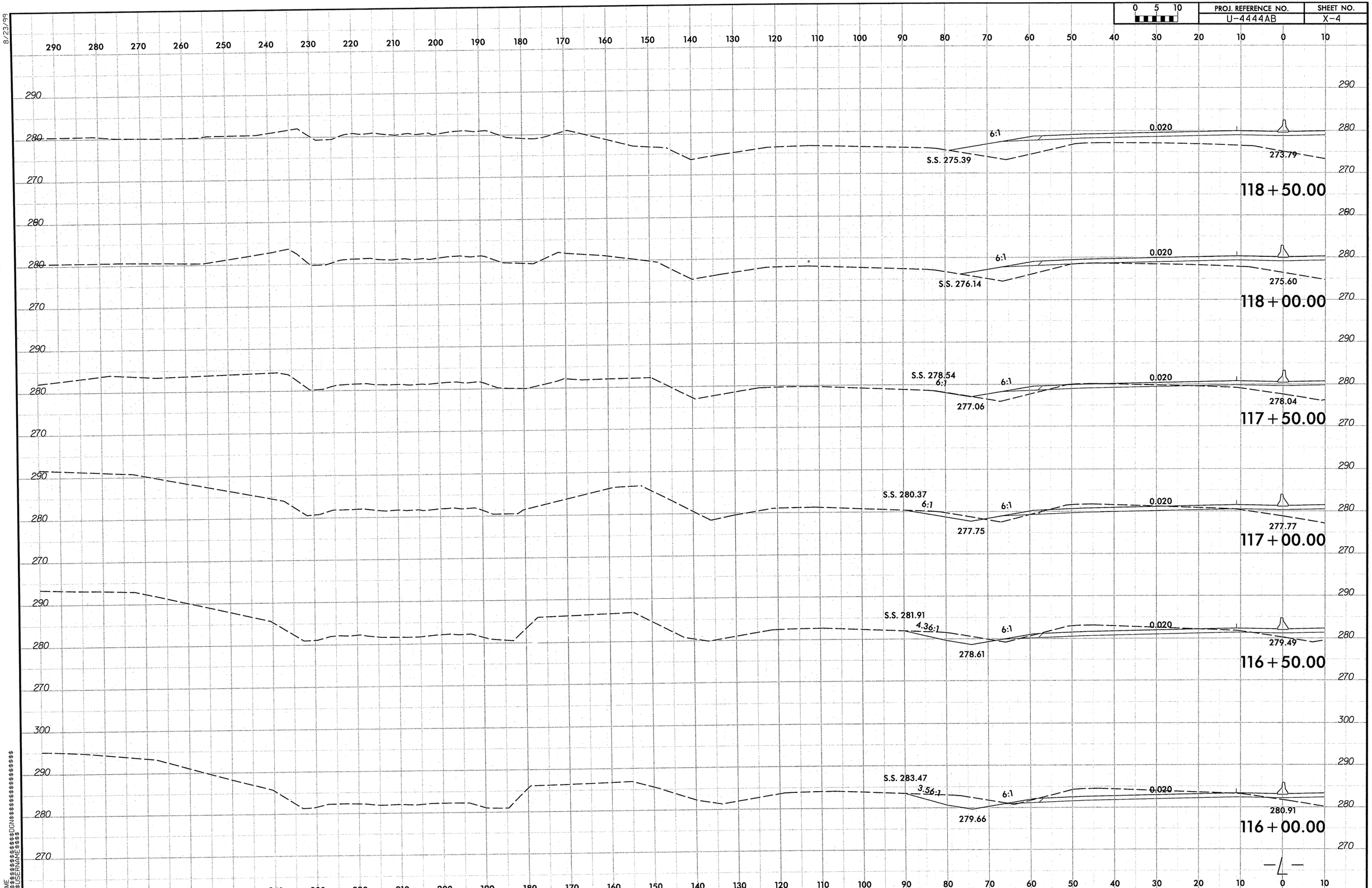




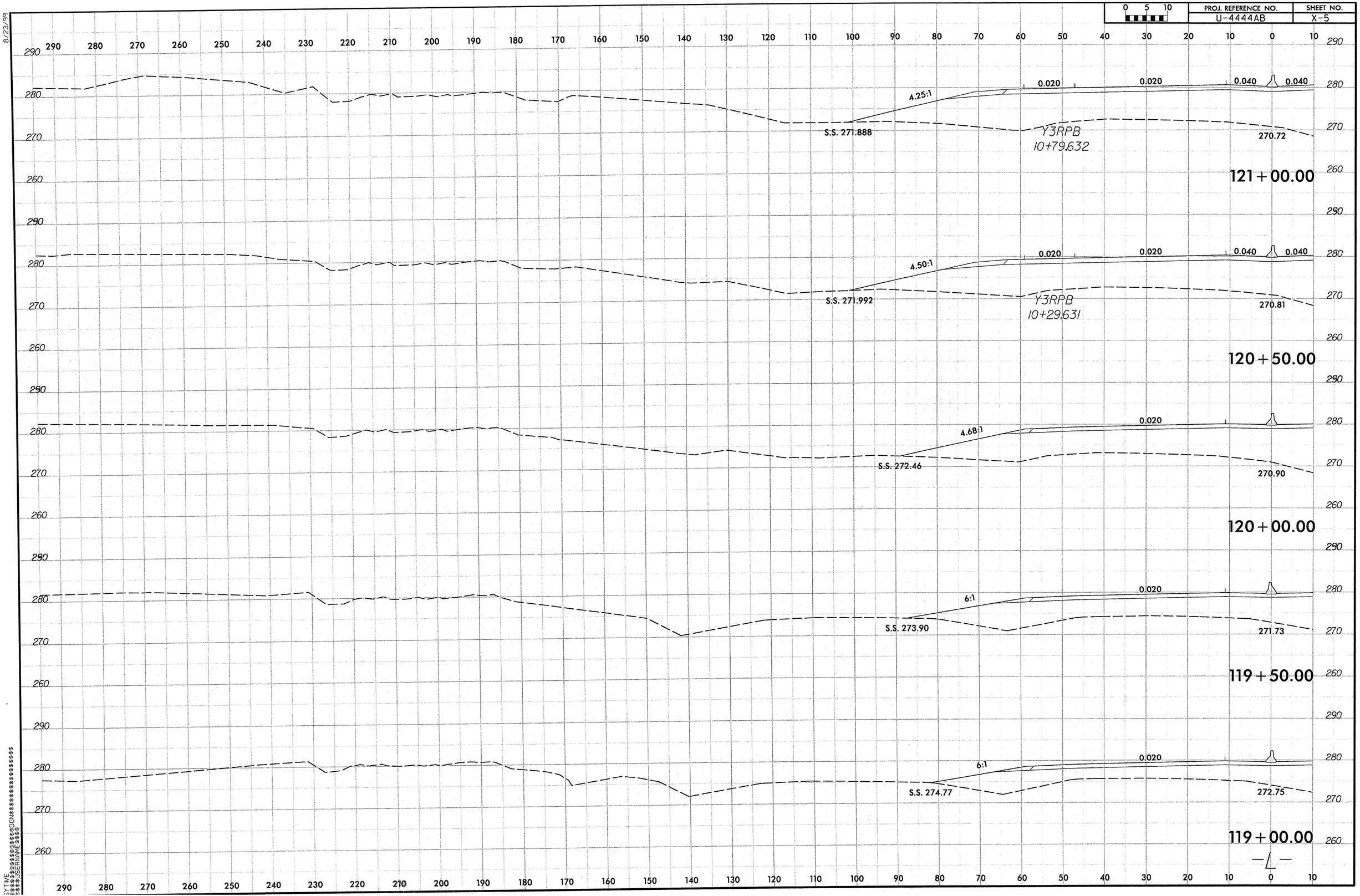
PROJ. REFERENCE NO.
U-4444AB
SHEET NO.
X-2
0 5 10
8/23/99
S.S. 291.23
6:1
6:1
0.020
289.44
290.37
112+50.00
S.S. 291.51
6:1
6:1
0.020
290.47
290.99
112+00.00
S.S. 291.65
6:1
6:1
0.020
291.34
291.55
111+50.00
6:1
0.020
S.S. 290.71
291.90
111+00.00
6:1
0.020
S.S. 291.15
292.15
110+50.00
6:1
0.020
S.S. 291.34
292.34
110+00.00



PROJ. REFERENCE NO.
U-4444AB
SHEET NO.
X-3
0 5 10
S.S. 285.06
3.15:1
6:1
0.020
280.89
281.48
115+50.00
S.S. 286.68
2.96:1
6:1
0.020
282.30
283.47
115+00.00
S.S. 288.27
2.92:1
6:1
0.020
283.84
284.80
114+50.00
S.S. 289.55
3.15:1
6:1
0.020
285.38
286.29
114+00.00
S.S. 290.39
4:1
6:1
0.020
286.89
287.91
113+50.00
S.S. 290.80
6:1
6:1
0.020
288.25
289.29
113+00.00

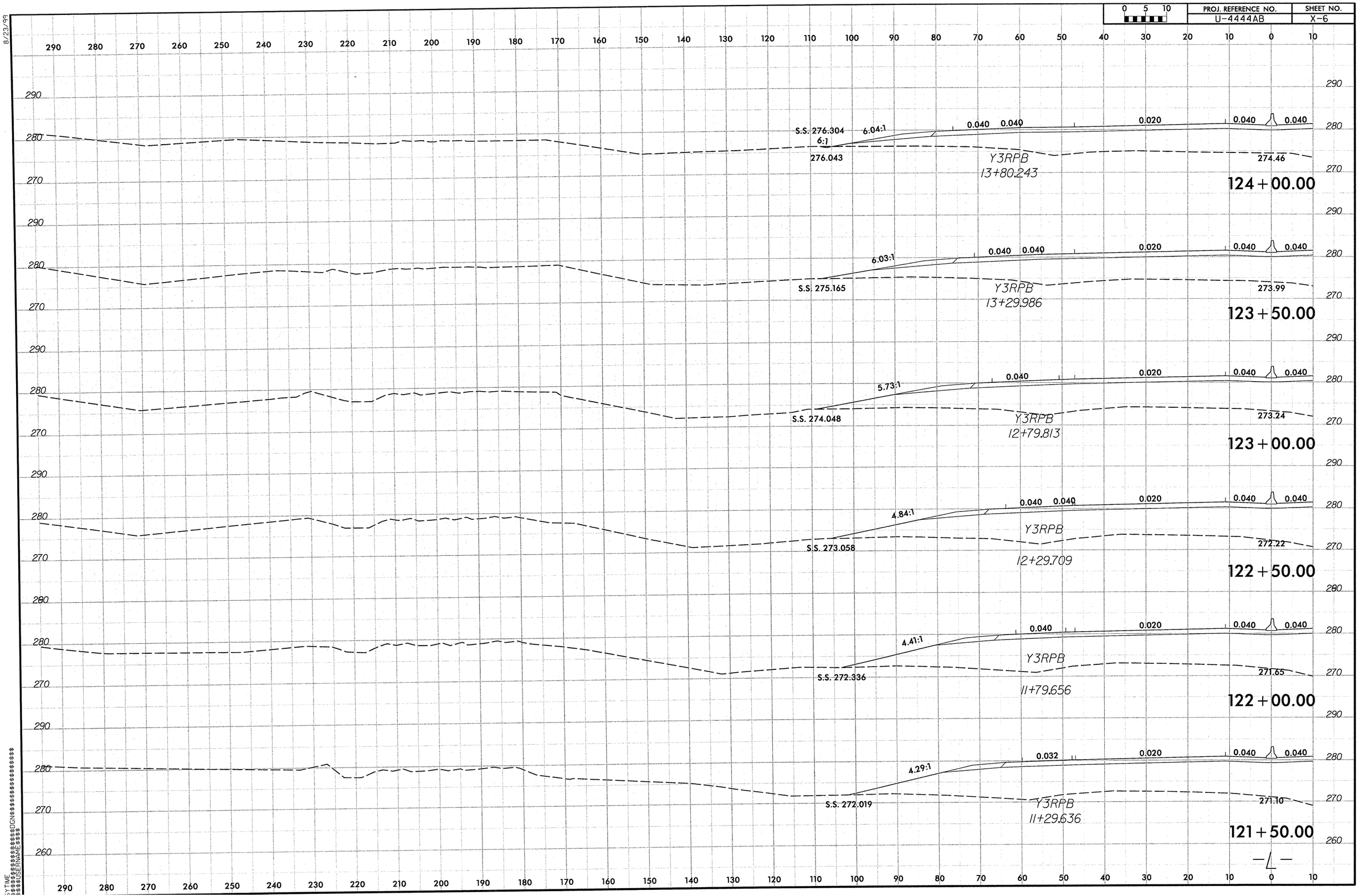


0 5 10
PROJ. REFERENCE NO.
U-4444AB
SHEET NO.
X-4
8/23/99
118+50.00
S.S. 275.39
6:1
0.020
273.79
118+00.00
S.S. 276.14
6:1
0.020
275.60
117+50.00
S.S. 278.54
6:1
6:1
0.020
277.06
278.04
117+00.00
S.S. 280.37
6:1
6:1
0.020
277.75
277.77
116+50.00
S.S. 281.91
4.36:1
6:1
0.020
278.61
279.49
116+00.00
S.S. 283.47
3.56:1
6:1
0.020
279.66
280.91



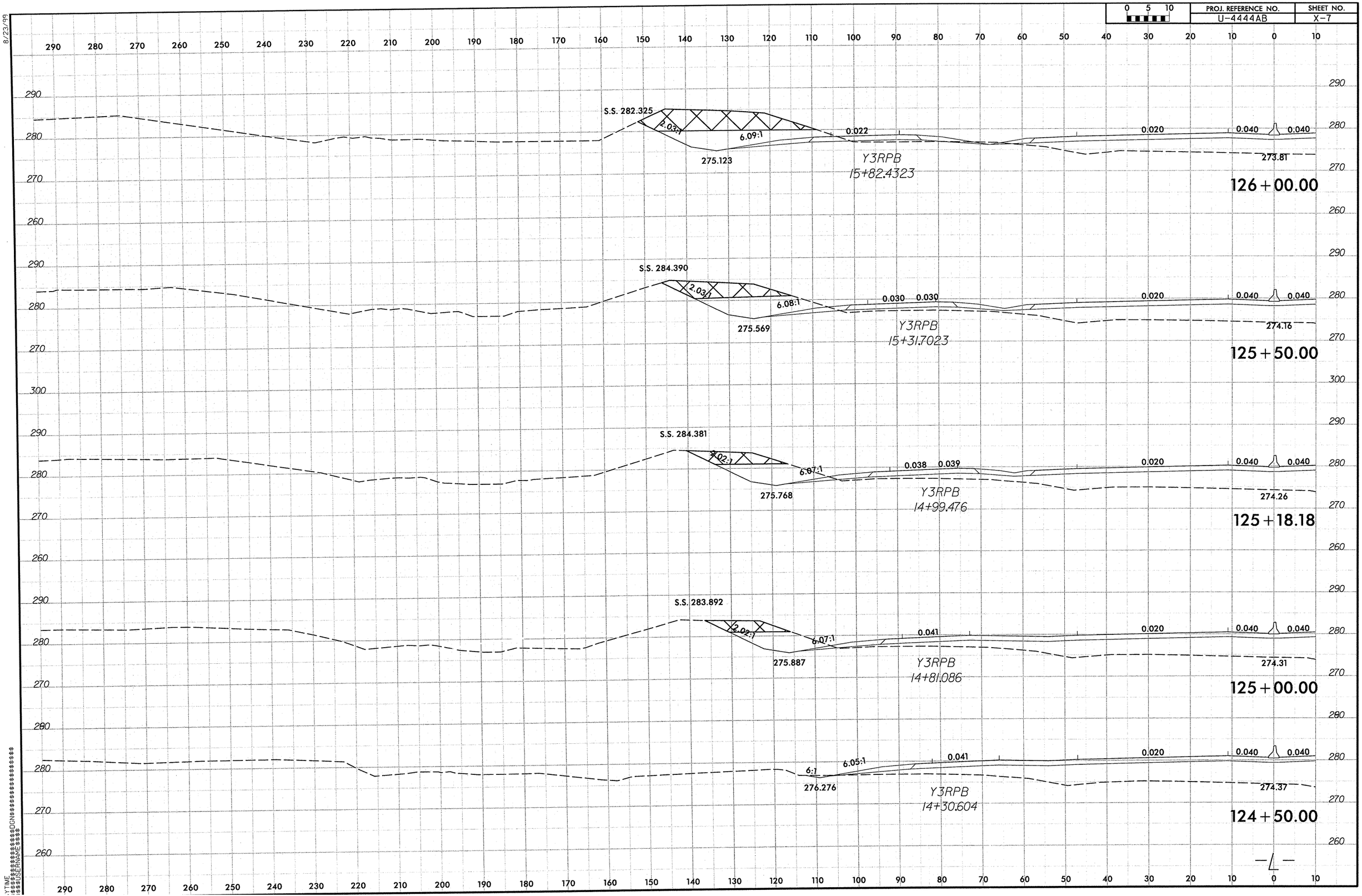
PROJ. REFERENCE NO.
U-4444AB
SHEET NO.
X-5
0 5 10
8/23/99
4.25:1
0.020
0.020
0.040
0.040
S.S. 271.888
Y3RPB
10+79.632
270.72
121+00.00
4.50:1
0.020
0.020
0.040
0.040
S.S. 271.992
Y3RPB
10+29.631
270.81
120+50.00
4.68:1
0.020
S.S. 272.46
270.90
120+00.00
6:1
0.020
S.S. 273.90
271.73
119+50.00
6:1
0.020
S.S. 274.77
272.75
119+00.00
-L-

PROJ. REFERENCE NO.	SHEET NO.
U-4444AB	X-6

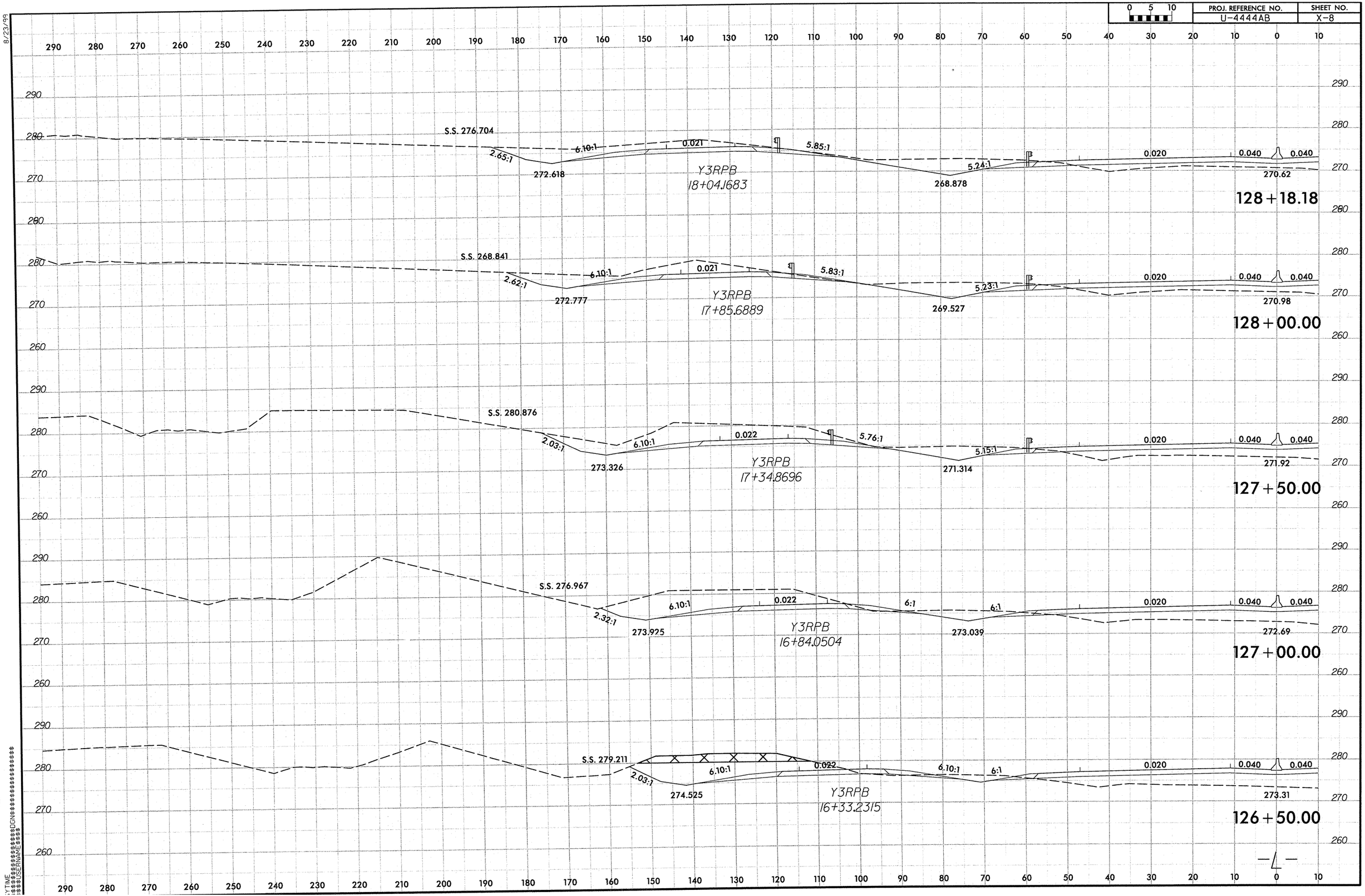


8/23/99

PROJ. REFERENCE NO.	SHEET NO.
U-4444AB	X-7

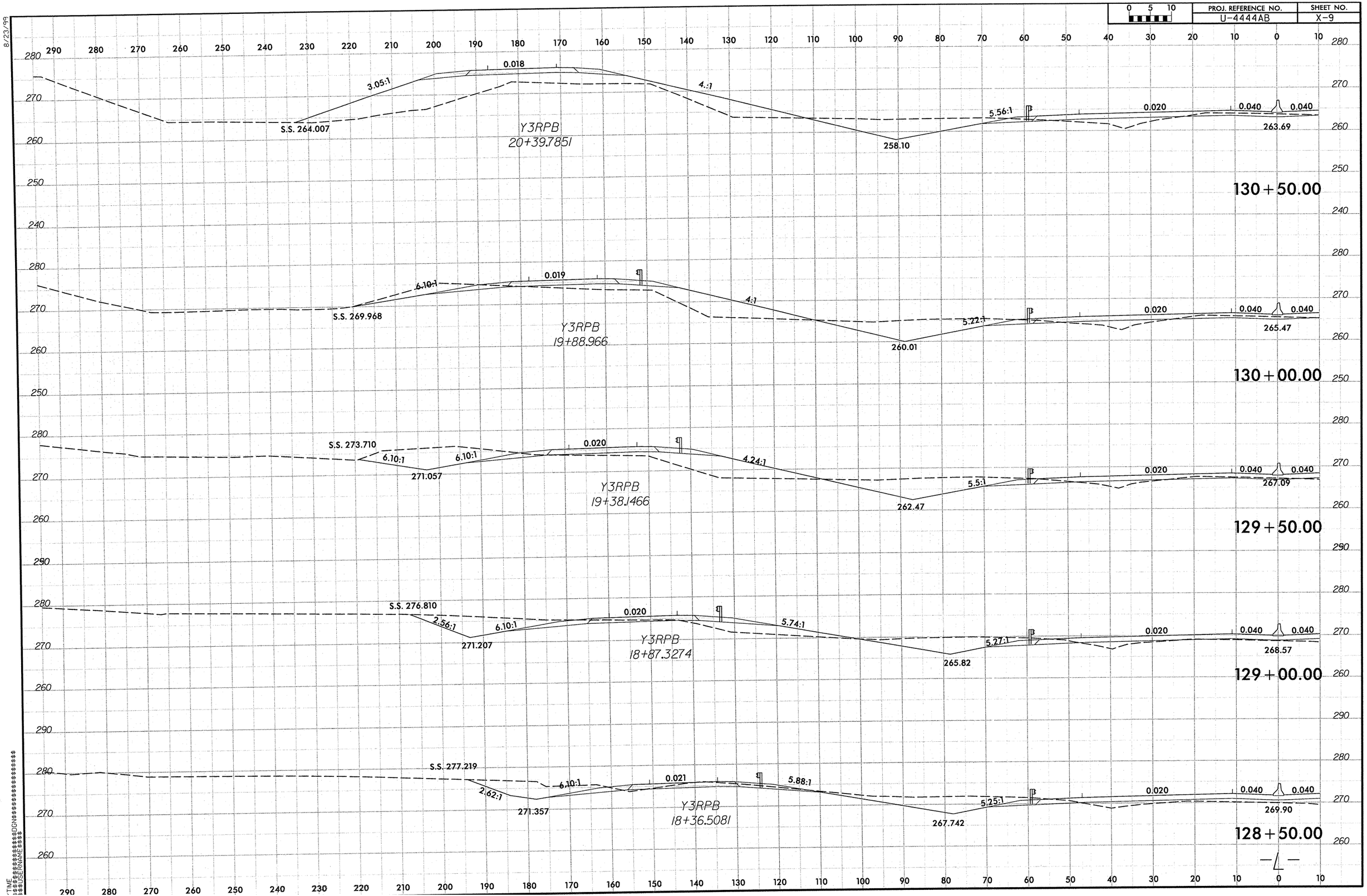


8/23/99



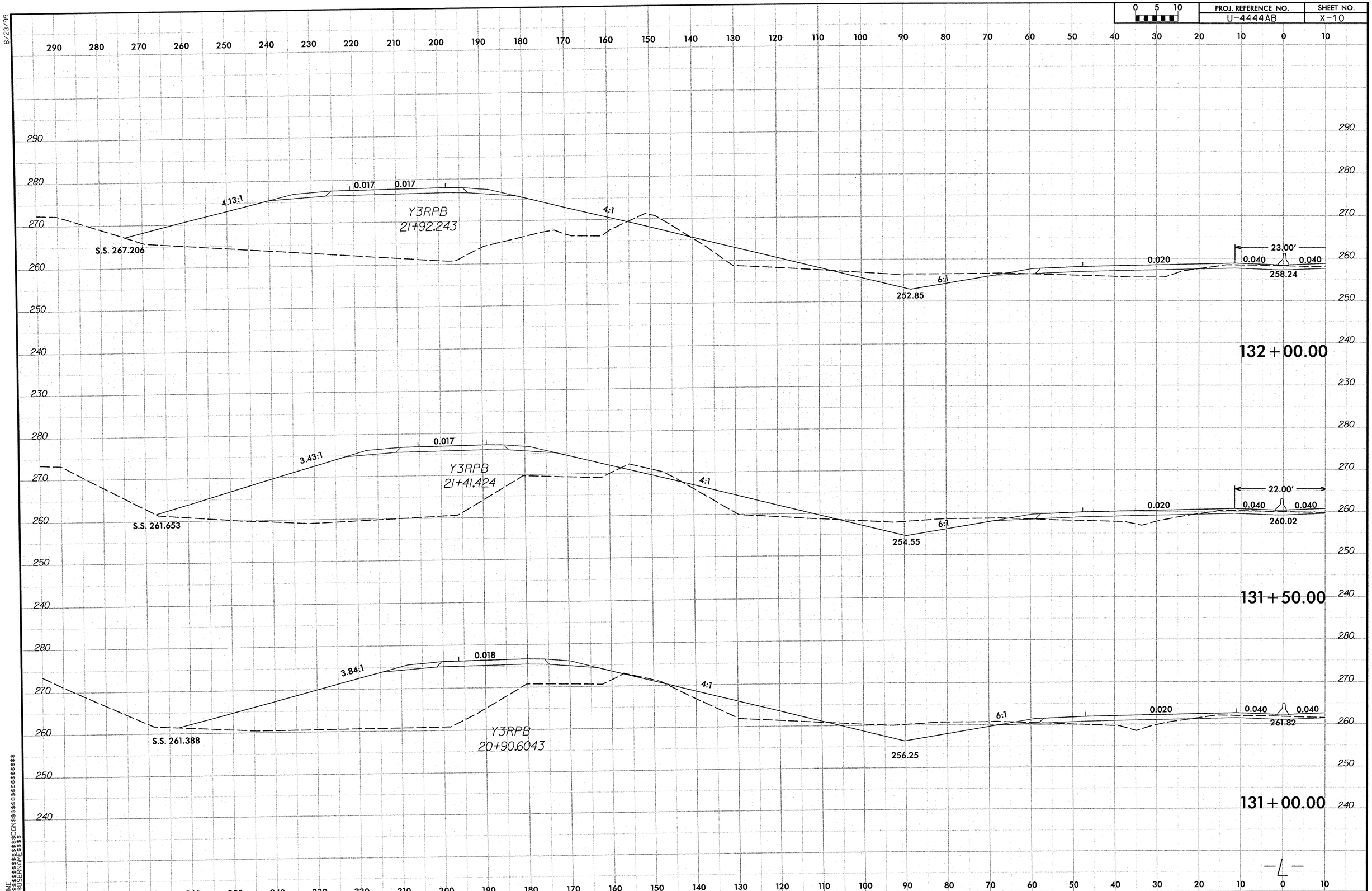
PROJ. REFERENCE NO.
U-4444AB
SHEET NO.
X-8
0 5 10
S.S. 276.704
2.65:1
6.10:1
0.021
5.85:1
5.24:1
0.020
0.040
0.040
272.618
Y3RPB
18+04.1683
268.878
270.62
128+18.18
S.S. 268.841
2.62:1
6.10:1
0.021
5.83:1
5.23:1
0.020
0.040
0.040
272.777
Y3RPB
17+85.6889
269.527
270.98
128+00.00
S.S. 280.876
2.03:1
6.10:1
0.022
5.76:1
5.15:1
0.020
0.040
0.040
273.326
Y3RPB
17+34.8696
271.314
271.92
127+50.00
S.S. 276.967
2.32:1
6.10:1
0.022
6:1
6:1
0.020
0.040
0.040
273.925
Y3RPB
16+84.0504
273.039
272.69
127+00.00
S.S. 279.211
2.03:1
6.10:1
0.022
6.10:1
6:1
0.020
0.040
0.040
274.525
Y3RPB
16+33.2315
273.31
126+50.00
-L-

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-9



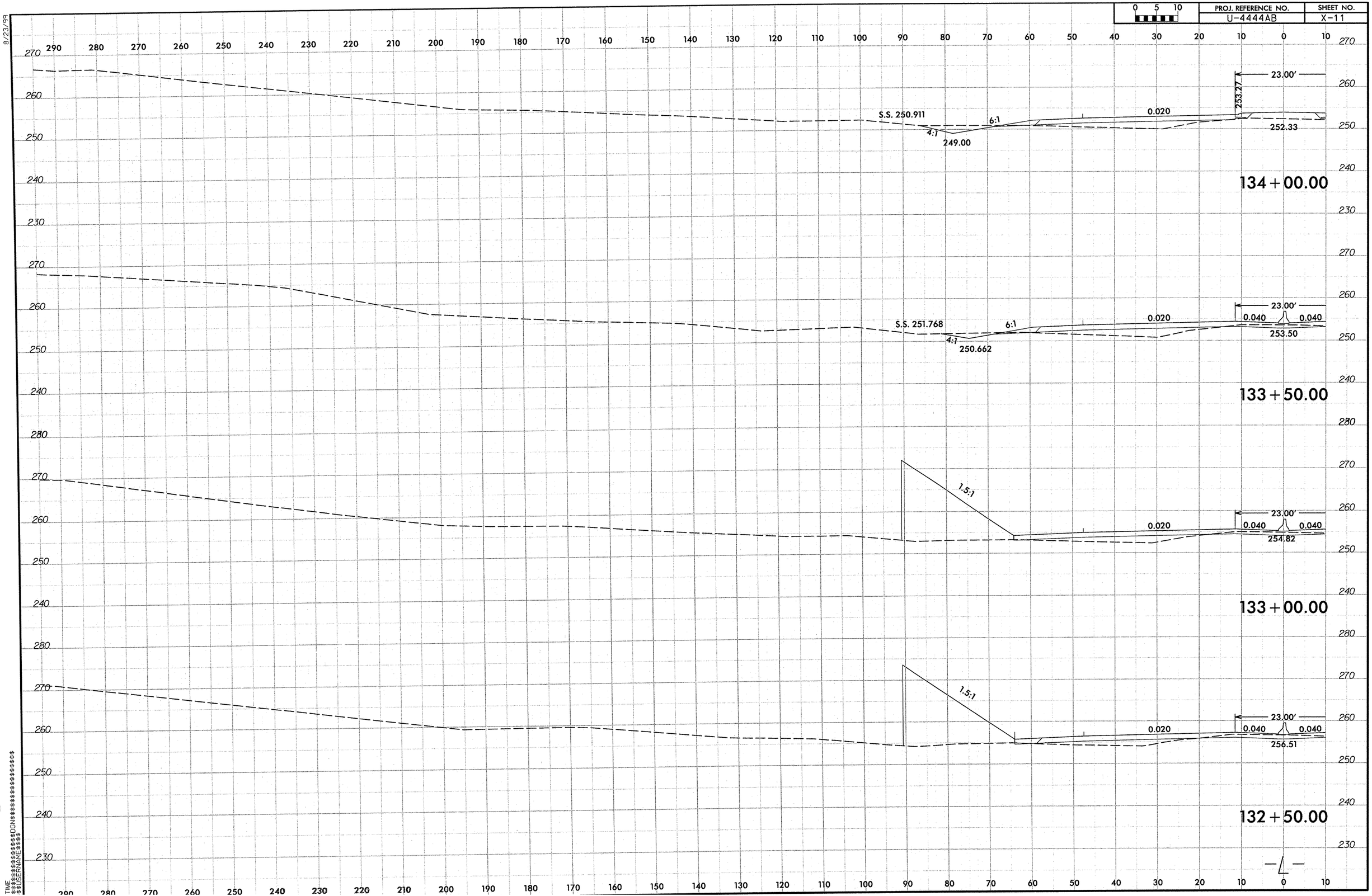
8/23/99

PROJ. REFERENCE NO.	SHEET NO.
U-4444AB	X-10



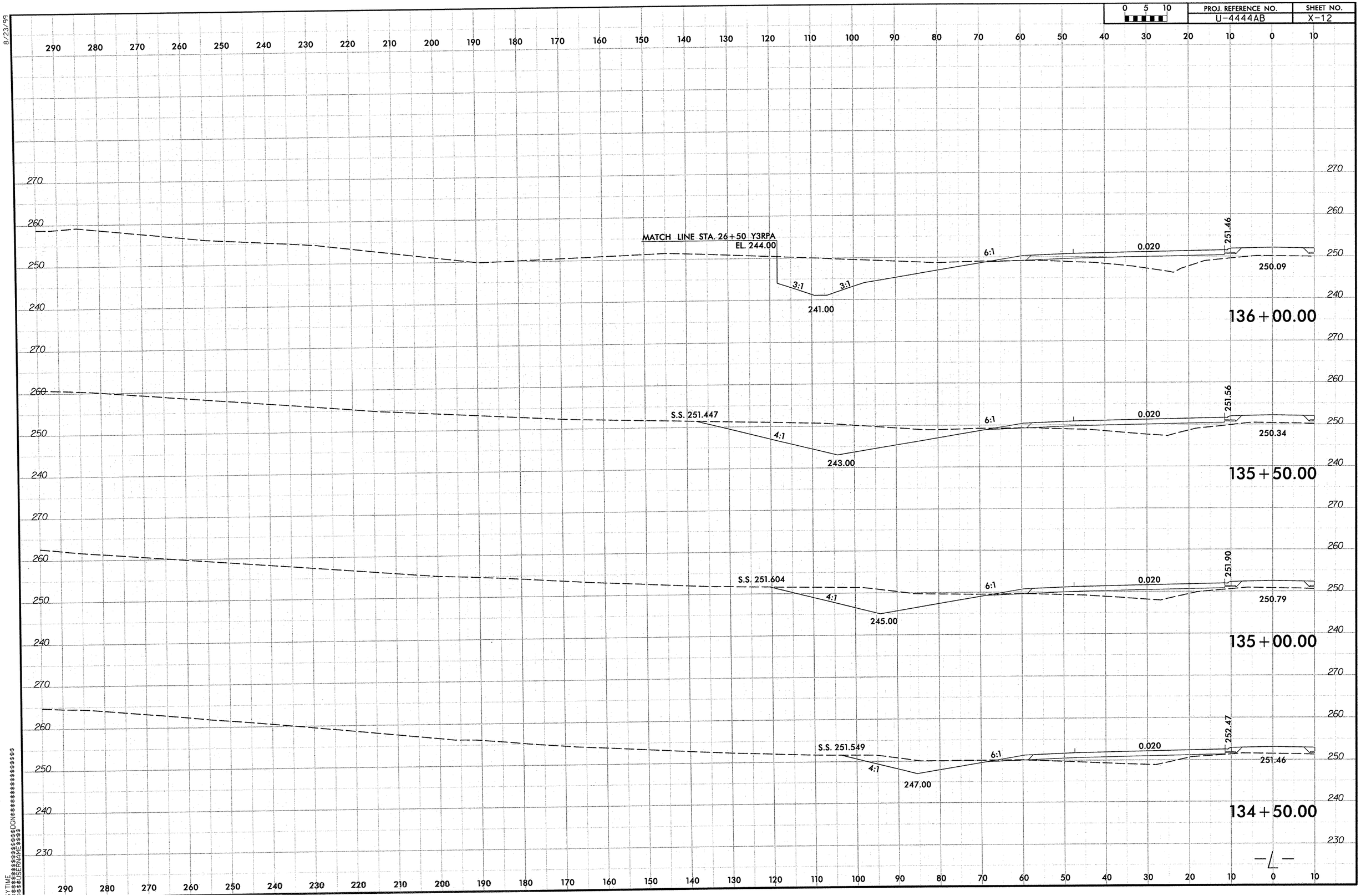
8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-11



8/23/99

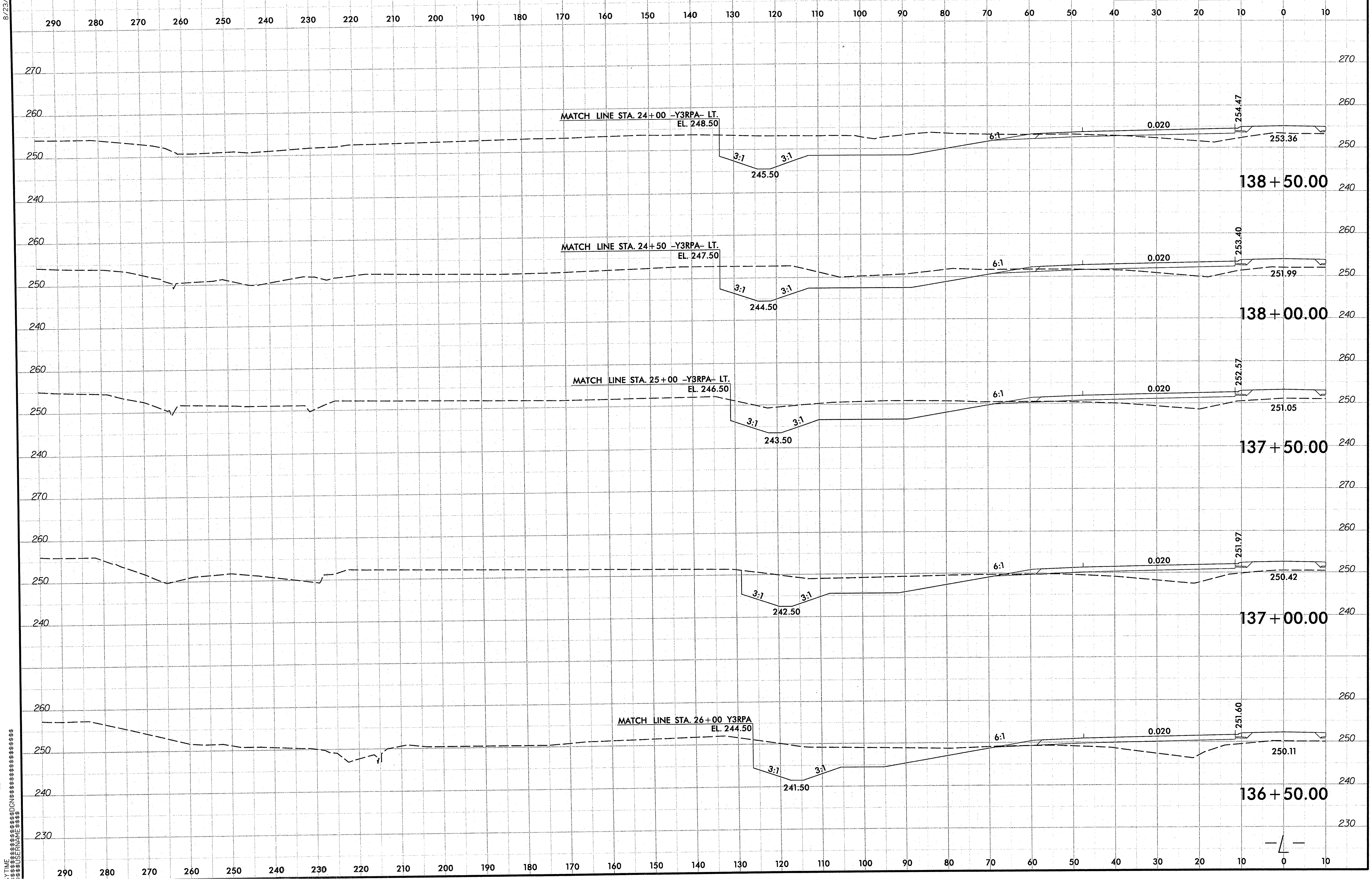
TIME
$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$
$$USERNAME$$$$



0 5 10
PROJ. REFERENCE NO.
U-4444AB
SHEET NO.
X-12
8/23/99
MATCH LINE STA. 26+50 Y3RPA
EL. 244.00
3:1
3:1
241.00
6:1
0.020
251.46
250.09
136+00.00
S.S. 251.447
4:1
243.00
6:1
0.020
251.56
250.34
135+50.00
S.S. 251.604
4:1
245.00
6:1
0.020
251.90
250.79
135+00.00
S.S. 251.549
4:1
247.00
6:1
0.020
252.47
251.46
134+50.00

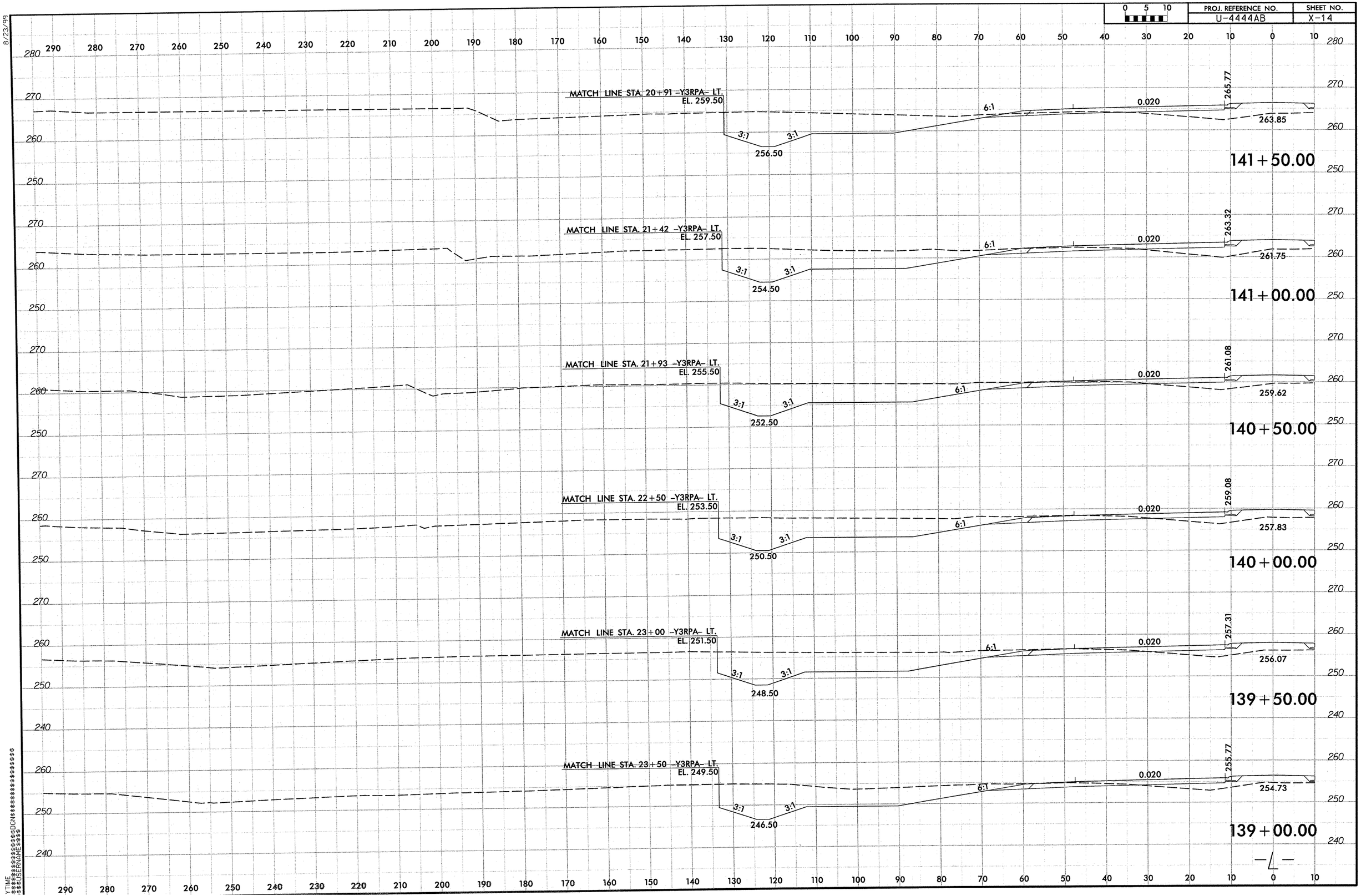
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-13

8/23/99

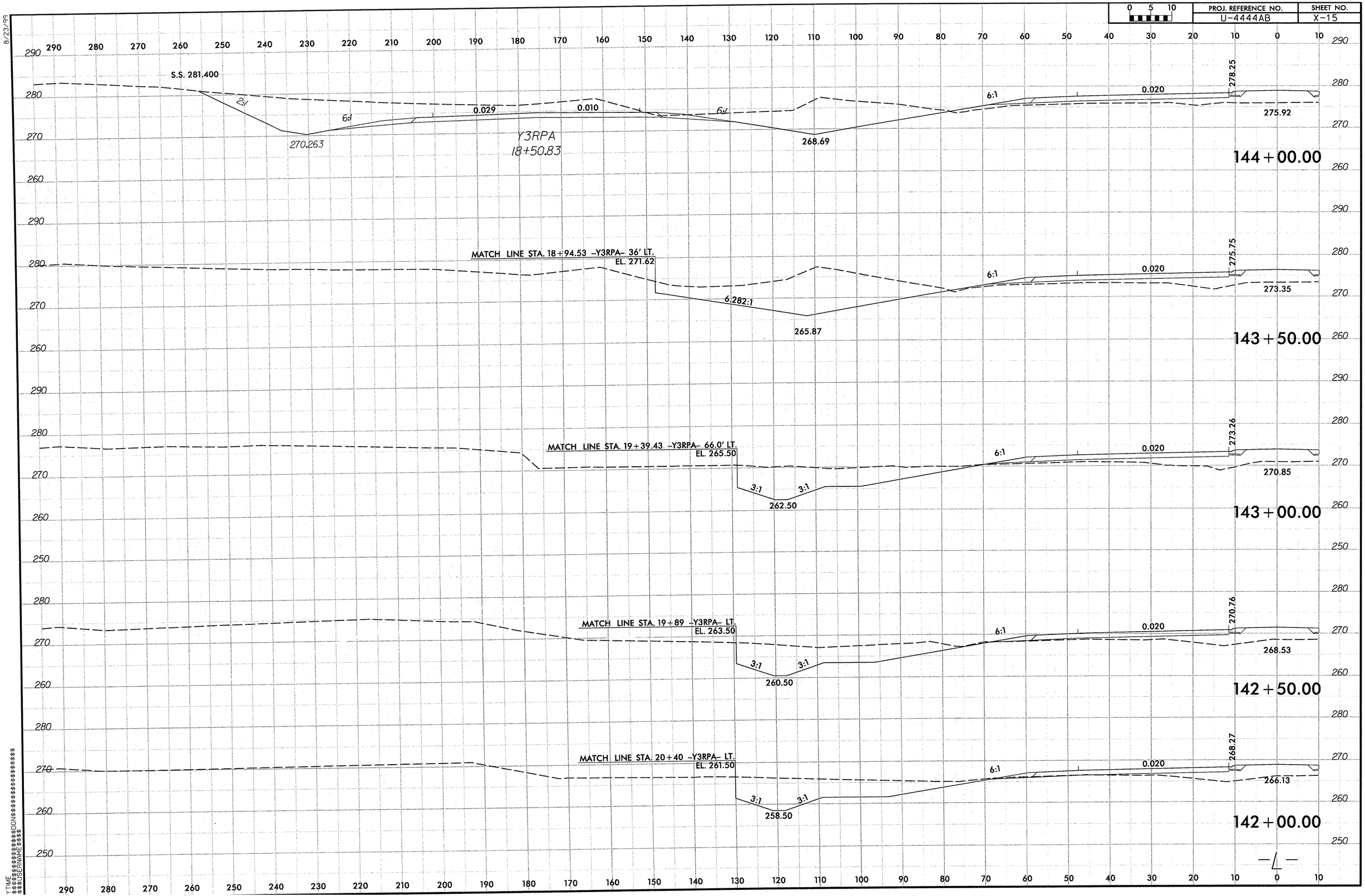


$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$
$$$$$USERNAME$$$$
$$$$$$$SYTIME

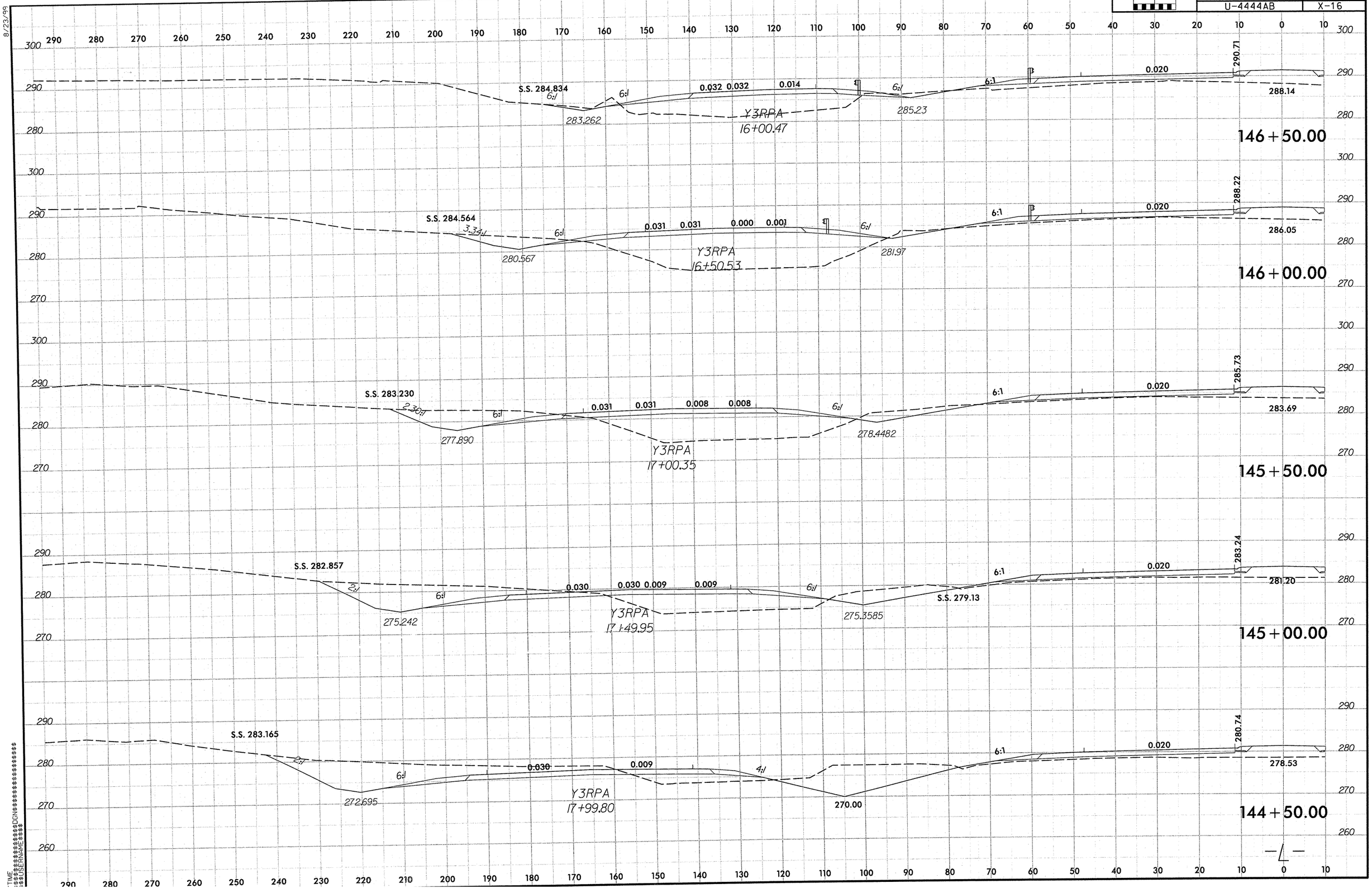
PROJ. REFERENCE NO.	SHEET NO.
U-4444AB	X-14

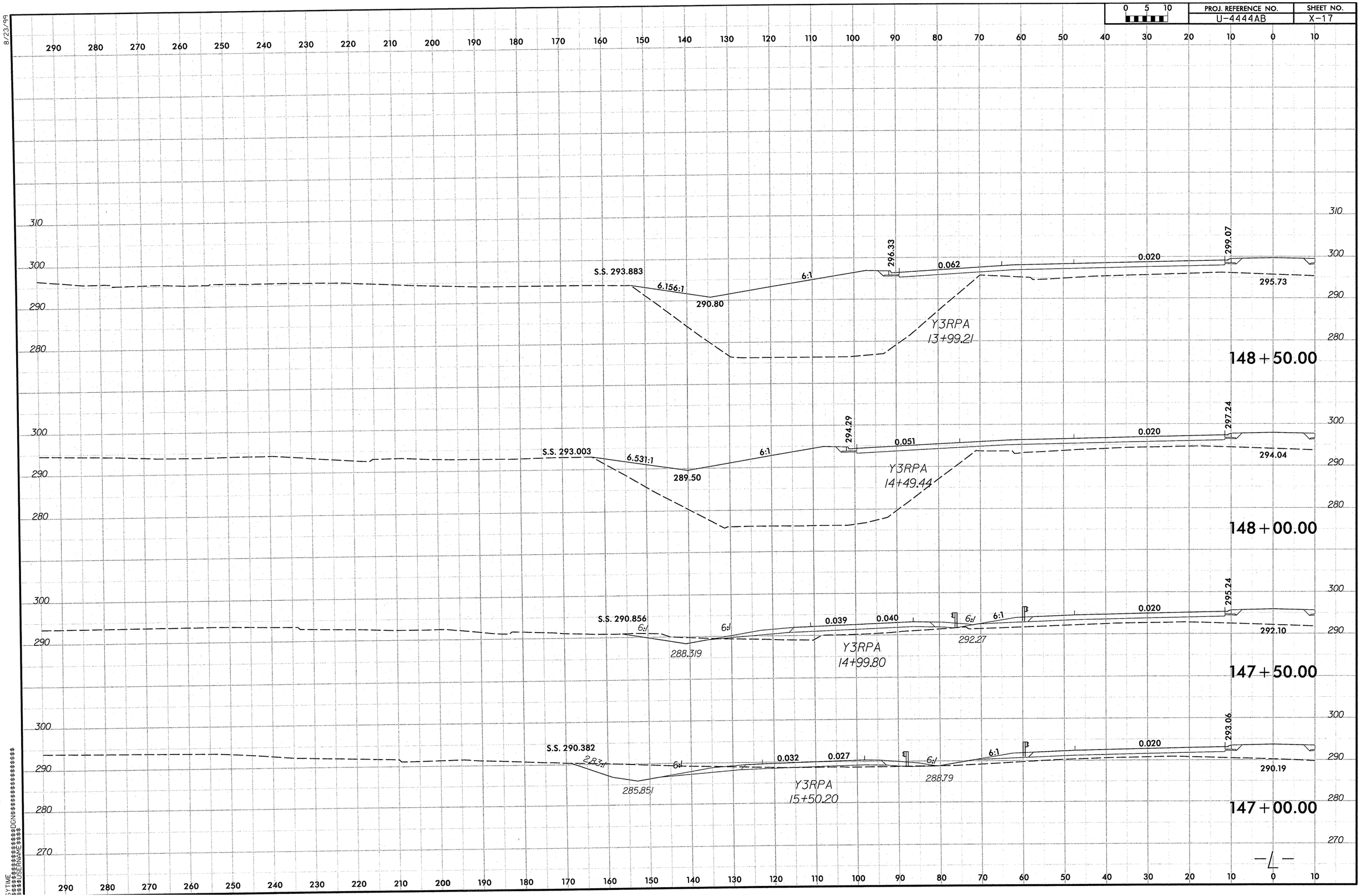


8/23/99

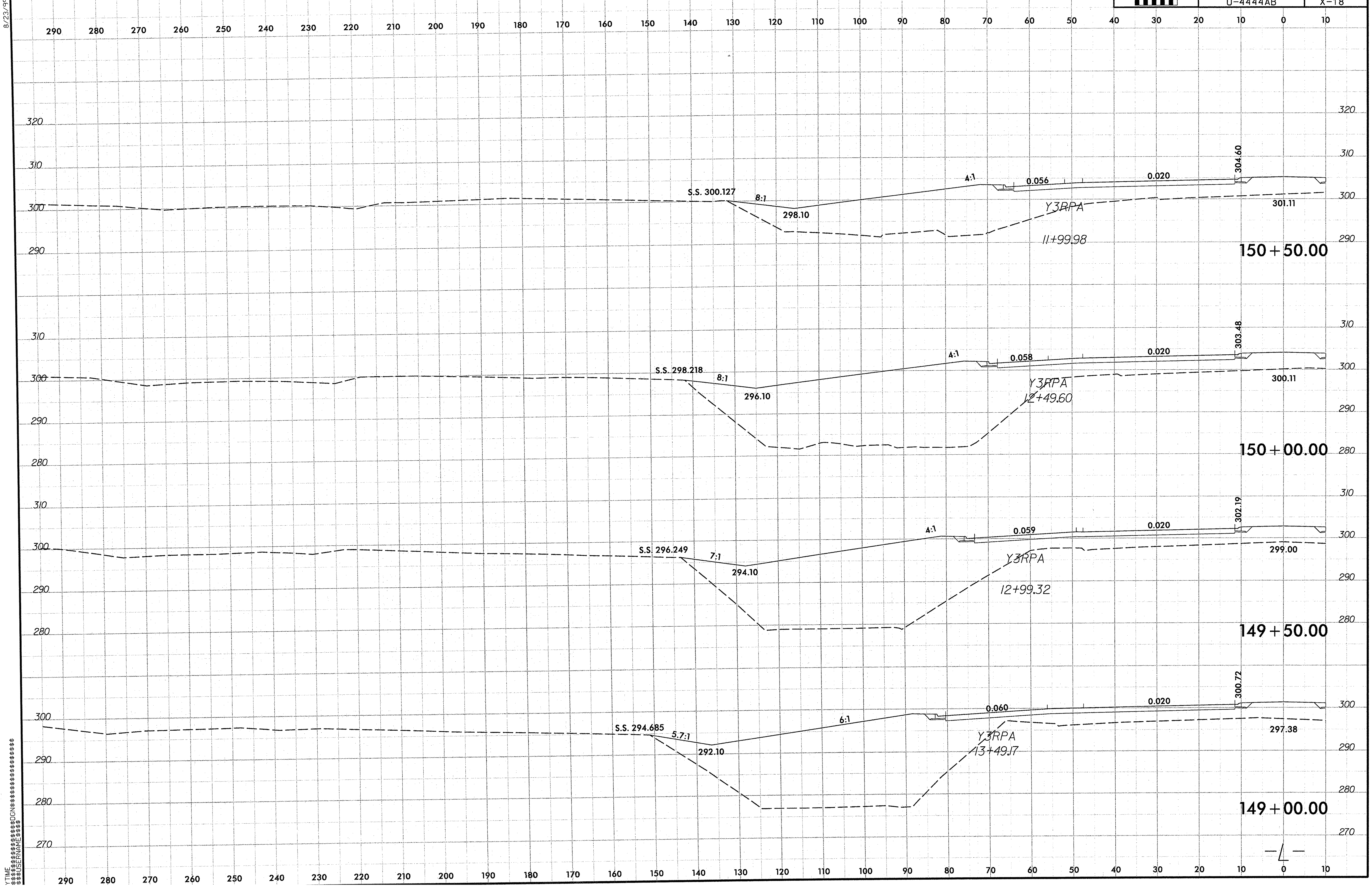


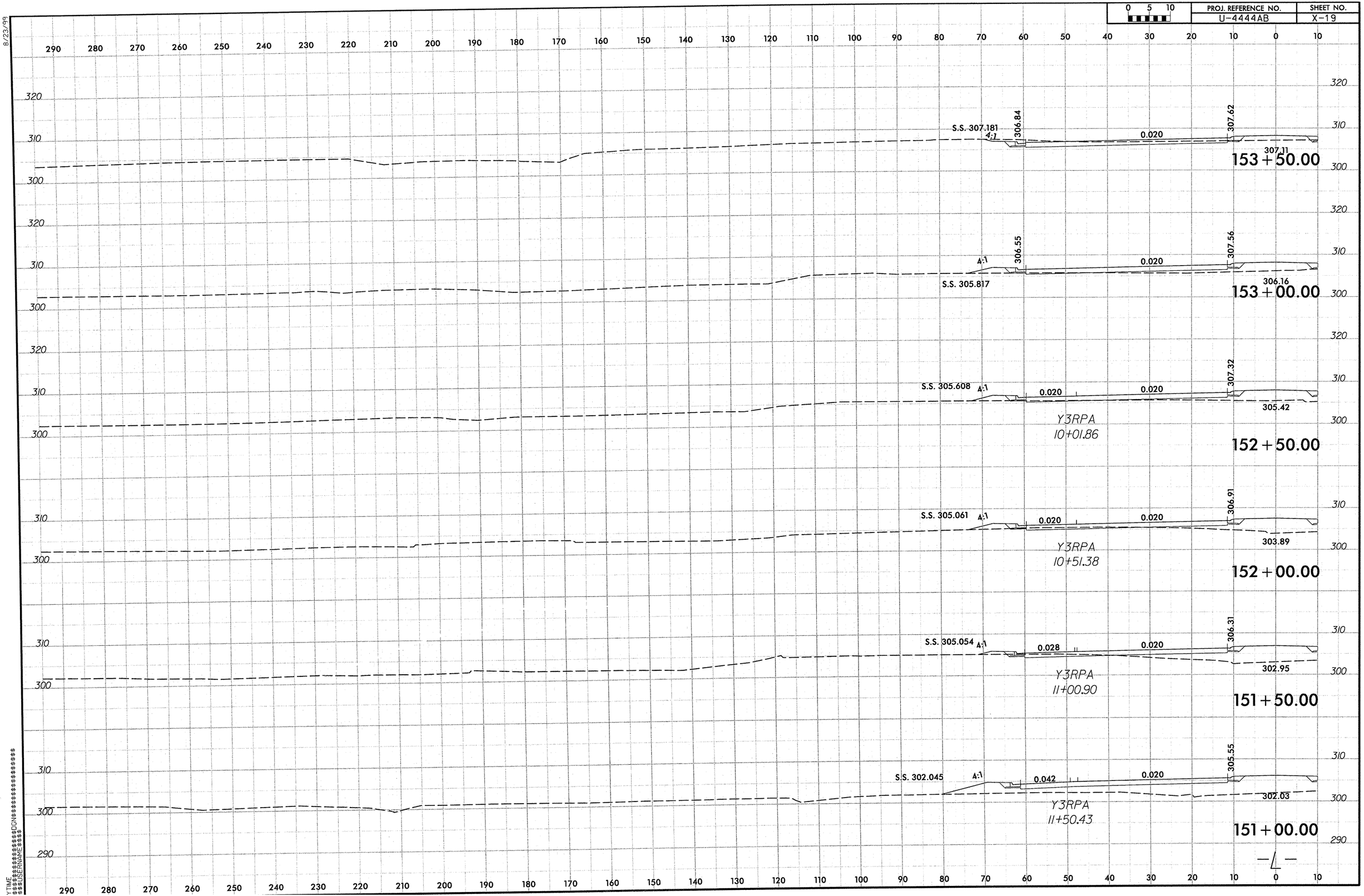
PROJ. REFERENCE NO.
U-4444AB
SHEET NO.
X-15
0 5 10
S.S. 281.400
2:1
6:1
0.029
0.010
6:1
6:1
0.020
278.25
275.92
270.263
Y3RPA
18+50.83
268.69
144+00.00
MATCH LINE STA. 18+94.53 -Y3RPA- 36' LT.
EL. 271.62
6.282:1
6:1
0.020
275.75
273.35
265.87
143+50.00
MATCH LINE STA. 19+39.43 -Y3RPA- 66.0' LT.
EL. 265.50
3:1
3:1
6:1
0.020
273.26
270.85
262.50
143+00.00
MATCH LINE STA. 19+89 -Y3RPA- LT.
EL. 263.50
3:1
3:1
6:1
0.020
270.76
268.53
260.50
142+50.00
MATCH LINE STA. 20+40 -Y3RPA- LT.
EL. 261.50
3:1
3:1
6:1
0.020
268.27
266.13
258.50
142+00.00


146+50.00
S.S. 284.834
6:1
283.262
0.032 0.032
0.014
Y3RPA
16+00.47
285.23
6:1
6:1
0.020
290.71
288.14
146+00.00
S.S. 284.564
3.34:1
6:1
280.567
0.031 0.031
0.000 0.001
Y3RPA
16+50.53
281.97
6:1
6:1
0.020
288.22
286.05
145+50.00
S.S. 283.230
2.30:1
6:1
277.890
0.031 0.031
0.008 0.008
Y3RPA
17+00.35
278.4482
6:1
6:1
0.020
285.73
283.69
145+00.00
S.S. 282.857
2:1
6:1
275.242
0.030 0.030 0.009
0.009
Y3RPA
17+49.95
275.3585
6:1
6:1
S.S. 279.13
0.020
283.24
281.20
144+50.00
S.S. 283.165
2:1
6:1
272.695
0.030
0.009
Y3RPA
17+99.80
270.00
4:1
6:1
0.020
280.74
278.53
-L-



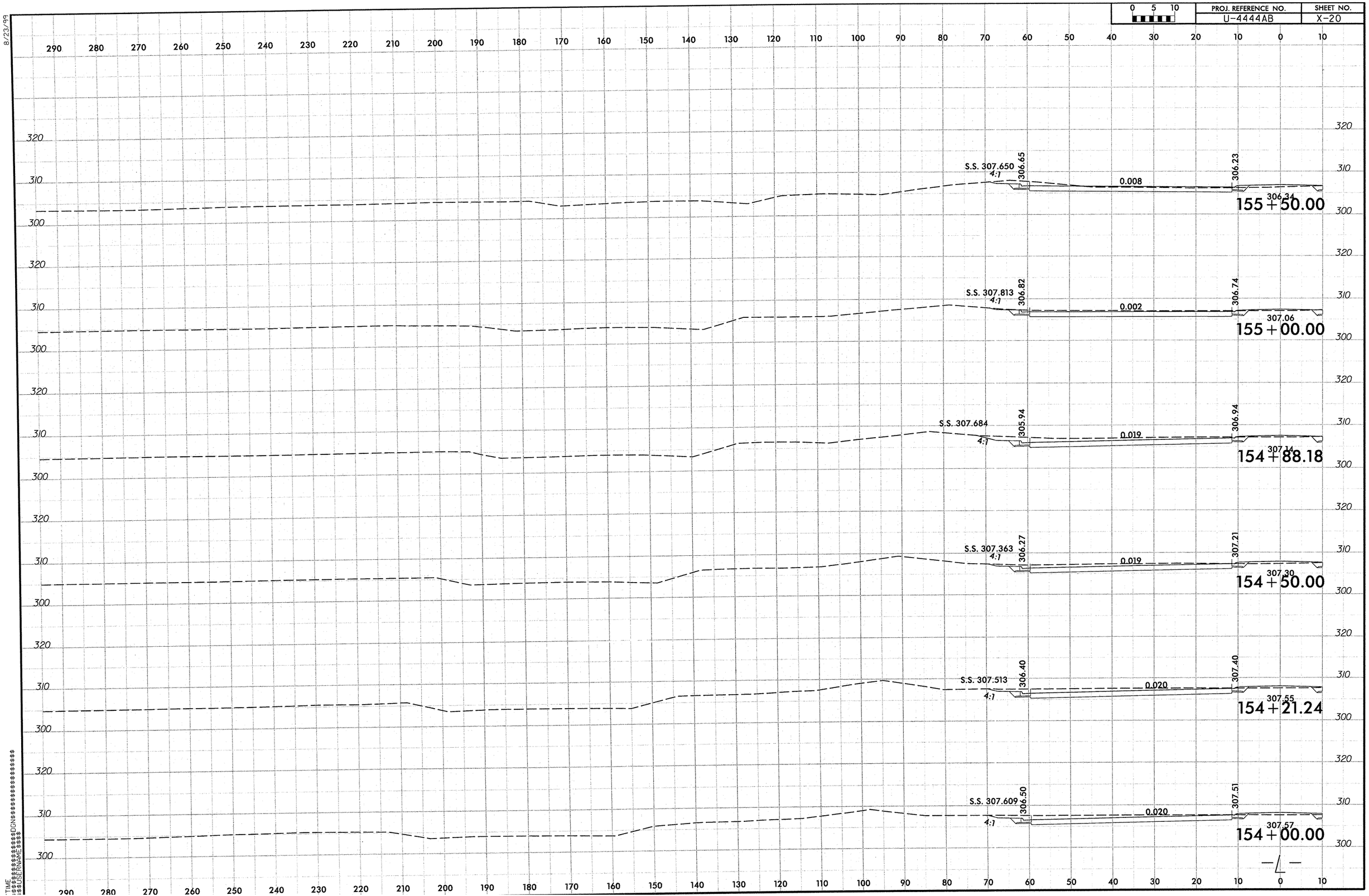
PROJ. REFERENCE NO.
U-4444AB
SHEET NO.
X-17
0 5 10
S.S. 293.883
6.156:1
290.80
6:1
296.33
0.062
0.020
299.07
295.73
Y3RPA
13+99.21
148+50.00
S.S. 293.003
6.531:1
289.50
6:1
294.29
0.051
0.020
297.24
294.04
Y3RPA
14+49.44
148+00.00
S.S. 290.856
6:1
6:1
288.319
0.039
0.040
6:1
6:1
292.27
0.020
295.24
292.10
Y3RPA
14+99.80
147+50.00
S.S. 290.382
2.83:1
6:1
285.851
0.032
0.027
6:1
6:1
288.79
0.020
293.06
290.19
Y3RPA
15+50.20
147+00.00
8/23/99

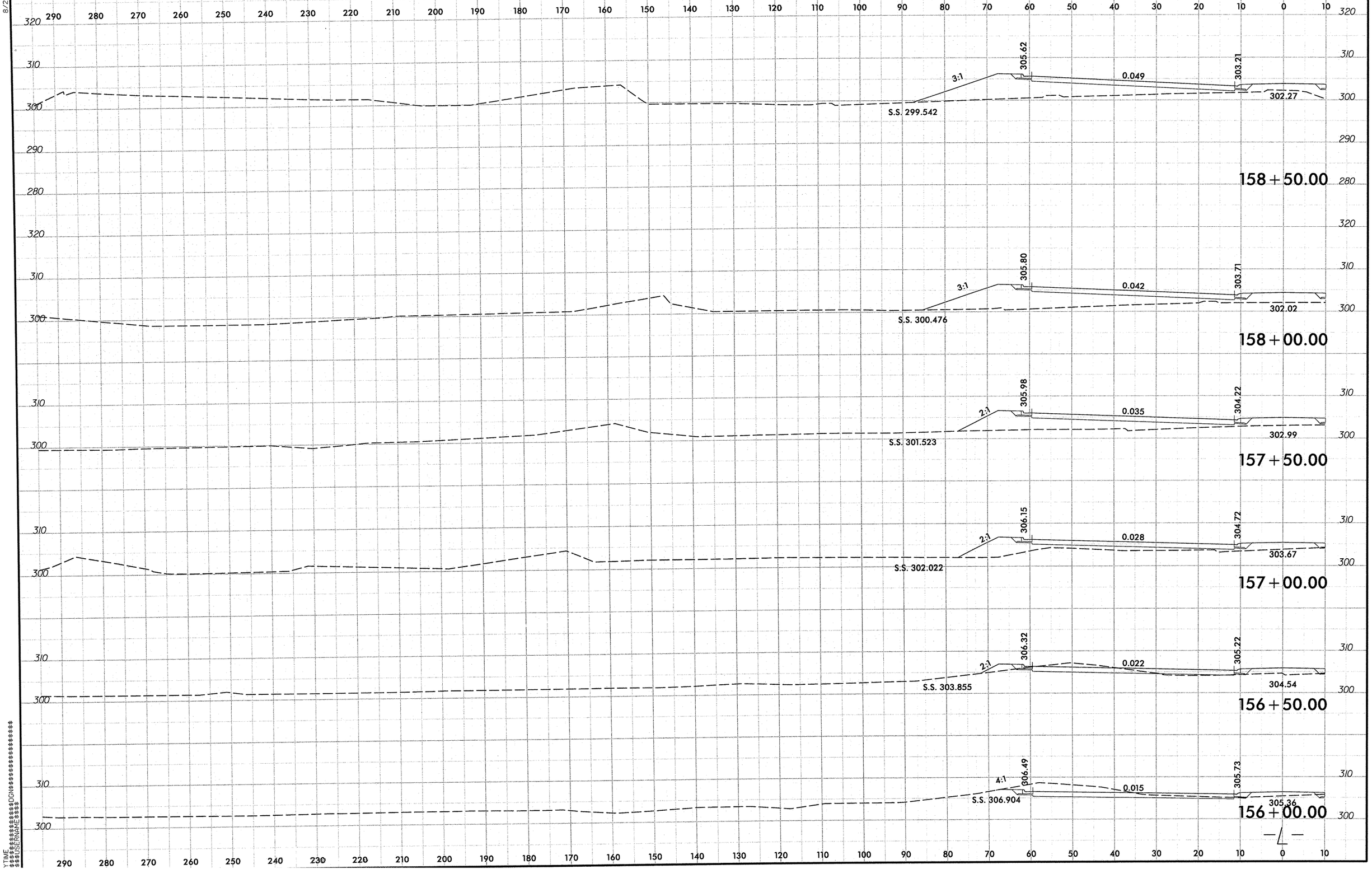

8/23/99
0 5 10
S.S. 300.127
8:1
298.10
4:1
0.056
0.020
304.60
301.11
Y3RPA
11+99.98
150+50.00
S.S. 298.218
8:1
296.10
4:1
0.058
0.020
303.48
300.11
Y3RPA
12+49.60
150+00.00
S.S. 296.249
7:1
294.10
4:1
0.059
0.020
302.19
299.00
Y3RPA
12+99.32
149+50.00
S.S. 294.685
5.7:1
292.10
6:1
0.060
0.020
300.72
297.38
Y3RPA
13+49.17
149+00.00
-L-
$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$
YTIME



PROJ. REFERENCE NO.
U-4444AB
SHEET NO.
X-19
0 5 10
S.S. 307.181
4:1
306.84
0.020
307.62
307.11
153+50.00
4:1
306.55
0.020
307.56
S.S. 305.817
306.16
153+00.00
S.S. 305.608
4:1
0.020
0.020
307.32
305.42
Y3RPA
10+01.86
152+50.00
S.S. 305.061
4:1
0.020
0.020
306.91
303.89
Y3RPA
10+51.38
152+00.00
S.S. 305.054
4:1
0.028
0.020
306.31
302.95
Y3RPA
11+00.90
151+50.00
S.S. 302.045
4:1
0.042
0.020
305.55
302.03
Y3RPA
11+50.43
151+00.00
-L-

PROJ. REFERENCE NO.	SHEET NO.
U-4444AB	X-20

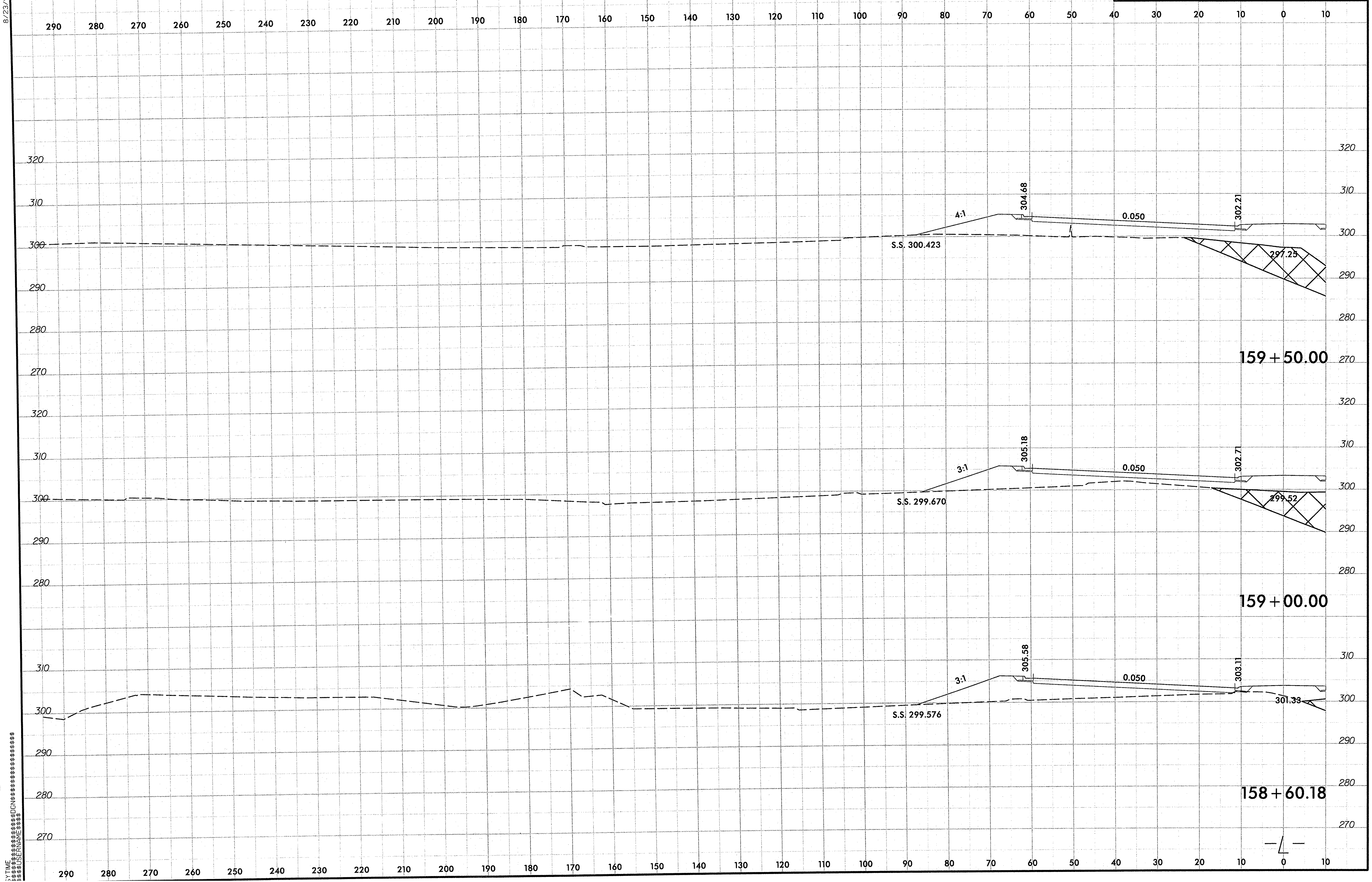




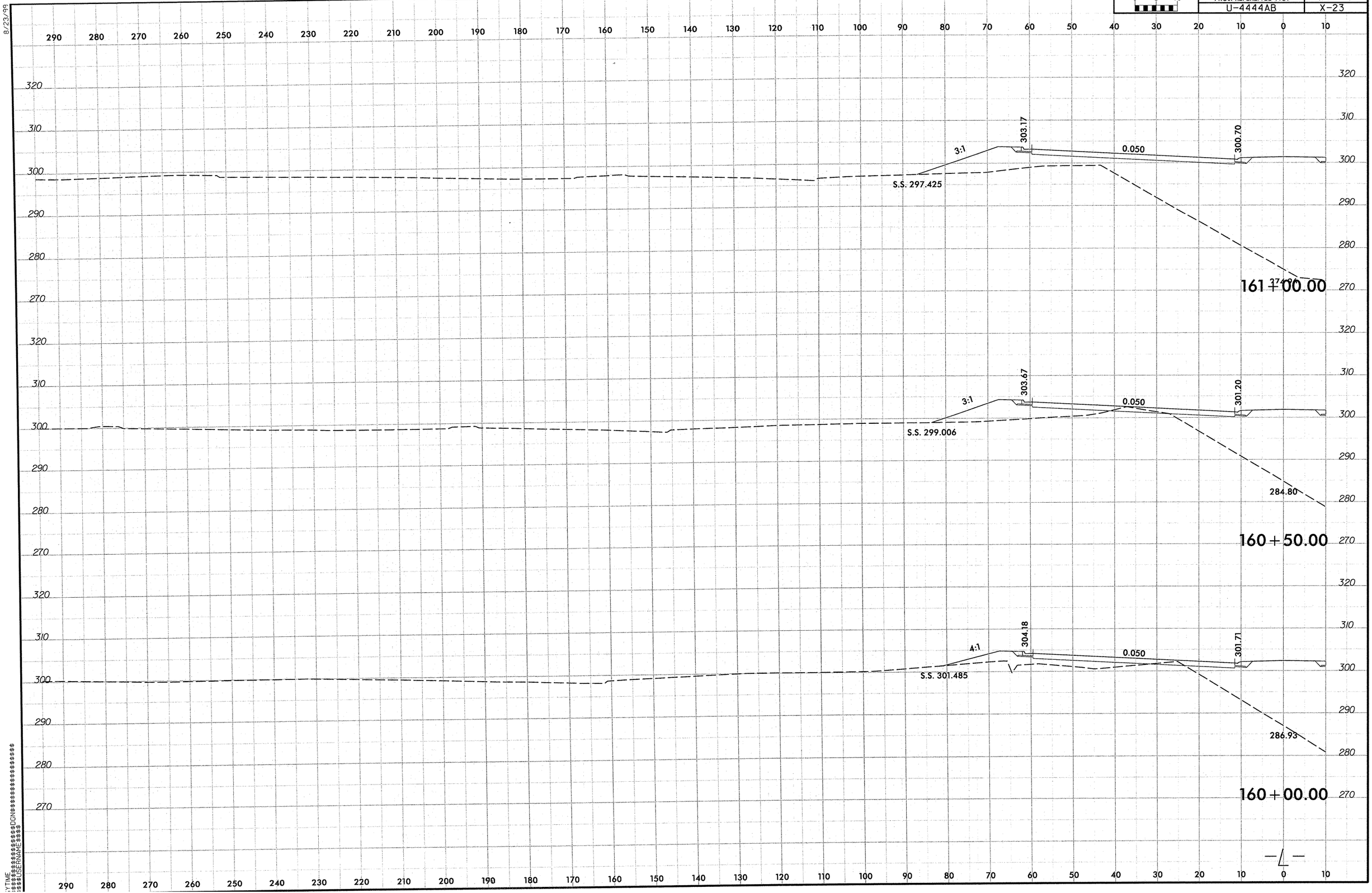
0 5 10
PROJ. REFERENCE NO.
U-4444AB
SHEET NO.
X-21
8/23/99
158+50.00
305.62
303.21
3:1
0.049
302.27
S.S. 299.542
158+00.00
305.80
303.71
3:1
0.042
302.02
S.S. 300.476
157+50.00
305.98
304.22
2:1
0.035
302.99
S.S. 301.523
157+00.00
306.15
304.72
2:1
0.028
303.67
S.S. 302.022
156+50.00
306.32
305.22
2:1
0.022
304.54
S.S. 303.855
156+00.00
306.49
305.73
4:1
0.015
305.36
S.S. 306.904

8/23/99

PROJ. REFERENCE NO.	SHEET NO.
U-4444AB	X-22

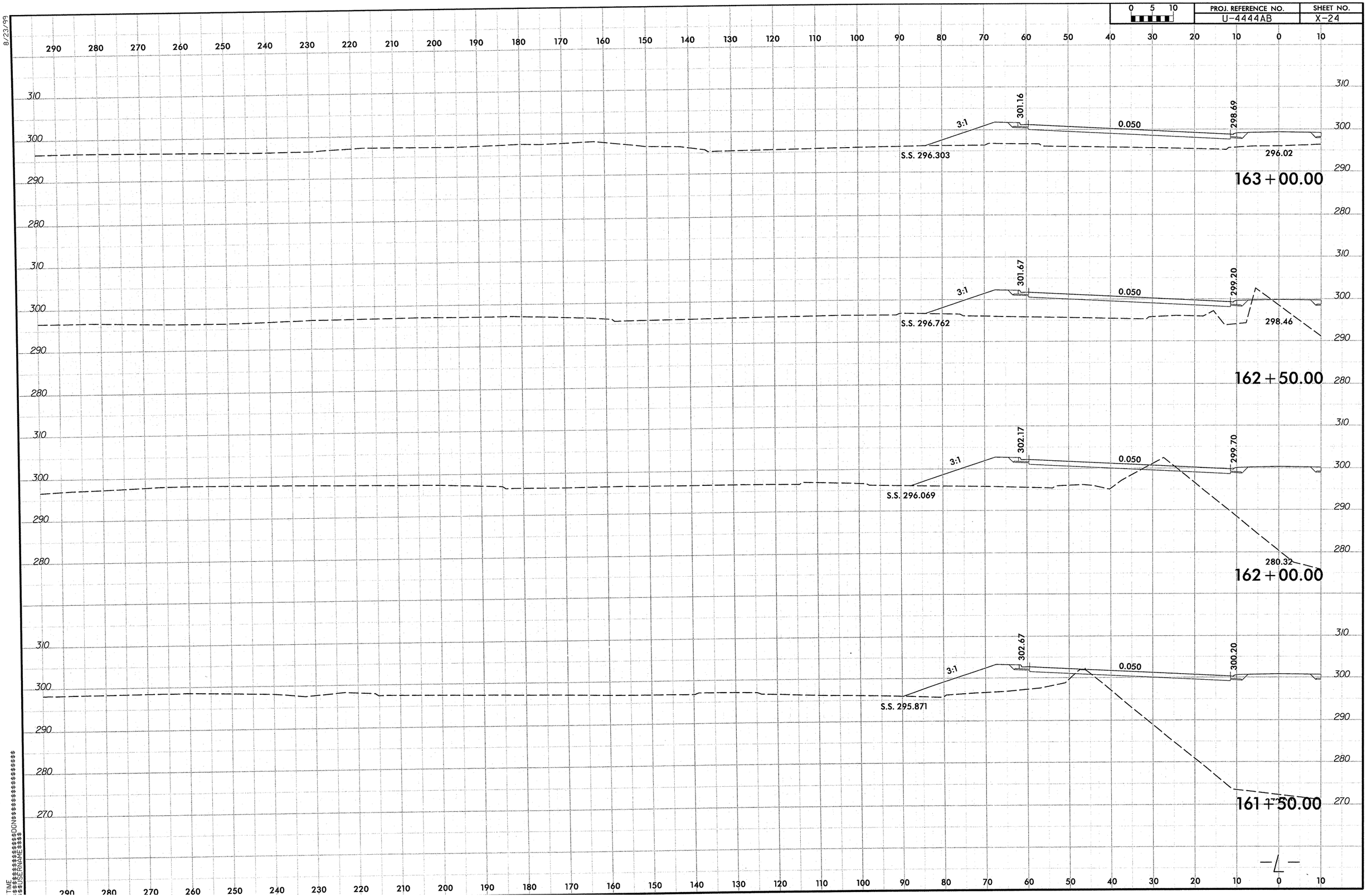


$$$$SYTIME$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

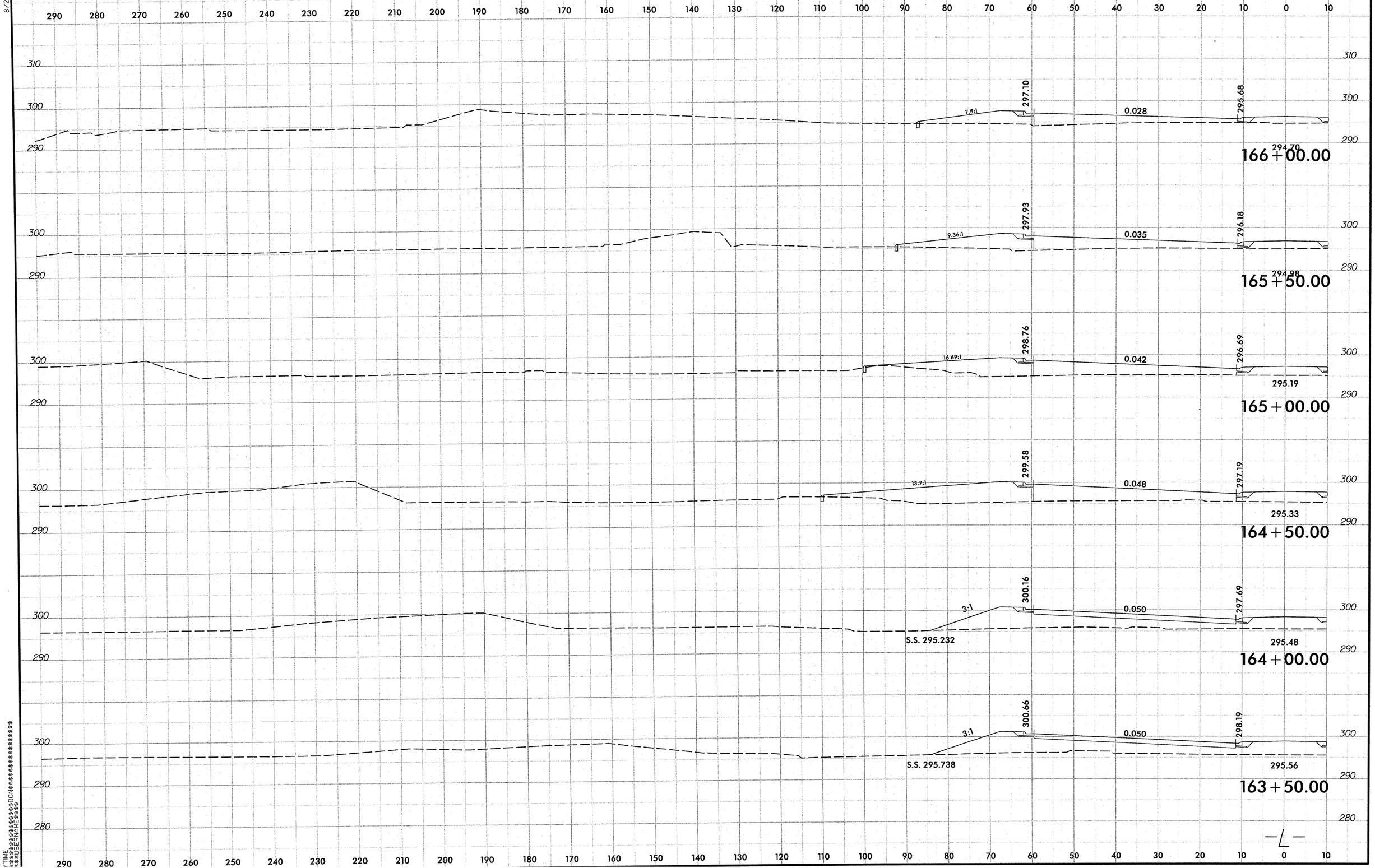


0 5 10
PROJ. REFERENCE NO.
U-4444AB
SHEET NO.
X-23
8/23/99
161+00.00
3:1
303.17
0.050
300.70
S.S. 297.425
160+50.00
3:1
303.67
0.050
301.20
S.S. 299.006
284.80
160+00.00
4:1
304.18
0.050
301.71
S.S. 301.485
286.93

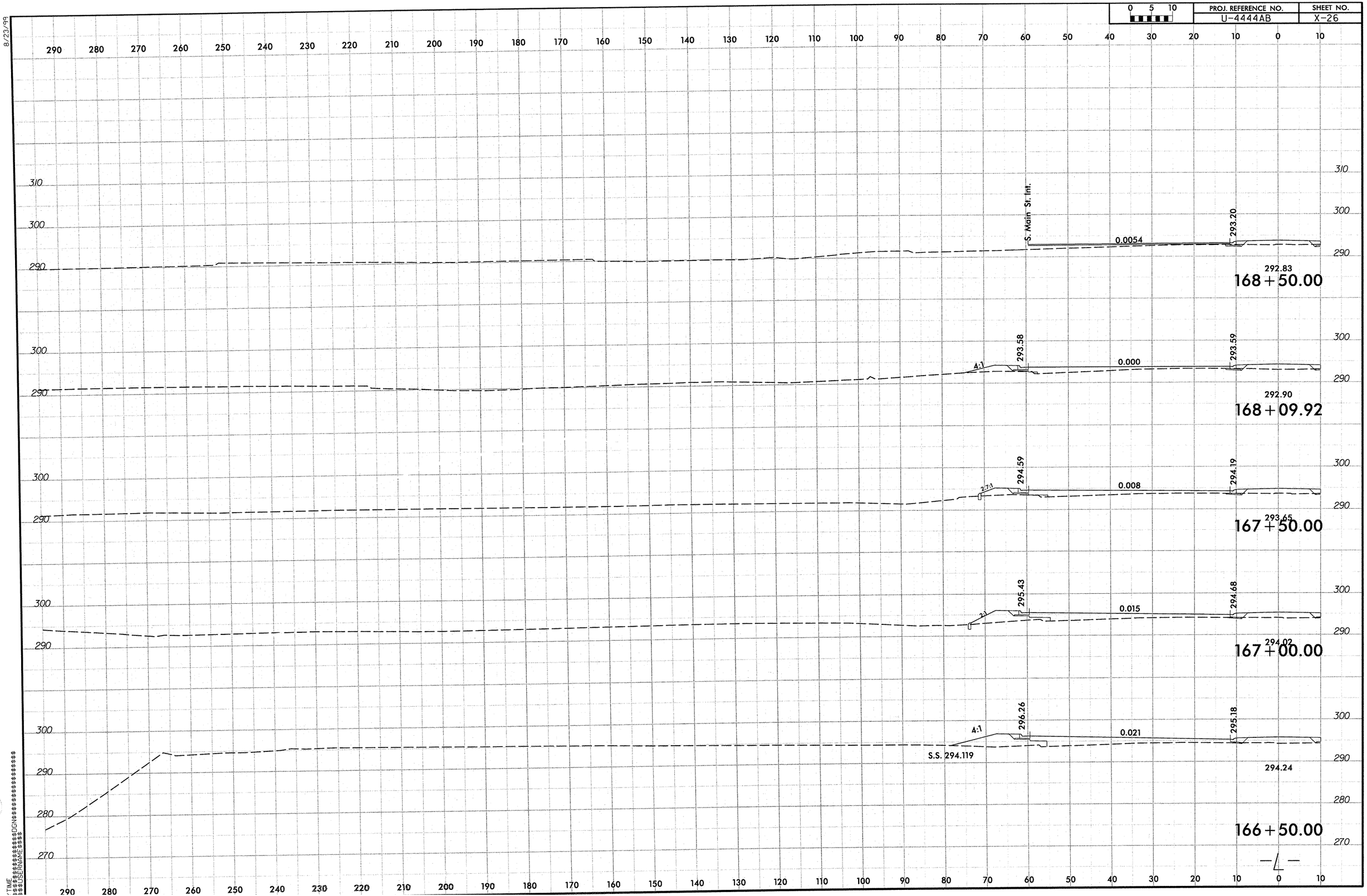
PROJ. REFERENCE NO.	SHEET NO.
U-4444AB	X-24



8/23/99



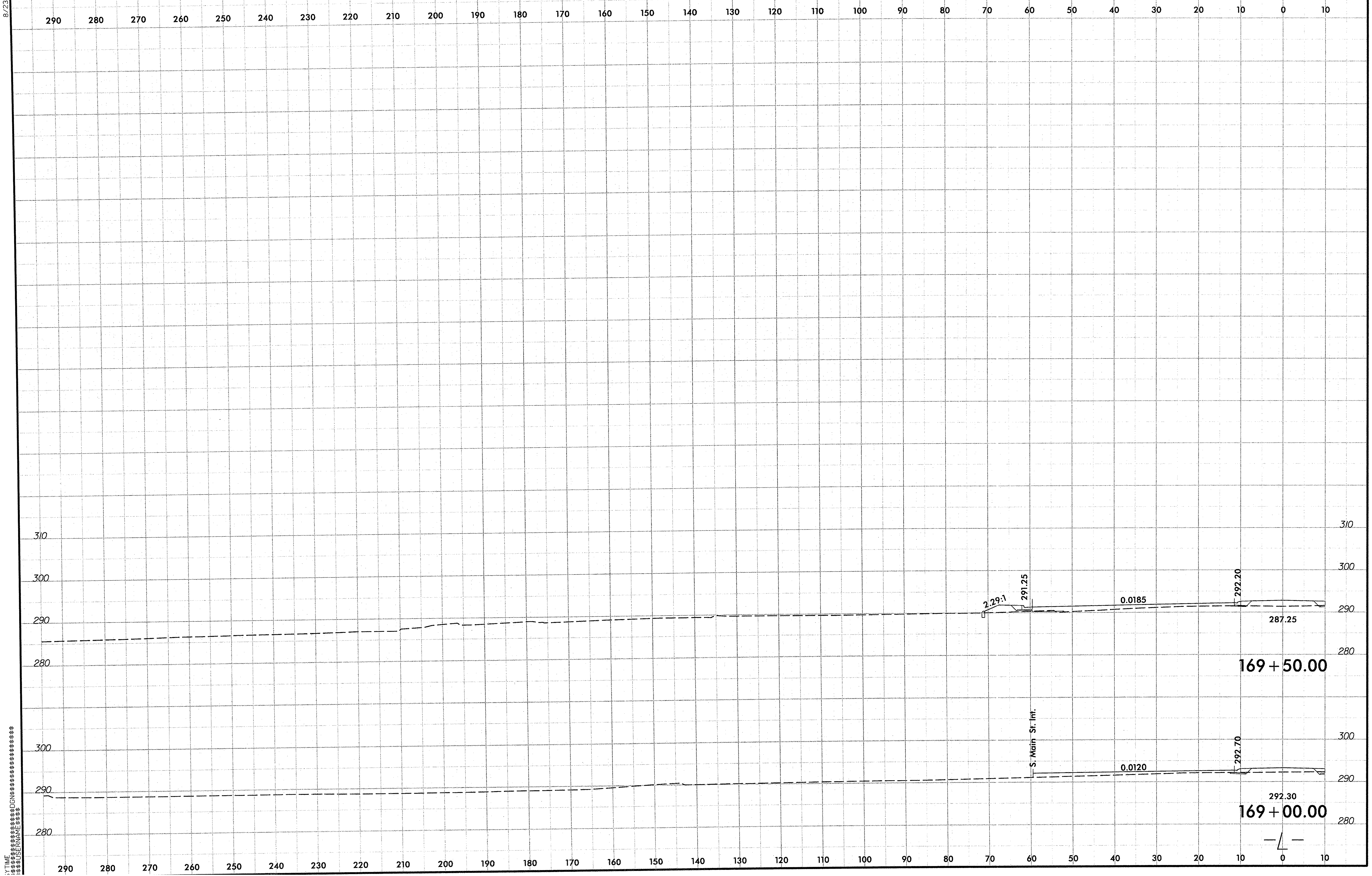
PROJ. REFERENCE NO.
U-4444AB
SHEET NO.
X-25
0 5 10
8/23/99
166+00.00
297.10
295.68
7.5:1
0.028
294.70
165+50.00
297.93
296.18
9.36:1
0.035
294.98
165+00.00
298.76
296.69
16.69:1
0.042
295.19
164+50.00
299.58
297.19
13.7:1
0.048
295.33
164+00.00
300.16
297.69
3:1
0.050
S.S. 295.232
295.48
163+50.00
300.66
298.19
3:1
0.050
S.S. 295.738
295.56



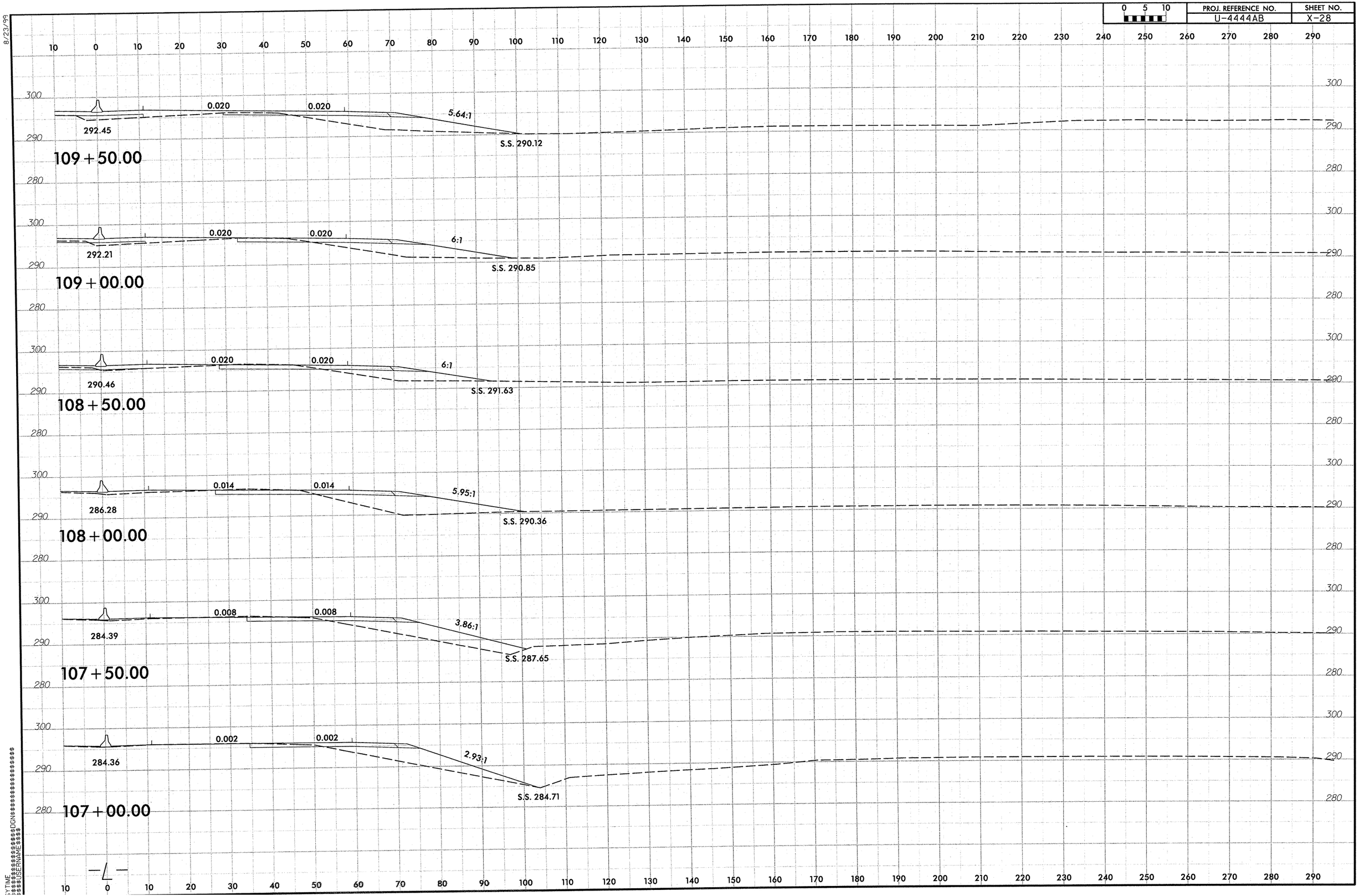
0 5 10
PROJ. REFERENCE NO.
U-4444AB
SHEET NO.
X-26
8/23/99
S. Main St. Int.
0.0054
293.20
292.83
168+50.00
4:1
293.58
0.000
293.59
292.90
168+09.92
2.7:1
294.59
0.008
294.19
293.65
167+50.00
2:1
295.43
0.015
294.68
294.02
167+00.00
4:1
296.26
0.021
295.18
S.S. 294.119
294.24
166+50.00

8/23/99

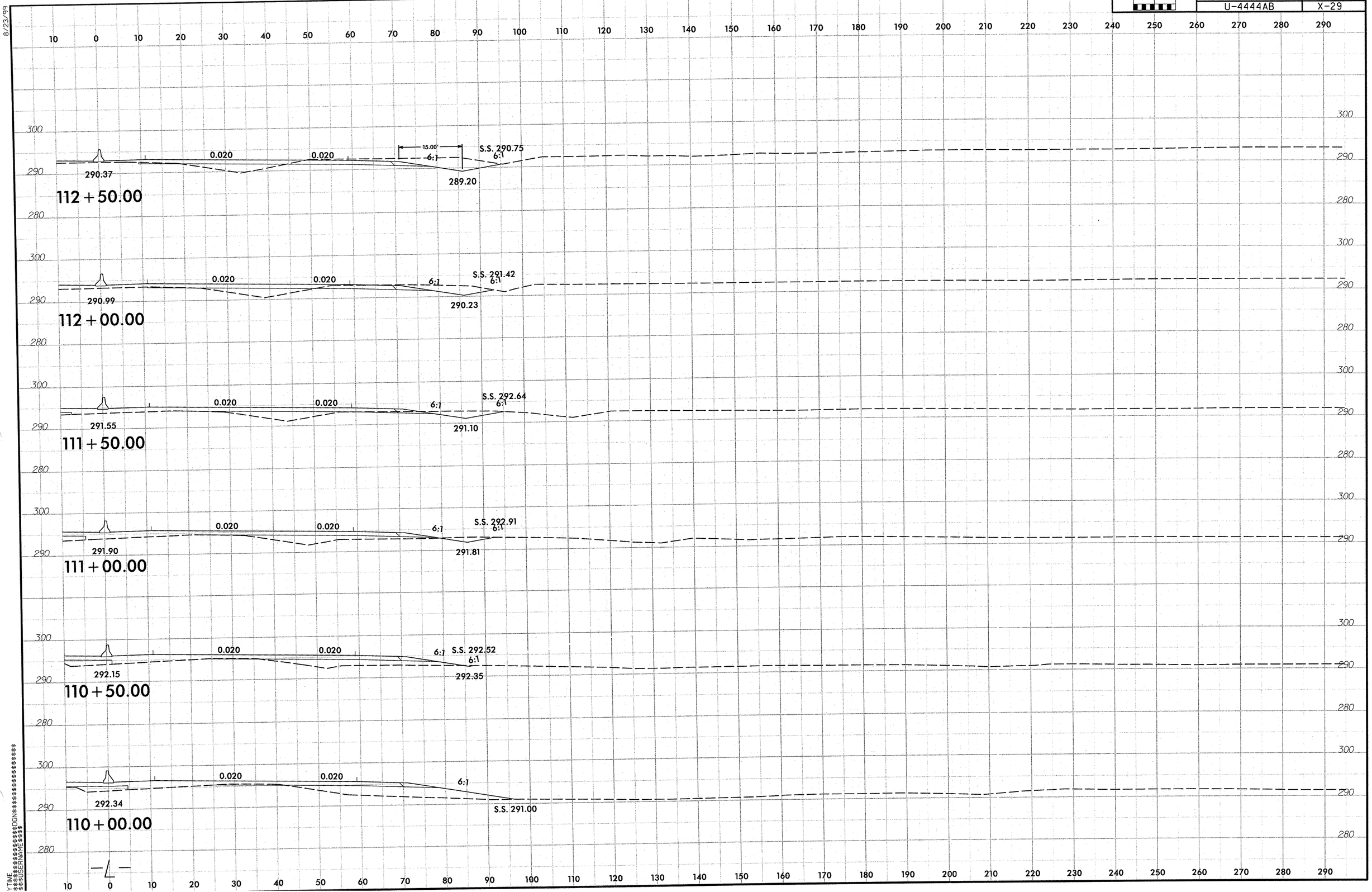
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-27



$$$SYTIME$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$USERNAME$$$$$

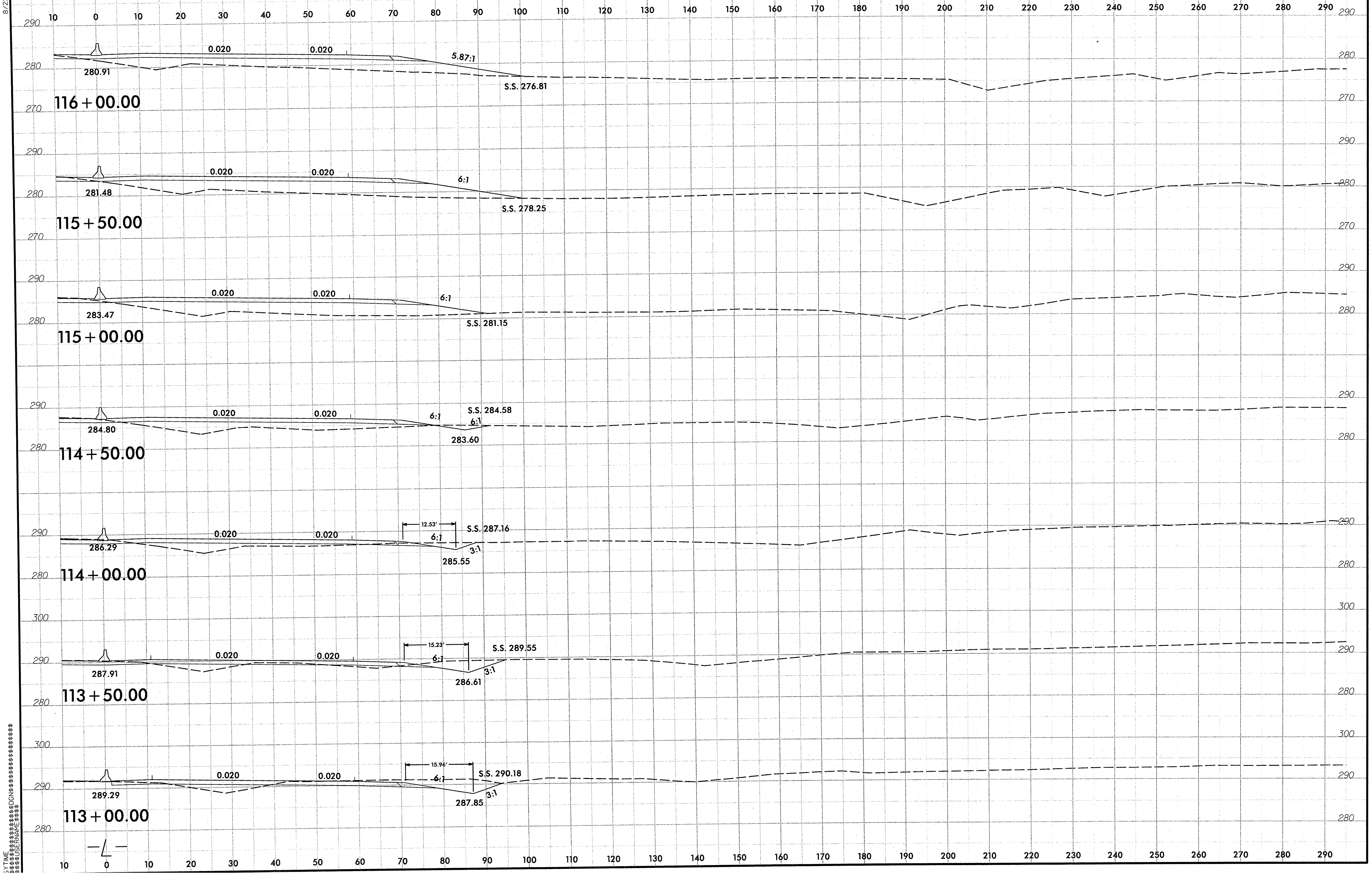


0 5 10
PROJ. REFERENCE NO.
U-4444AB
SHEET NO.
X-28
8/23/99
0.020
0.020
5.64:1
292.45
S.S. 290.12
109+50.00
0.020
0.020
6:1
292.21
S.S. 290.85
109+00.00
0.020
0.020
6:1
290.46
S.S. 291.63
108+50.00
0.014
0.014
5.95:1
286.28
S.S. 290.36
108+00.00
0.008
0.008
3.86:1
284.39
S.S. 287.65
107+50.00
0.002
0.002
2.93:1
284.36
S.S. 284.71
107+00.00



0 5 10
PROJ. REFERENCE NO.
U-4444AB
SHEET NO.
X-29
8/23/99
0.020
0.020
15.00'
6:1
S.S. 290.75
6:1
290.37
289.20
112+50.00
0.020
0.020
6:1
S.S. 291.42
6:1
290.99
290.23
112+00.00
0.020
0.020
6:1
S.S. 292.64
6:1
291.55
291.10
111+50.00
0.020
0.020
6:1
S.S. 292.91
6:1
291.90
291.81
111+00.00
0.020
0.020
6:1
S.S. 292.52
6:1
292.15
292.35
110+50.00
0.020
0.020
6:1
292.34
S.S. 291.00
110+00.00

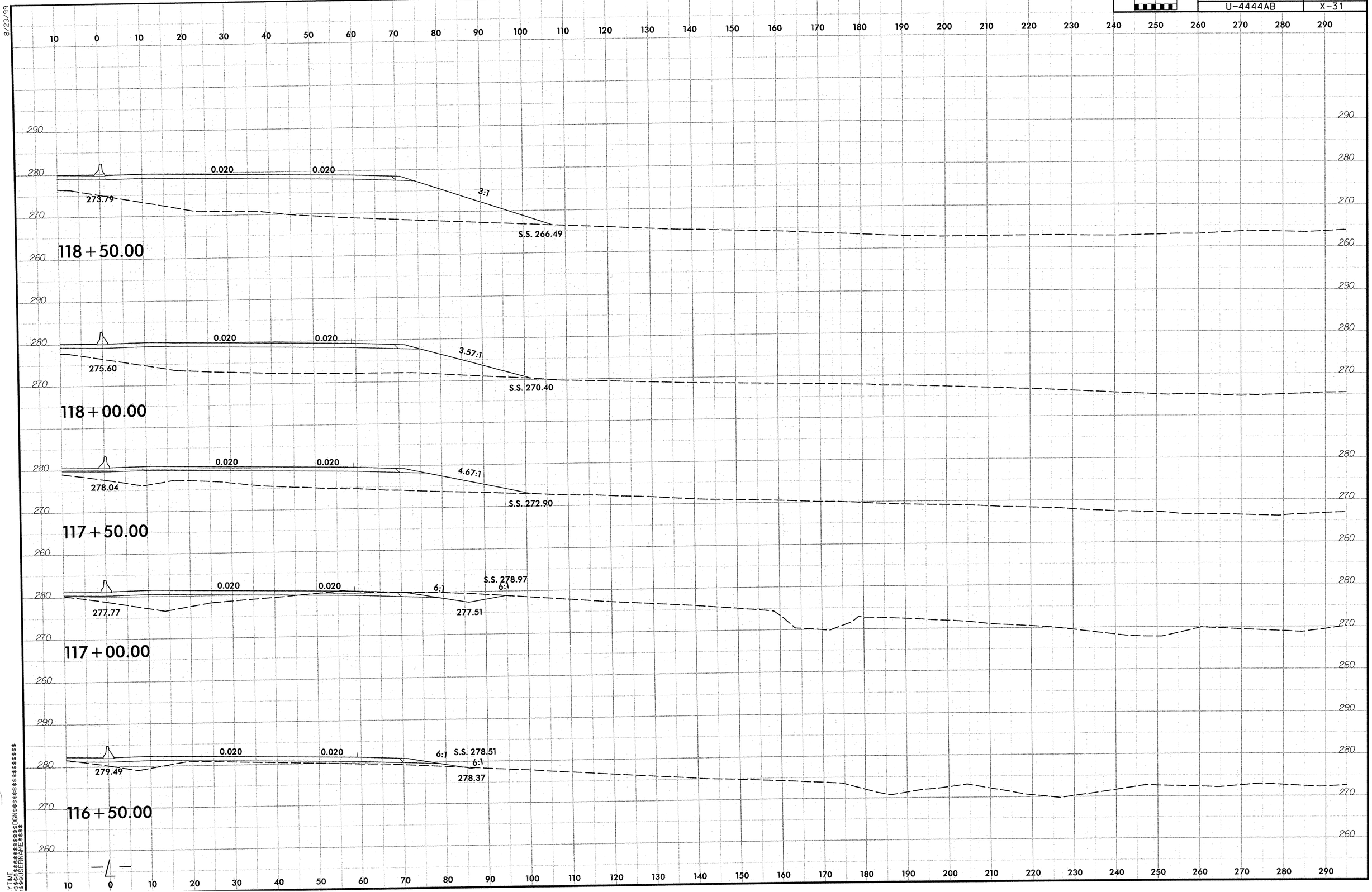
PROJ. REFERENCE NO.	SHEET NO.
U-4444AB	X-30



8/23/99

$$$$SYTIME$$$$ $$$$USERNAME$$$$ $$$$DGN$$$$

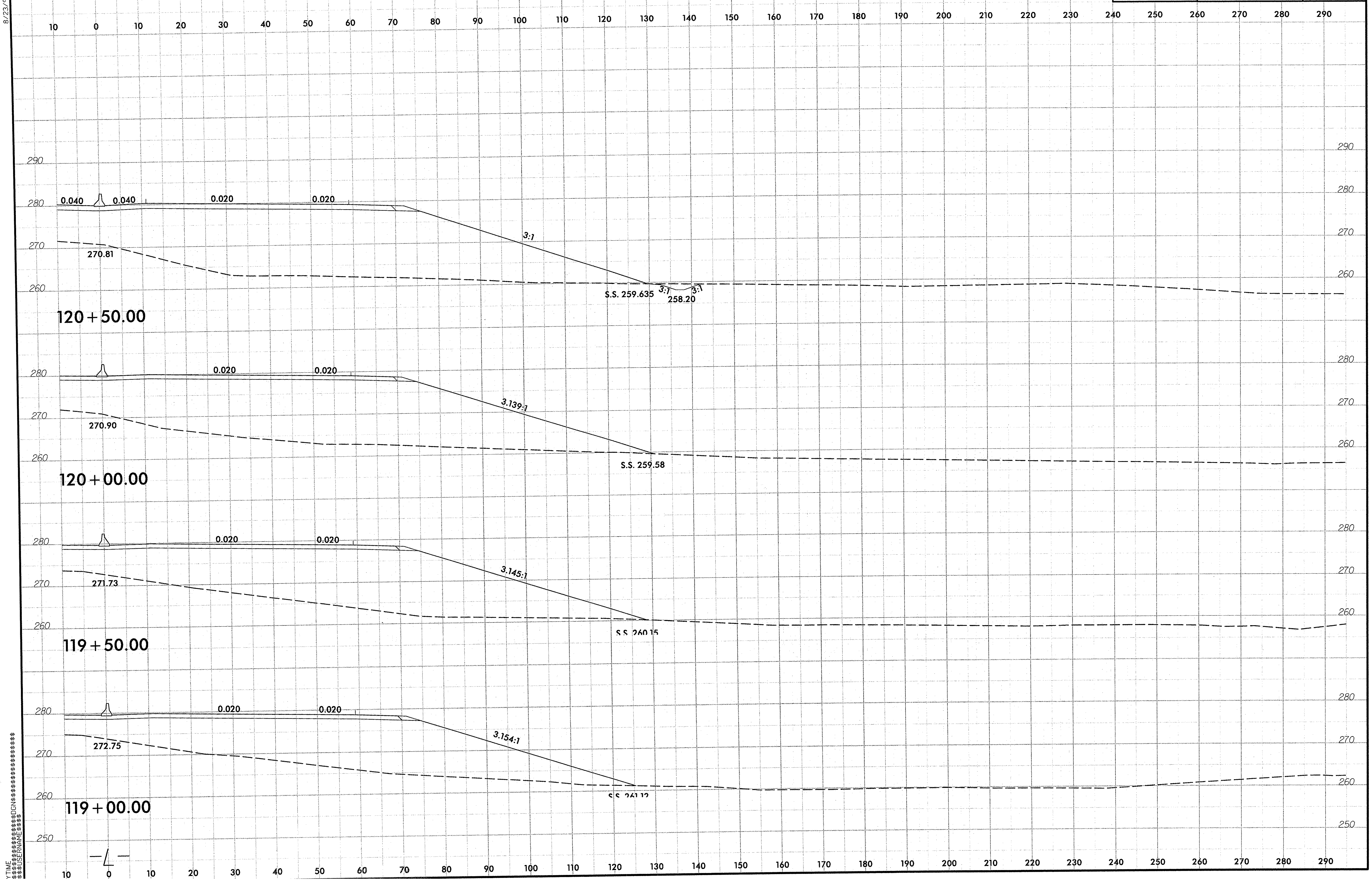
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-31

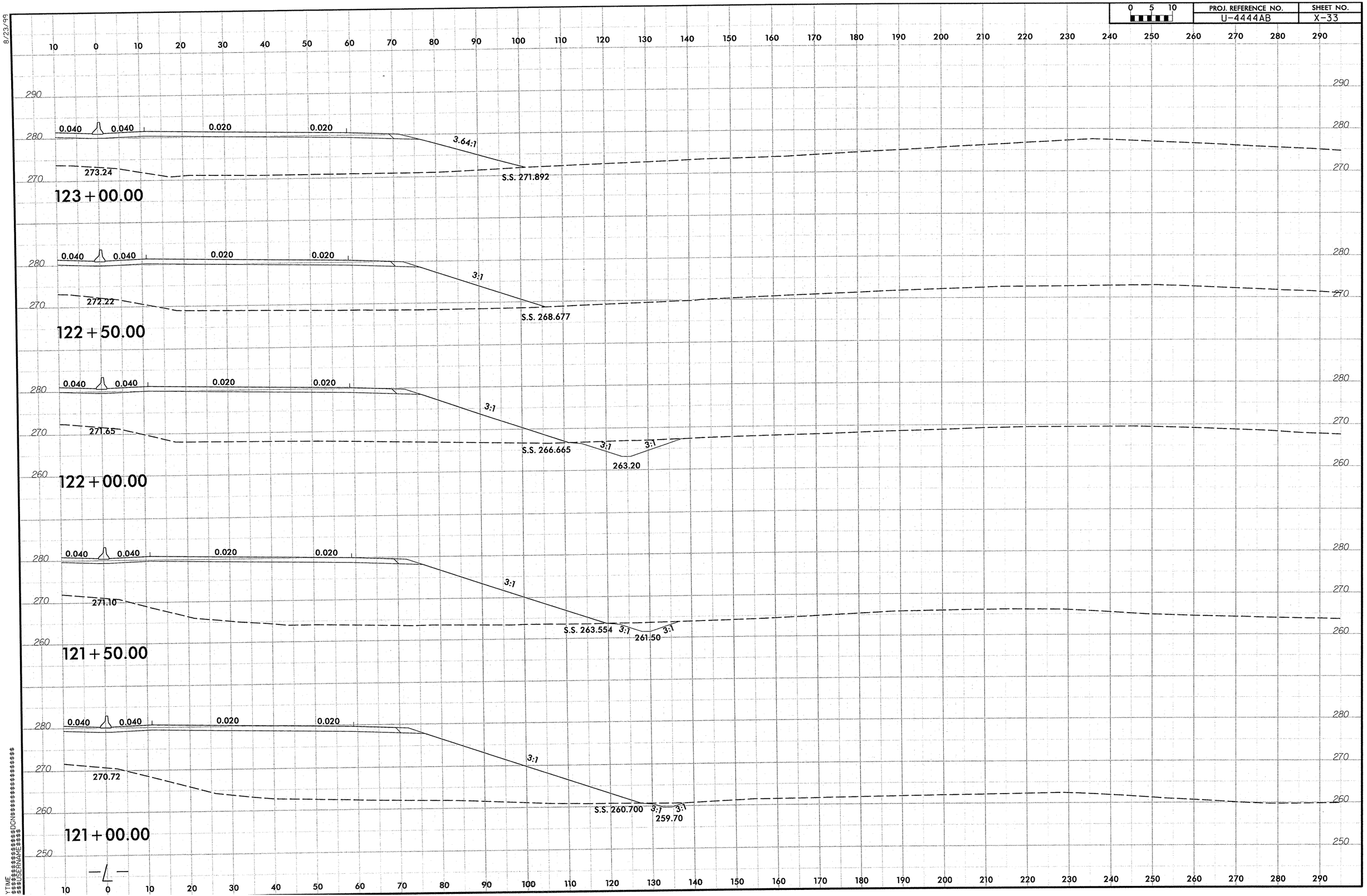


8/23/99

PROJ. REFERENCE NO. U-4444AB

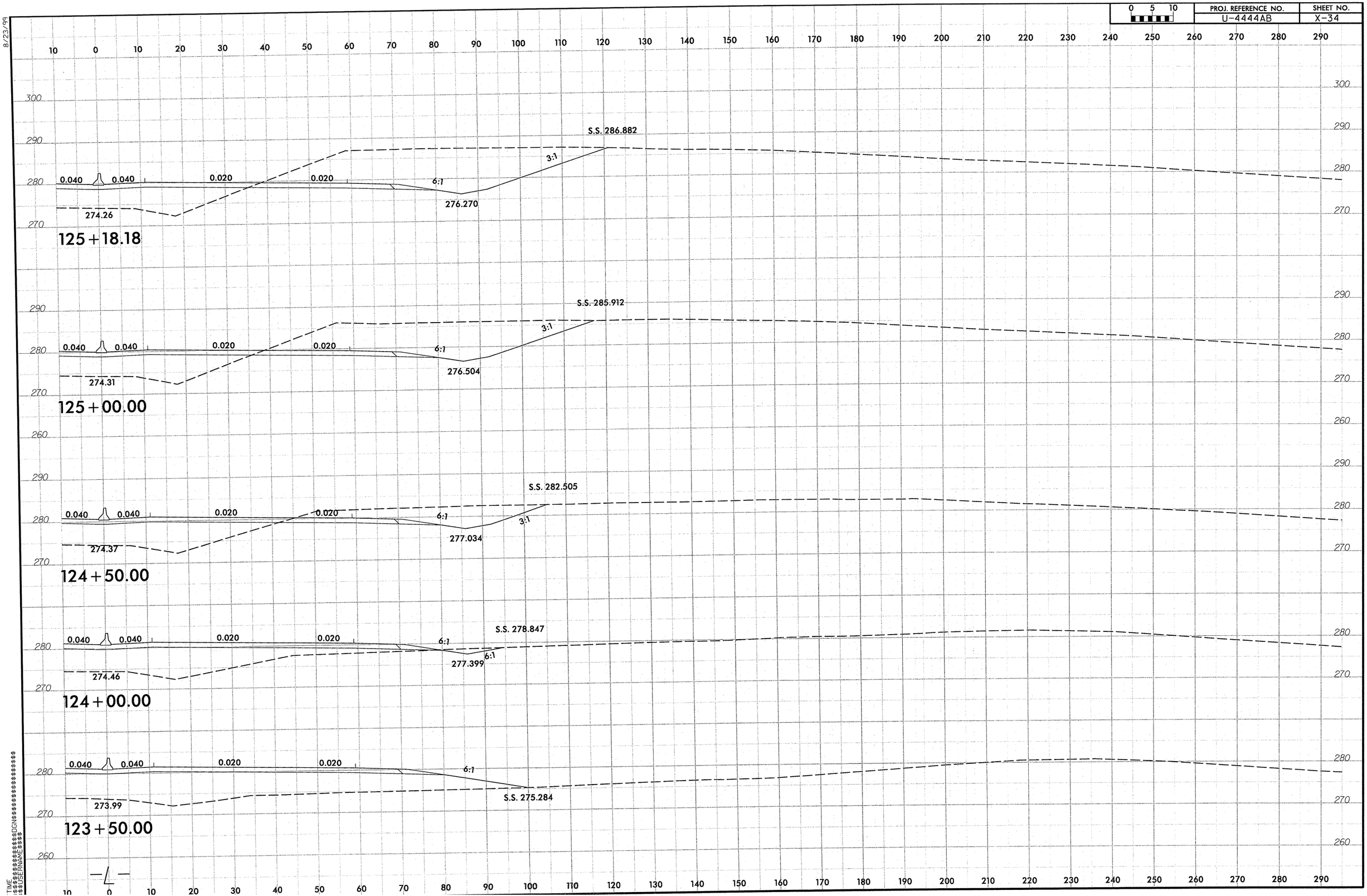
SHEET NO. X-32



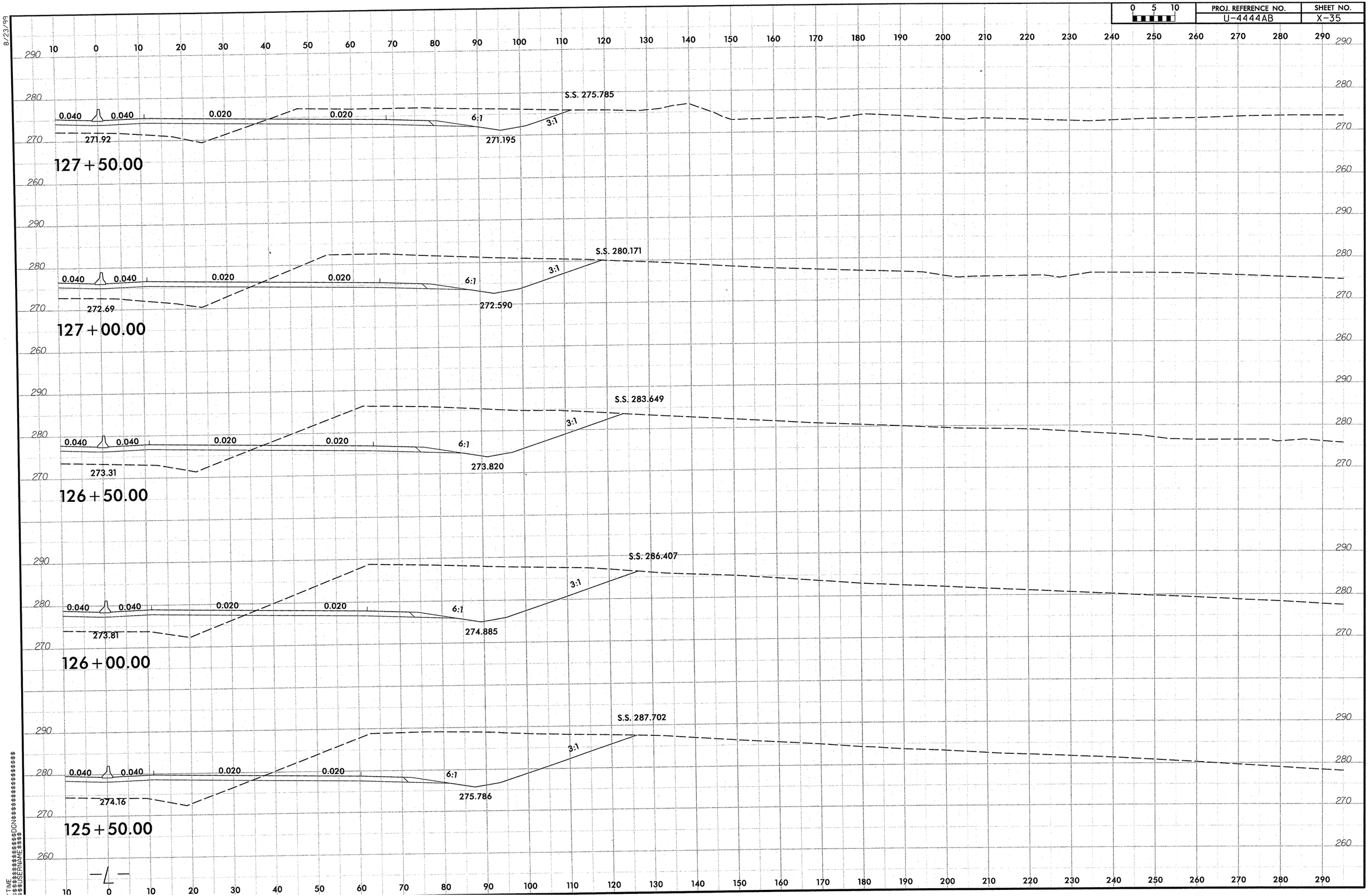


0 5 10
PROJ. REFERENCE NO.
U-4444AB
SHEET NO.
X-33
8/23/99
0.040
0.040
0.020
0.020
3.64:1
273.24
S.S. 271.892
123+00.00
3:1
272.22
S.S. 268.677
122+50.00
271.65
S.S. 266.665
263.20
122+00.00
271.10
S.S. 263.554
261.50
121+50.00
270.72
S.S. 260.700
259.70
121+00.00

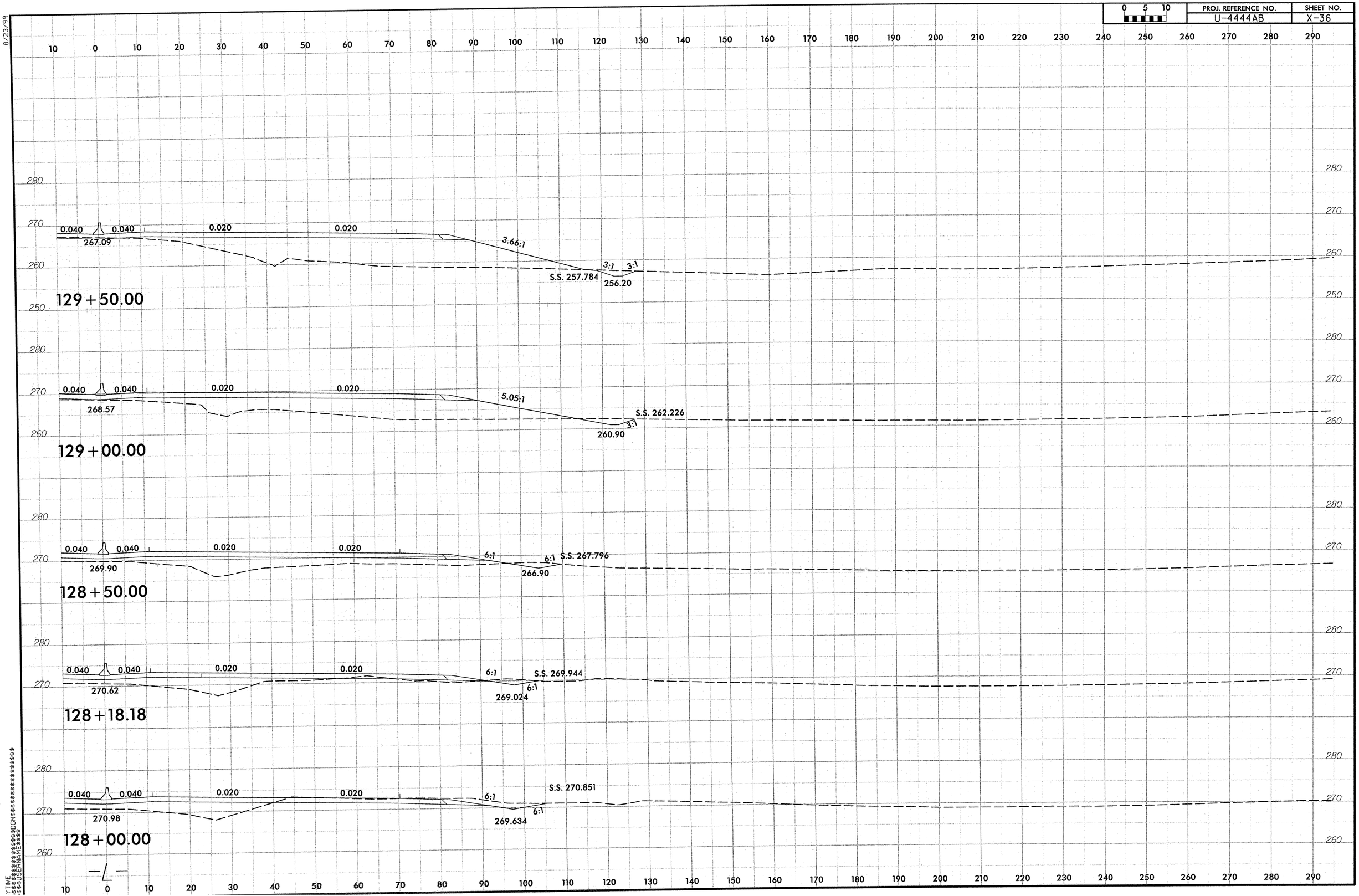
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-34



0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-35

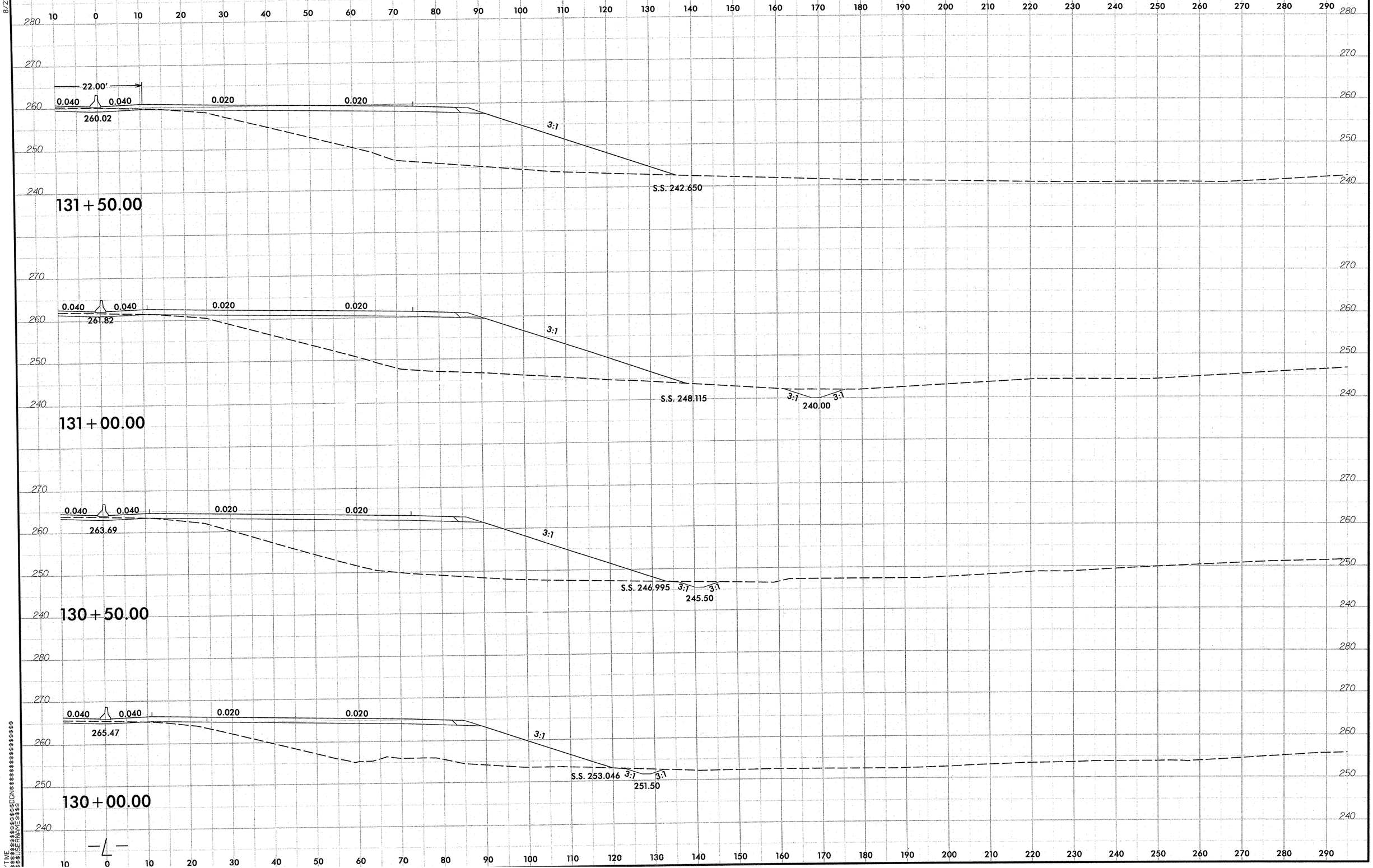


PROJ. REFERENCE NO.	SHEET NO.
U-4444AB	X-36



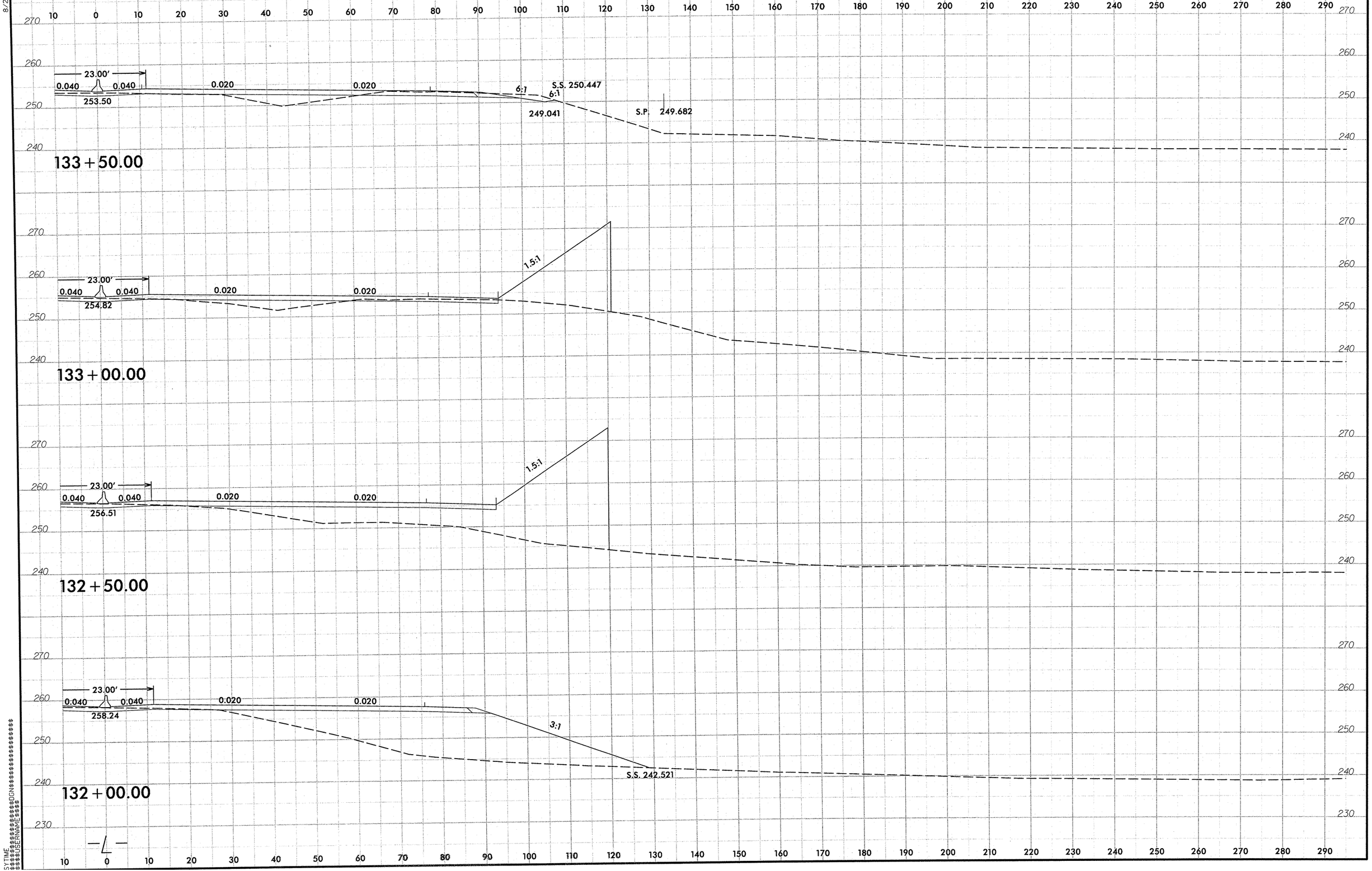
8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-37



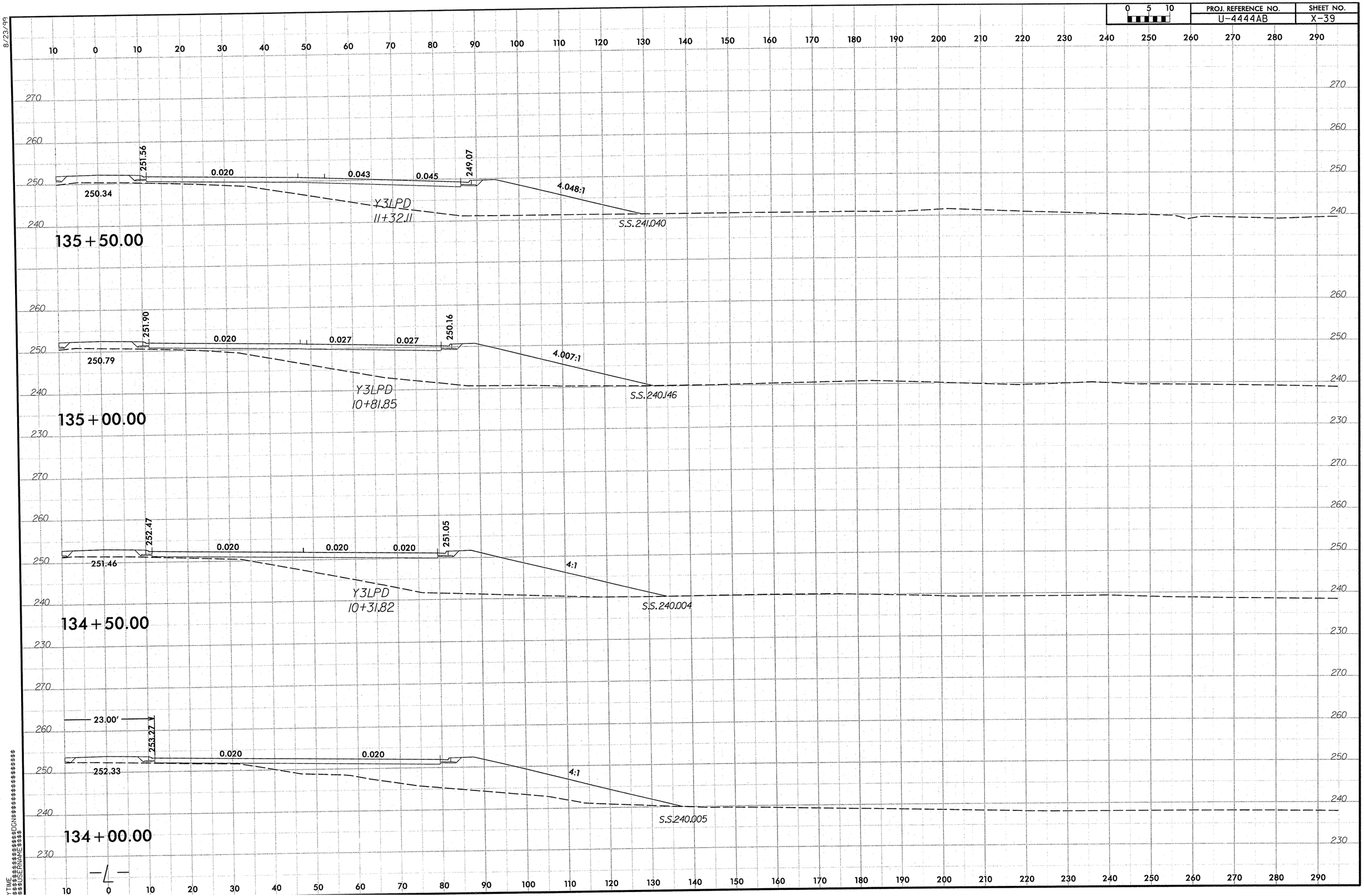
8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-38



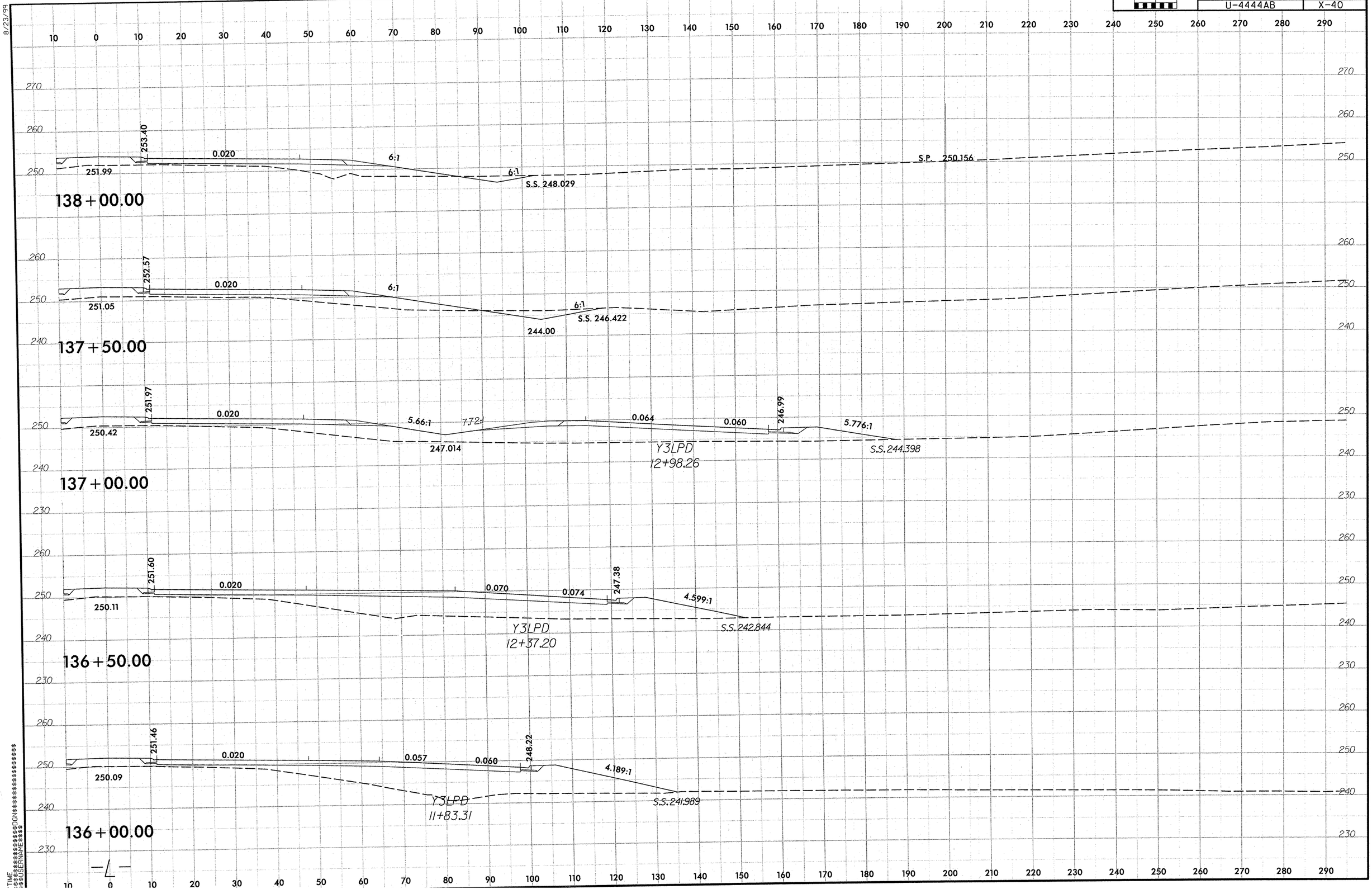
8/23/99

$$$$TIME
$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

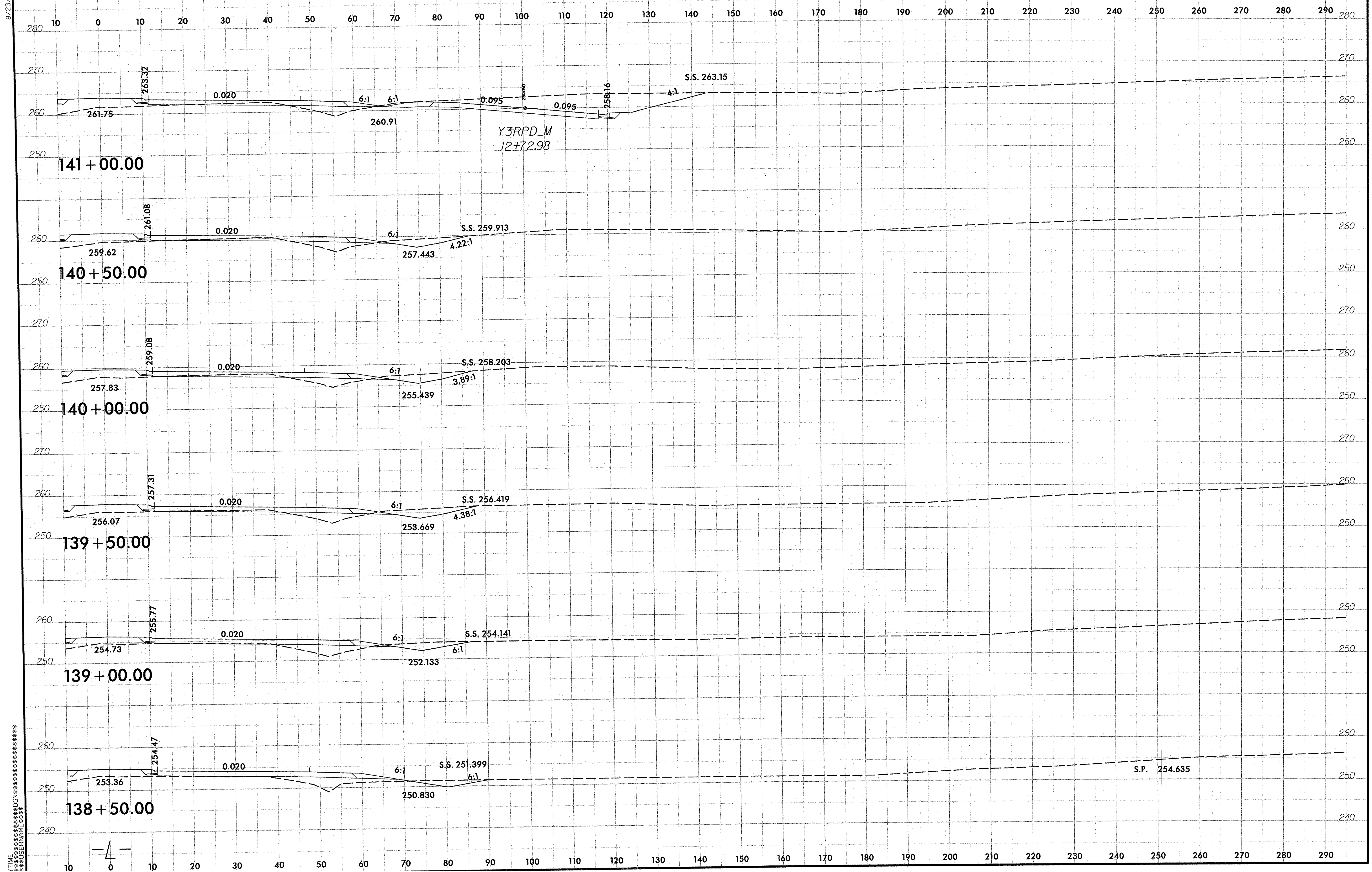


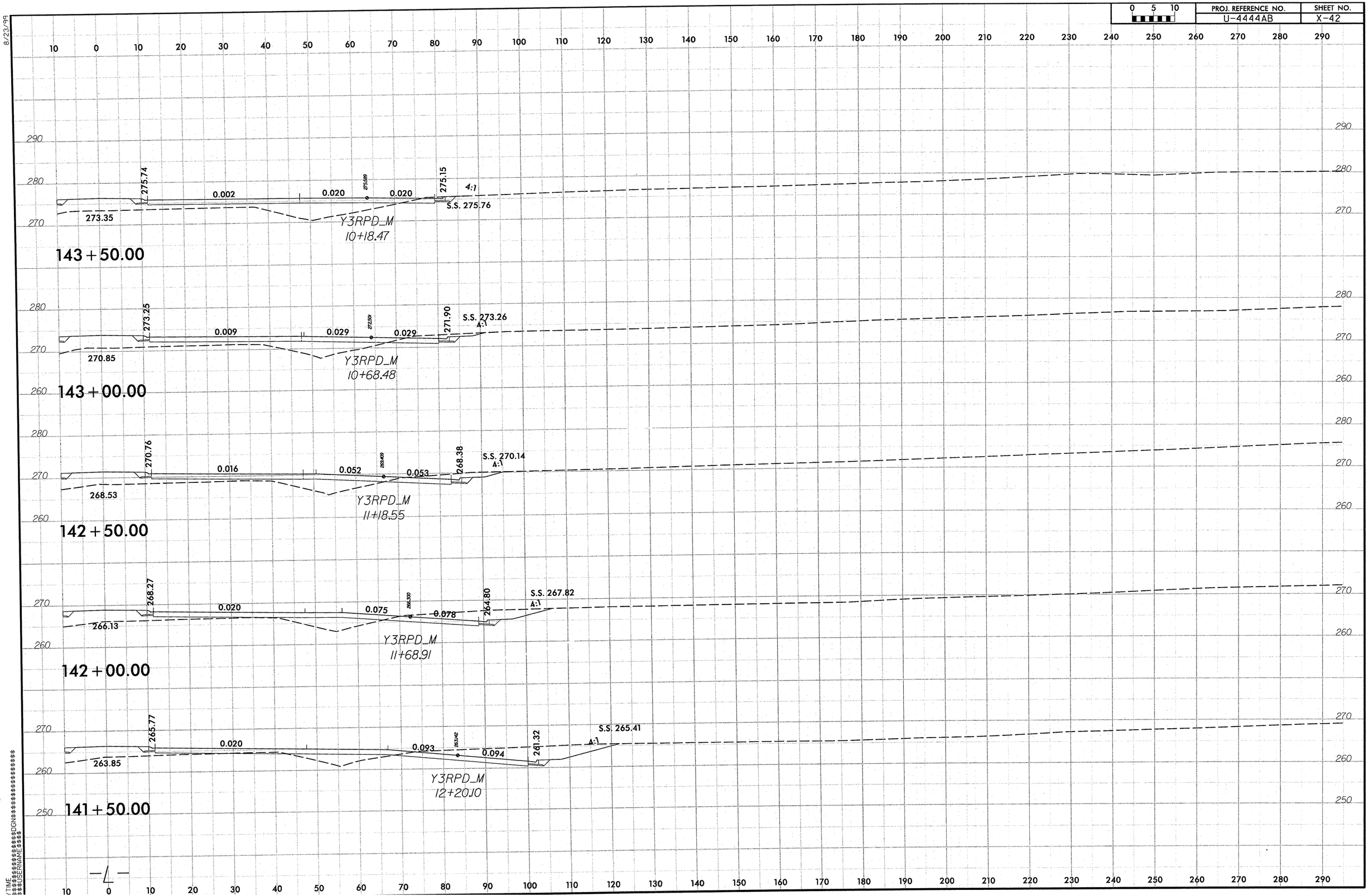
0 5 10
PROJ. REFERENCE NO.
U-4444AB
SHEET NO.
X-39
8/23/99
135+50.00
251.56
0.020
0.043
0.045
249.07
250.34
4.048:1
Y3LPD
11+32.11
S.S.241.040
135+00.00
251.90
0.020
0.027
0.027
250.16
250.79
4.007:1
Y3LPD
10+81.85
S.S.240.146
134+50.00
252.47
0.020
0.020
0.020
251.05
251.46
4:1
Y3LPD
10+31.82
S.S.240.004
134+00.00
23.00'
253.27
0.020
0.020
252.33
4:1
S.S.240.005

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-40



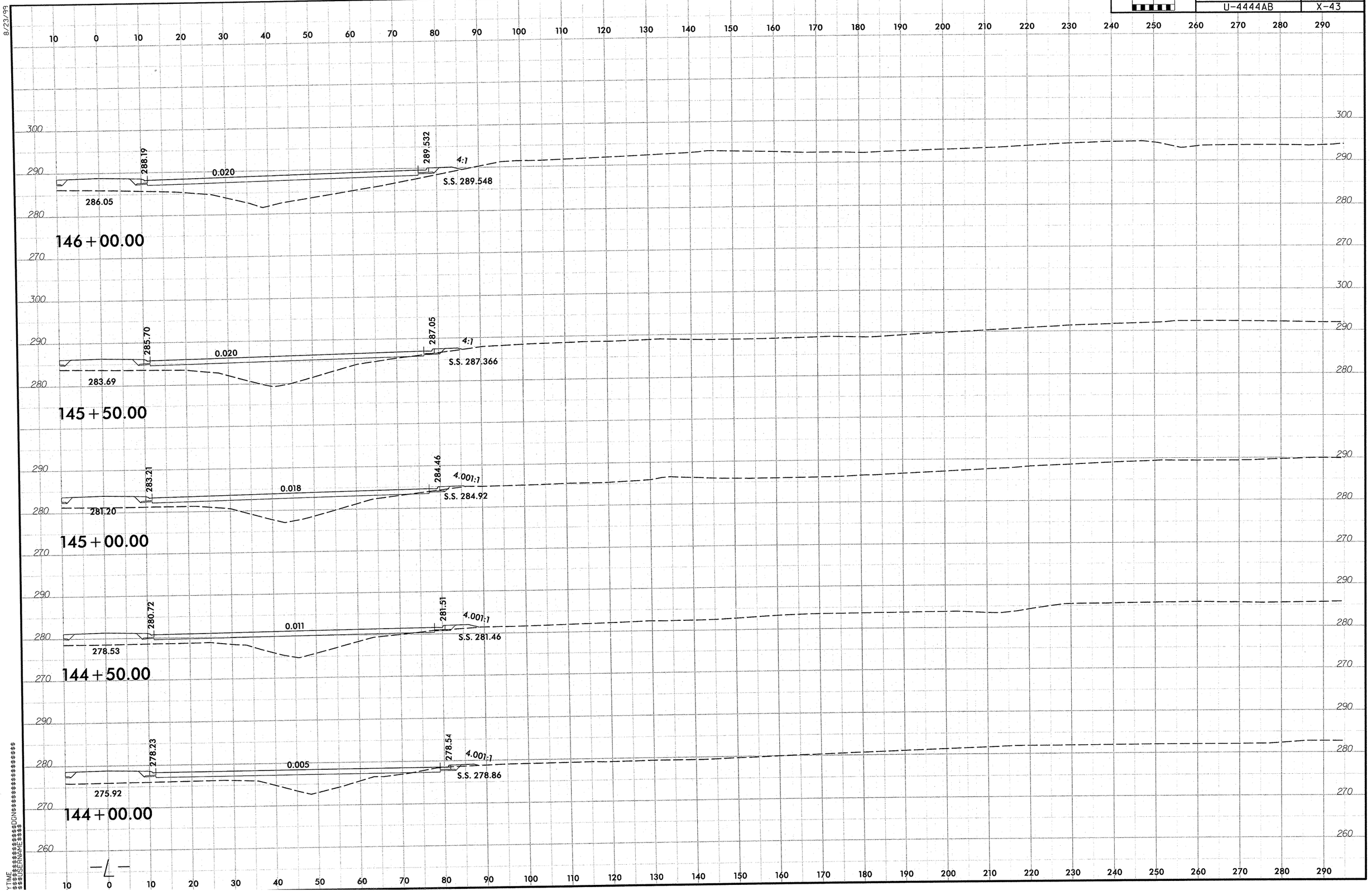
PROJ. REFERENCE NO.	SHEET NO.
U-4444AB	X-41



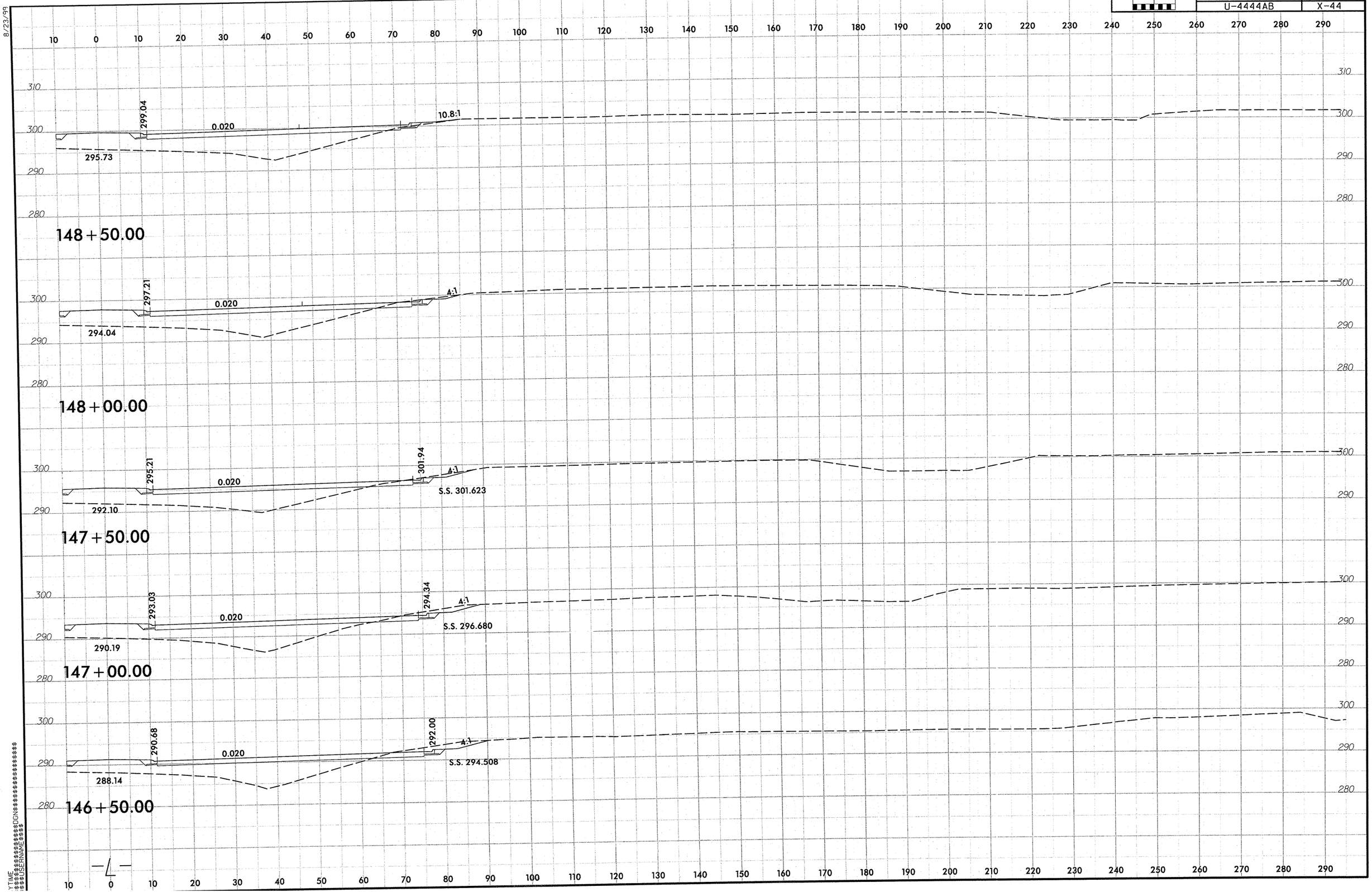


0 5 10
PROJ. REFERENCE NO.
U-4444AB
SHEET NO.
X-42
8/23/99
275.74
0.002
0.020
275.15
4:1
S.S. 275.76
273.35
Y3RPD_M
10+18.47
143+50.00
273.25
0.009
0.029
271.90
S.S. 273.26
4:1
270.85
Y3RPD_M
10+68.48
143+00.00
270.76
0.016
0.052
0.053
268.38
S.S. 270.14
4:1
268.53
Y3RPD_M
11+18.55
142+50.00
268.27
0.020
0.075
0.078
264.80
S.S. 267.82
4:1
266.13
Y3RPD_M
11+68.91
142+00.00
265.77
0.020
0.093
0.094
261.32
S.S. 265.41
4:1
263.85
Y3RPD_M
12+20.10
141+50.00

PROJ. REFERENCE NO.	SHEET NO.
U-4444AB	X-43

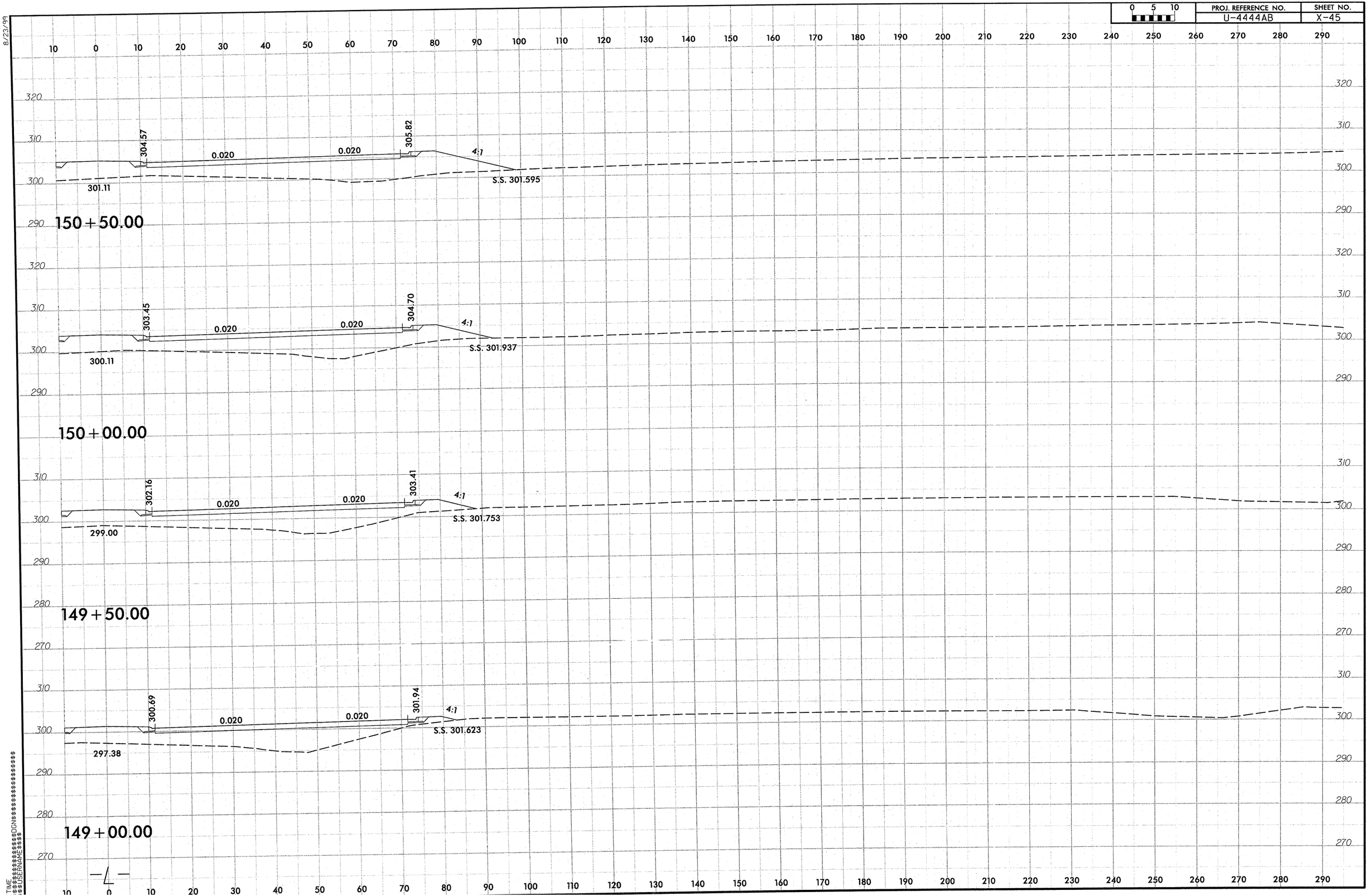


8/23/99

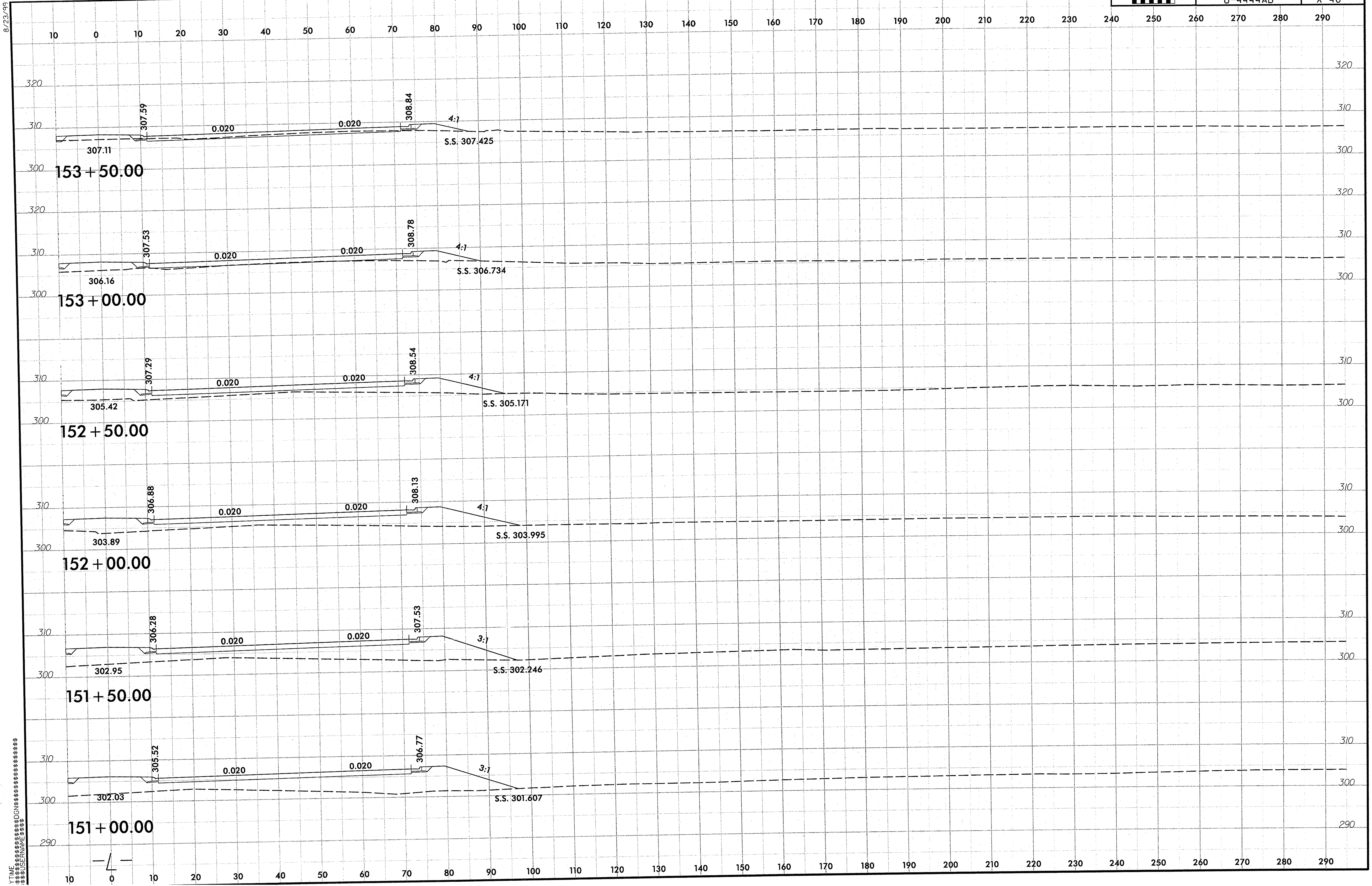


0 5 10
PROJ. REFERENCE NO.
U-4444AB
SHEET NO.
X-44
8/23/99
148+50.00
299.04
0.020
10.8:1
295.73
148+00.00
297.21
0.020
4:1
294.04
147+50.00
295.21
0.020
301.94
4:1
S.S. 301.623
292.10
147+00.00
293.03
0.020
294.34
4:1
S.S. 296.680
290.19
146+50.00
290.68
0.020
292.00
4:1
S.S. 294.508
288.14

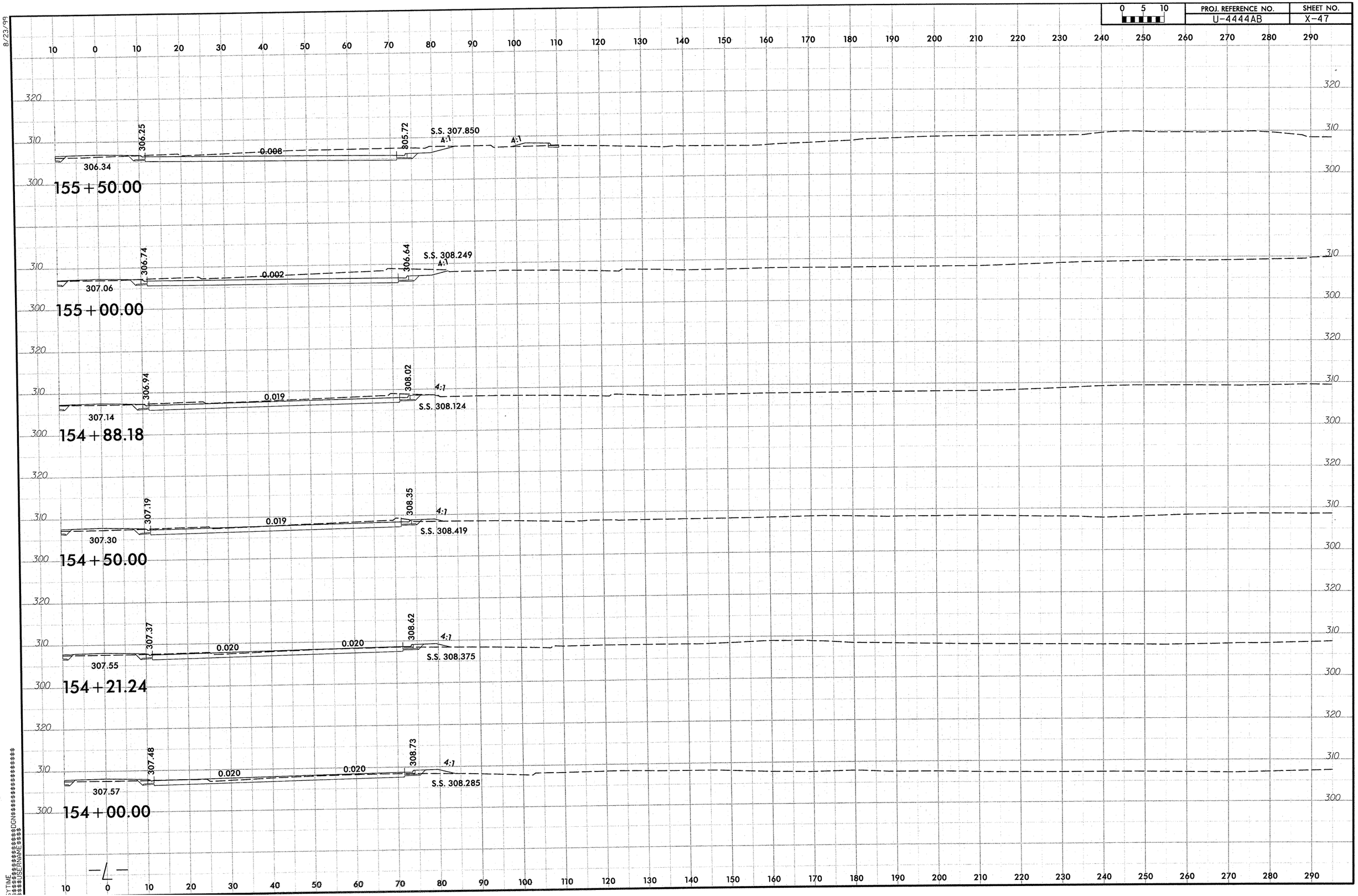
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-45



0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-46



0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-47



8/23/99

DATE/TIME
$$$$USERNAME$$$$
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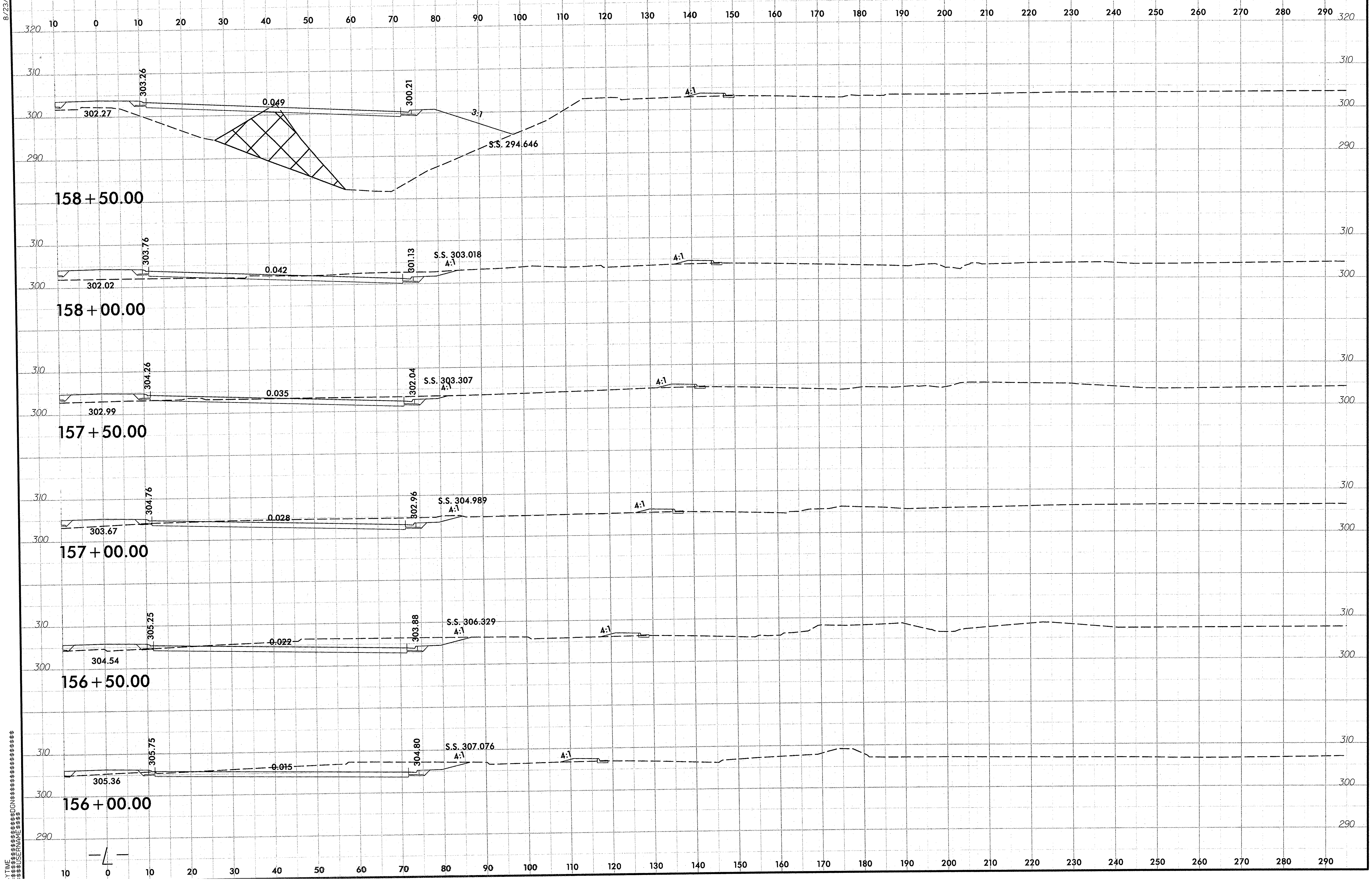
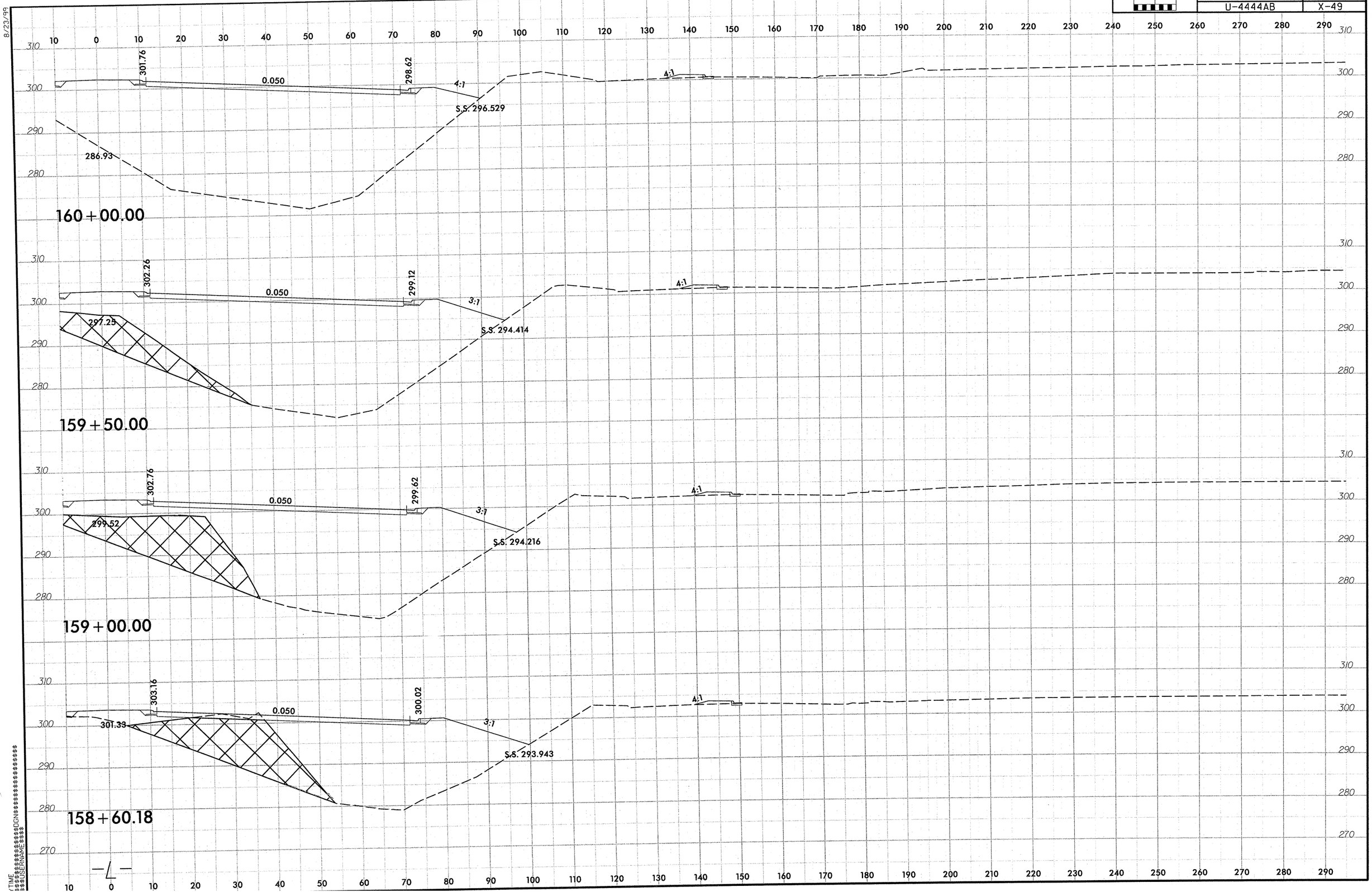
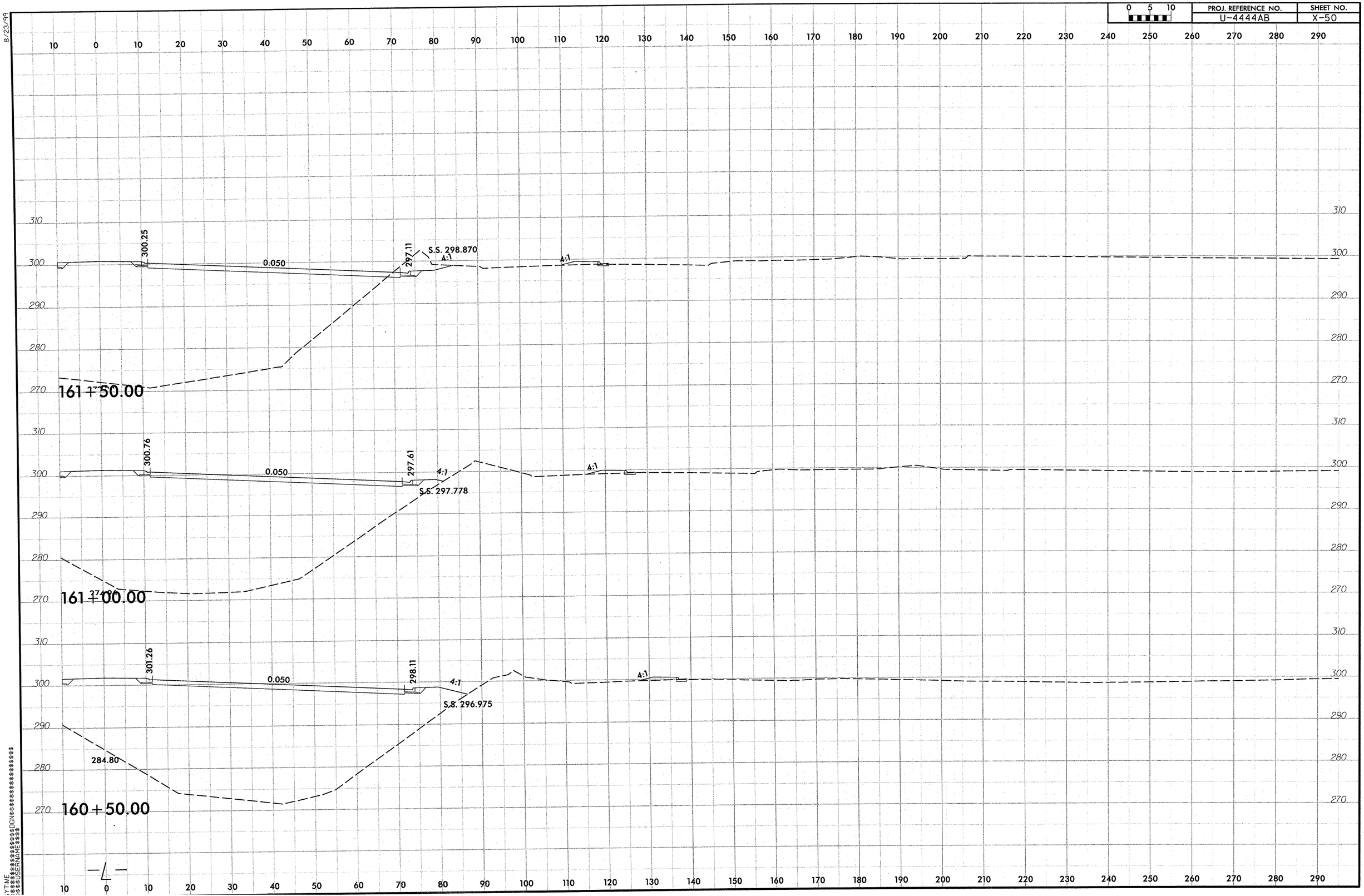
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-48



PROJ. REFERENCE NO.	SHEET NO.
U-4444AB	X-49

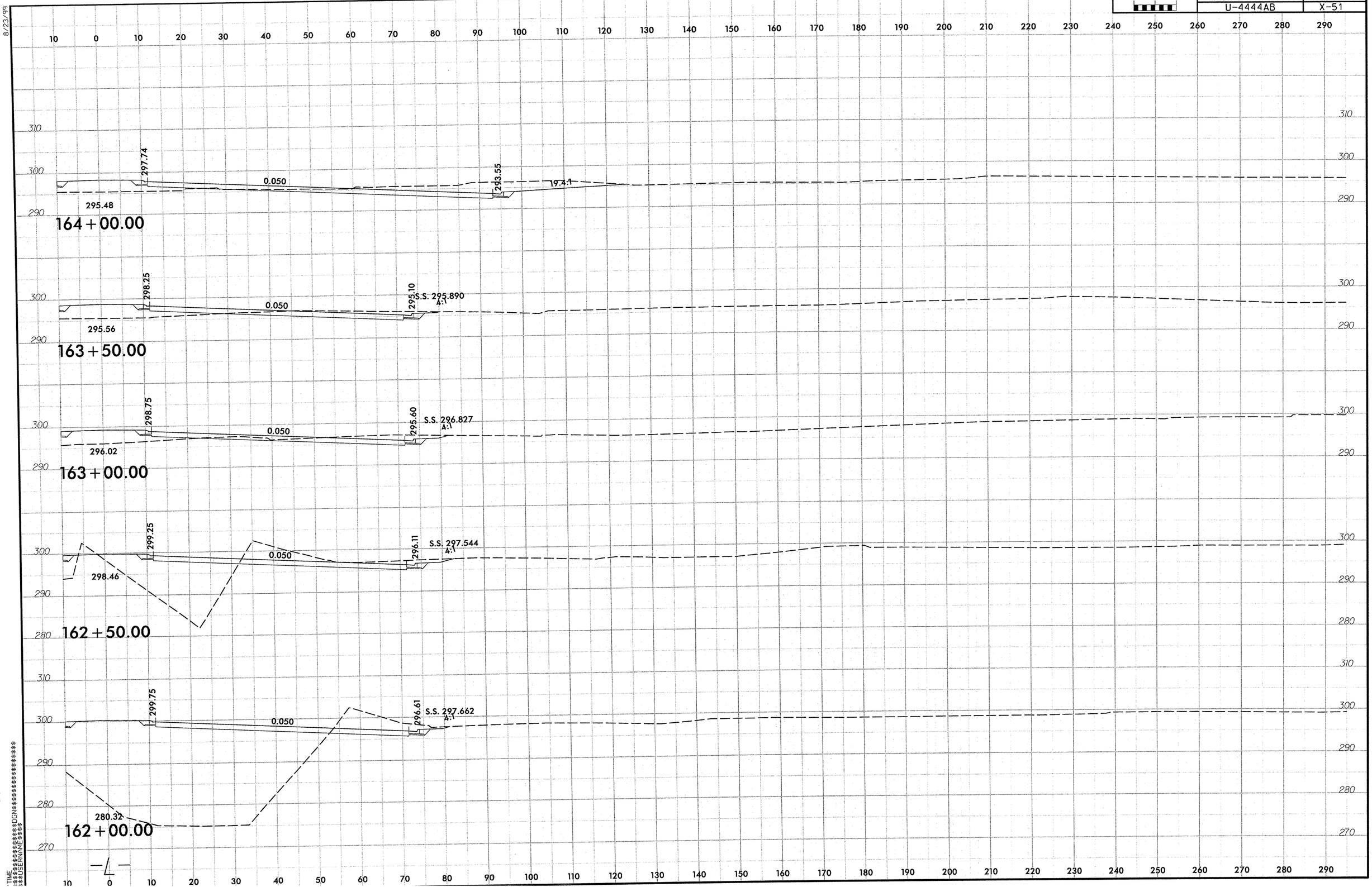


8/23/99



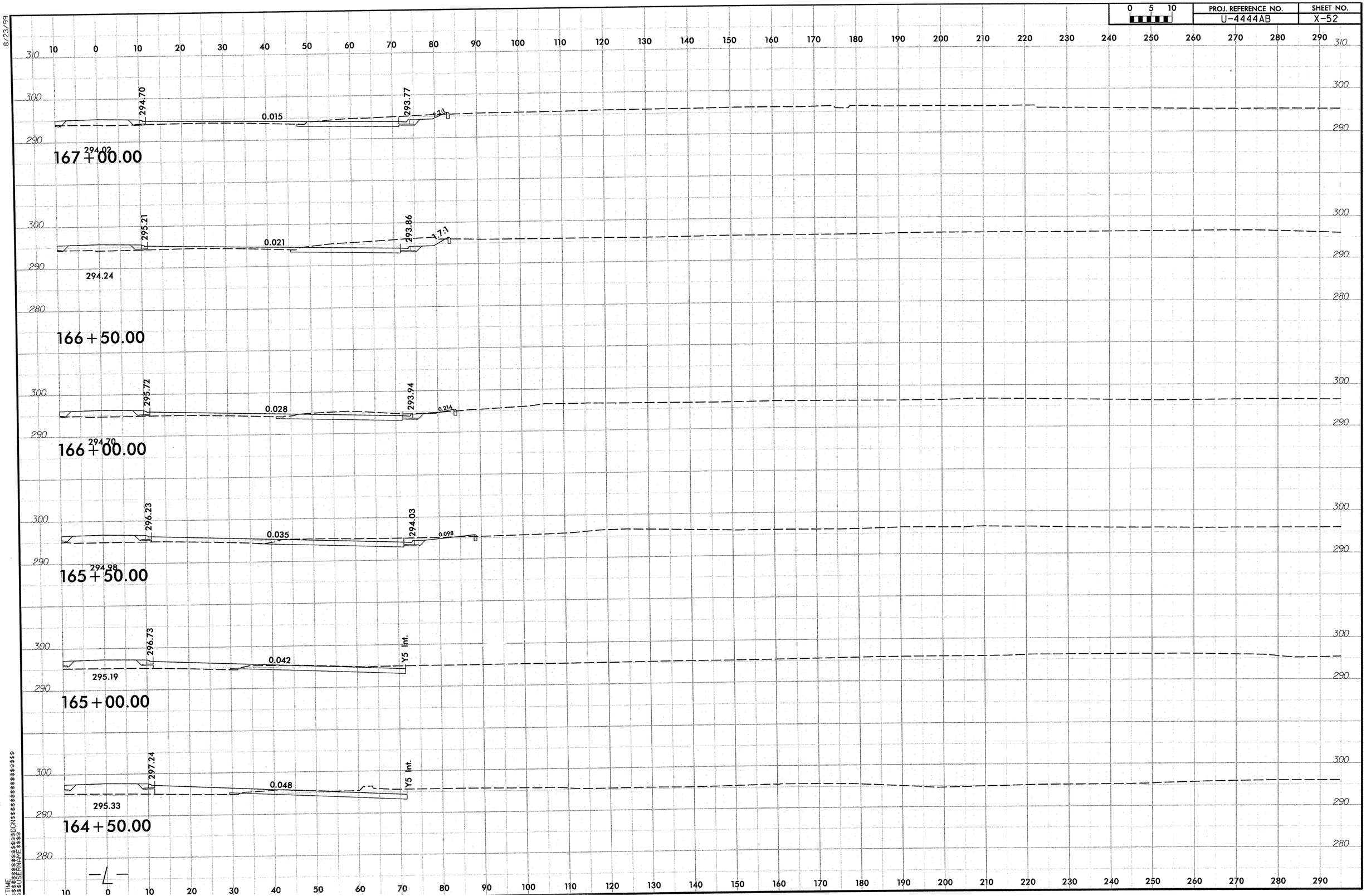
0 5 10
PROJ. REFERENCE NO.
U-4444AB
SHEET NO.
X-50
8/23/99
300.25
0.050
297.11
S.S. 298.870
4:1
161+50.00
300.76
0.050
297.61
4:1
S.S. 297.778
161+00.00
301.26
0.050
298.11
4:1
S.S. 296.975
284.80
160+50.00

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-51



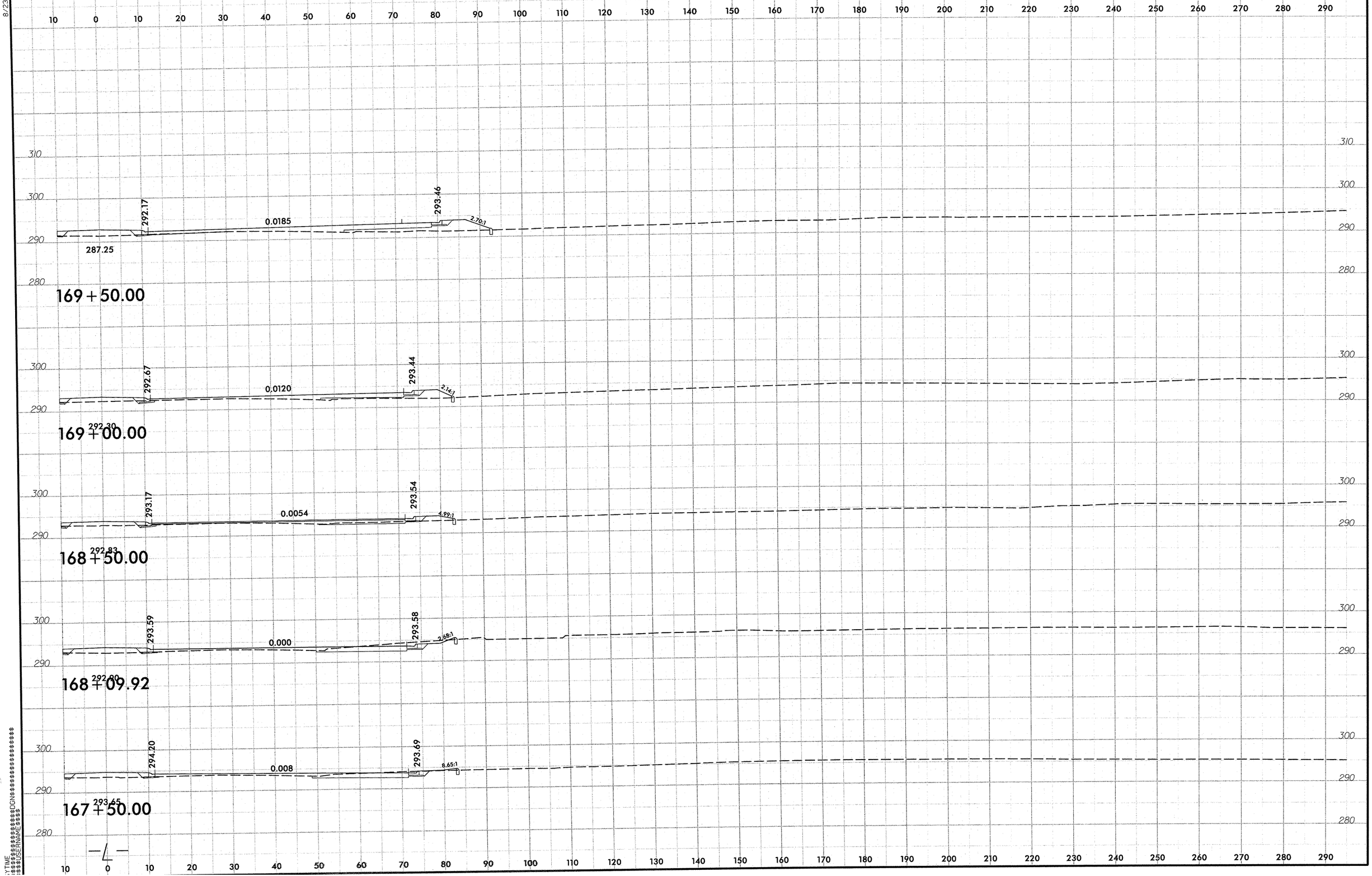
8/23/99

PROJ. REFERENCE NO.	SHEET NO.
U-4444AB	X-52



8/23/99

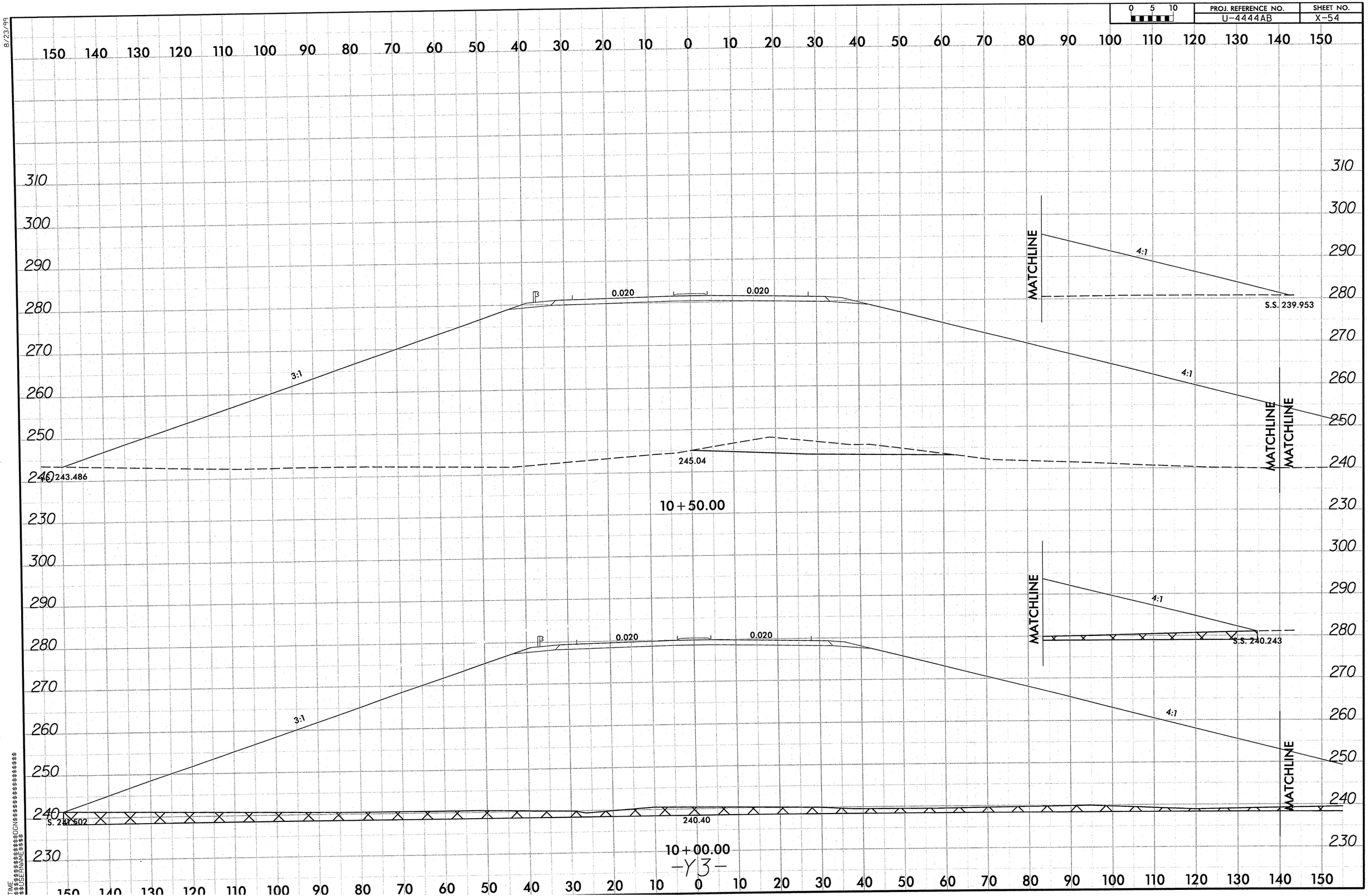
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-53



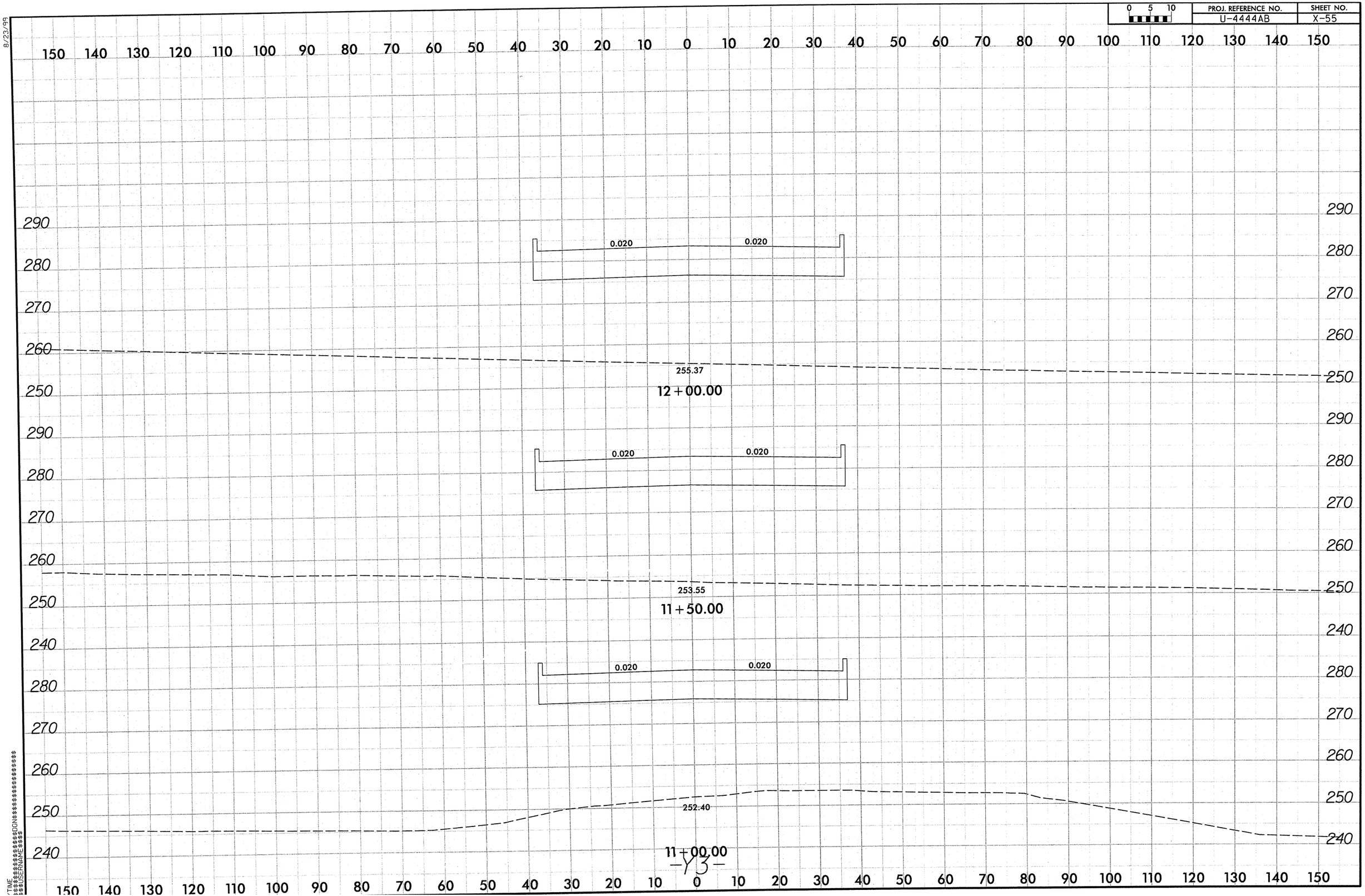
8/23/99

$$$$TIME
$$$$USERNAME$$$$DGN$$$$$$$$$$$$$$$$$$$$

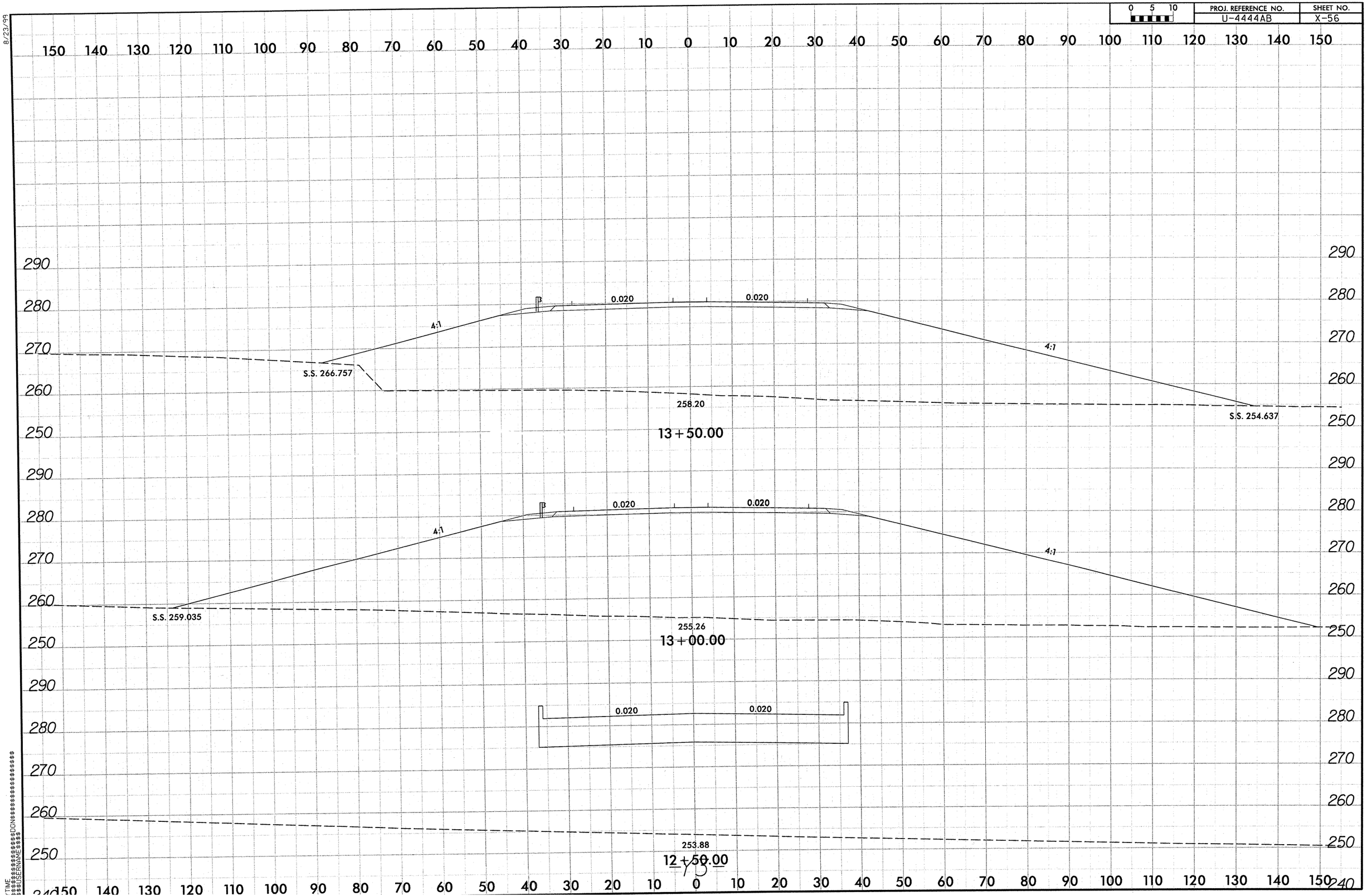
PROJ. REFERENCE NO.	SHEET NO.
U-4444AB	X-54



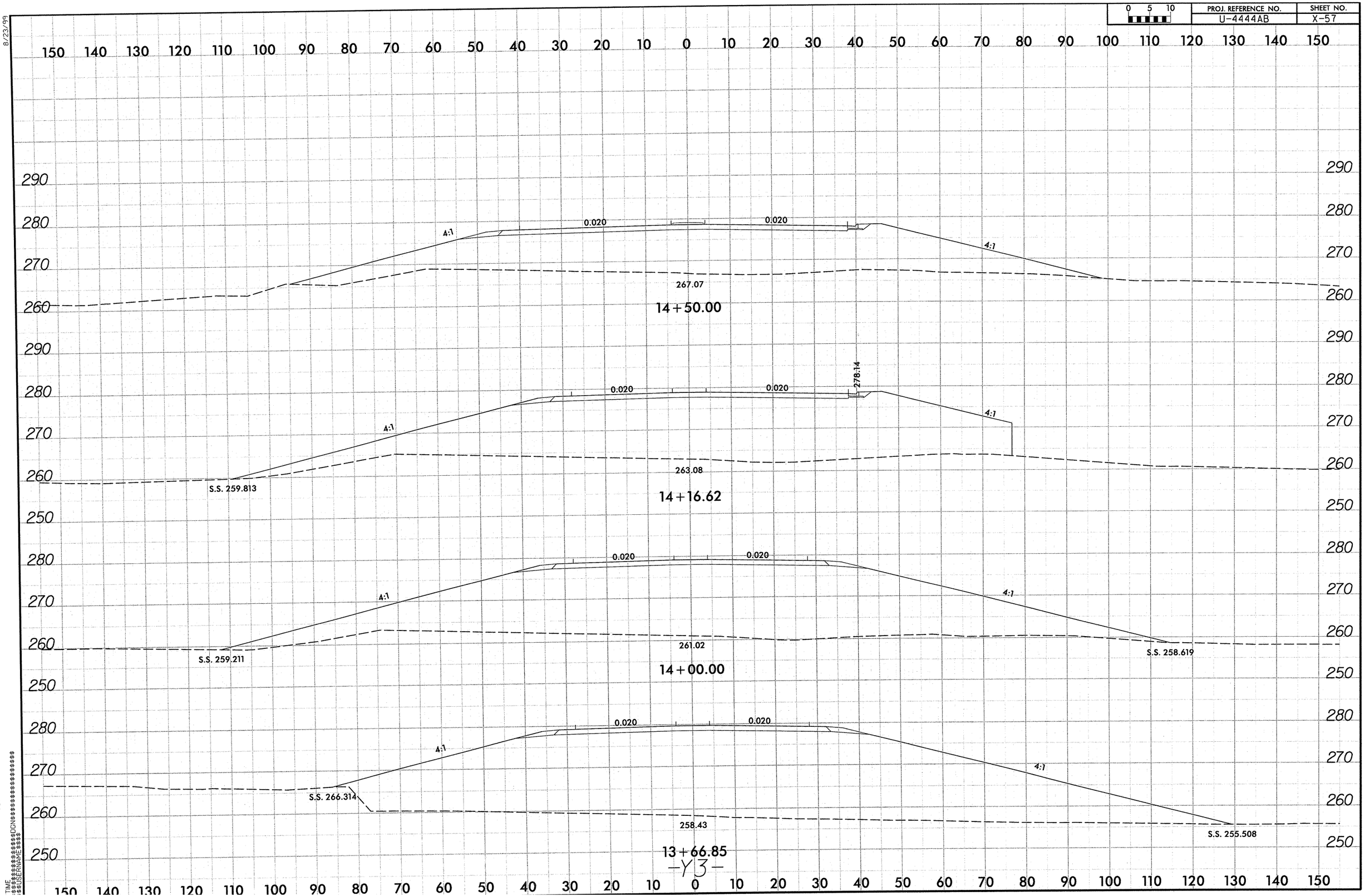
8/23/99



0 5 10
PROJ. REFERENCE NO.
U-4444AB
SHEET NO.
X-55
8/23/99
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
290
280
270
260
250
240
0.020
0.020
255.37
12+00.00
253.55
11+50.00
252.40
11+00.00
-Y3-

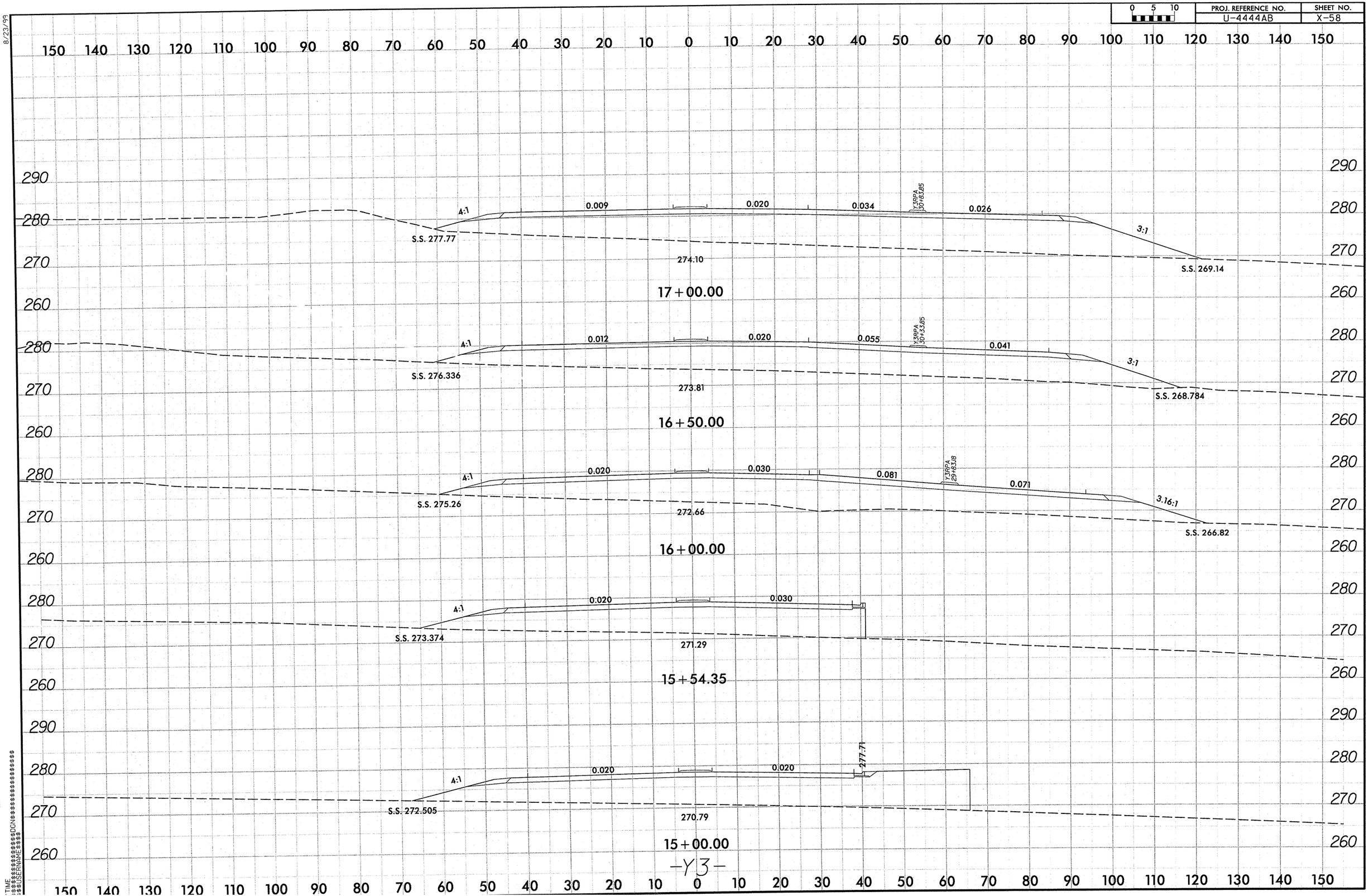


0 5 10
PROJ. REFERENCE NO.
U-4444AB
SHEET NO.
X-56
8/23/99
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
290
280
270
260
250
0.020
0.020
4:1
4:1
S.S. 266.757
258.20
S.S. 254.637
13+50.00
0.020
0.020
4:1
4:1
S.S. 259.035
255.26
13+00.00
0.020
0.020
253.88
12+50.00



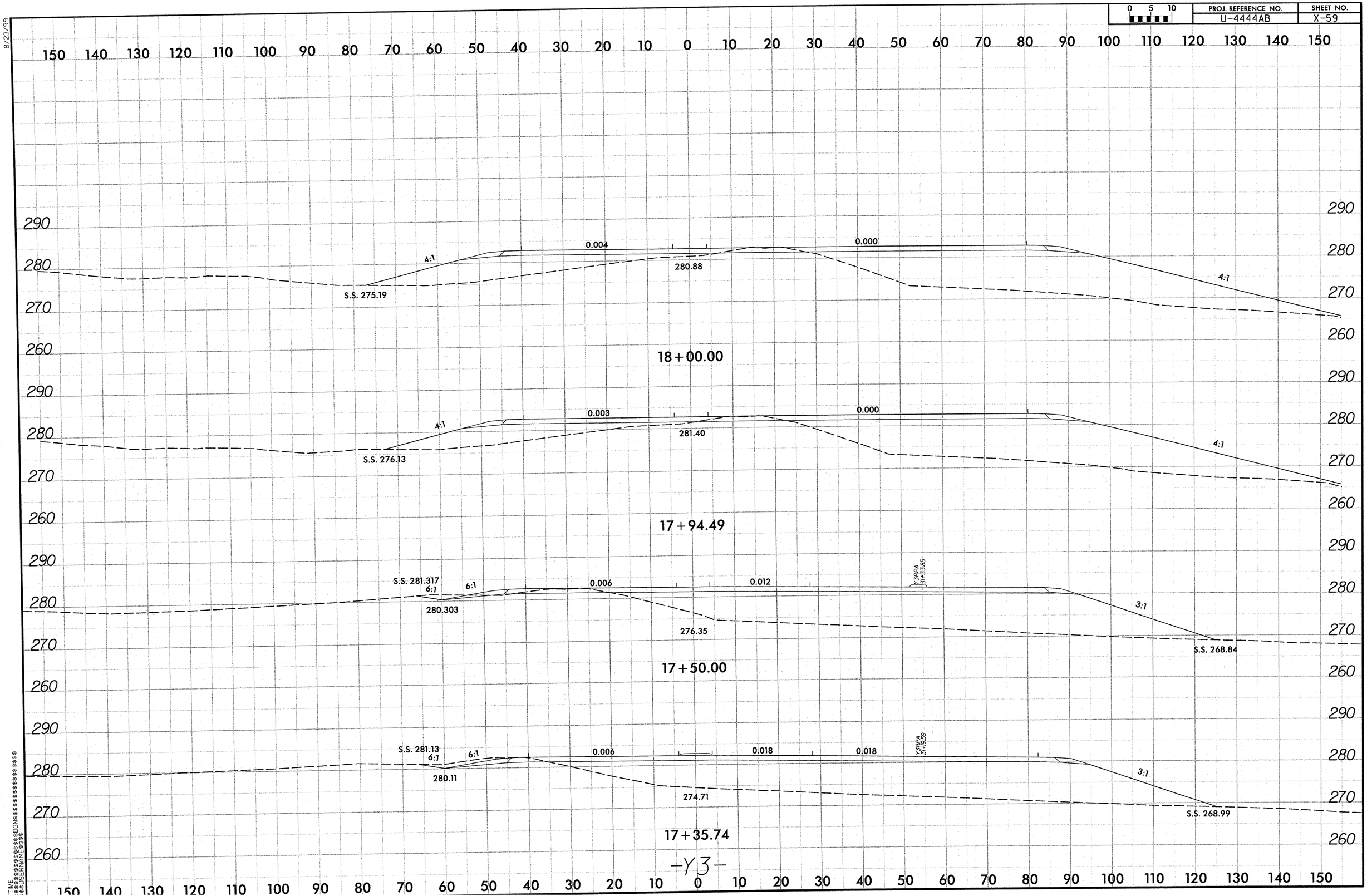
0 5 10
PROJ. REFERENCE NO.
U-4444AB
SHEET NO.
X-57
8/23/99
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
290
280
270
260
250
4:1
0.020
0.020
4:1
267.07
14+50.00
278.14
0.020
0.020
4:1
4:1
263.08
S.S. 259.813
14+16.62
0.020
0.020
4:1
4:1
261.02
S.S. 259.211
S.S. 258.619
14+00.00
0.020
0.020
4:1
4:1
S.S. 266.314
258.43
S.S. 255.508
13+66.85
-Y3-

PROJ. REFERENCE NO.	SHEET NO.
U-4444AB	X-58

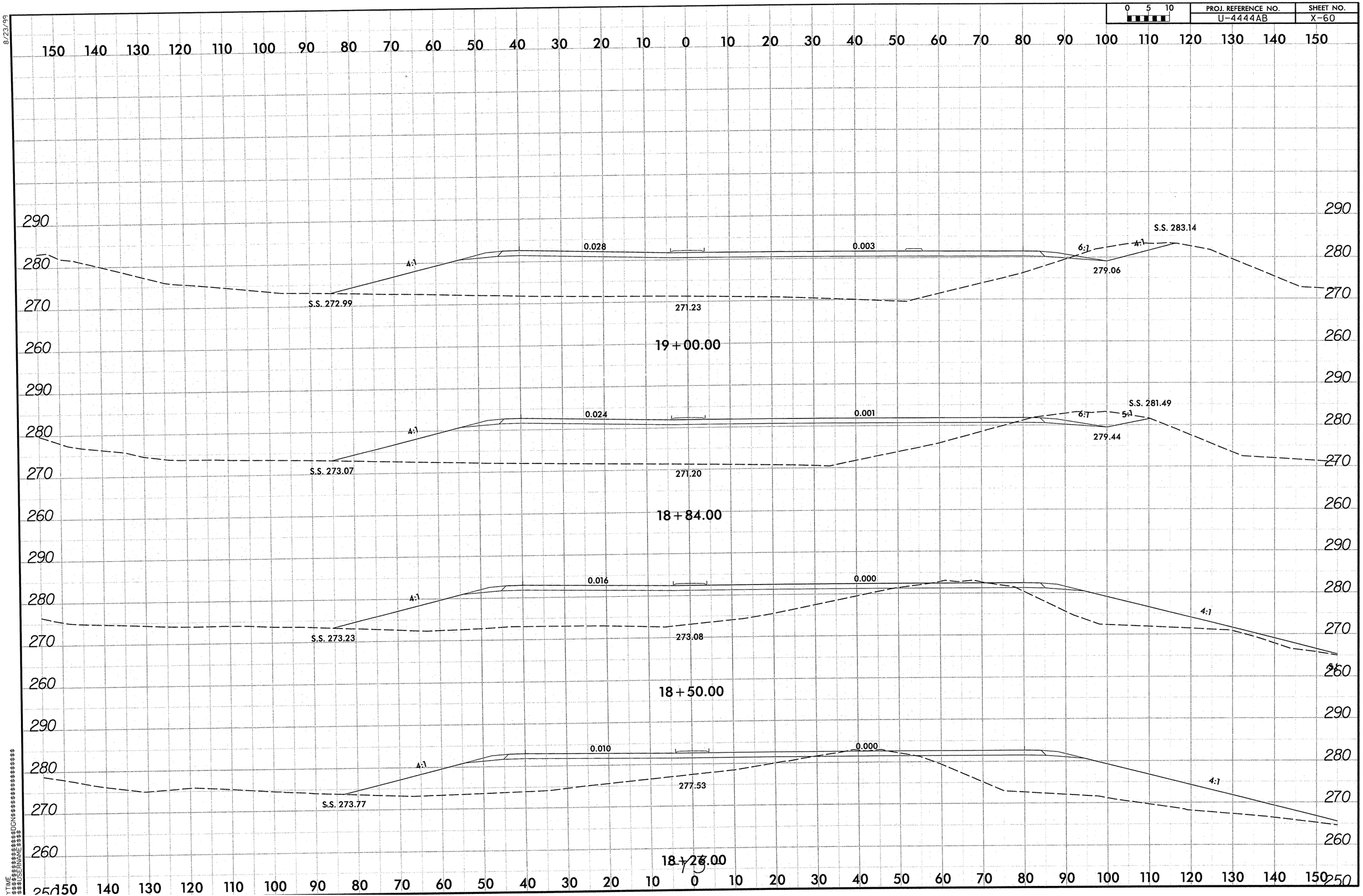


8/23/99

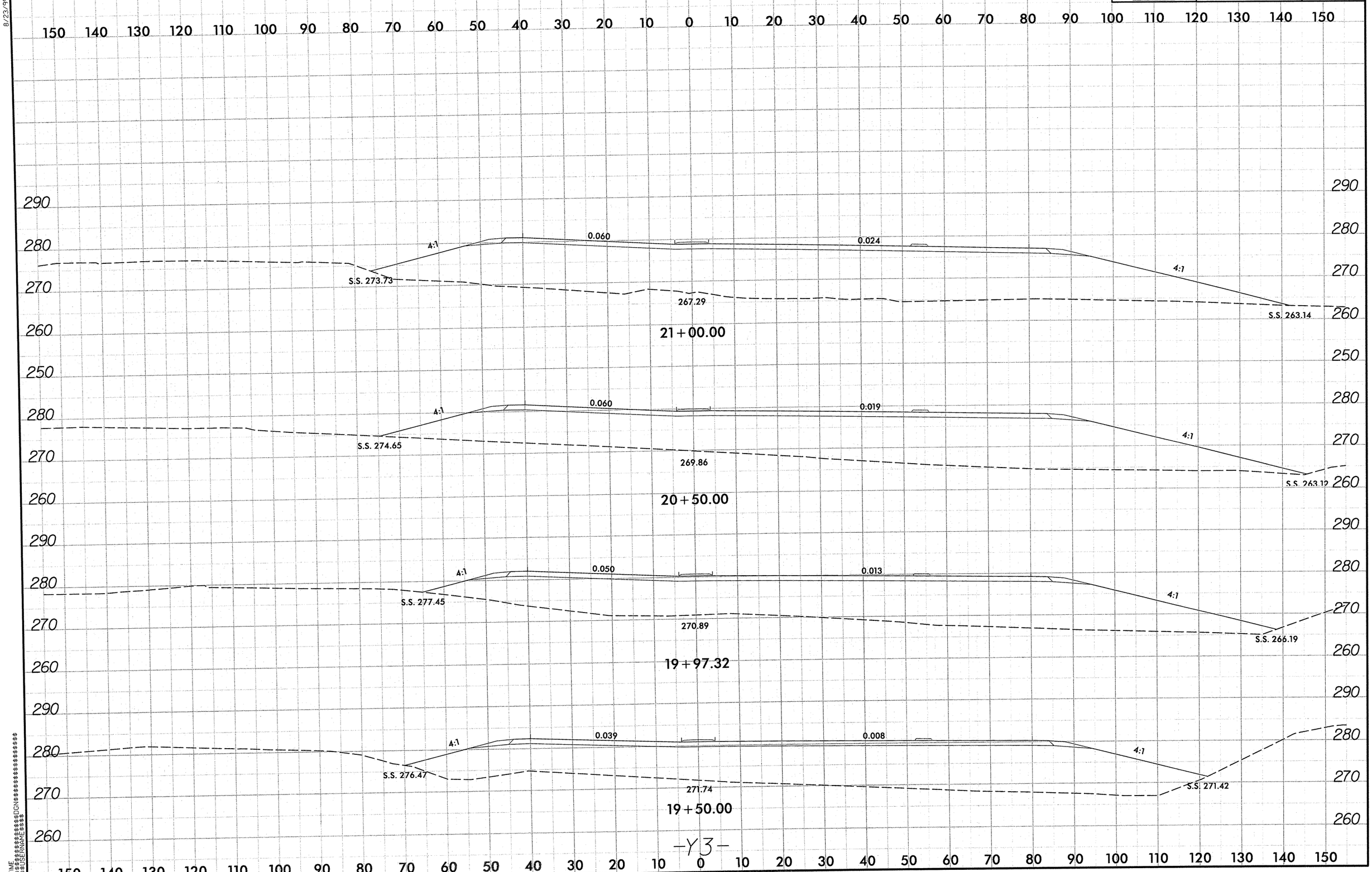
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-59



8/23/99

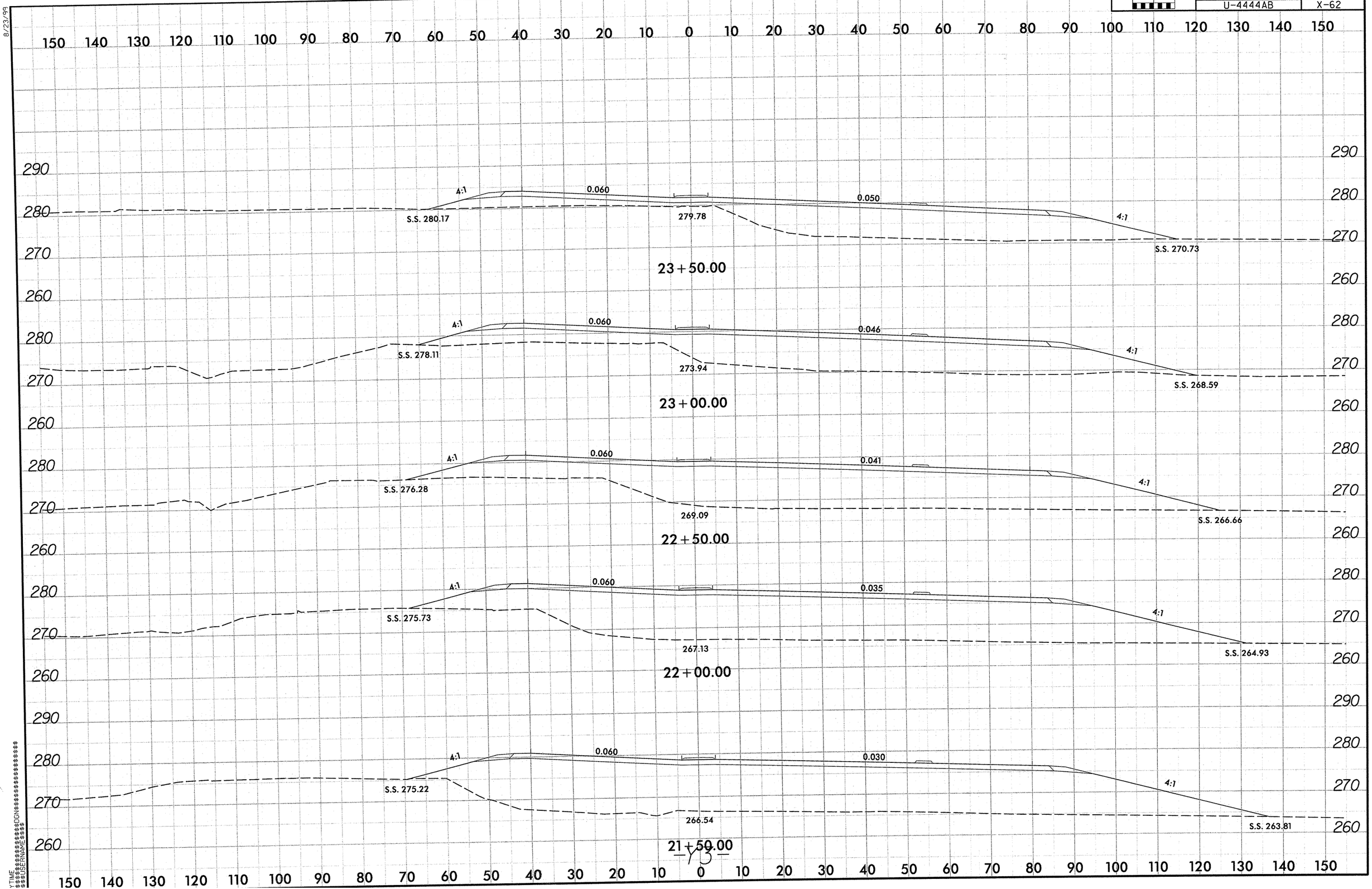


0 5 10
PROJ. REFERENCE NO.
U-4444AB
SHEET NO.
X-60
8/23/99
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
290
280
270
260
0.028
0.003
4:1
6:1
4:1
S.S. 283.14
279.06
S.S. 272.99
271.23
19+00.00
0.024
0.001
4:1
6:1
5:1
S.S. 281.49
279.44
S.S. 273.07
271.20
18+84.00
0.016
0.000
4:1
4:1
S.S. 273.23
273.08
18+50.00
0.010
0.000
4:1
4:1
S.S. 273.77
277.53
18+26.00

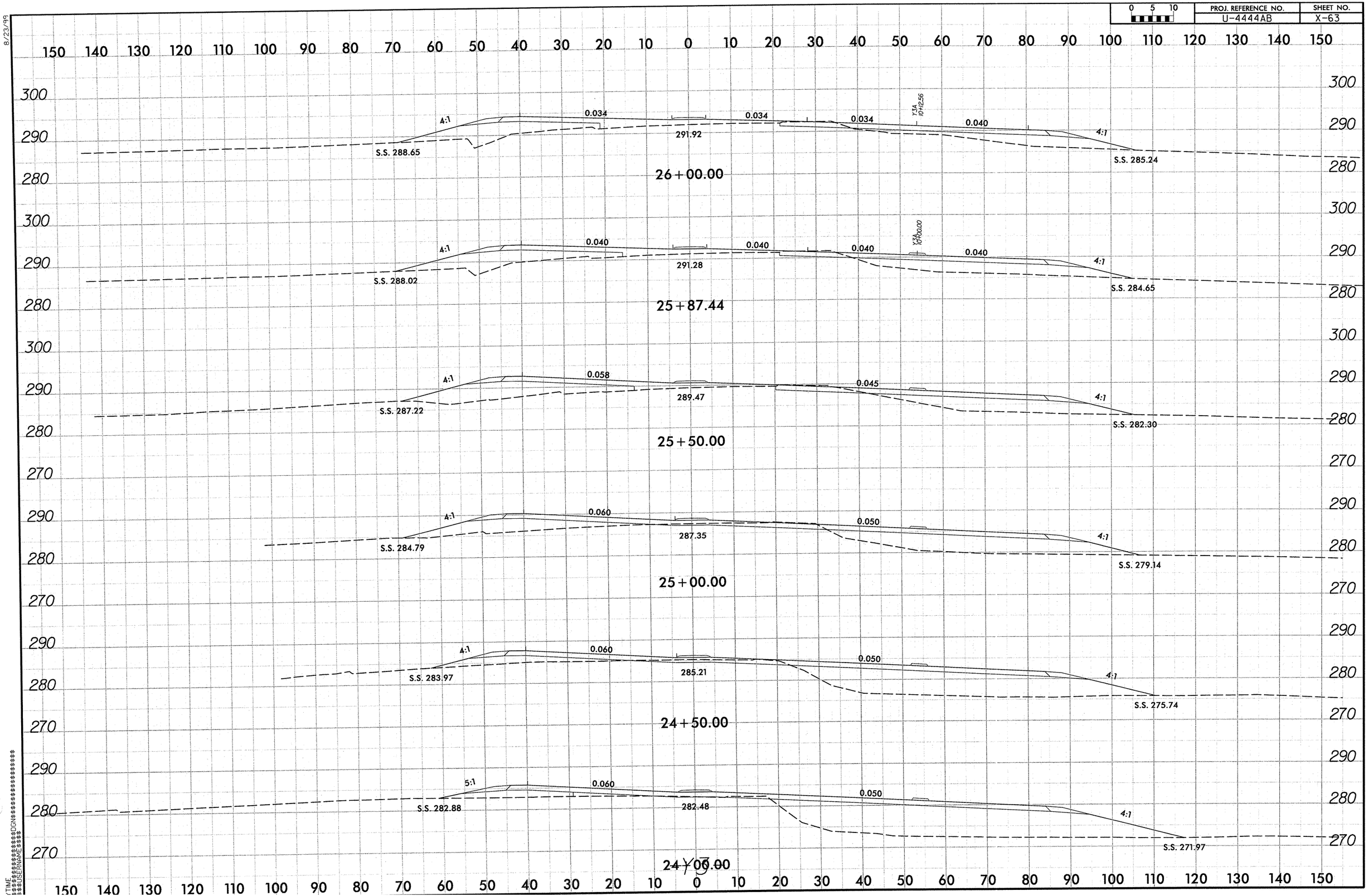


0 5 10
PROJ. REFERENCE NO.
U-4444AB
SHEET NO.
X-61
8/23/99
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
290 280 270 260 250 280 270 260 290 280 270 260 290 280 270 260 290 280 270 260
4:1
0.060
0.024
S.S. 273.73
267.29
S.S. 263.14
21+00.00
0.060
0.019
S.S. 274.65
269.86
S.S. 263.12
20+50.00
0.050
0.013
S.S. 277.45
270.89
S.S. 266.19
19+97.32
0.039
0.008
S.S. 276.47
271.74
S.S. 271.42
19+50.00
-Y3-

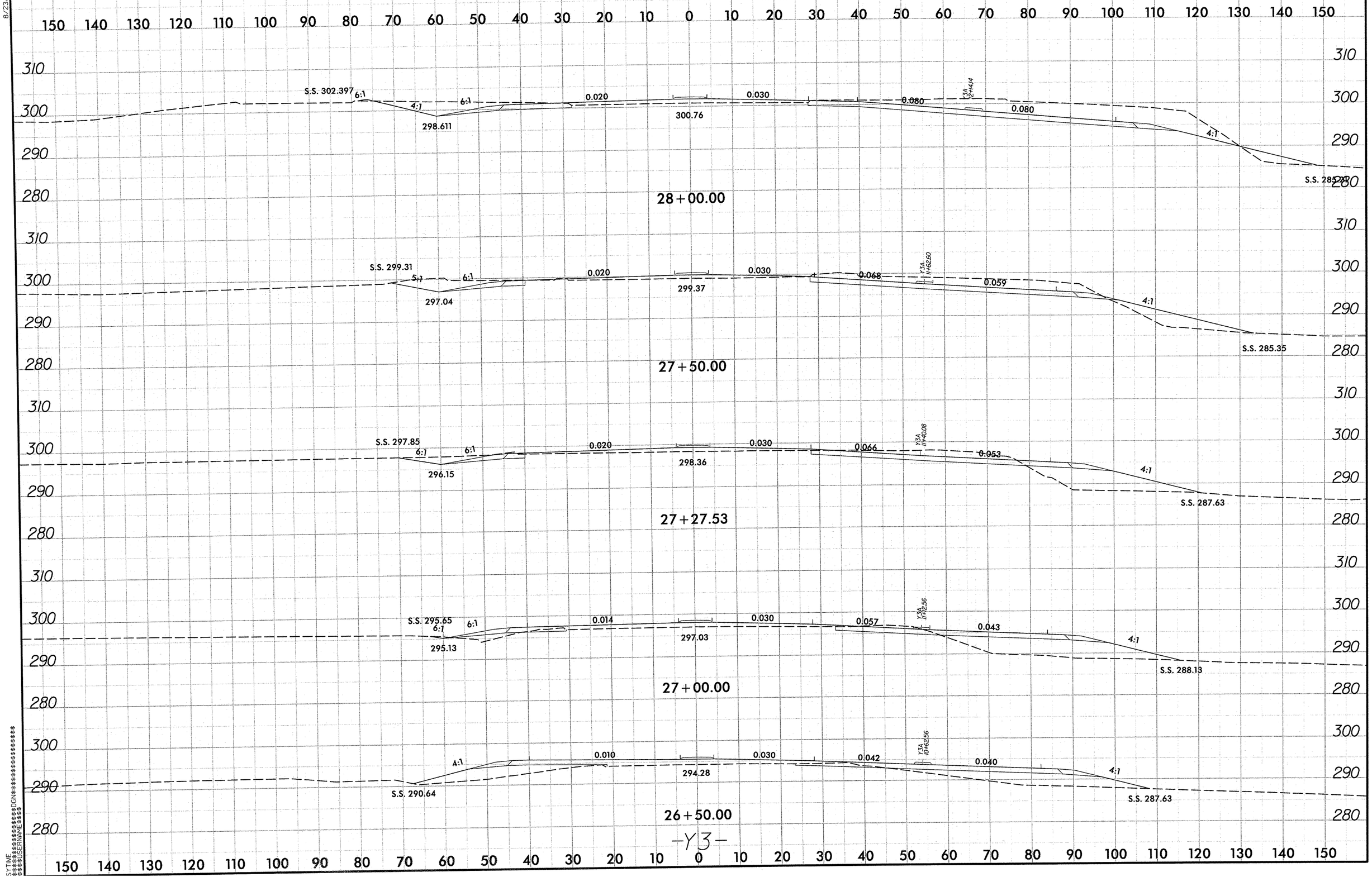
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-62



0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-63

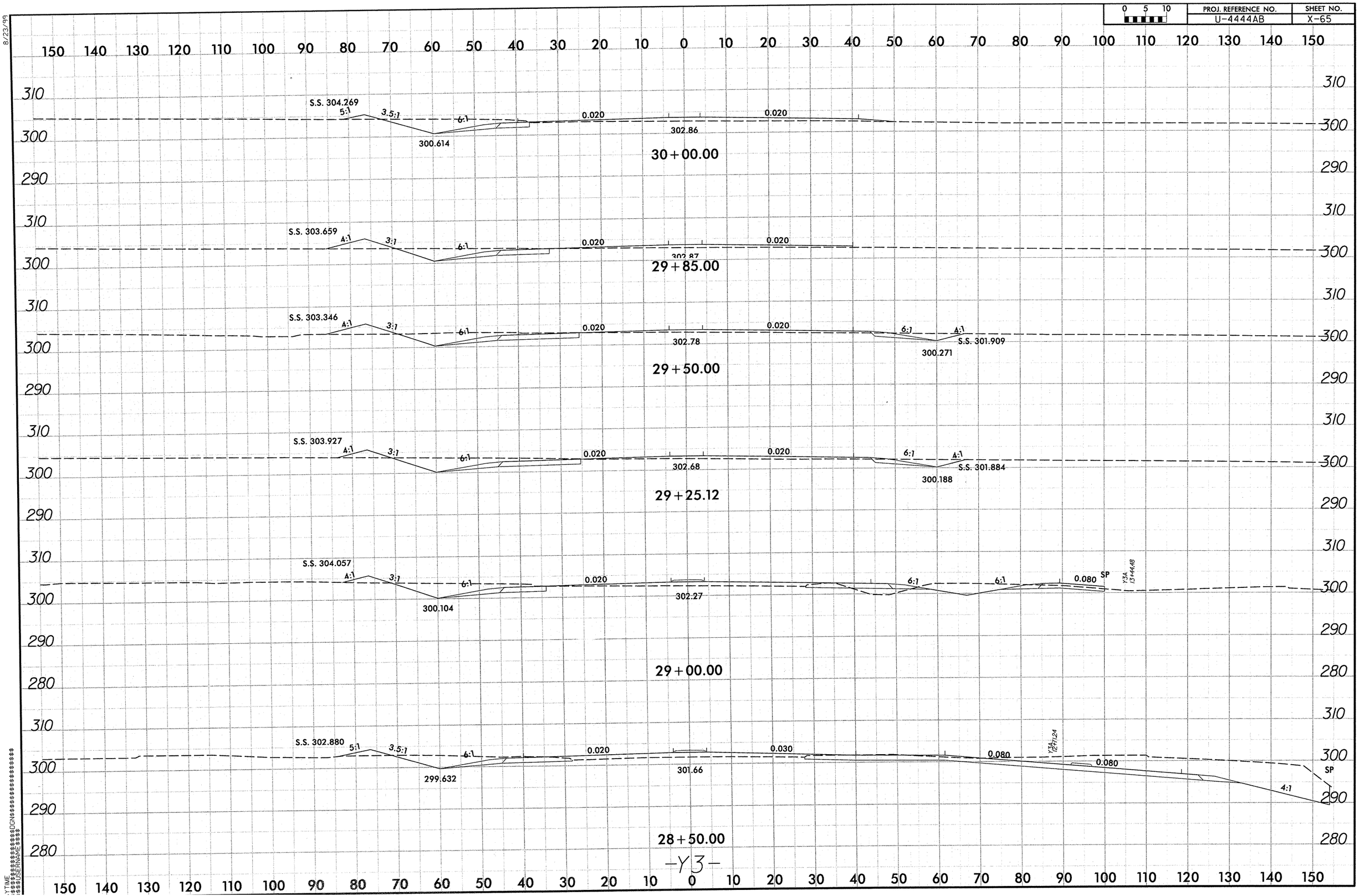


8/23/99



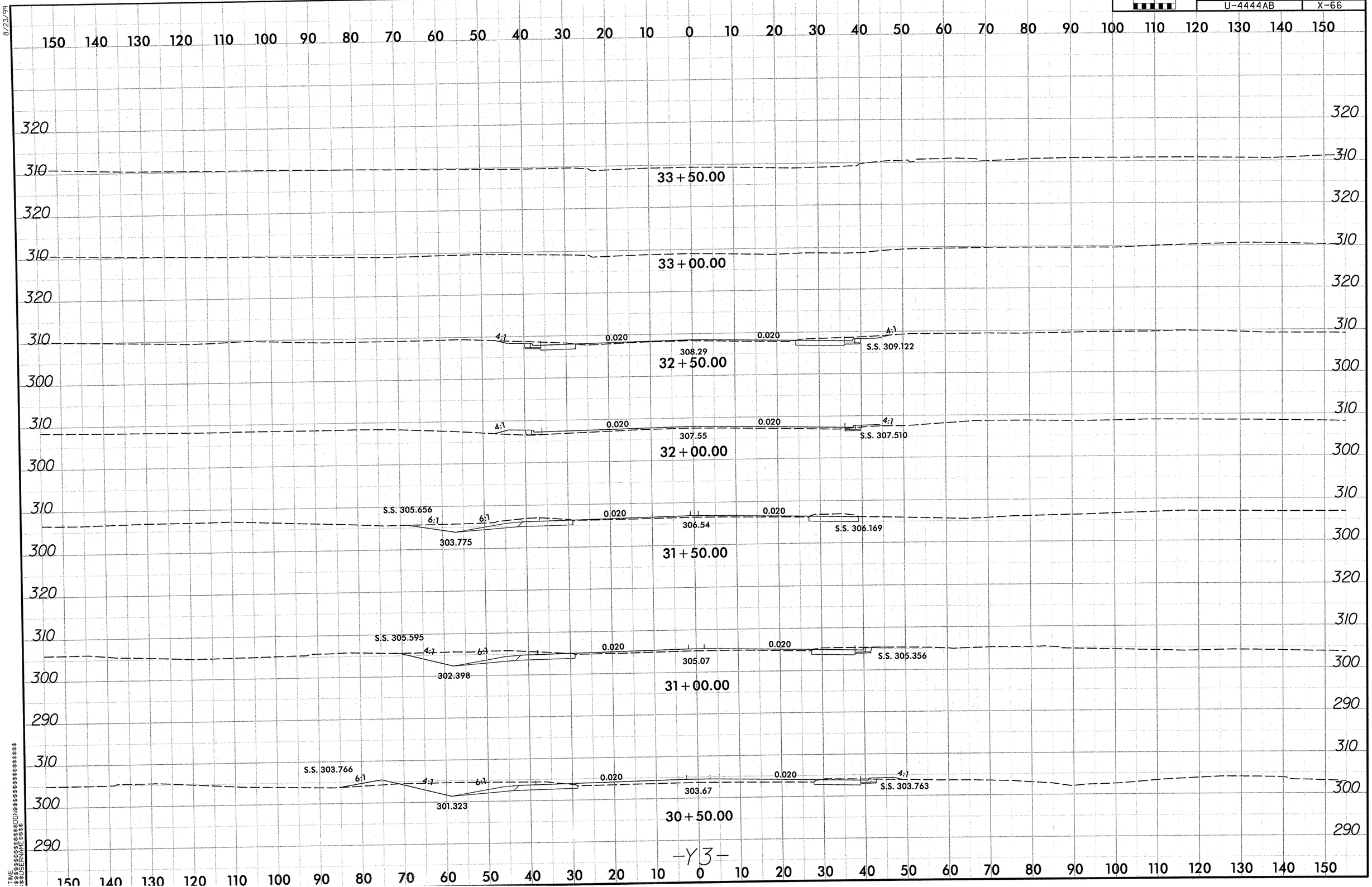
0 5 10
PROJ. REFERENCE NO.
U-4444AB
SHEET NO.
X-64
8/23/99
S.S. 302.397
6:1
4:1
298.611
0.020
300.76
0.030
0.080
Y3A 12+14.14
S.S. 285.20
28+00.00
S.S. 299.31
5:1
297.04
299.37
0.068
Y3A 11+62.60
0.059
S.S. 285.35
27+50.00
S.S. 297.85
296.15
298.36
0.066
Y3A 11+40.08
0.053
S.S. 287.63
27+27.53
S.S. 295.65
295.13
0.014
297.03
0.057
Y3A 11+12.56
0.043
S.S. 288.13
27+00.00
S.S. 290.64
0.010
294.28
0.042
Y3A 10+62.56
0.040
S.S. 287.63
26+50.00
-Y3-

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-65



8/23/99

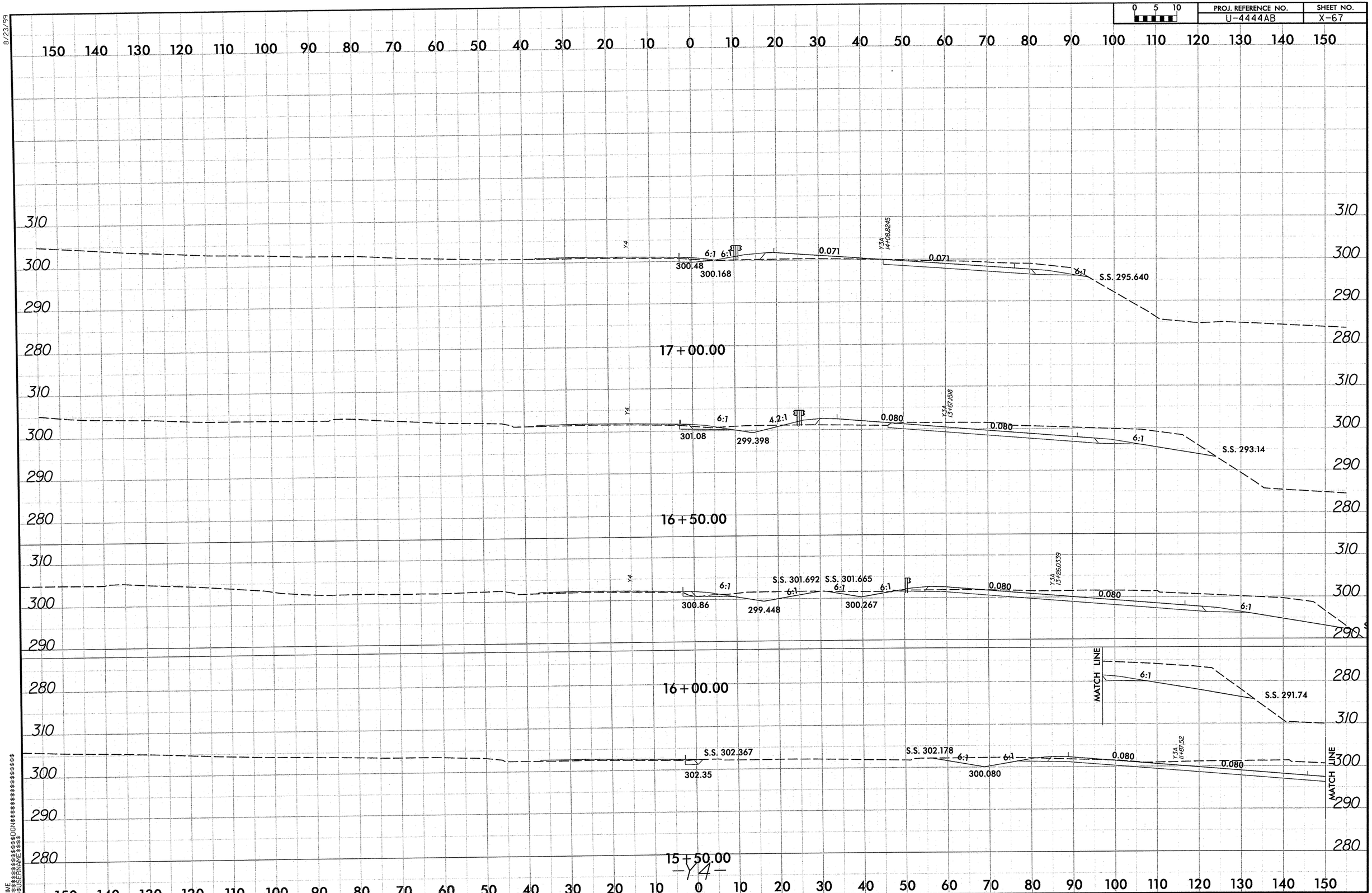
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-66



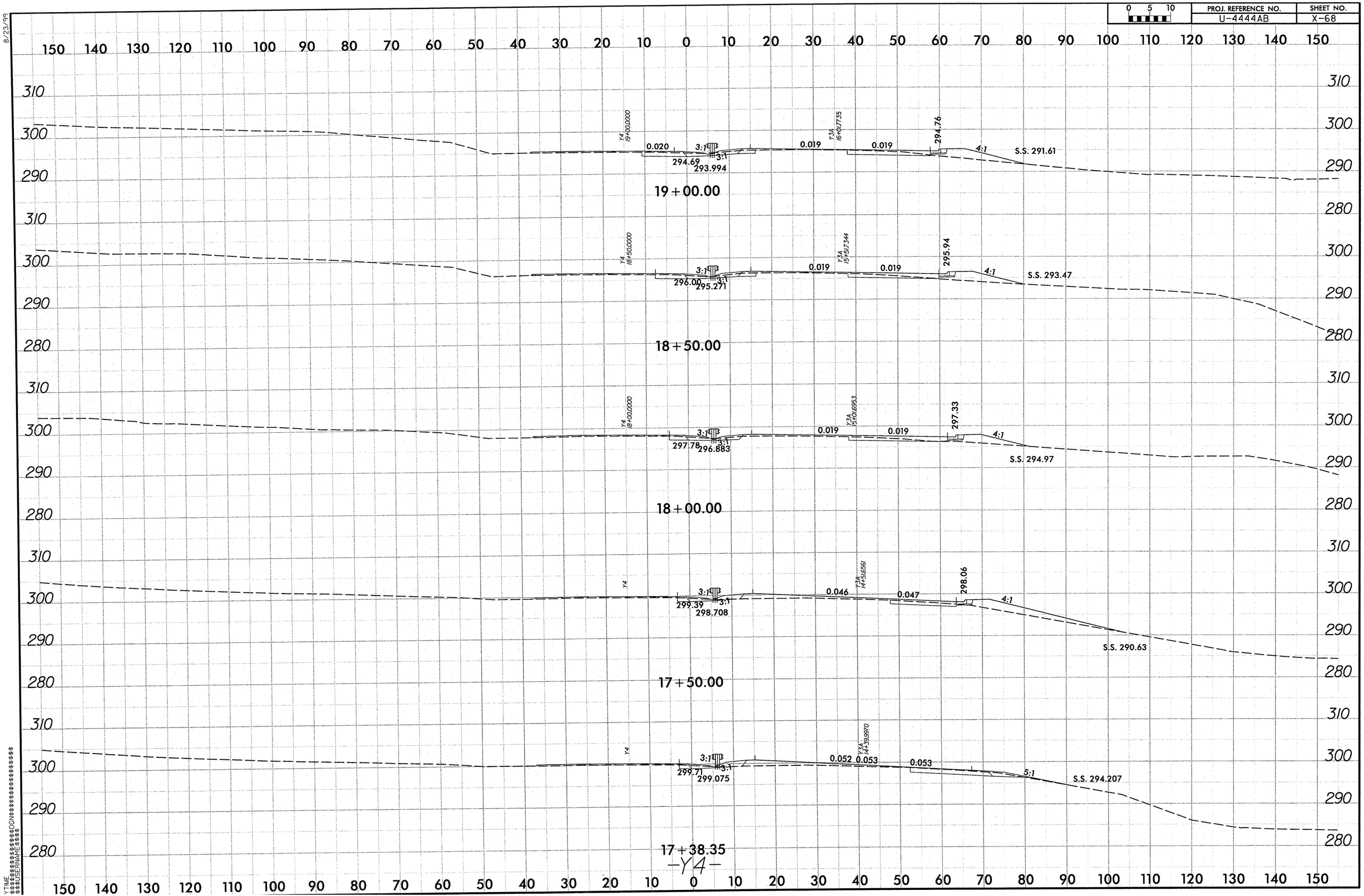
-Y3-

8/23/99

PROJ. REFERENCE NO.	SHEET NO.
U-4444AB	X-67

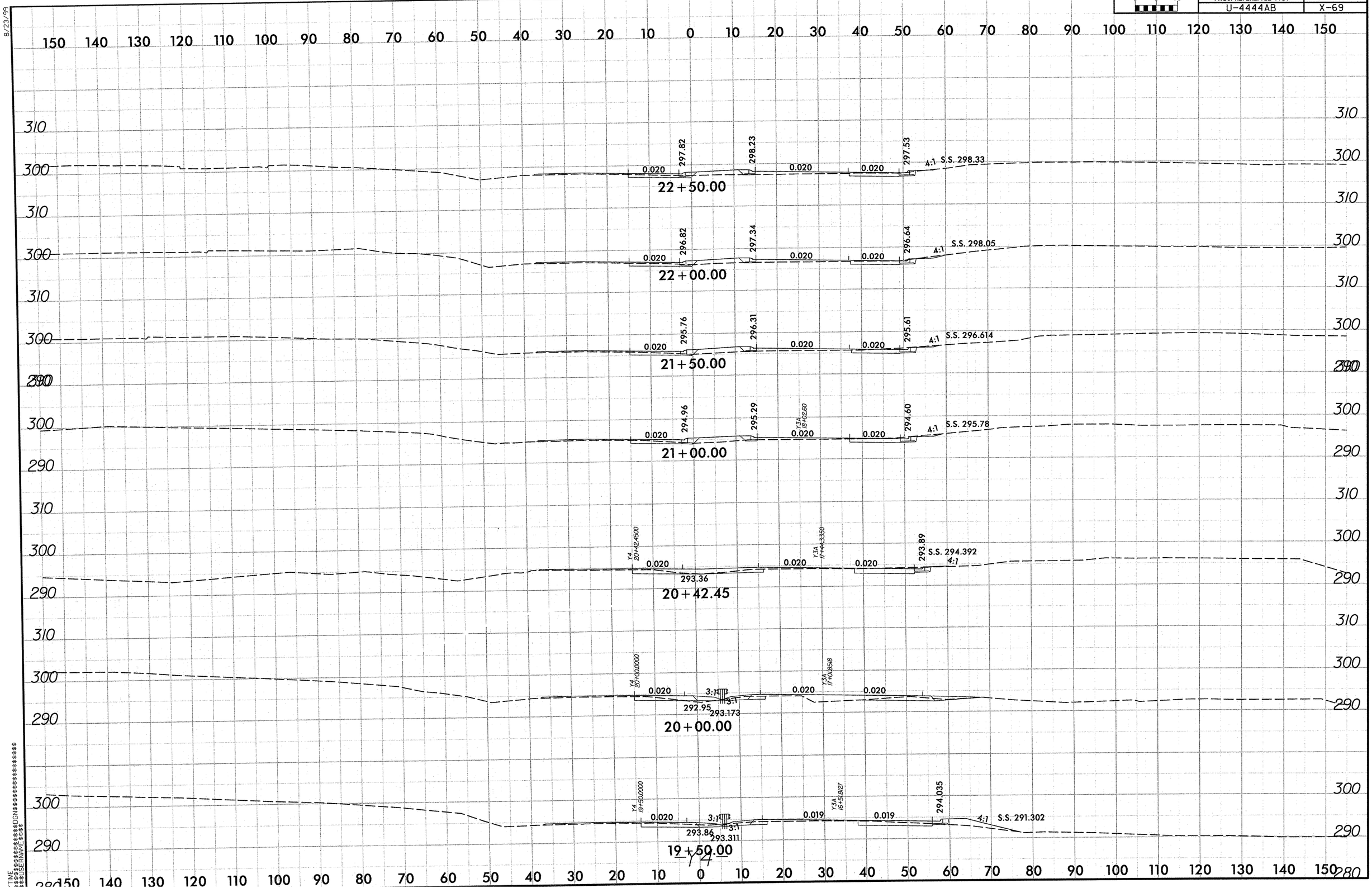


8/23/99



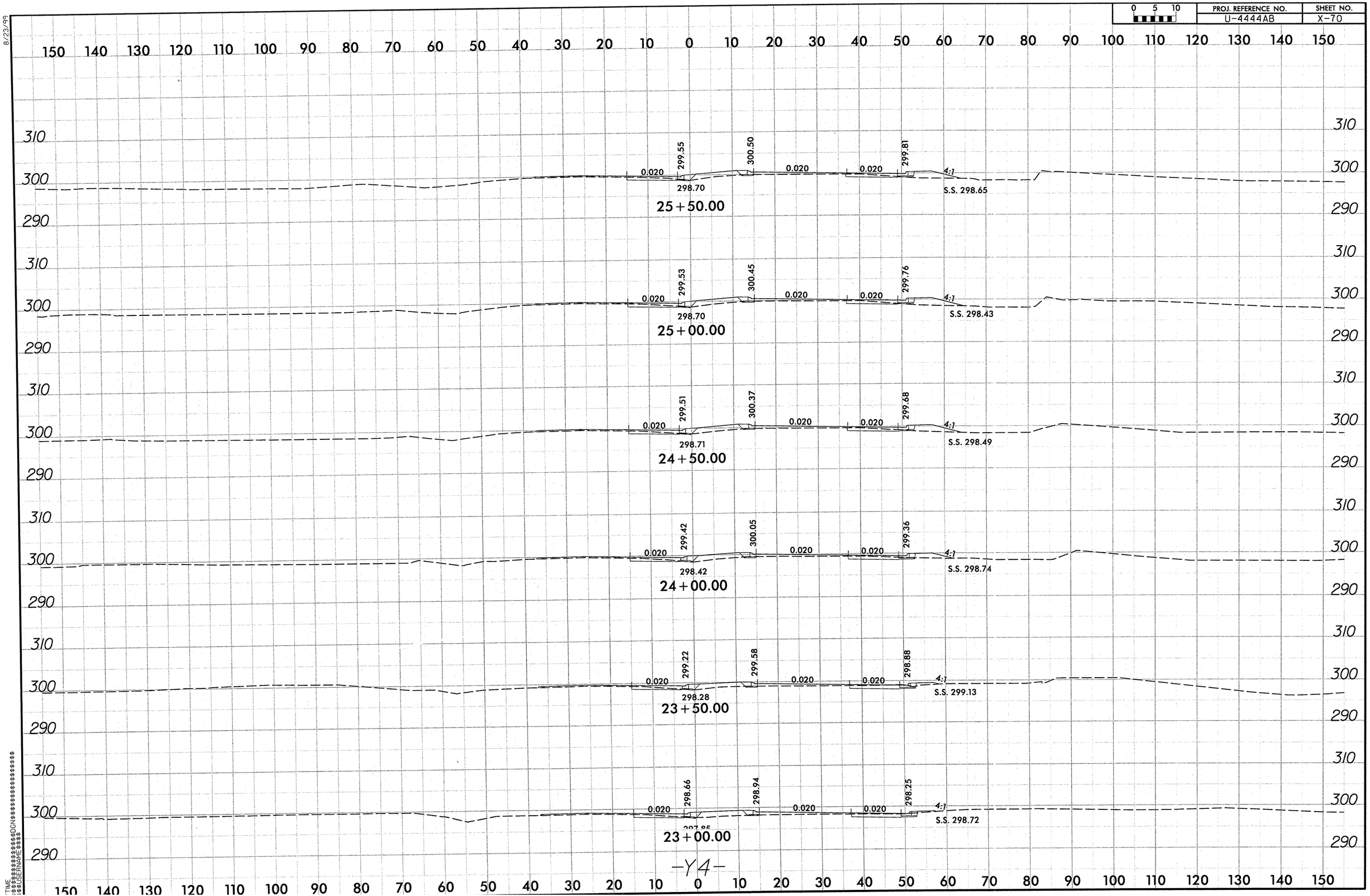
8/23/99
$$$$TIME
$$$$USERNAME$$$$
$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-69



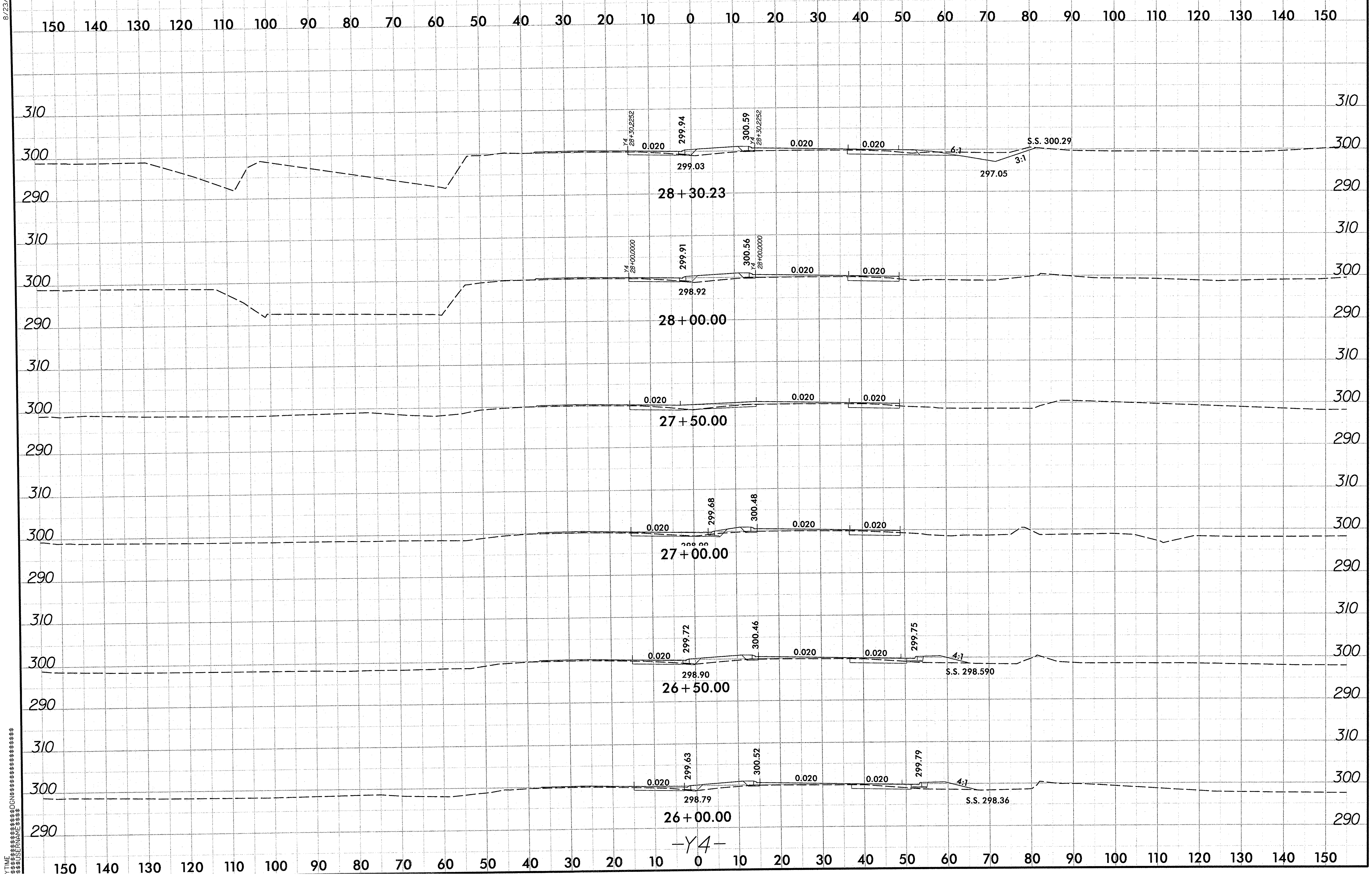
8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-70

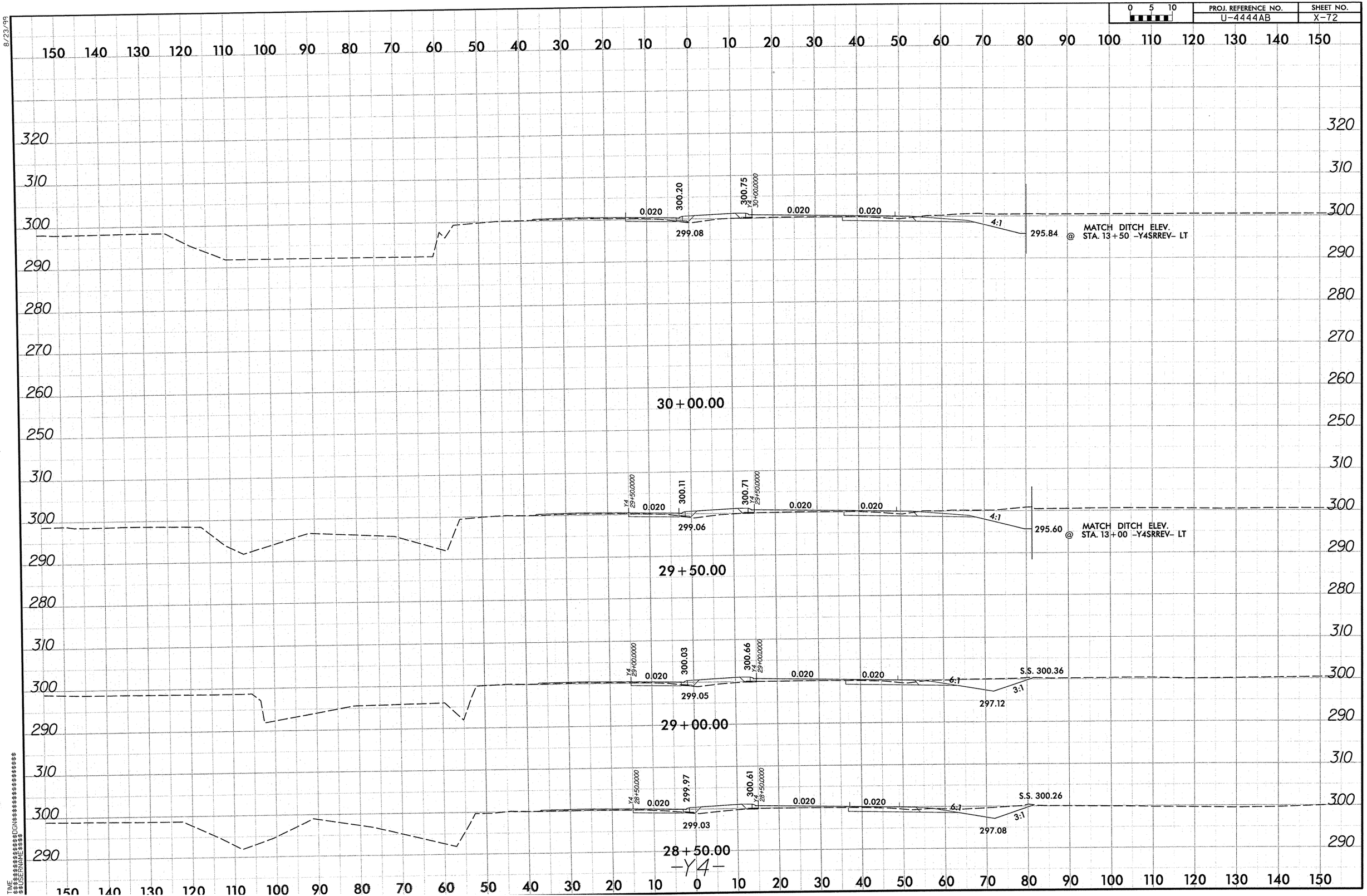


8/23/99

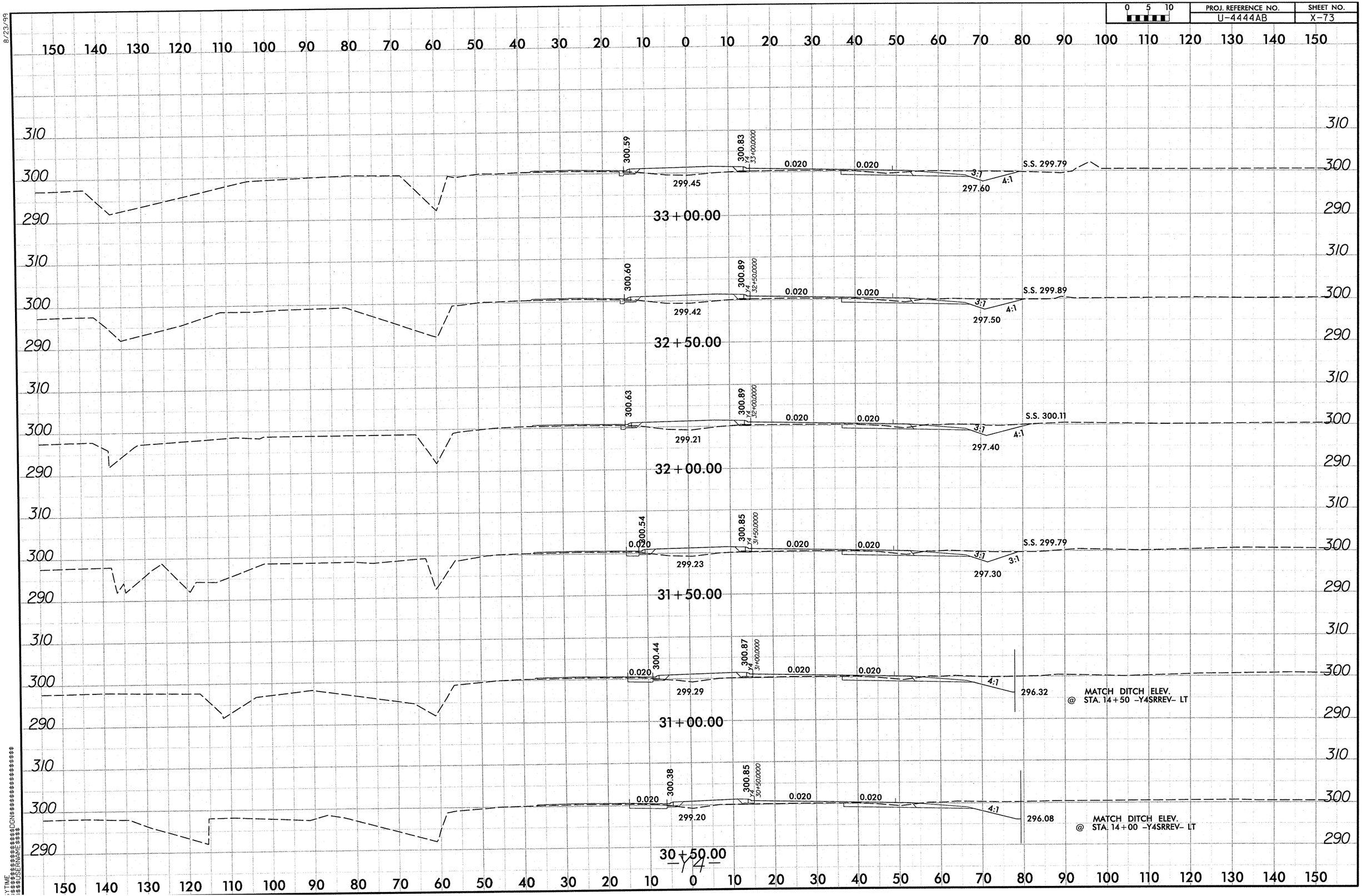
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-71



PROJ. REFERENCE NO.	SHEET NO.
U-4444AB	X-72

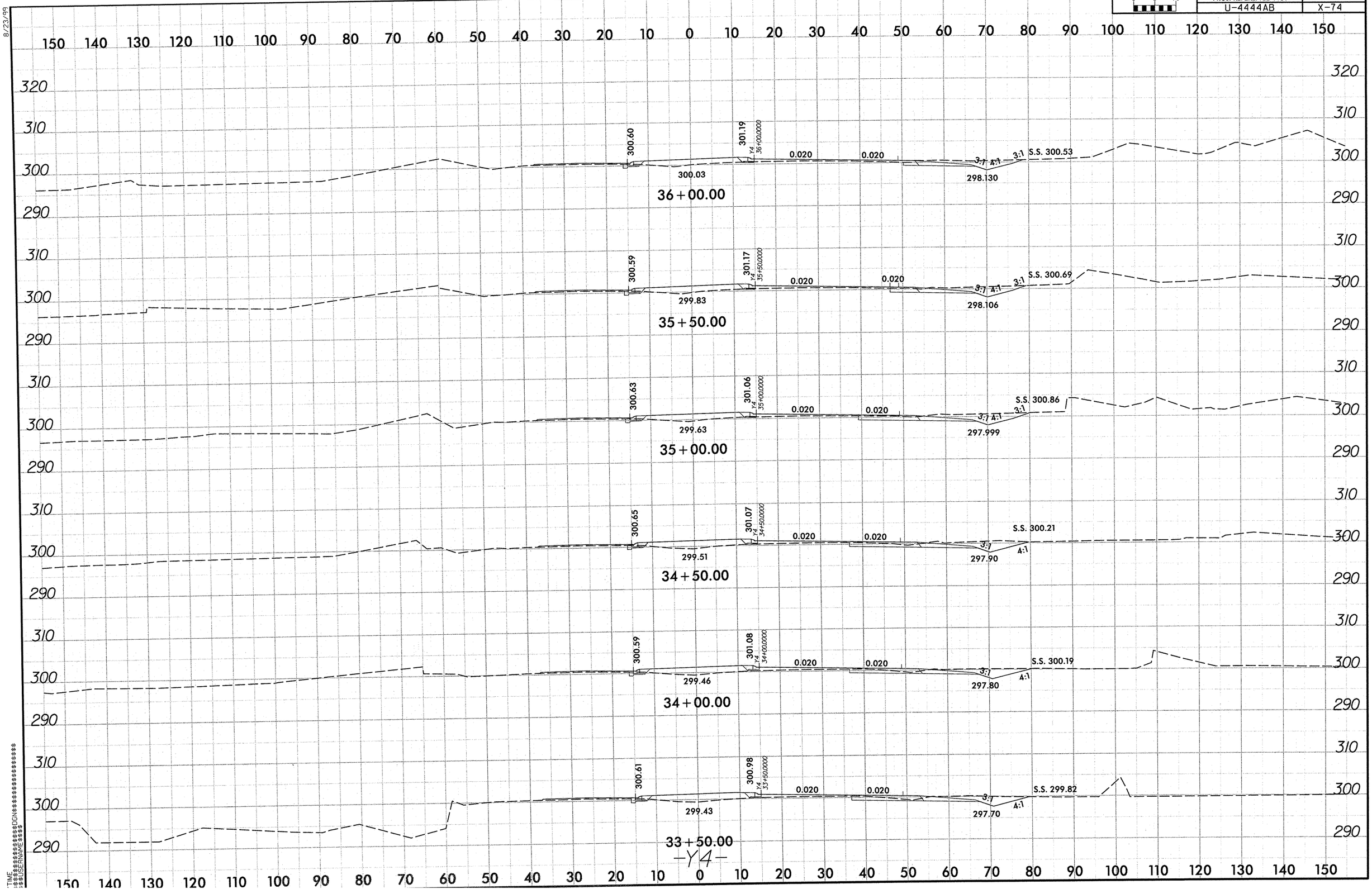


8/23/99



PROJ. REFERENCE NO.
U-4444AB
SHEET NO.
X-73
0 5 10
8/23/99
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
310
300
290
300.59
300.83
Y4
33+00.0000
0.020
0.020
299.45
297.60
3:1
4:1
S.S. 299.79
33+00.00
300.60
300.89
Y4
32+50.0000
0.020
0.020
299.42
297.50
3:1
4:1
S.S. 299.89
32+50.00
300.63
300.89
Y4
32+00.0000
0.020
0.020
299.21
297.40
3:1
4:1
S.S. 300.11
32+00.00
300.54
300.85
Y4
31+50.0000
0.020
0.020
0.020
299.23
297.30
3:1
3:1
S.S. 299.79
31+50.00
300.44
300.87
Y4
31+00.0000
0.020
0.020
0.020
299.29
296.32
4:1
MATCH DITCH ELEV.
@ STA. 14+50 -Y4SRREV- LT
31+00.00
300.38
300.85
Y4
30+50.0000
0.020
0.020
0.020
299.20
296.08
4:1
MATCH DITCH ELEV.
@ STA. 14+00 -Y4SRREV- LT
30+50.00
-Y4-

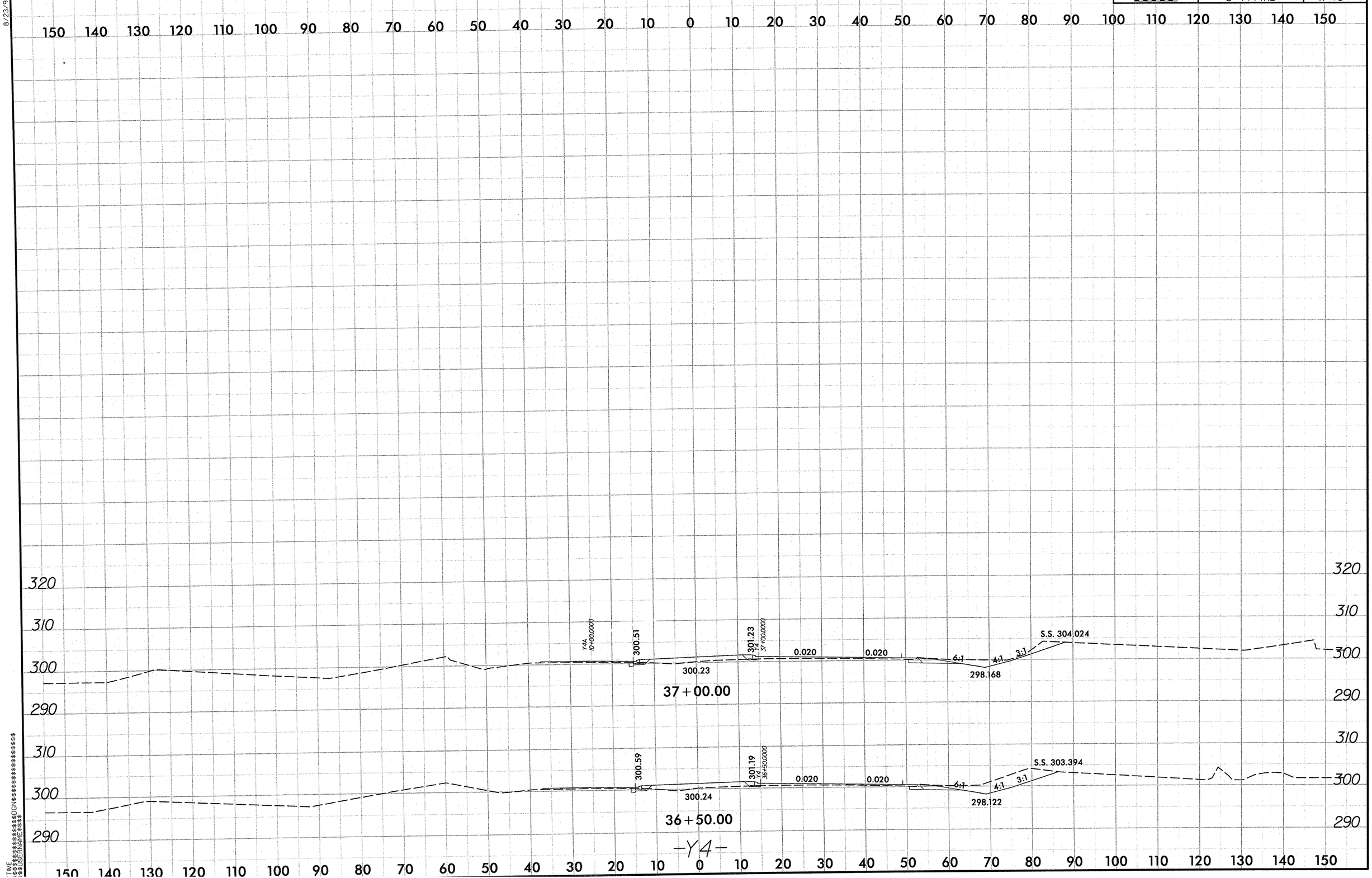
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-74



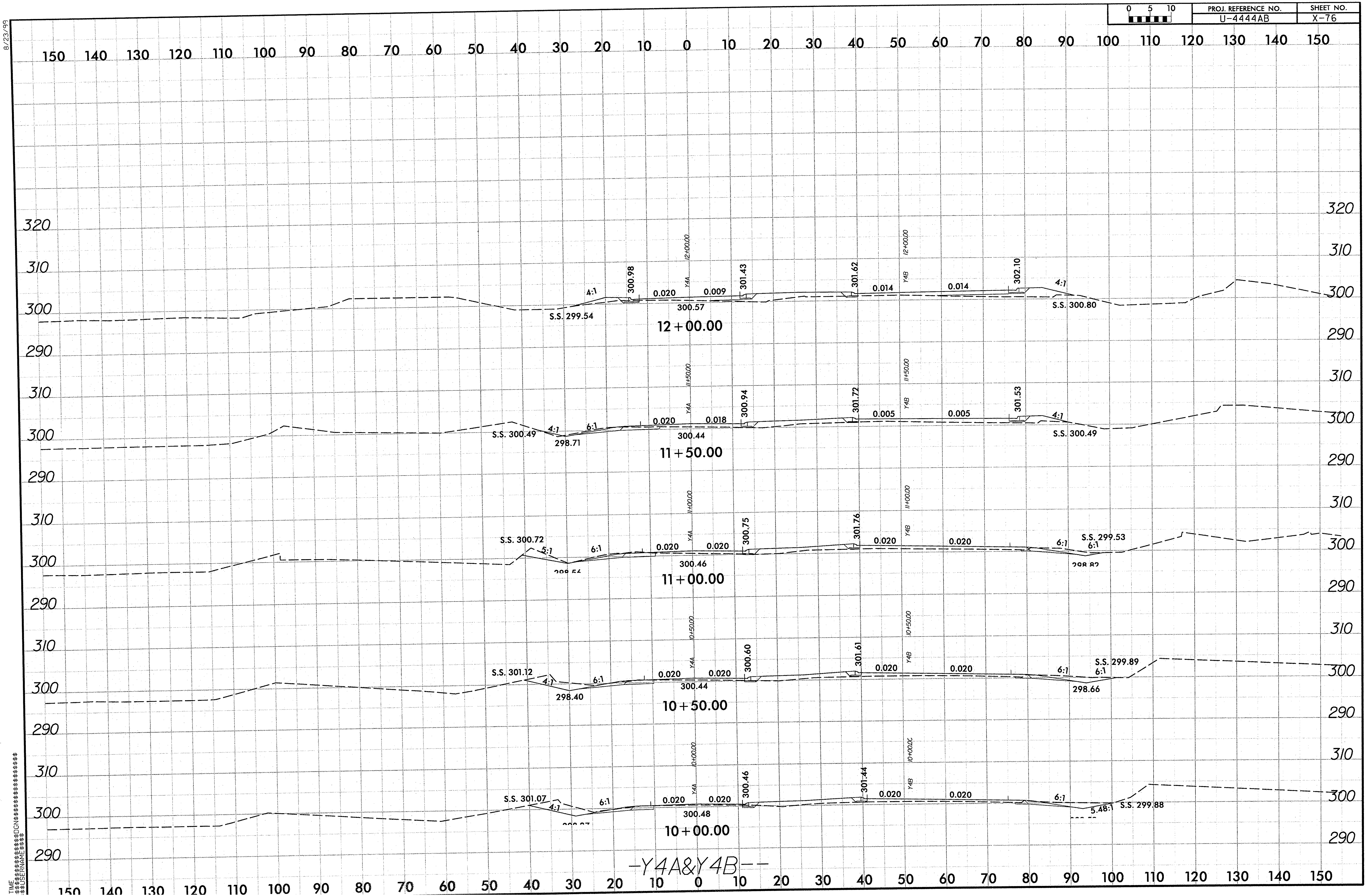
8/23/99

$$$$USERNAME$$$$ $$$$DGN$$$$ $$$$TIME

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-75



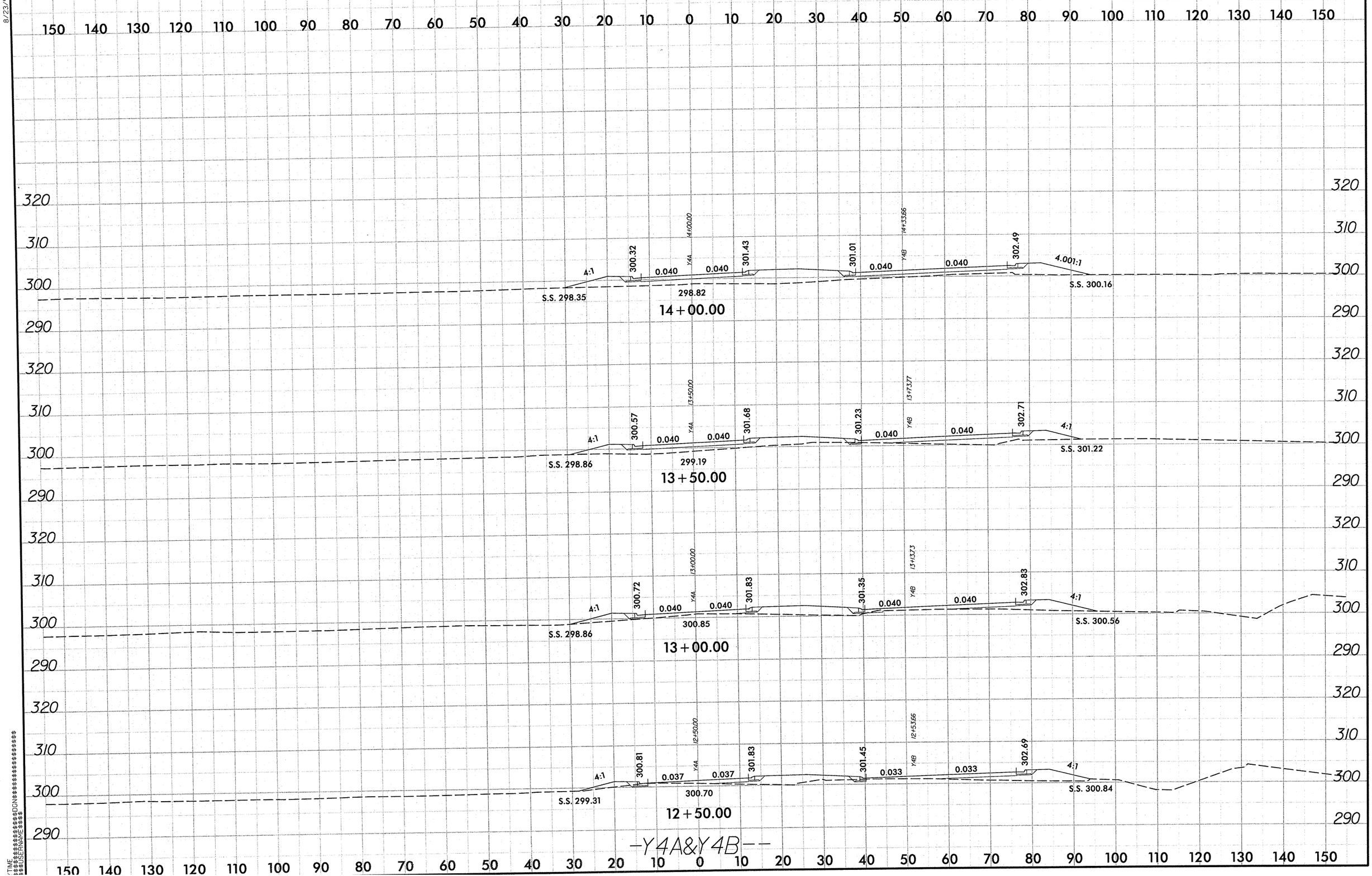
8/23/99



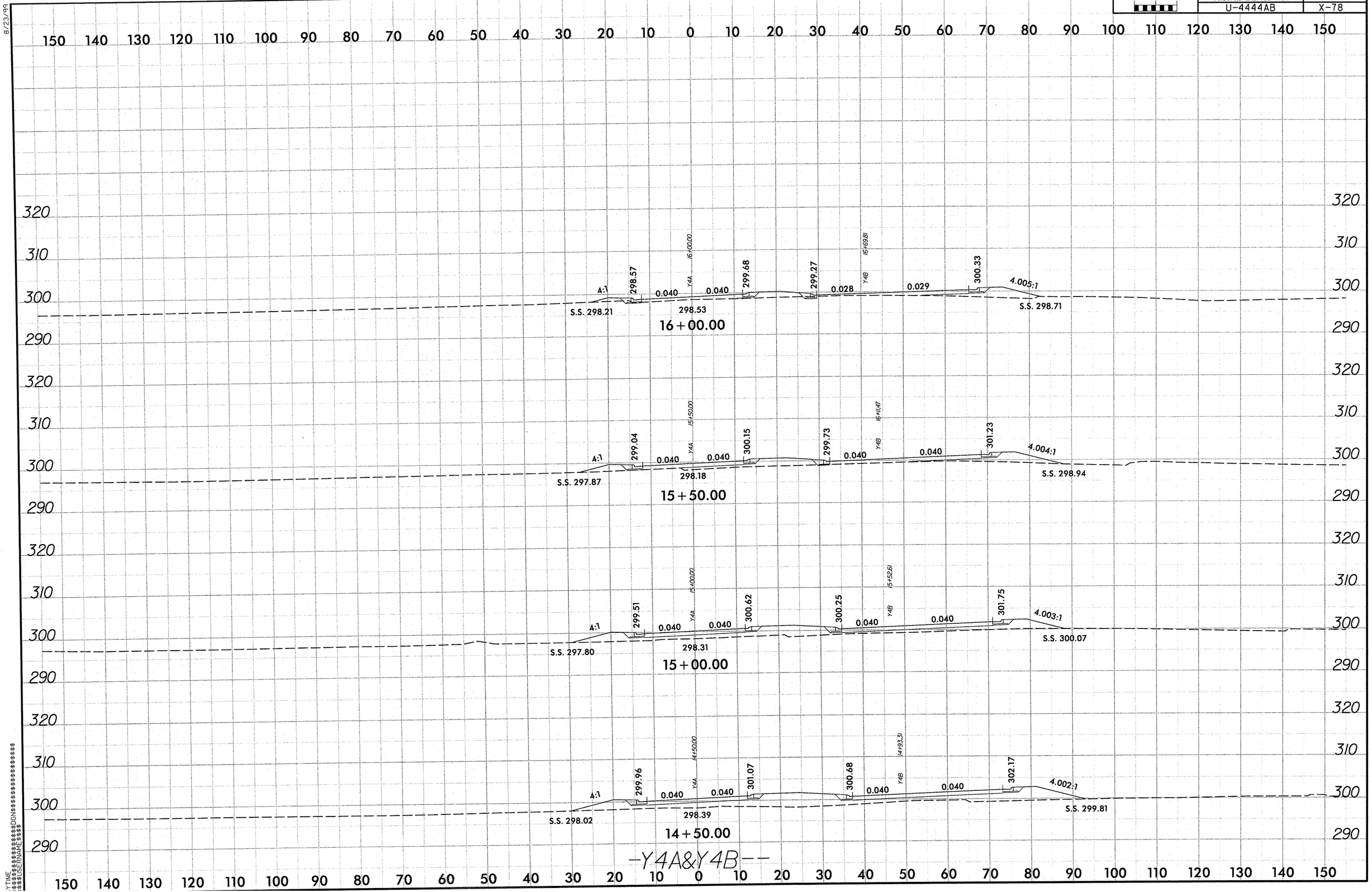
8/23/99
PROJ. REFERENCE NO.
U-4444AB
SHEET NO.
X-76
0 5 10
S.S. 299.54
300.98
0.020
0.009
301.43
301.62
0.014
0.014
302.10
4:1
300.57
S.S. 300.80
12+00.00
S.S. 300.49
4:1
6:1
298.71
0.020
0.018
300.94
301.72
0.005
0.005
301.53
300.44
S.S. 300.49
11+50.00
S.S. 300.72
5:1
6:1
0.020
0.020
300.75
301.76
0.020
0.020
S.S. 299.53
6:1
300.46
11+00.00
S.S. 301.12
4:1
6:1
298.40
0.020
0.020
300.60
301.61
0.020
0.020
S.S. 299.89
6:1
300.44
298.66
10+50.00
S.S. 301.07
4:1
6:1
0.020
0.020
300.46
301.44
0.020
0.020
5.48:1
S.S. 299.88
300.48
10+00.00
-Y4A&Y4B--

PROJ. REFERENCE NO.	SHEET NO.
U-4444AB	X-77

0 5 10



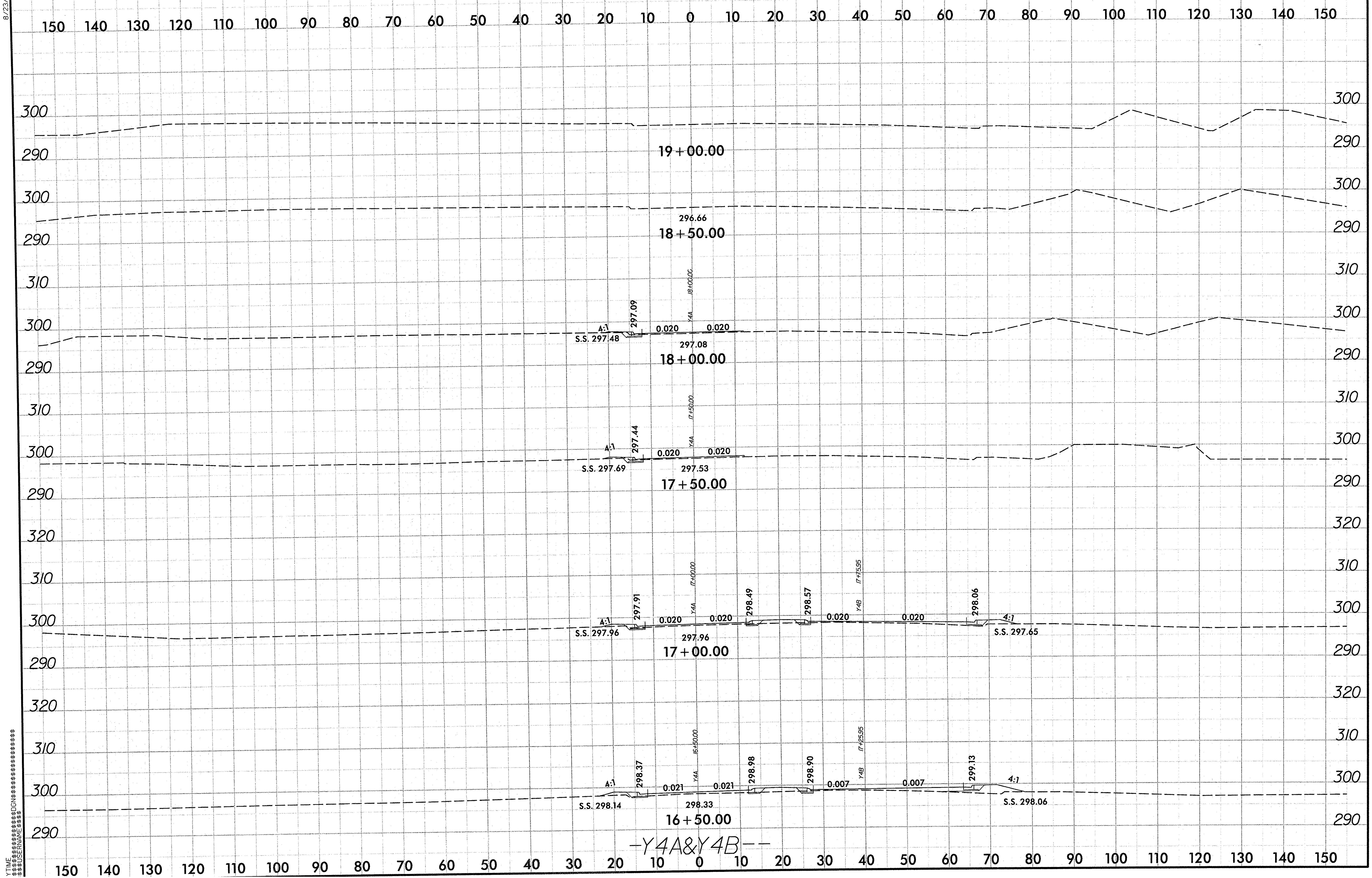
8/23/99



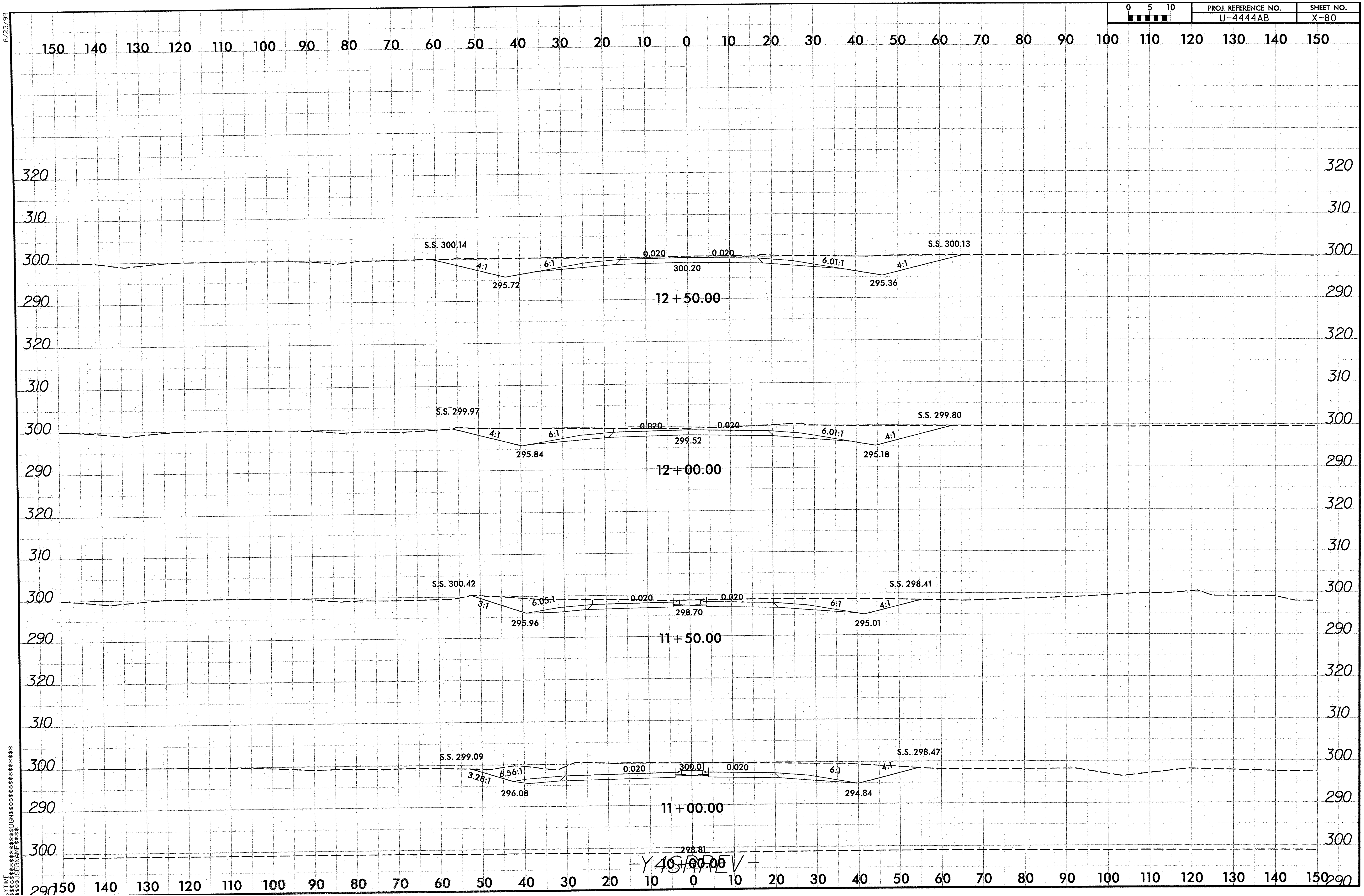
0 5 10
PROJ. REFERENCE NO.
U-4444AB
SHEET NO.
X-78
8/23/99
16+00.00
S.S. 298.21
298.53
S.S. 298.71
15+50.00
S.S. 297.87
298.18
S.S. 298.94
15+00.00
S.S. 297.80
298.31
S.S. 300.07
14+50.00
S.S. 298.02
298.39
S.S. 299.81
-Y4A&Y4B--

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-79

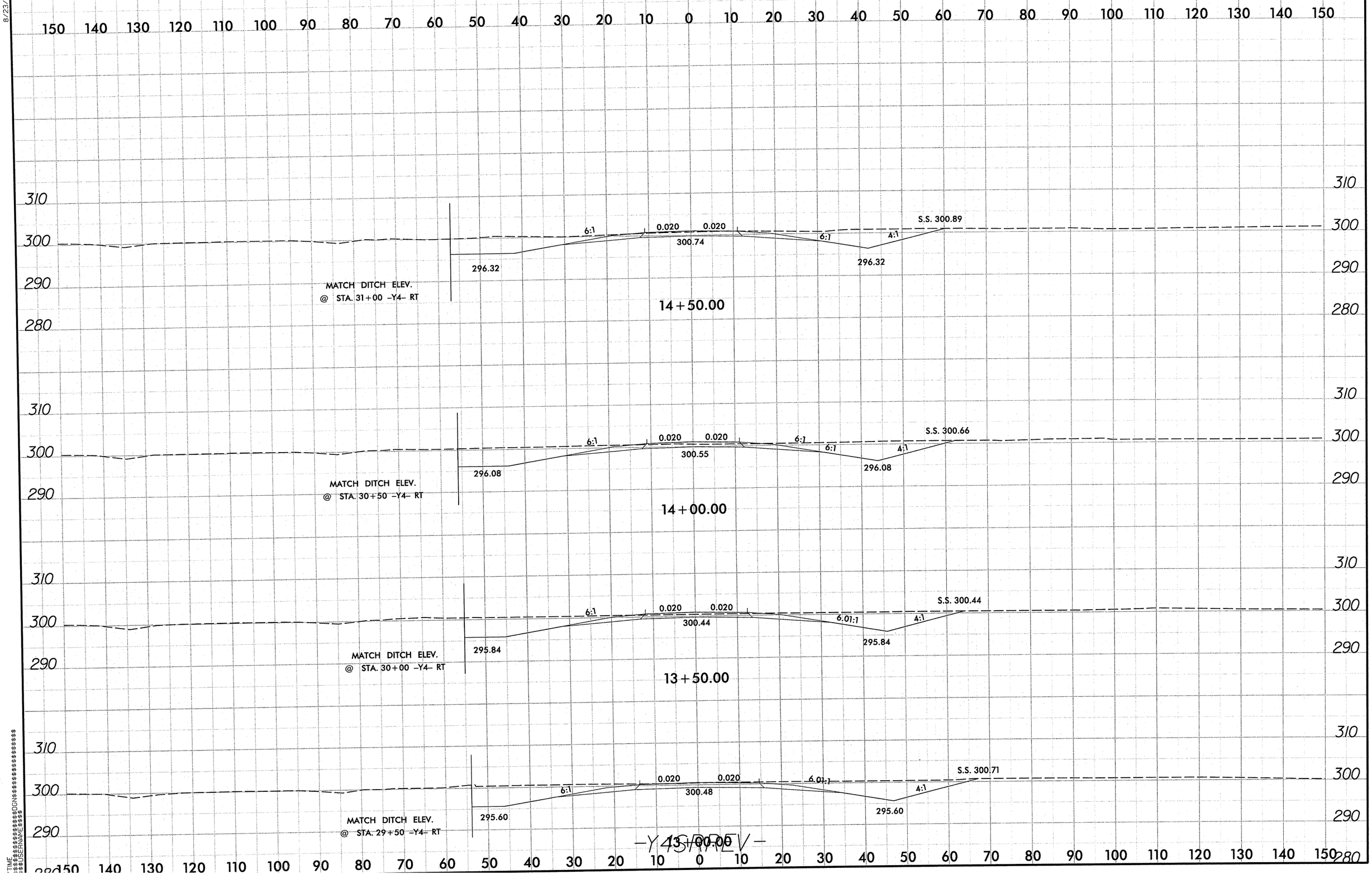


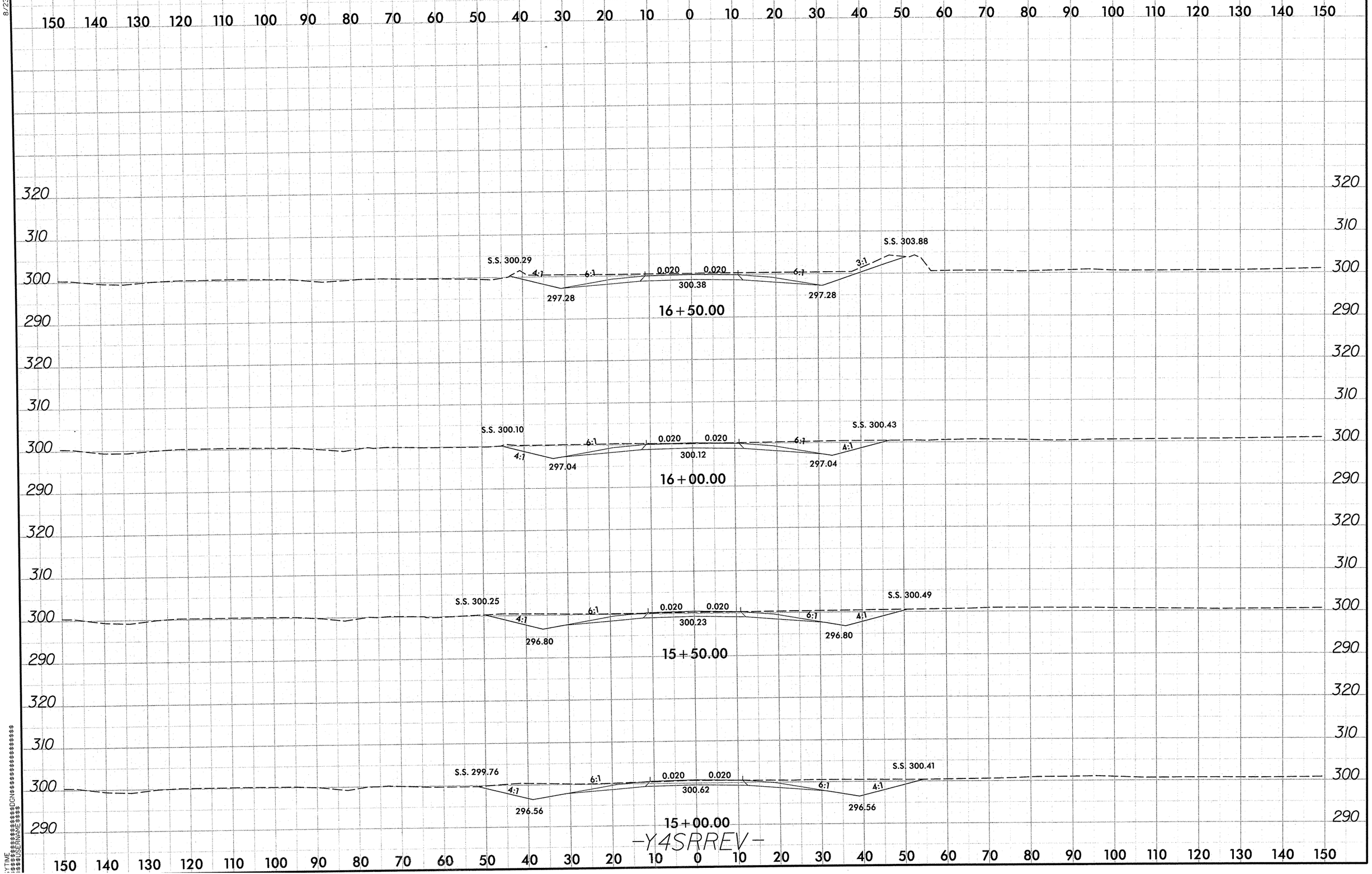
$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$
Y TIME
$$$$USERNAME$$$$


0 5 10
PROJ. REFERENCE NO.
U-4444AB
SHEET NO.
X-80
8/23/99
S.S. 300.14
4:1
6:1
0.020
0.020
300.20
6.01:1
4:1
S.S. 300.13
295.72
295.36
12+50.00
S.S. 299.97
4:1
6:1
0.020
0.020
299.52
6.01:1
4:1
S.S. 299.80
295.84
295.18
12+00.00
S.S. 300.42
3:1
6.05:1
0.020
0.020
298.70
6:1
4:1
S.S. 298.41
295.96
295.01
11+50.00
S.S. 299.09
3.28:1
6.56:1
0.020
300.01
0.020
6:1
4:1
S.S. 298.47
296.08
294.84
11+00.00
298.81
10+00.00
-Y45RPREV-
$$$$$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$$$
$$$$$$USERNAME$$$$
SYTIME

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-81

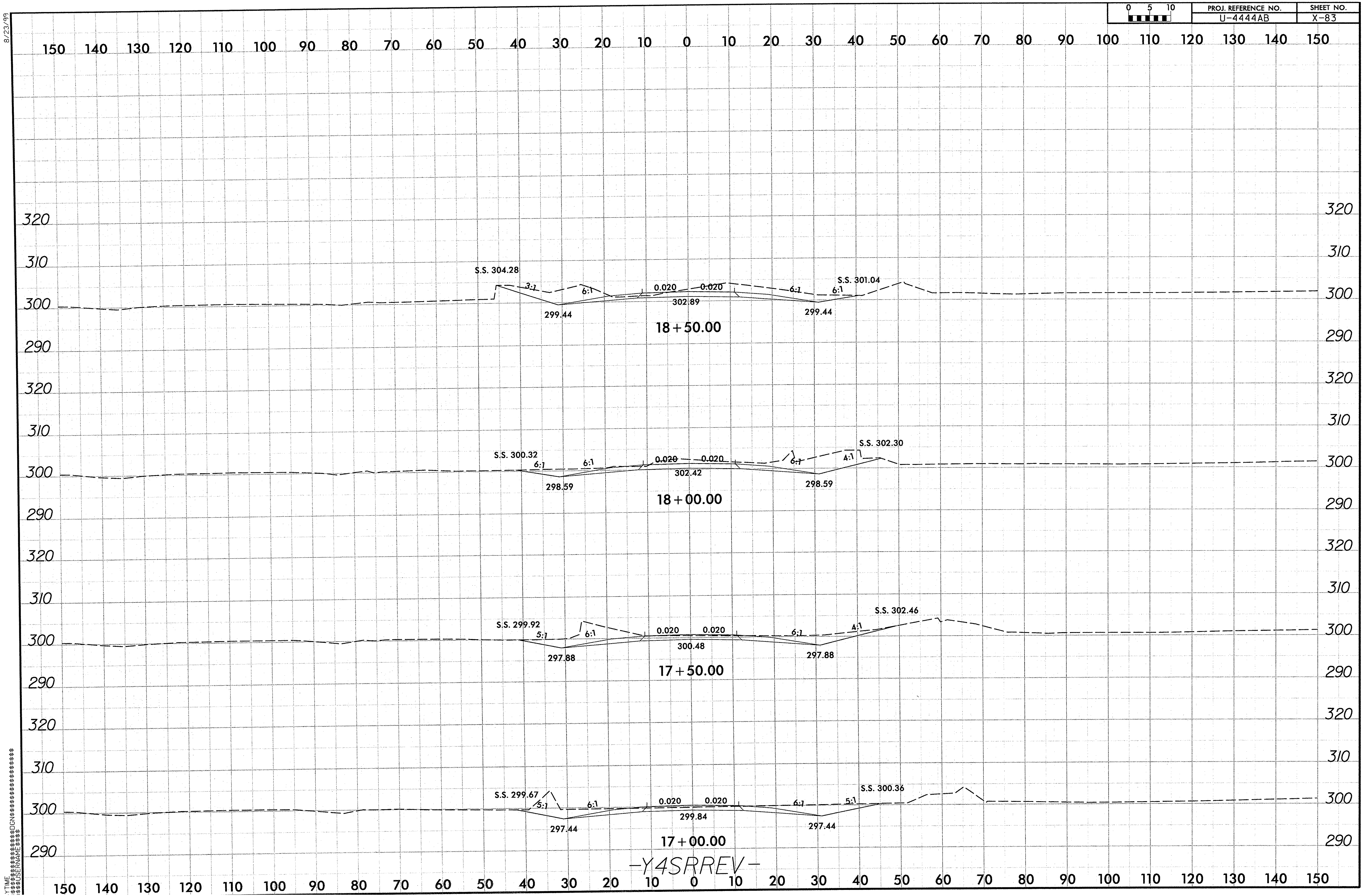
8/23/99



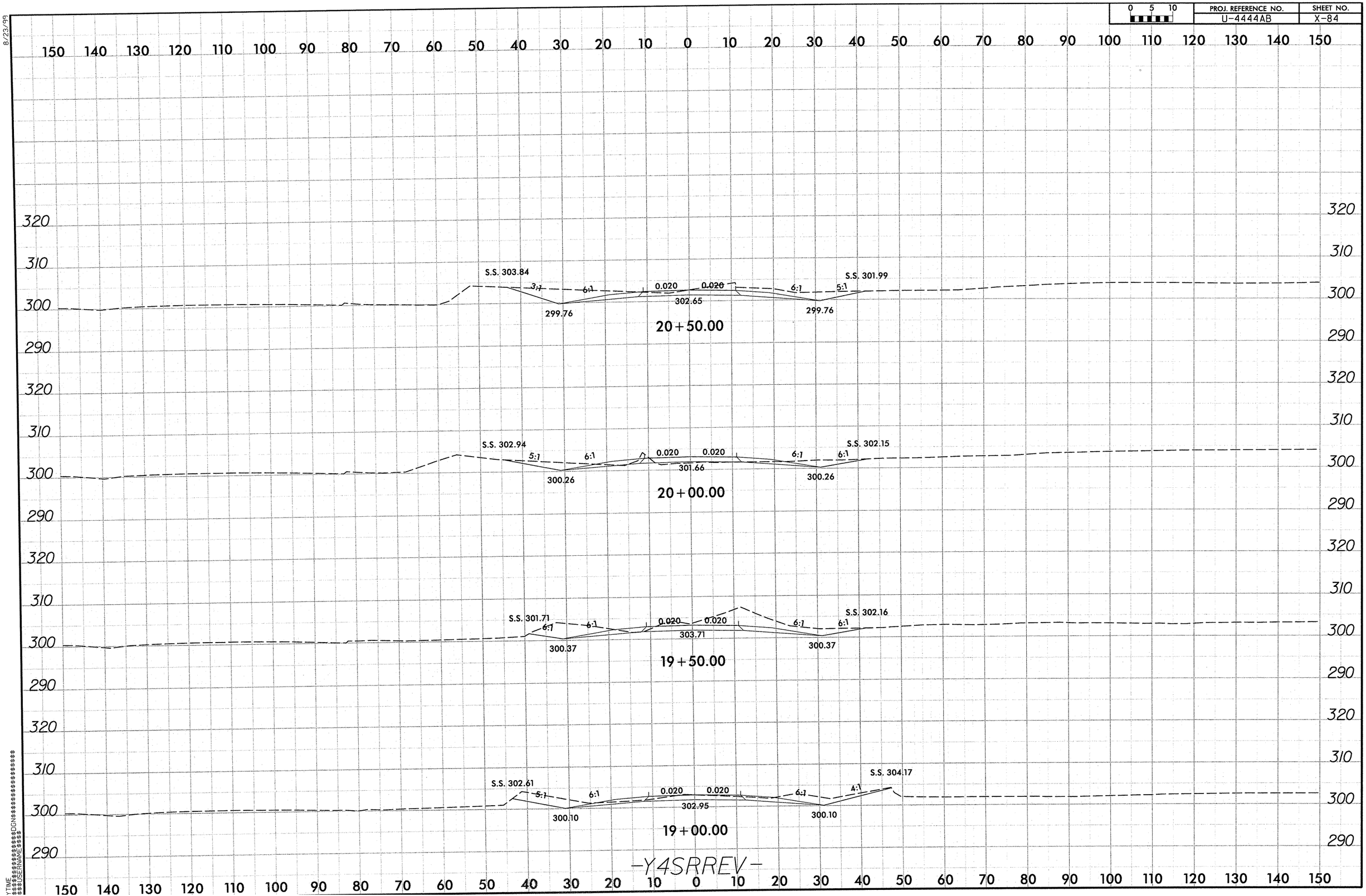


0 5 10
PROJ. REFERENCE NO.
U-4444AB
SHEET NO.
X-82
8/23/99
S.S. 300.29
4:1
6:1
0.020
0.020
6:1
3:1
S.S. 303.88
297.28
300.38
297.28
16+50.00
S.S. 300.10
6:1
0.020
0.020
6:1
4:1
S.S. 300.43
4:1
297.04
300.12
297.04
16+00.00
S.S. 300.25
6:1
0.020
0.020
6:1
4:1
S.S. 300.49
4:1
296.80
300.23
296.80
15+50.00
S.S. 299.76
6:1
0.020
0.020
6:1
4:1
S.S. 300.41
4:1
296.56
300.62
296.56
15+00.00
-Y4SRREV-

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-83

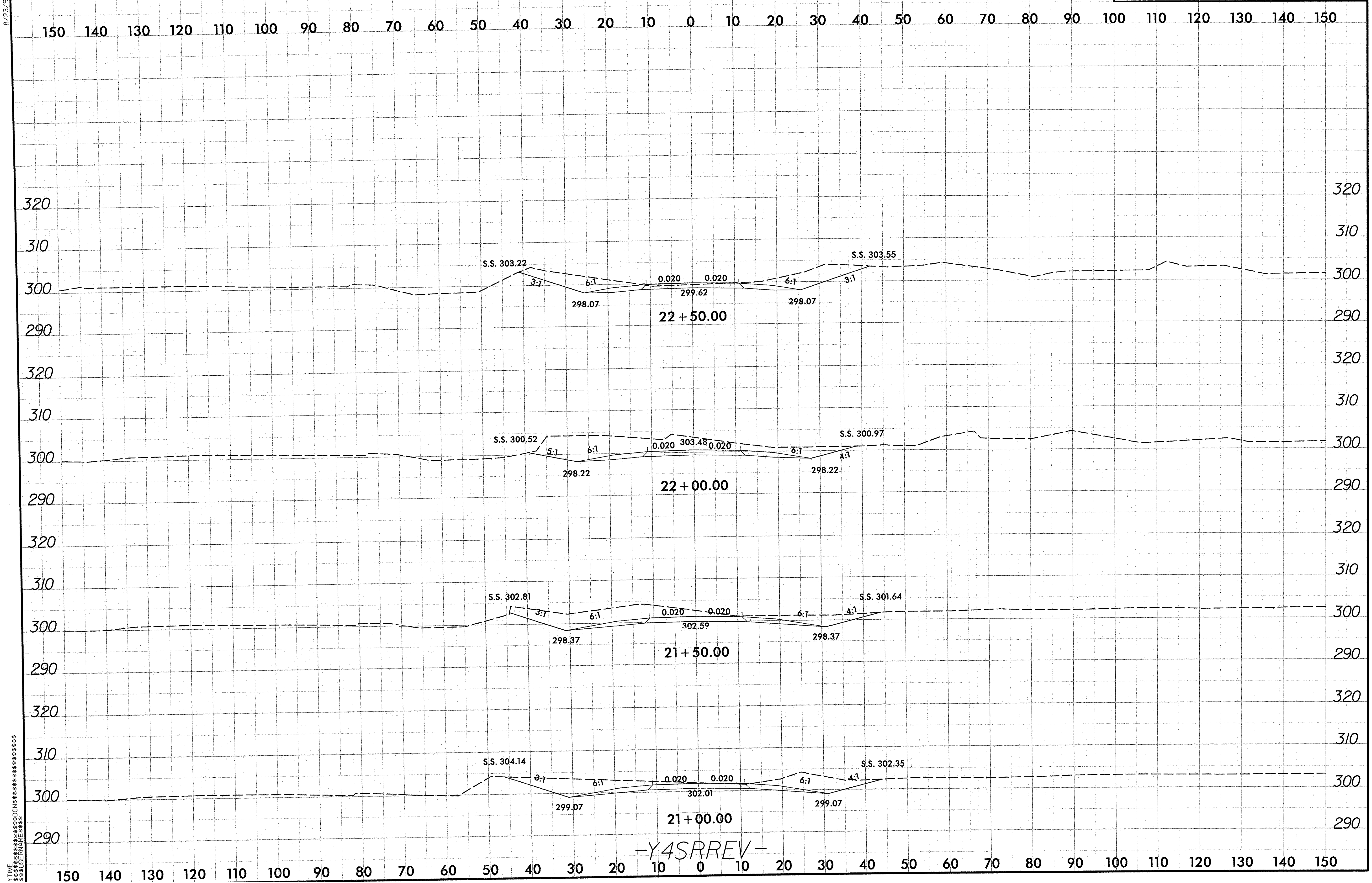


0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-84

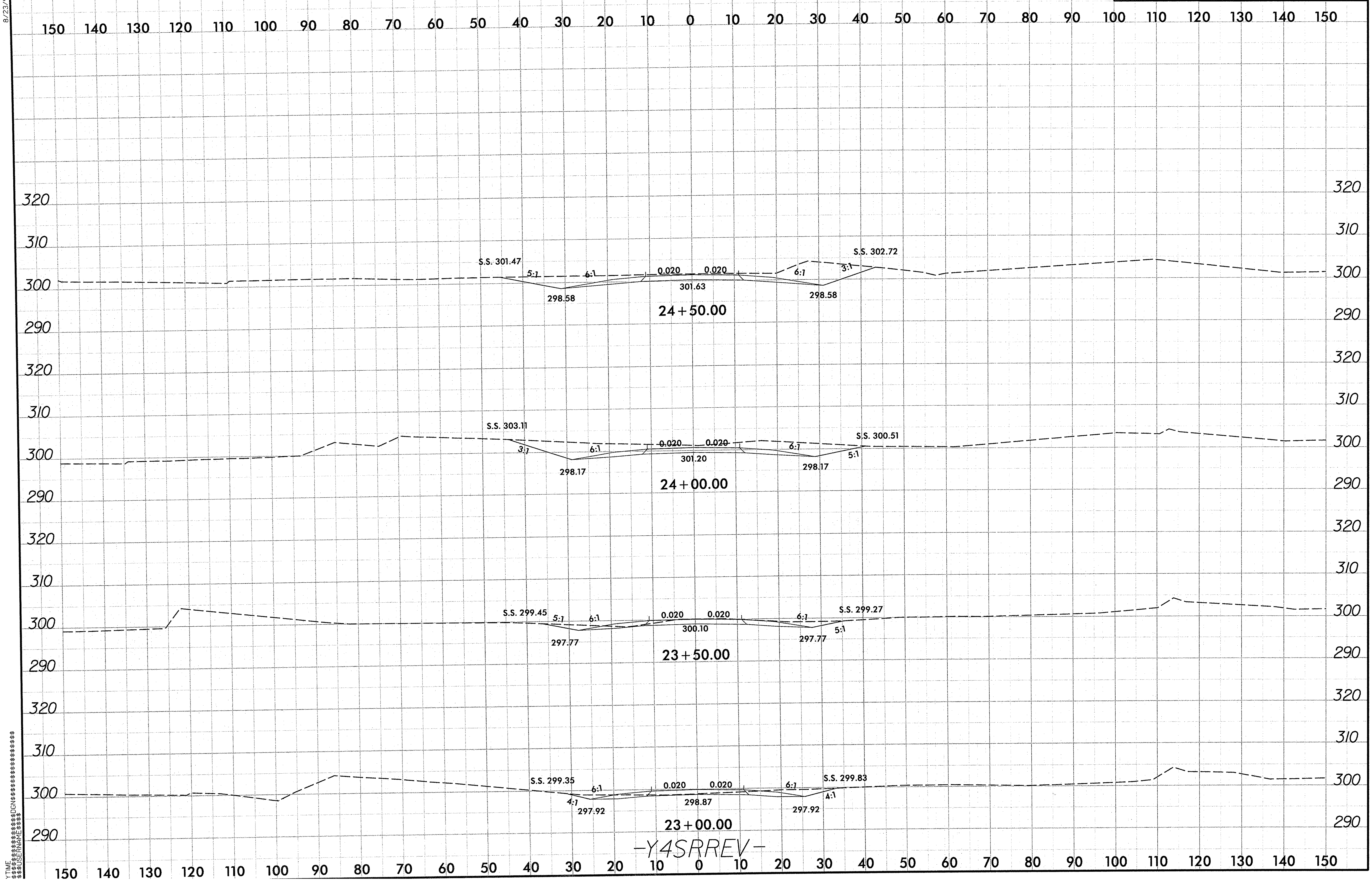


8/23/99

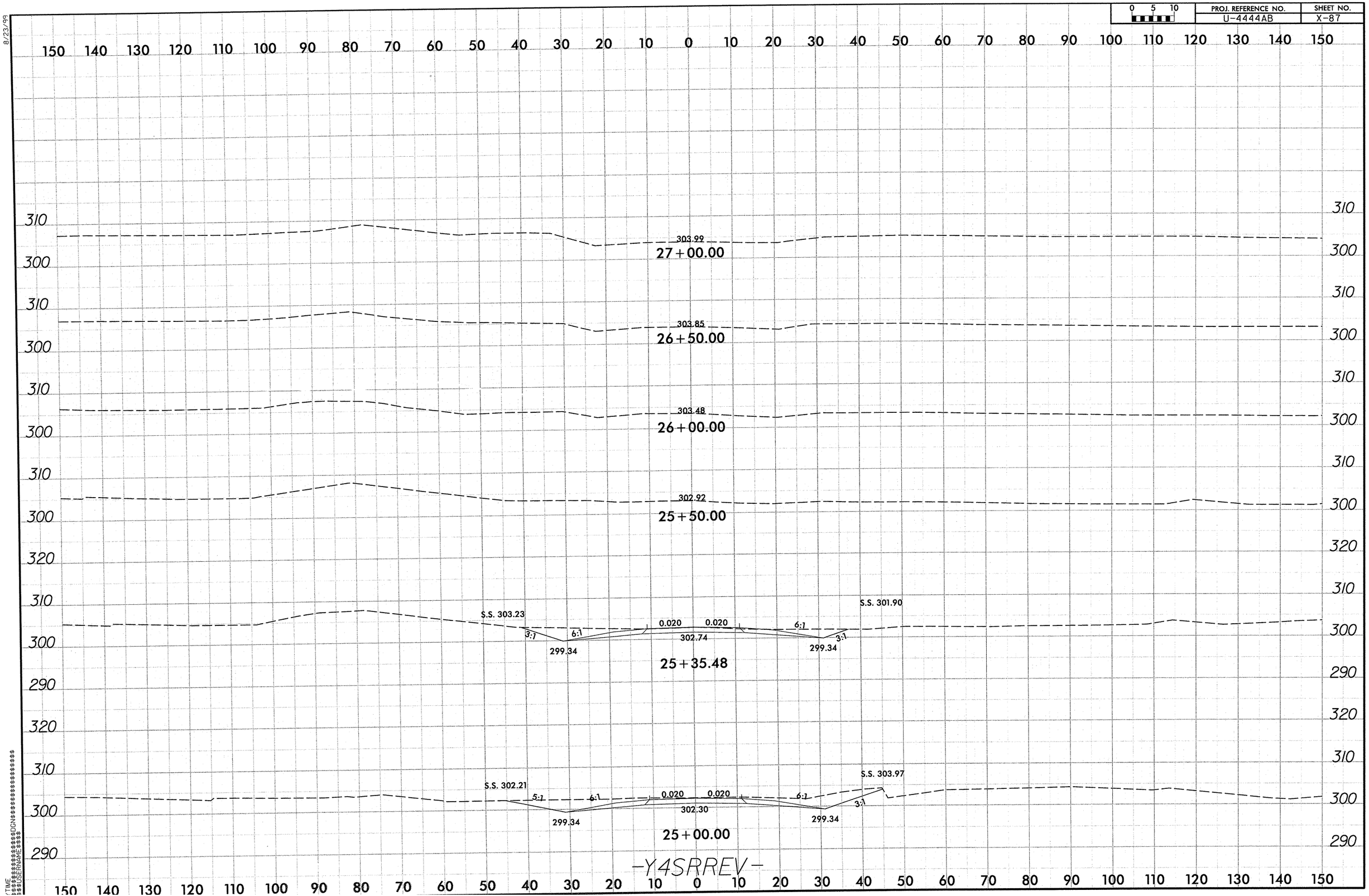
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-85



PROJ. REFERENCE NO.	SHEET NO.
U-4444AB	X-86



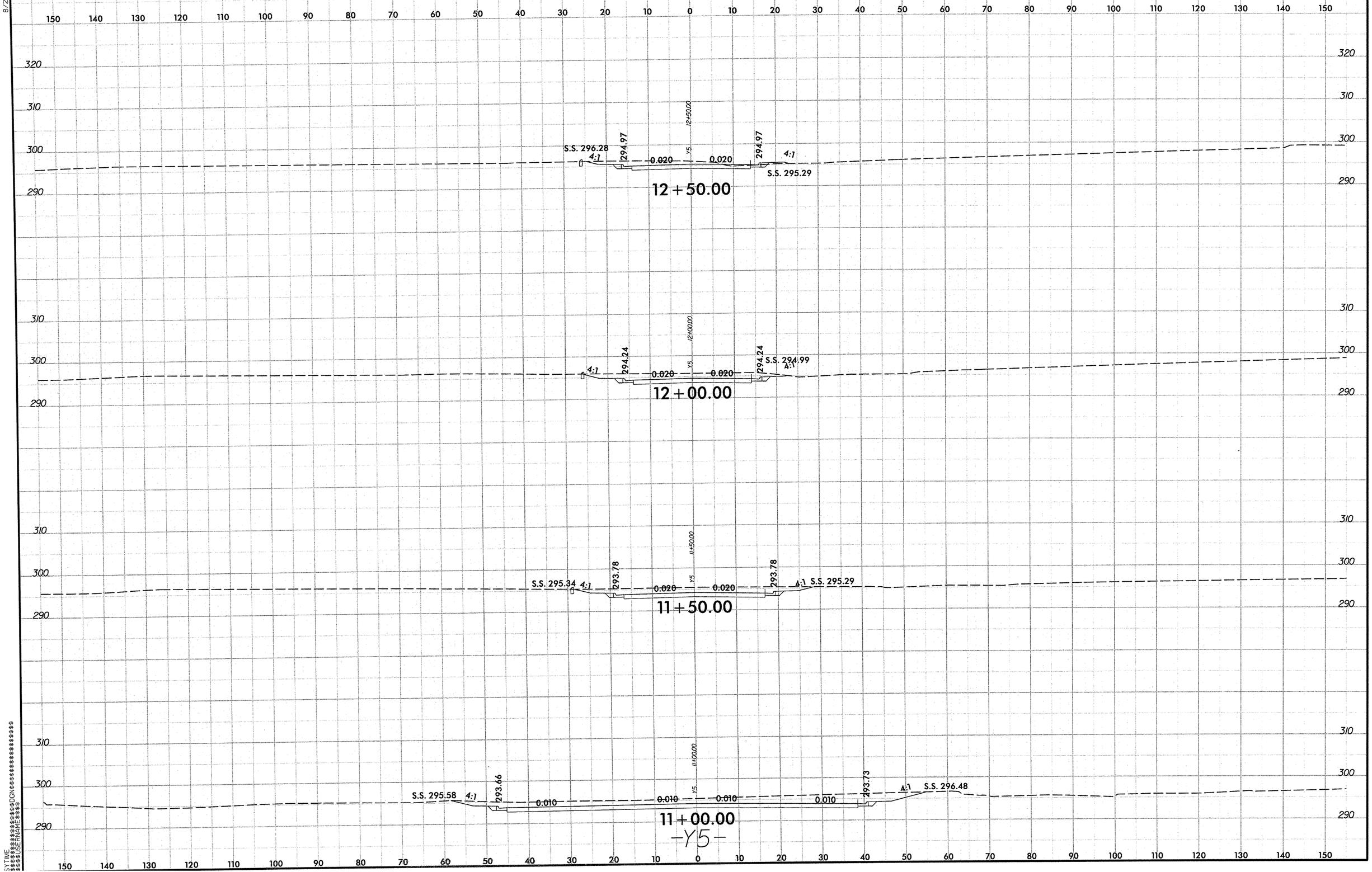
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-87



8/23/99

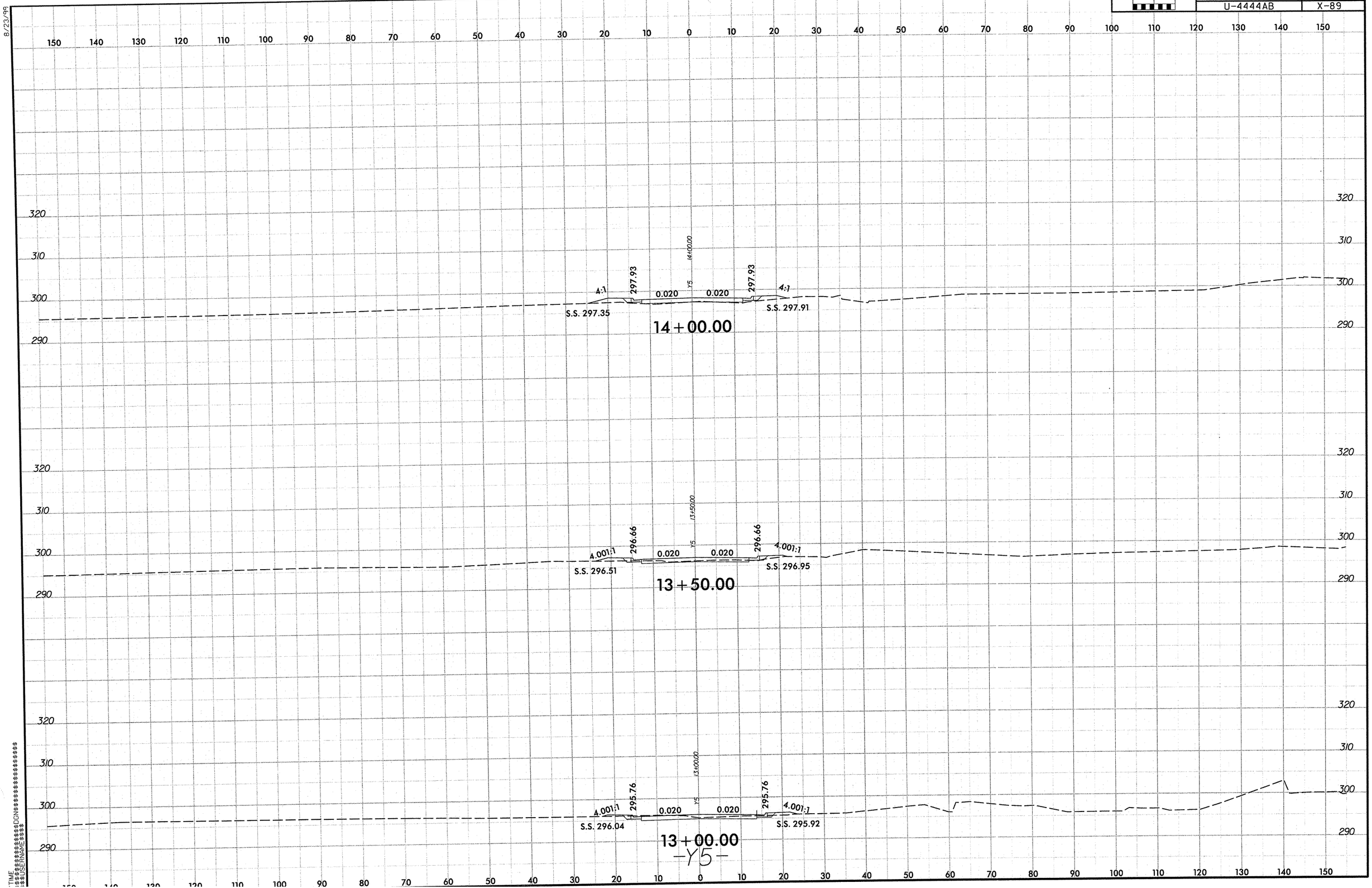
PROJ. REFERENCE NO.	SHEET NO.
U-4444AB	X-88

0 5 10



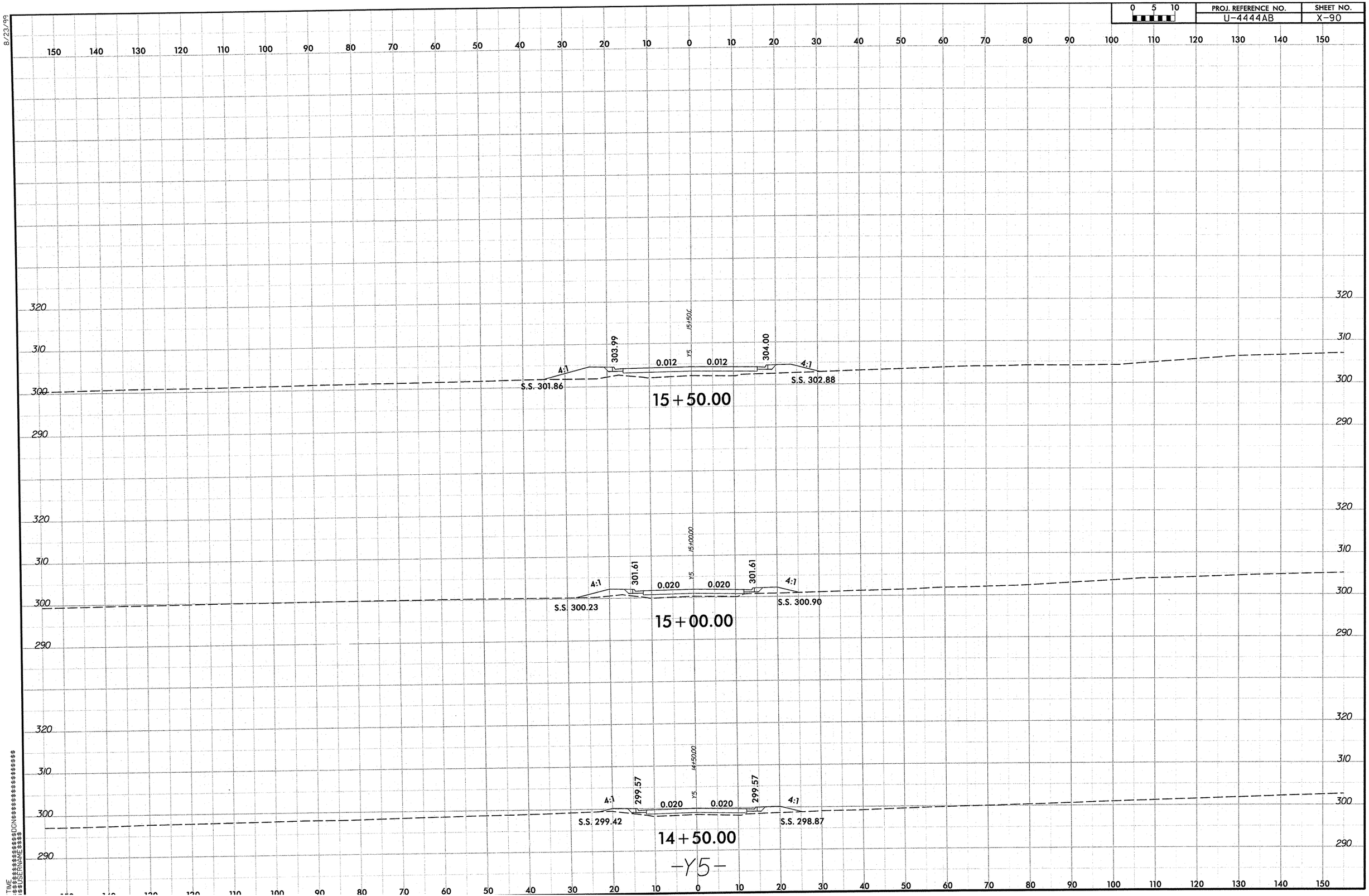
8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-89



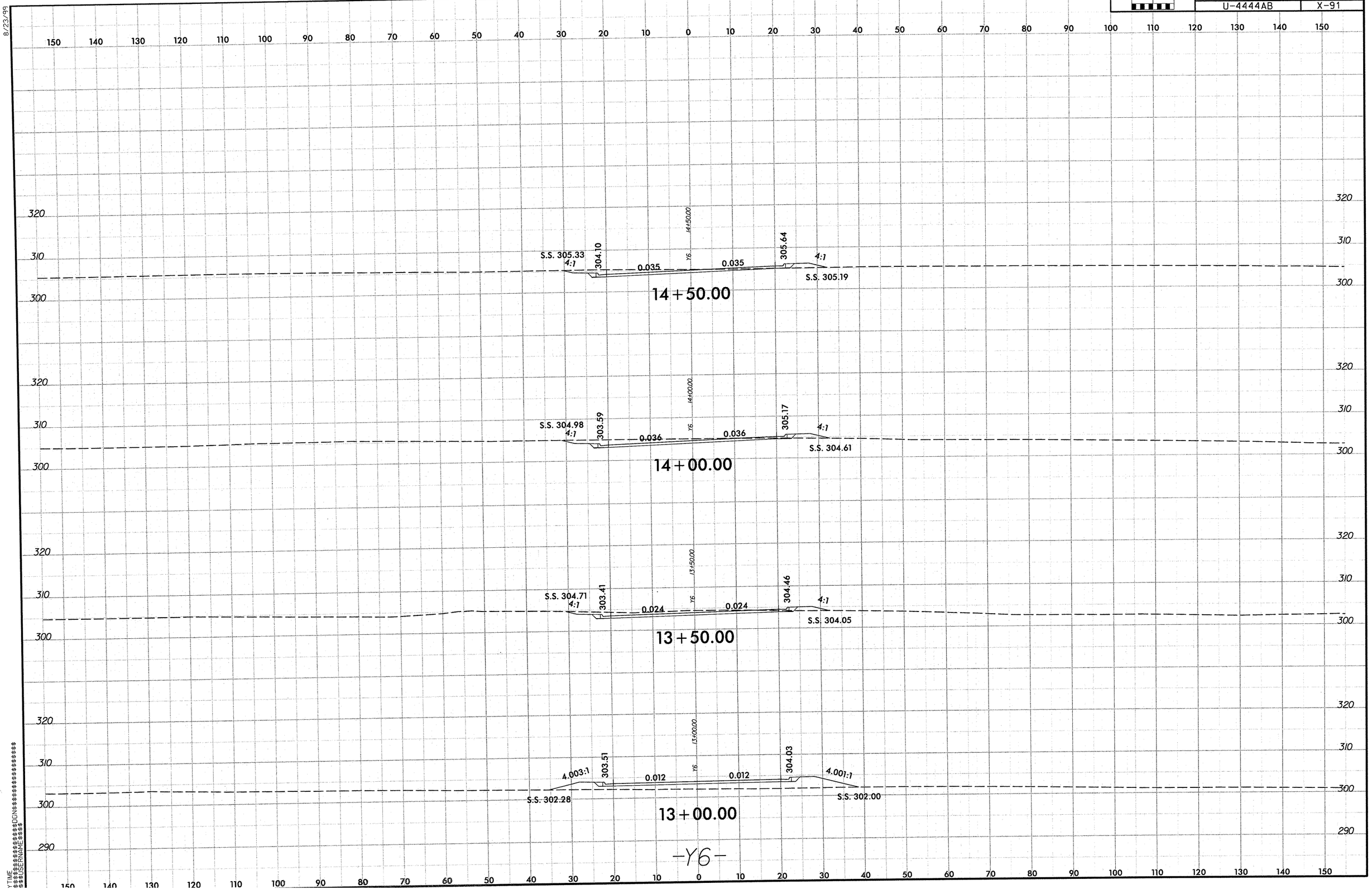
8/23/99

PROJ. REFERENCE NO.	SHEET NO.
U-4444AB	X-90



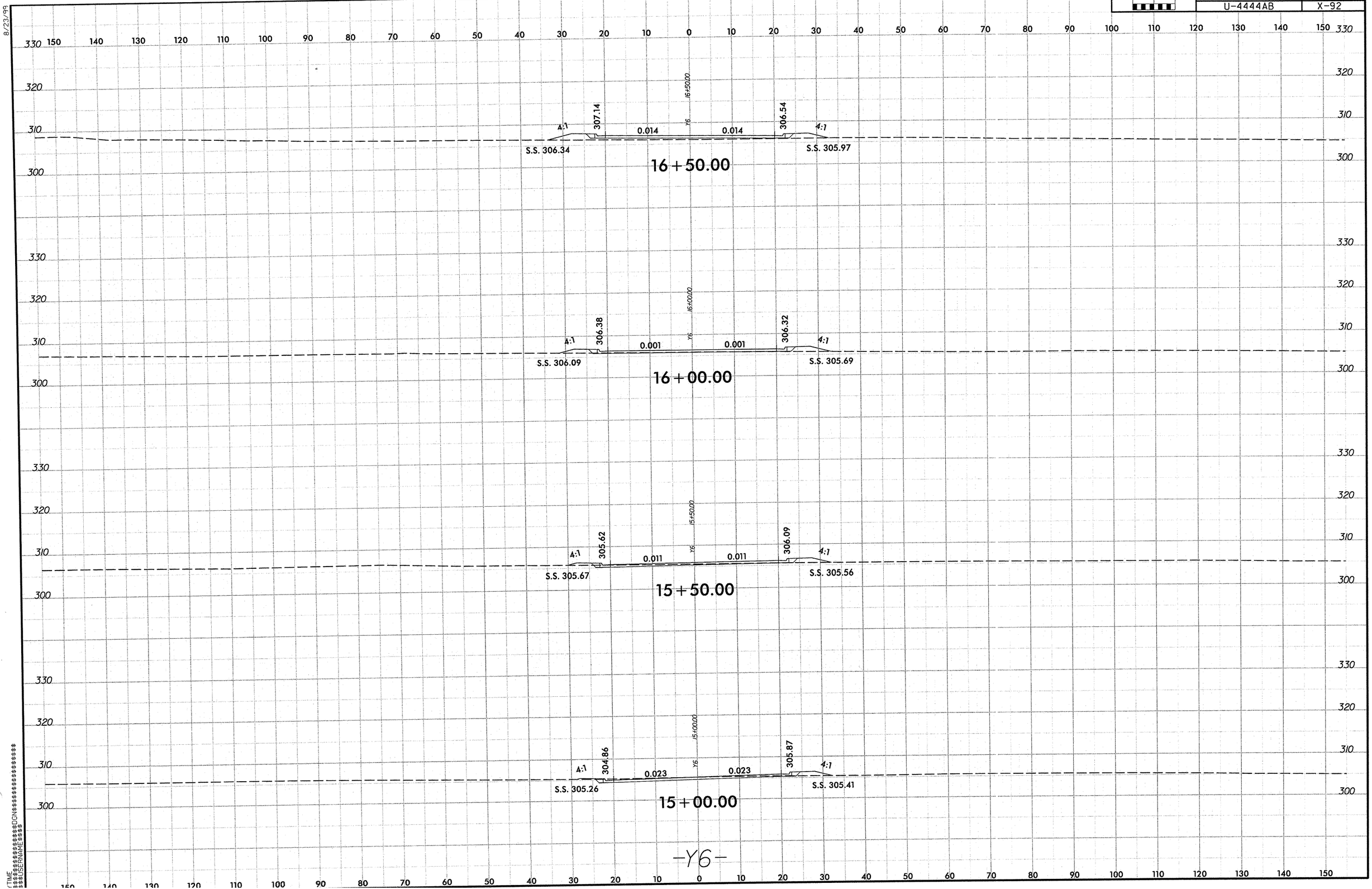
8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-91



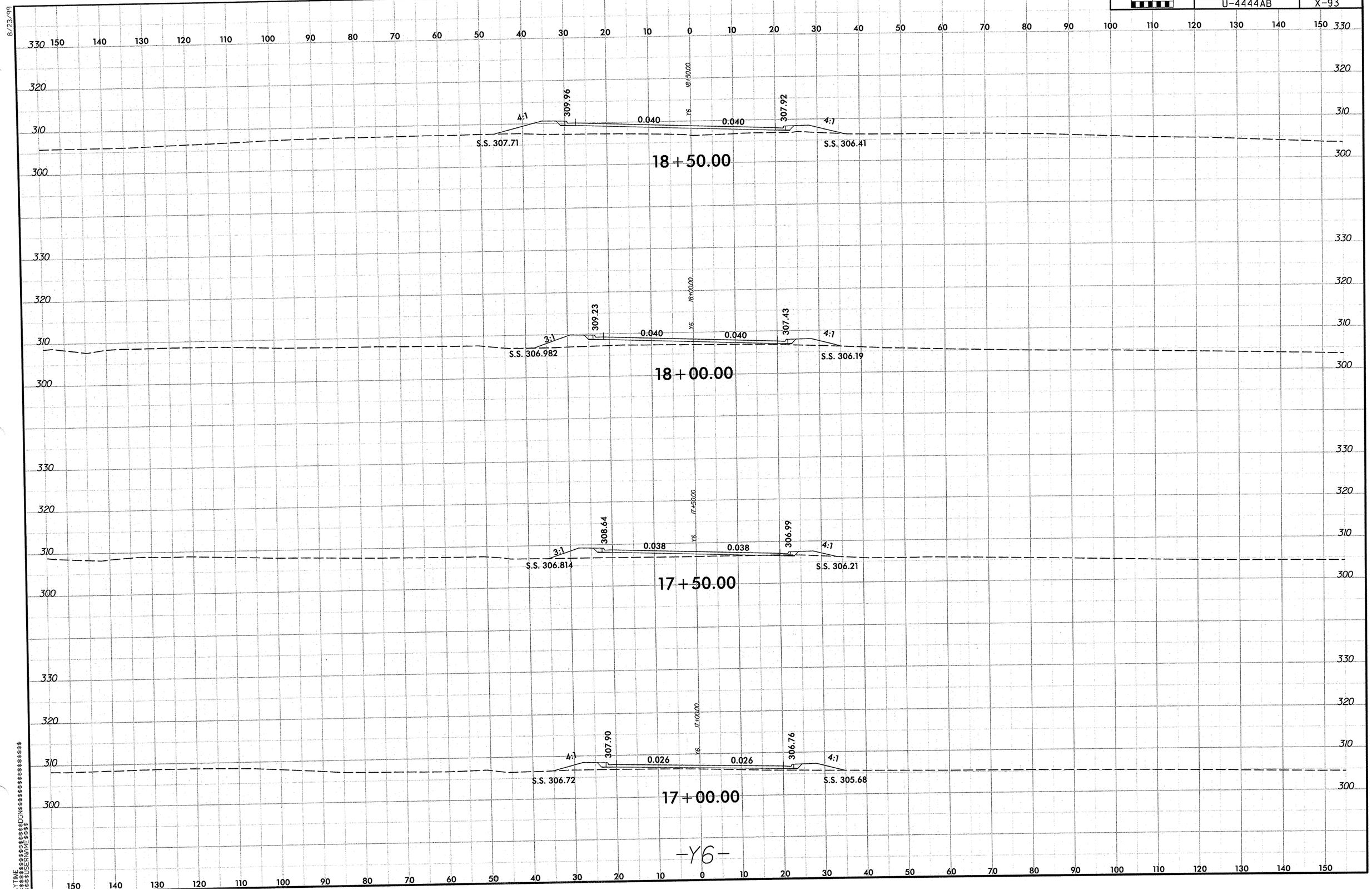
8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-92

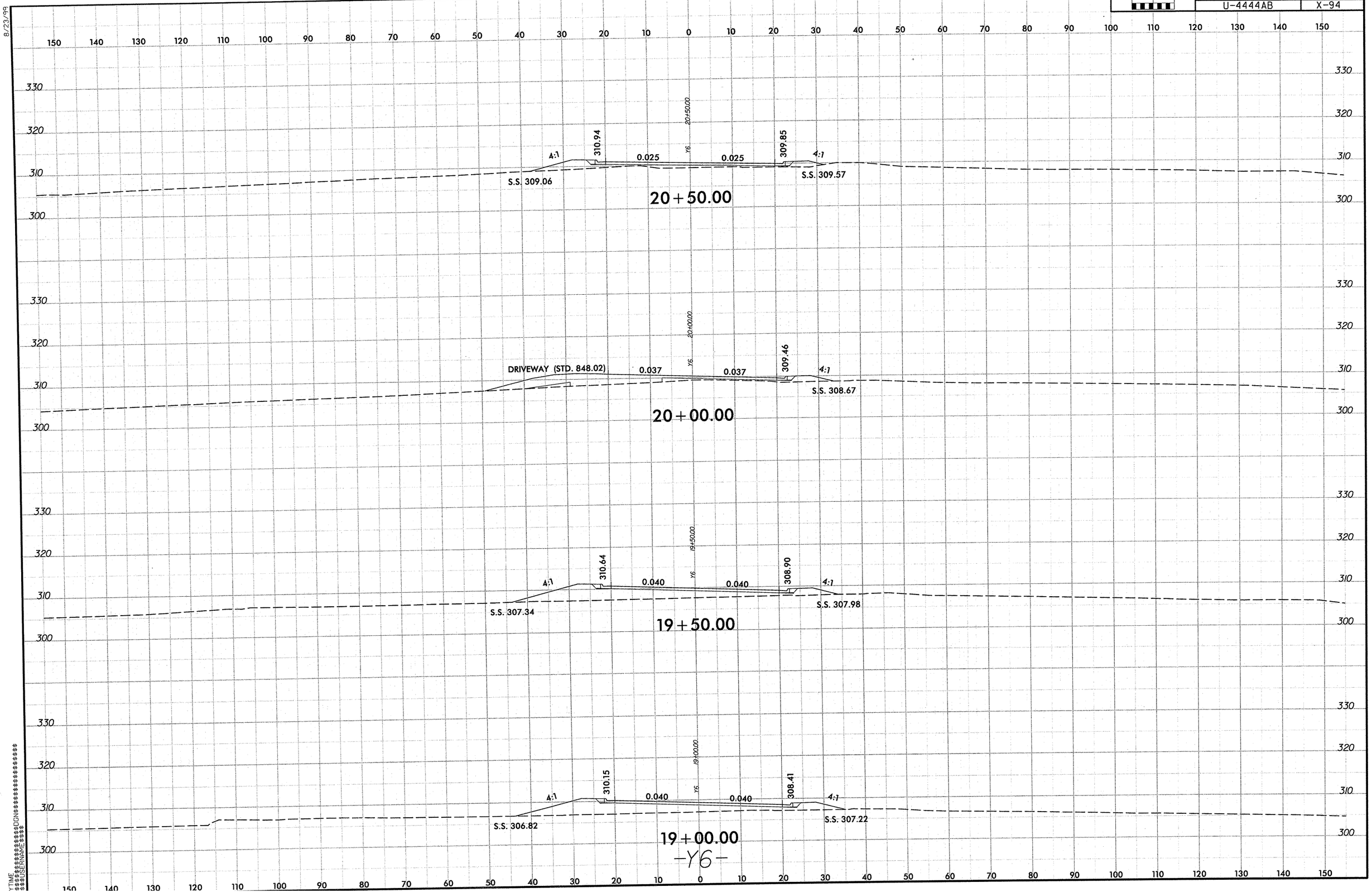


8/23/99

PROJ. REFERENCE NO.	SHEET NO.
U-4444AB	X-93

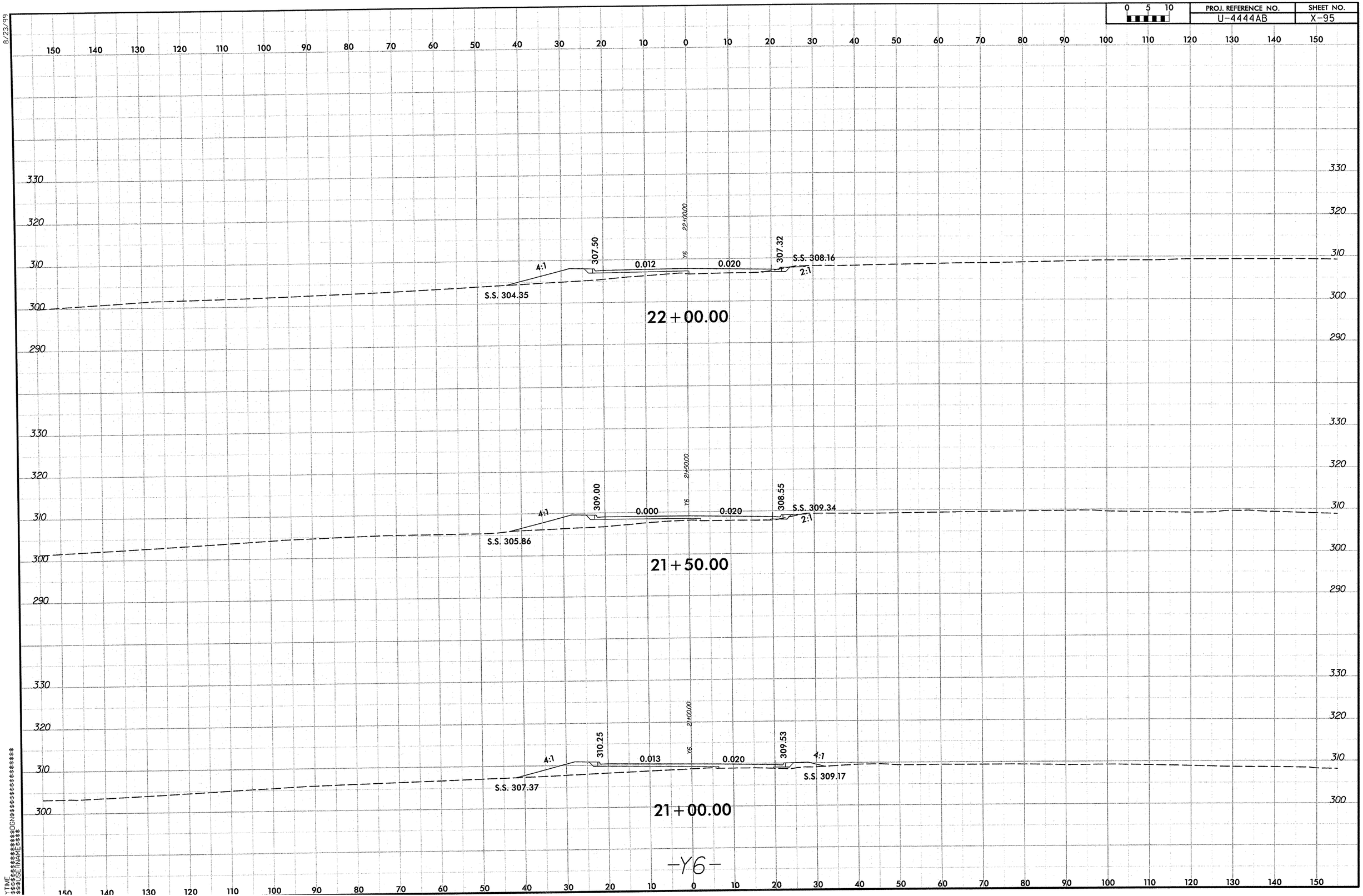


PROJ. REFERENCE NO.	SHEET NO.
U-4444AB	X-94



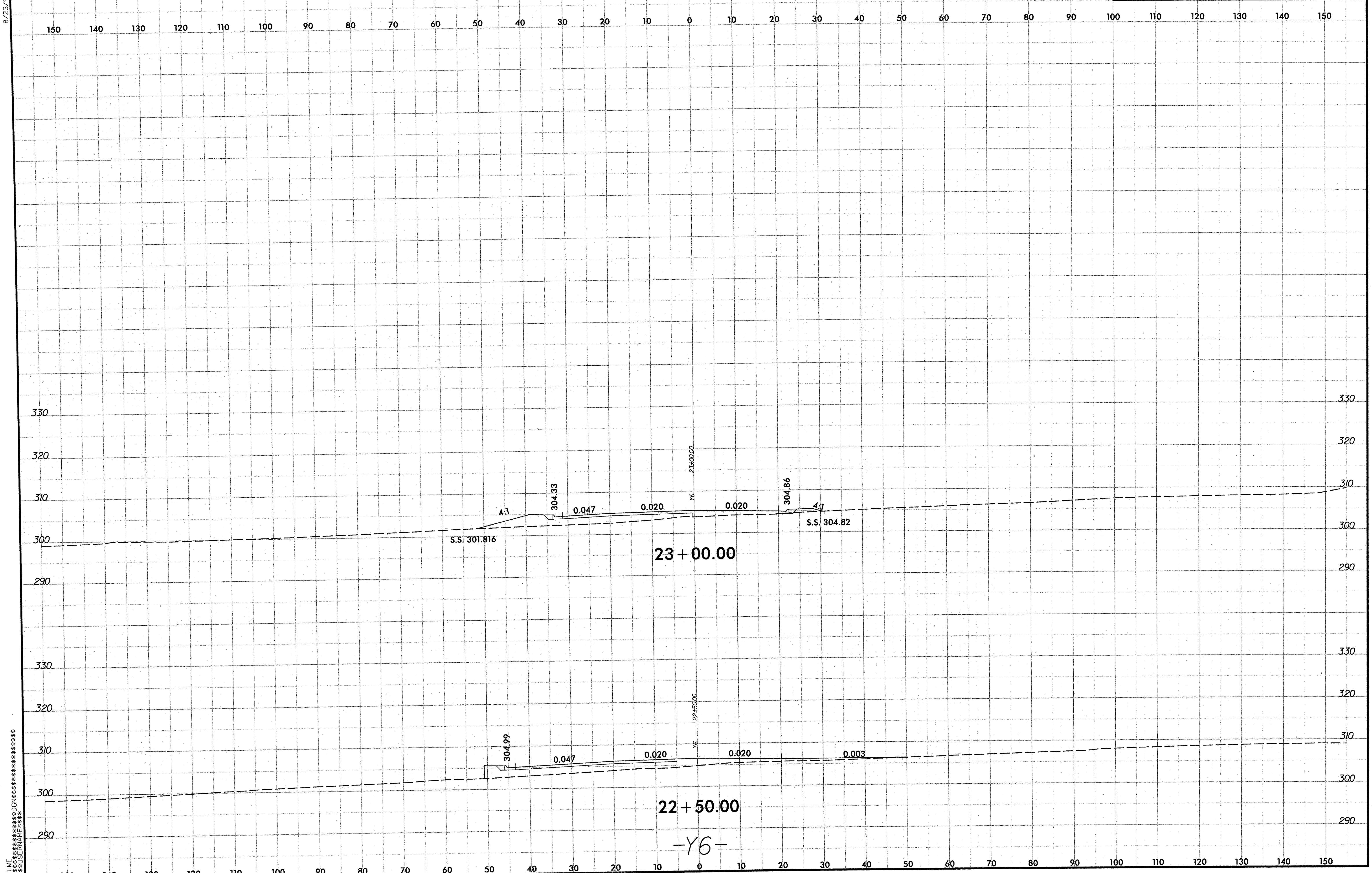
8/23/99

PROJ. REFERENCE NO.	SHEET NO.
U-4444AB	X-95

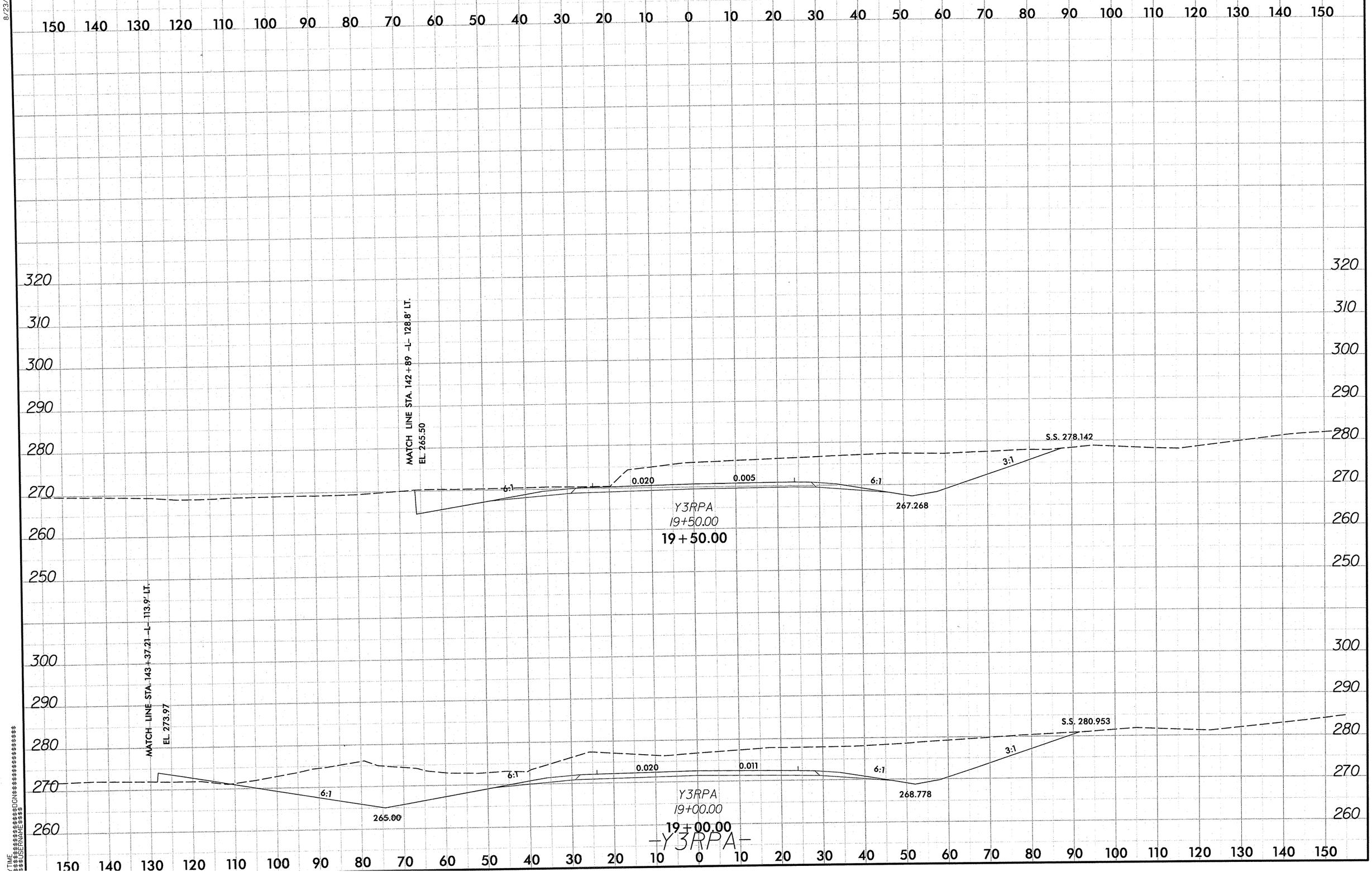


8/23/99

PROJ. REFERENCE NO.	SHEET NO.
U-4444AB	X-96

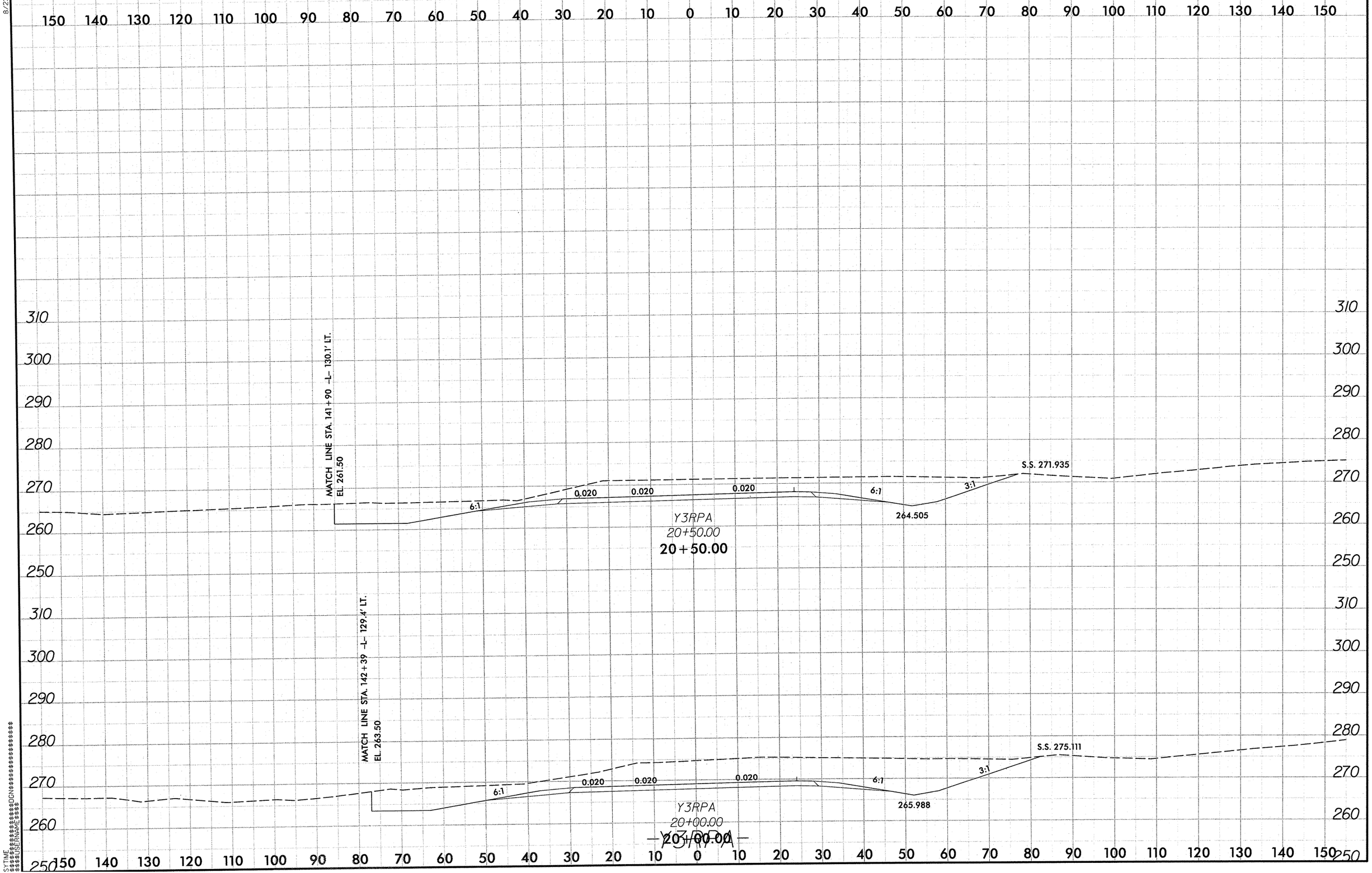


0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-97



8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-98



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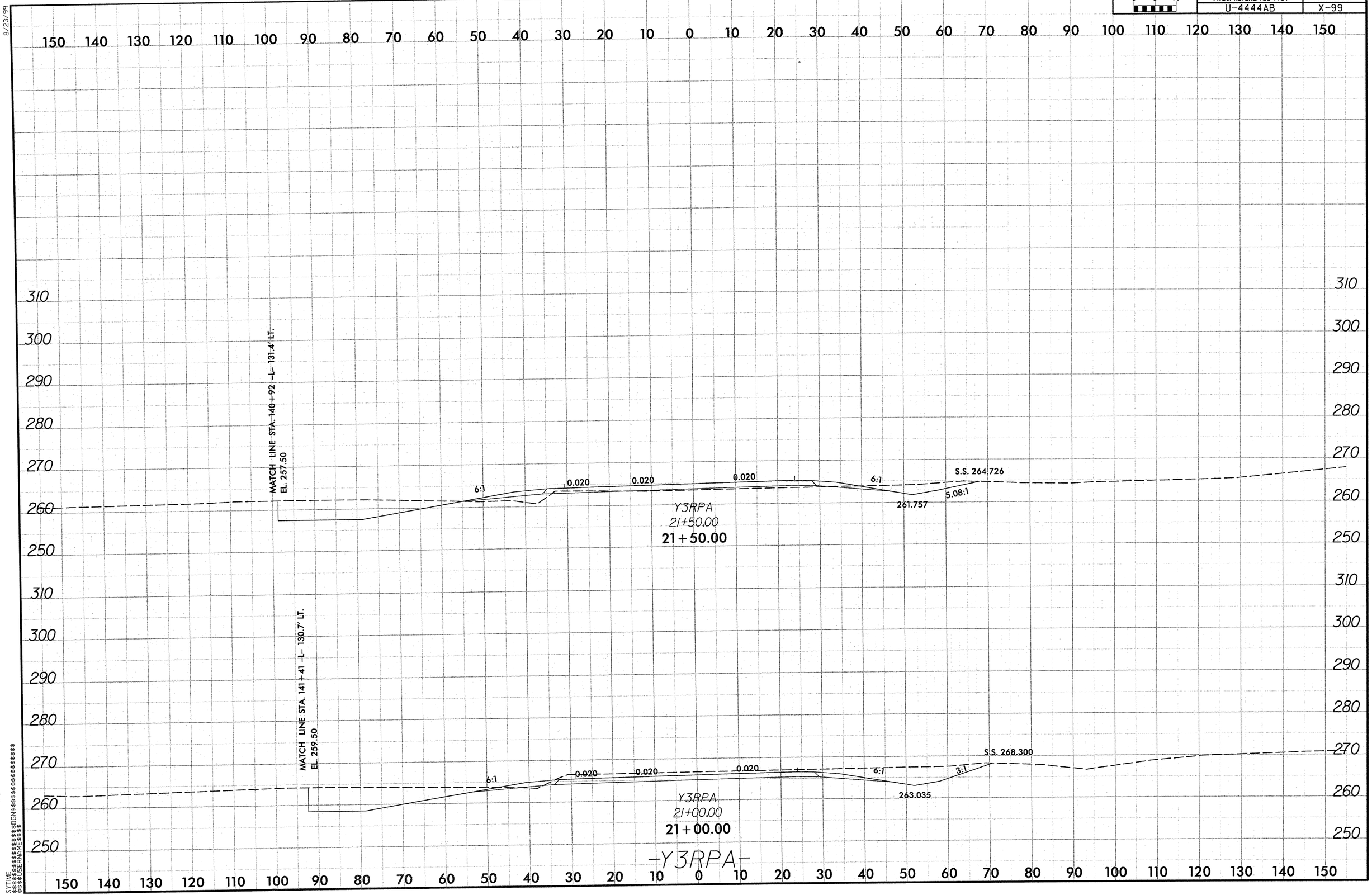
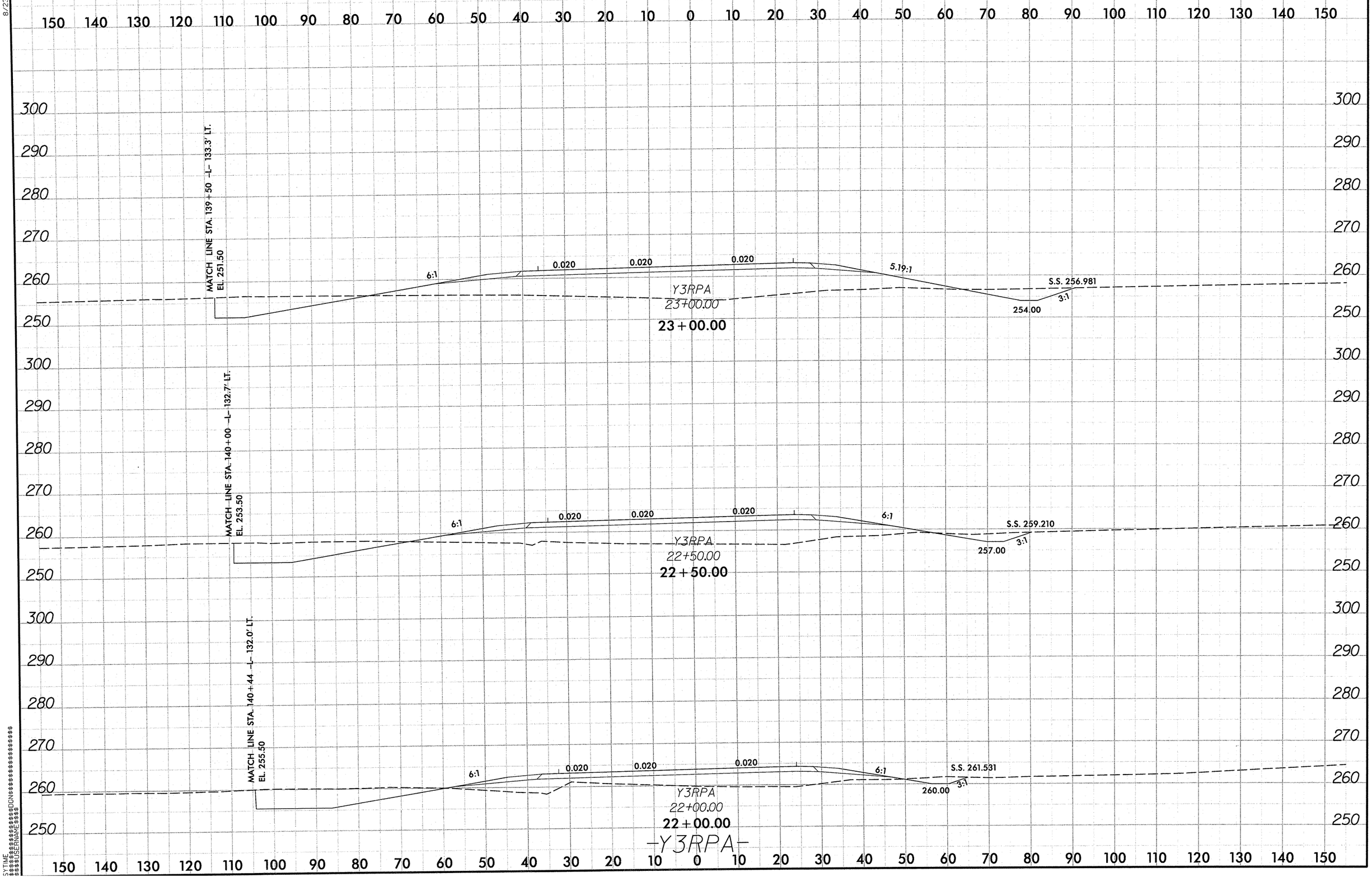
$$$$$$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

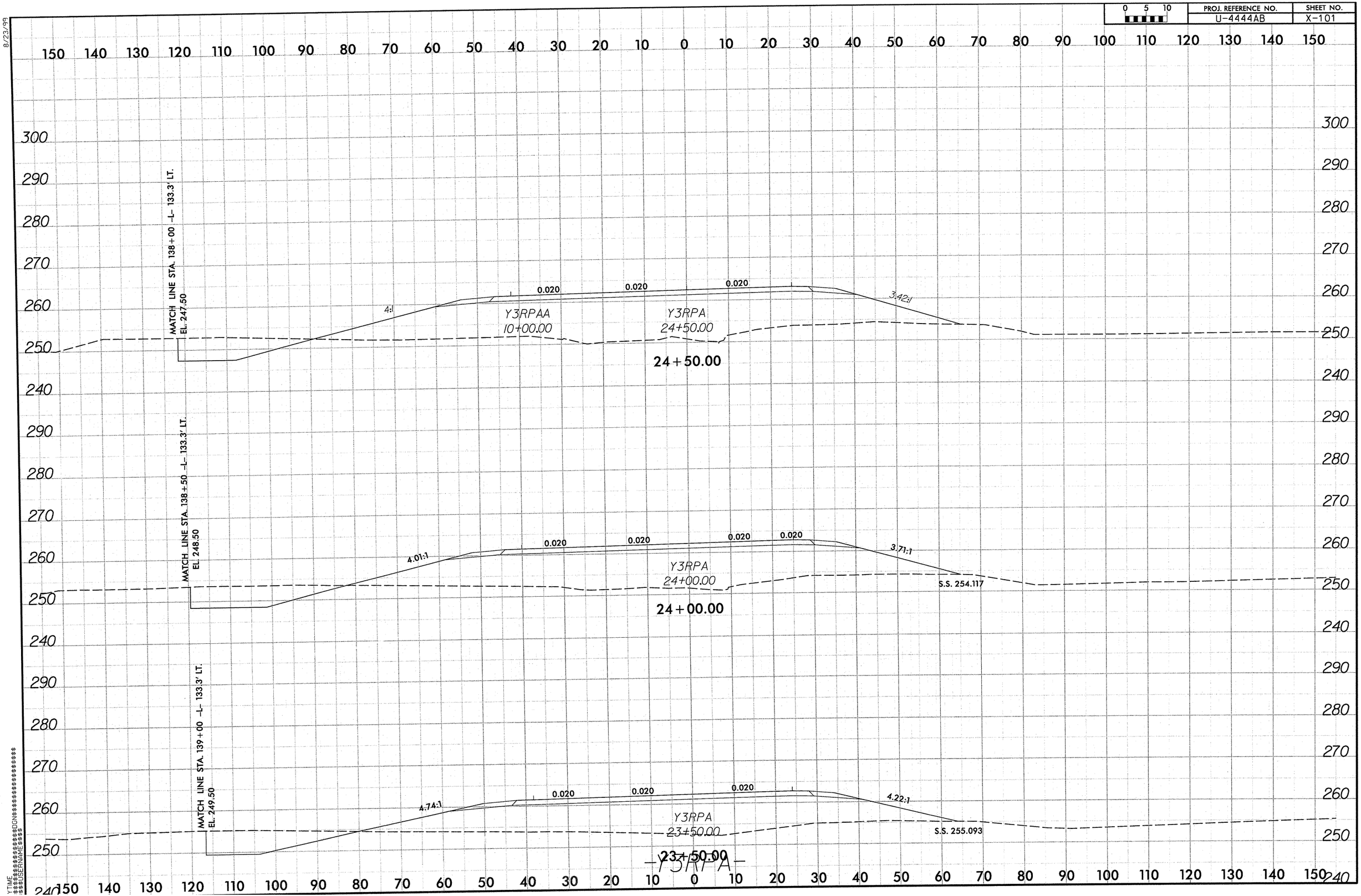


0 5 10
PROJ. REFERENCE NO.
U-4444AB
SHEET NO.
X-99
8/23/99
MATCH LINE STA. 140+92 -L- 131.4' LT.
EL. 257.50
6:1
0.020
0.020
0.020
6:1
S.S. 264.726
5.08:1
261.757
Y3RPA
21+50.00
21+50.00
MATCH LINE STA. 141+41 -L- 130.7' LT.
EL. 259.50
6:1
0.020
0.020
0.020
6:1
3:1
S.S. 268.300
263.035
Y3RPA
21+00.00
21+00.00
-Y3RPA-



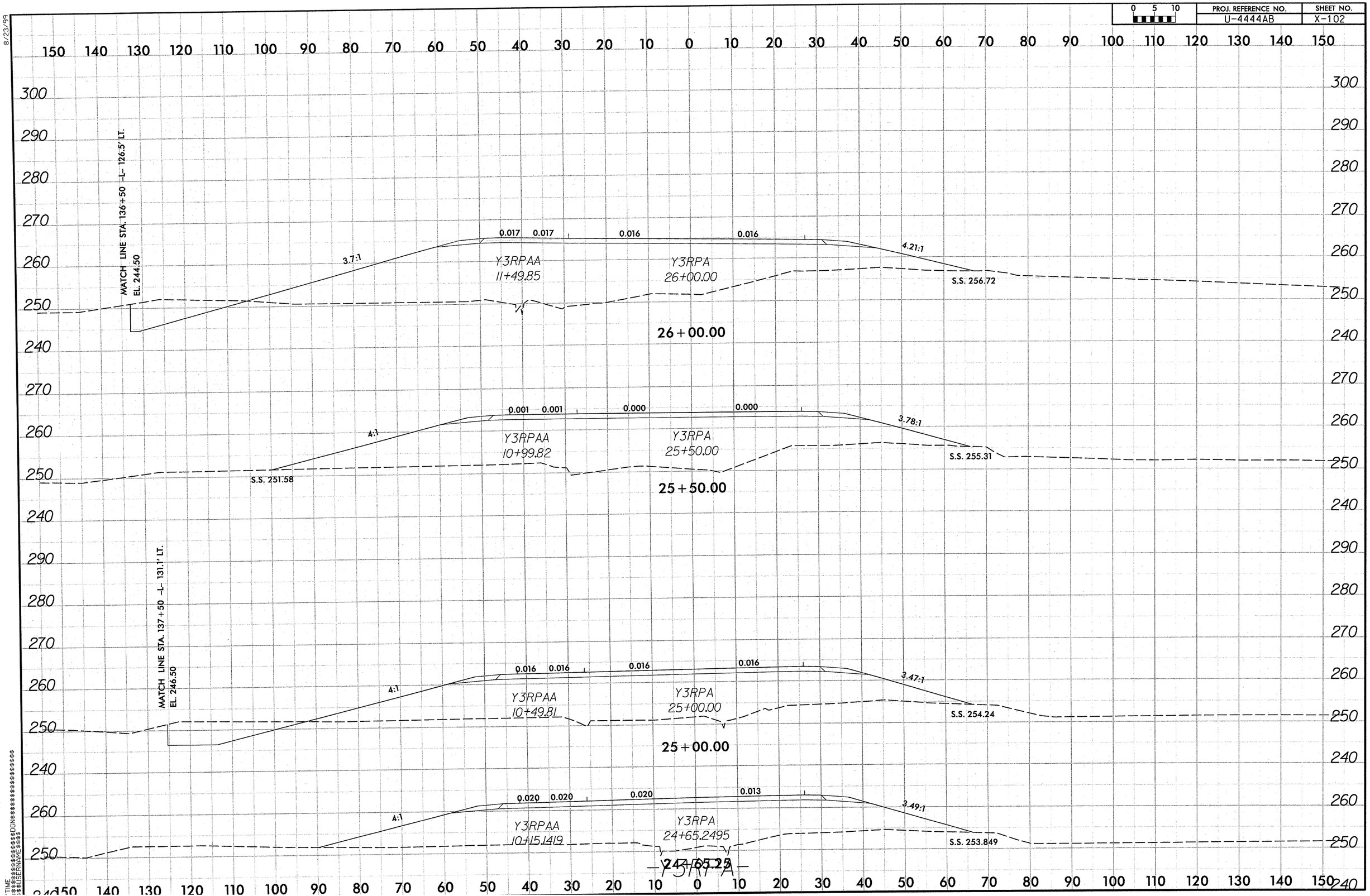
0 5 10
PROJ. REFERENCE NO.
U-4444AB
SHEET NO.
X-100
MATCH LINE STA. 139+50 -L- 133.3' LT.
EL. 251.50
6:1
0.020
0.020
0.020
5.19:1
S.S. 256.981
3:1
254.00
Y3RPA
23+00.00
23+00.00
MATCH LINE STA. 140+00 -L- 132.7' LT.
EL. 253.50
6:1
0.020
0.020
0.020
6:1
S.S. 259.210
3:1
257.00
Y3RPA
22+50.00
22+50.00
MATCH LINE STA. 140+44 -L- 132.0' LT.
EL. 255.50
6:1
0.020
0.020
0.020
6:1
S.S. 261.531
3:1
260.00
Y3RPA
22+00.00
22+00.00
-Y3RPA-

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-101



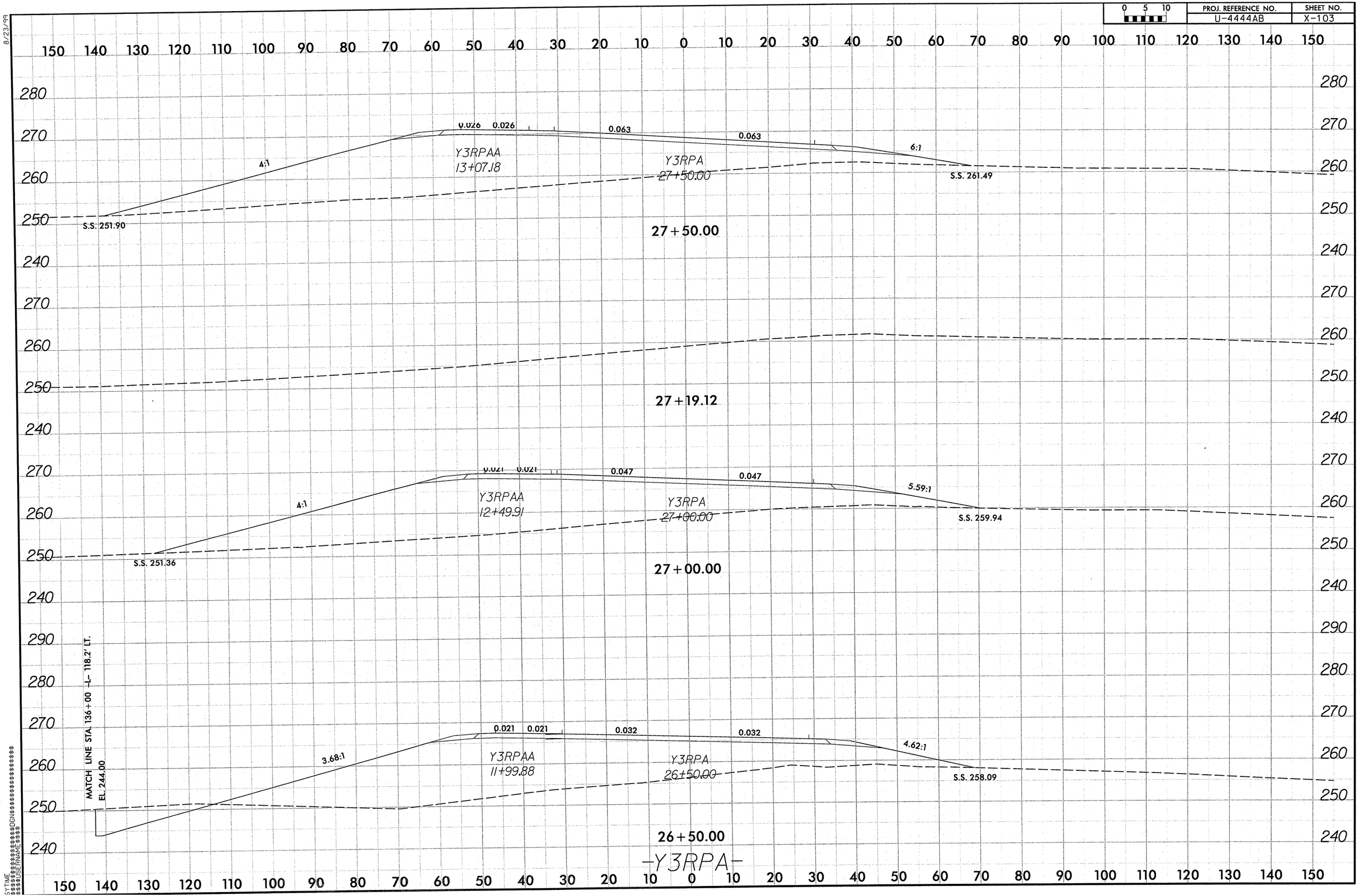
8/23/99

PROJ. REFERENCE NO.	SHEET NO.
U-4444AB	X-102



8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AB	X-103



8/23/99

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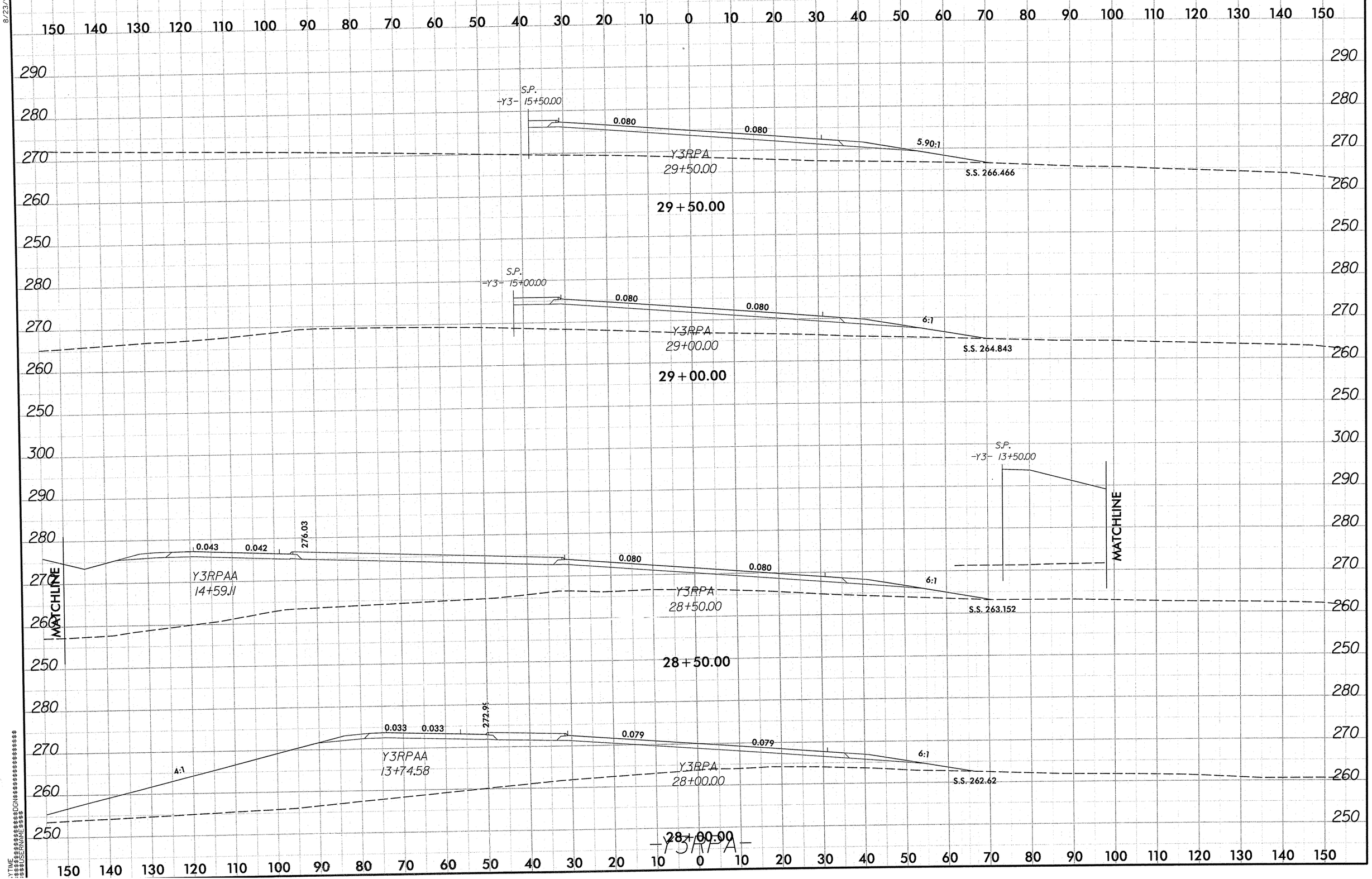
PROJ. REFERENCE NO.	SHEET NO.
U-4444AB	X-104



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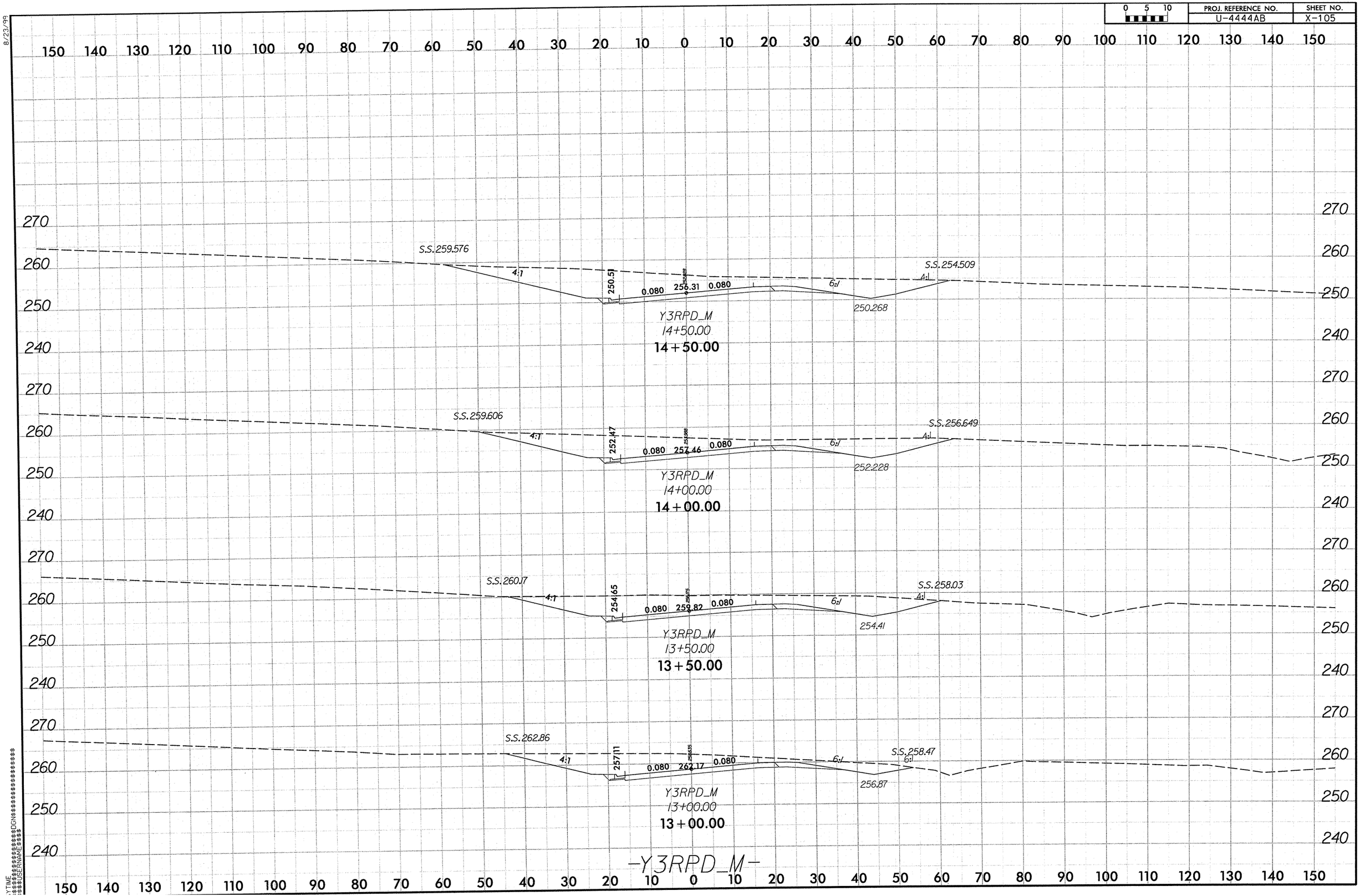
	U-4444AB	X-105



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	U-4444AB	X-106

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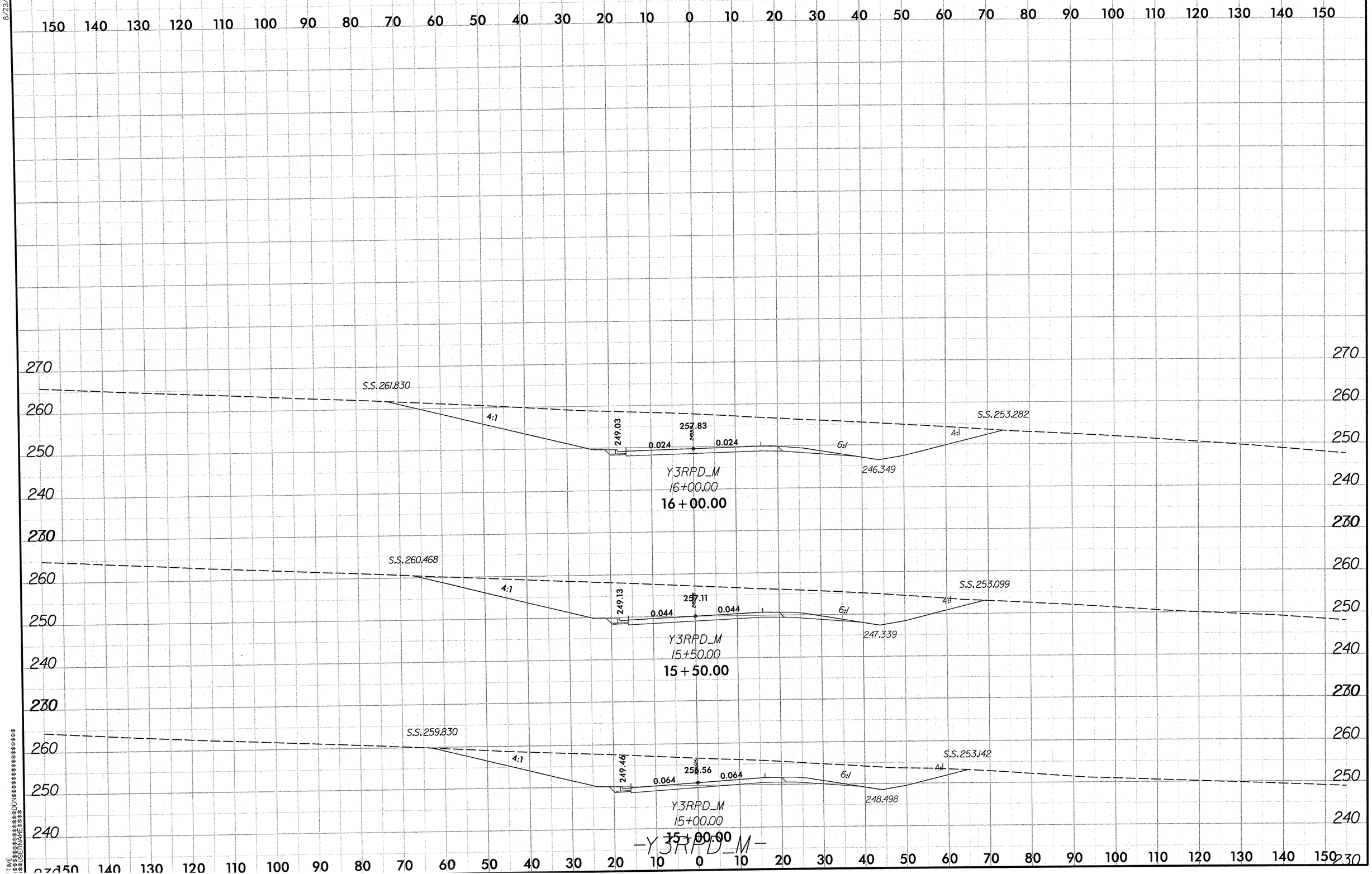

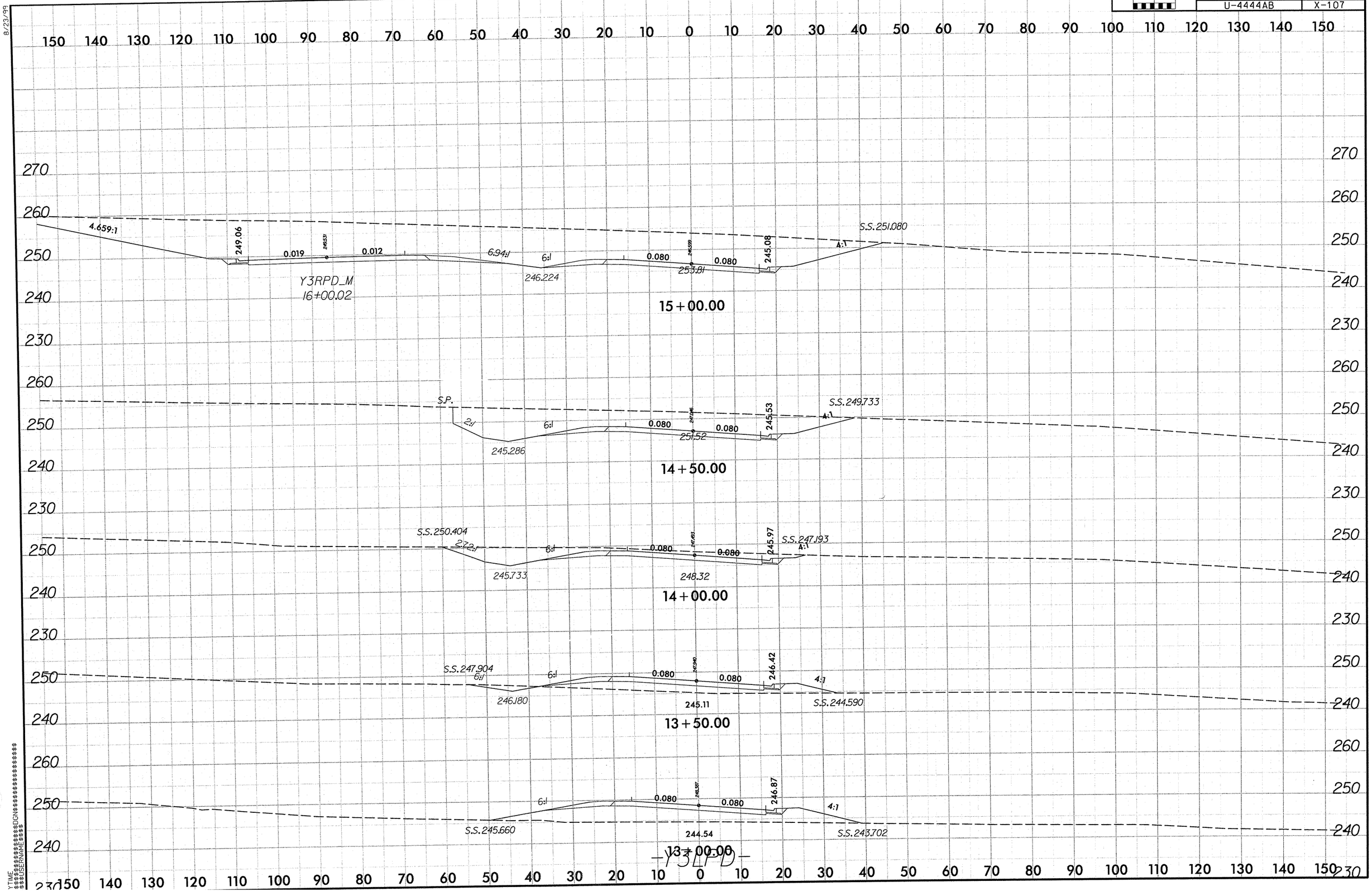

PROJ. REFERENCE NO.
U-4444AB
SHEET NO.
X-107
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4:1
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Y3RPD_M
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246.224
253.81
15+00.00
S.P.
2:1
6:1
0.080
0.080
245.53
4:1
S.S. 249.733
245.286
251.52
14+50.00
S.S. 250.404
2.72:1
6:1
0.080
0.080
245.97
4:1
S.S. 247.193
245.733
248.32
14+00.00
S.S. 247.904
6:1
6:1
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0.080
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4:1
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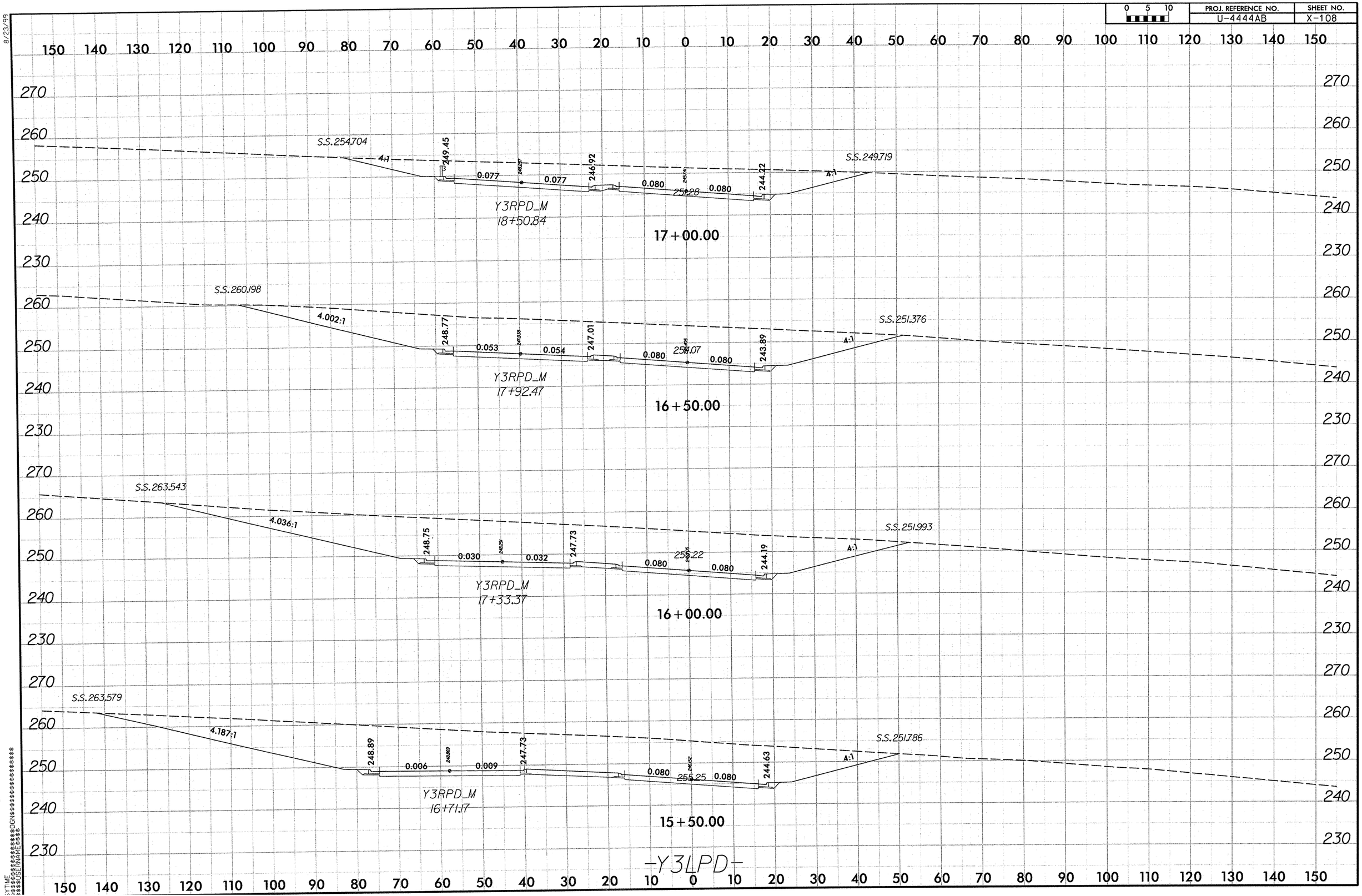
PROJ. REFERENCE NO.	SHEET NO.
U-4444AB	X-108



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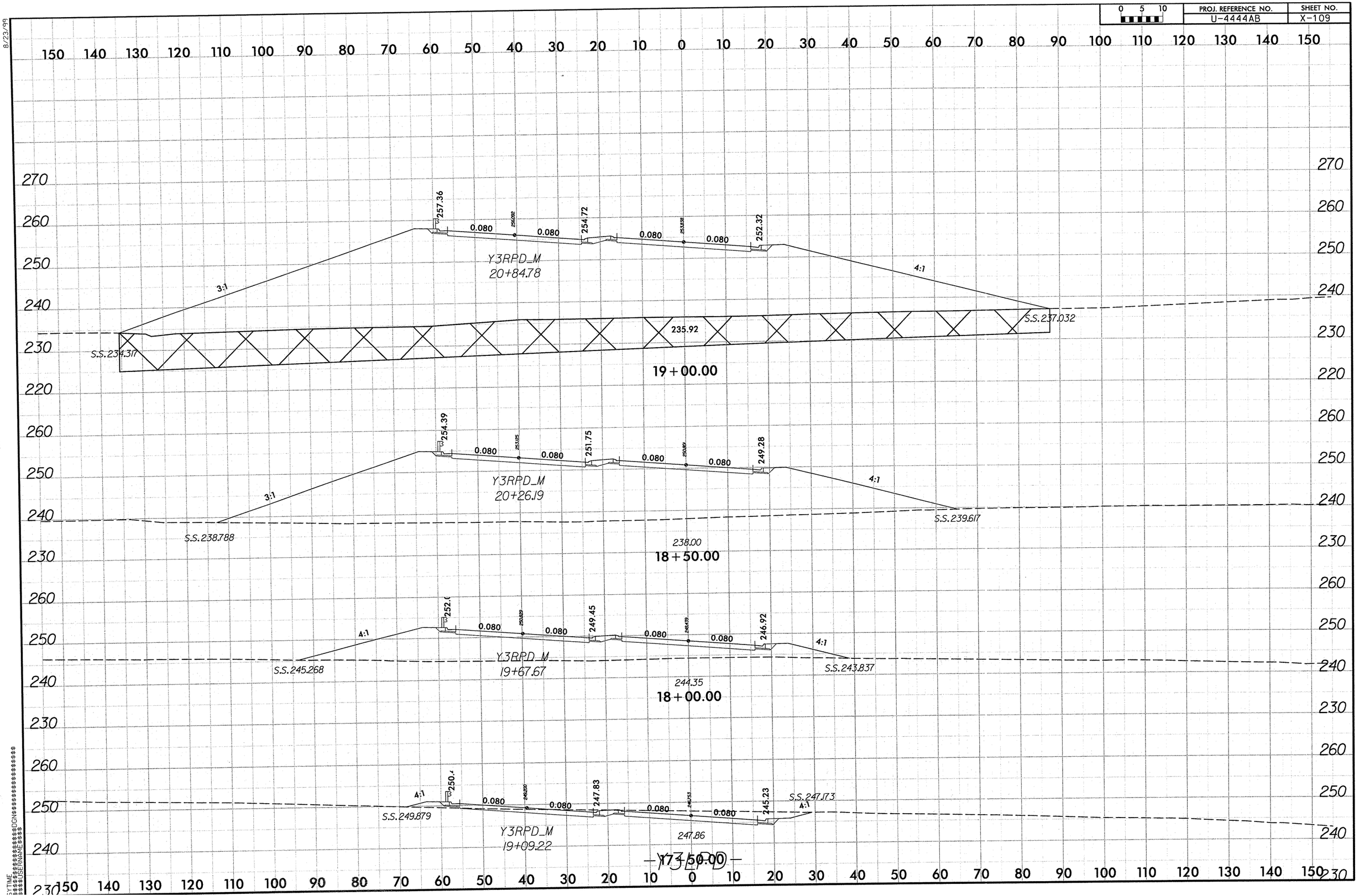

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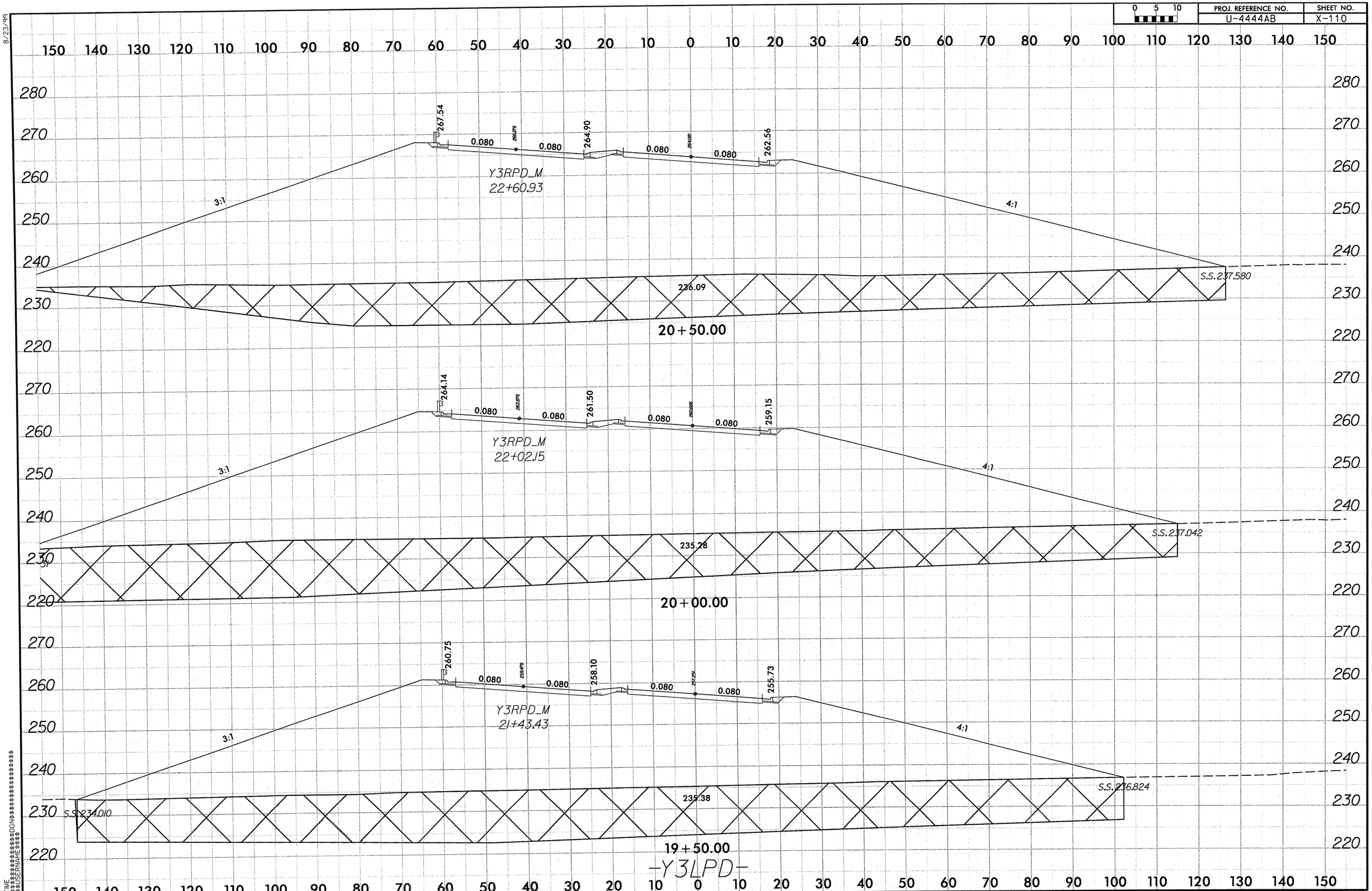

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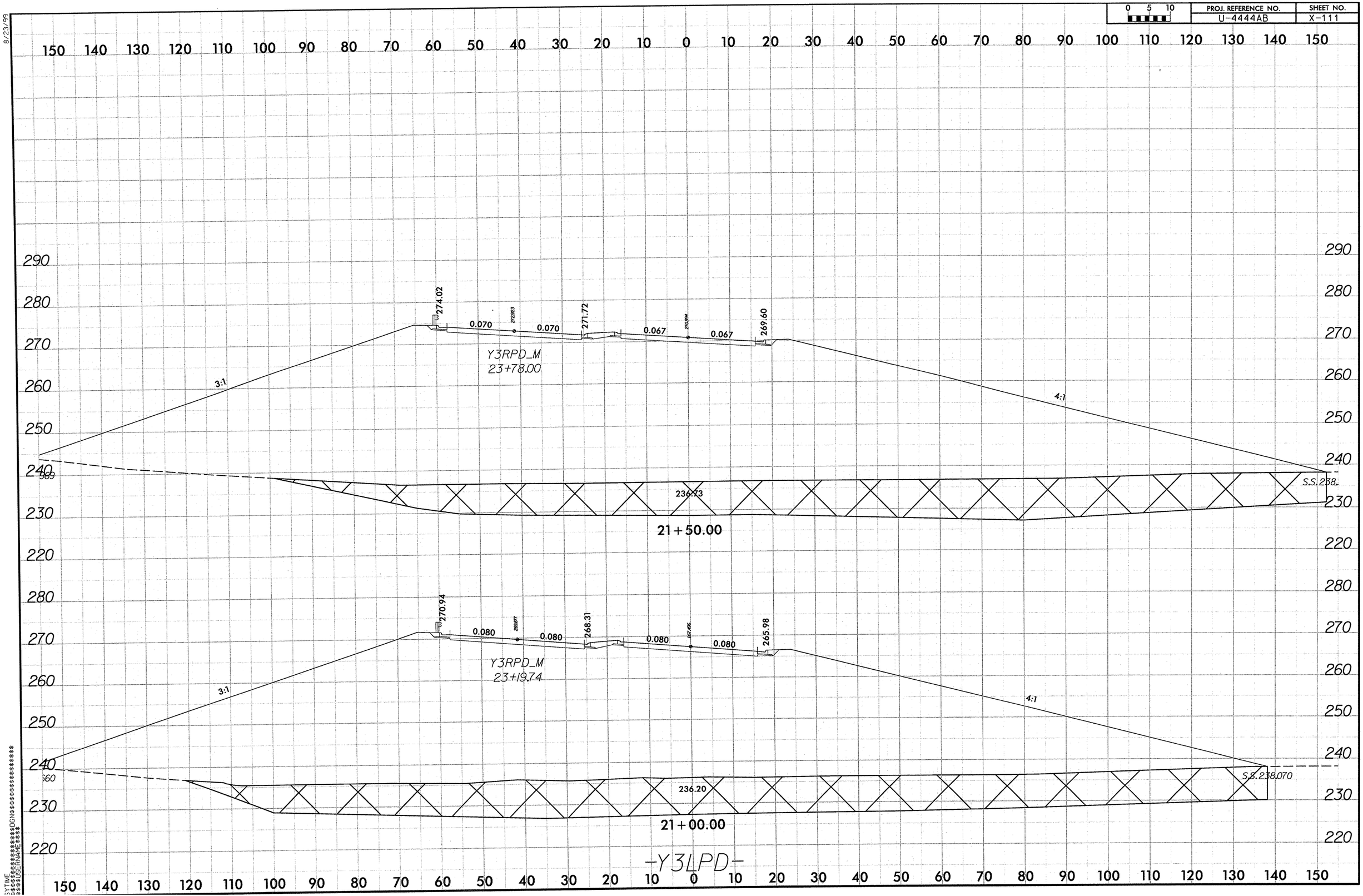

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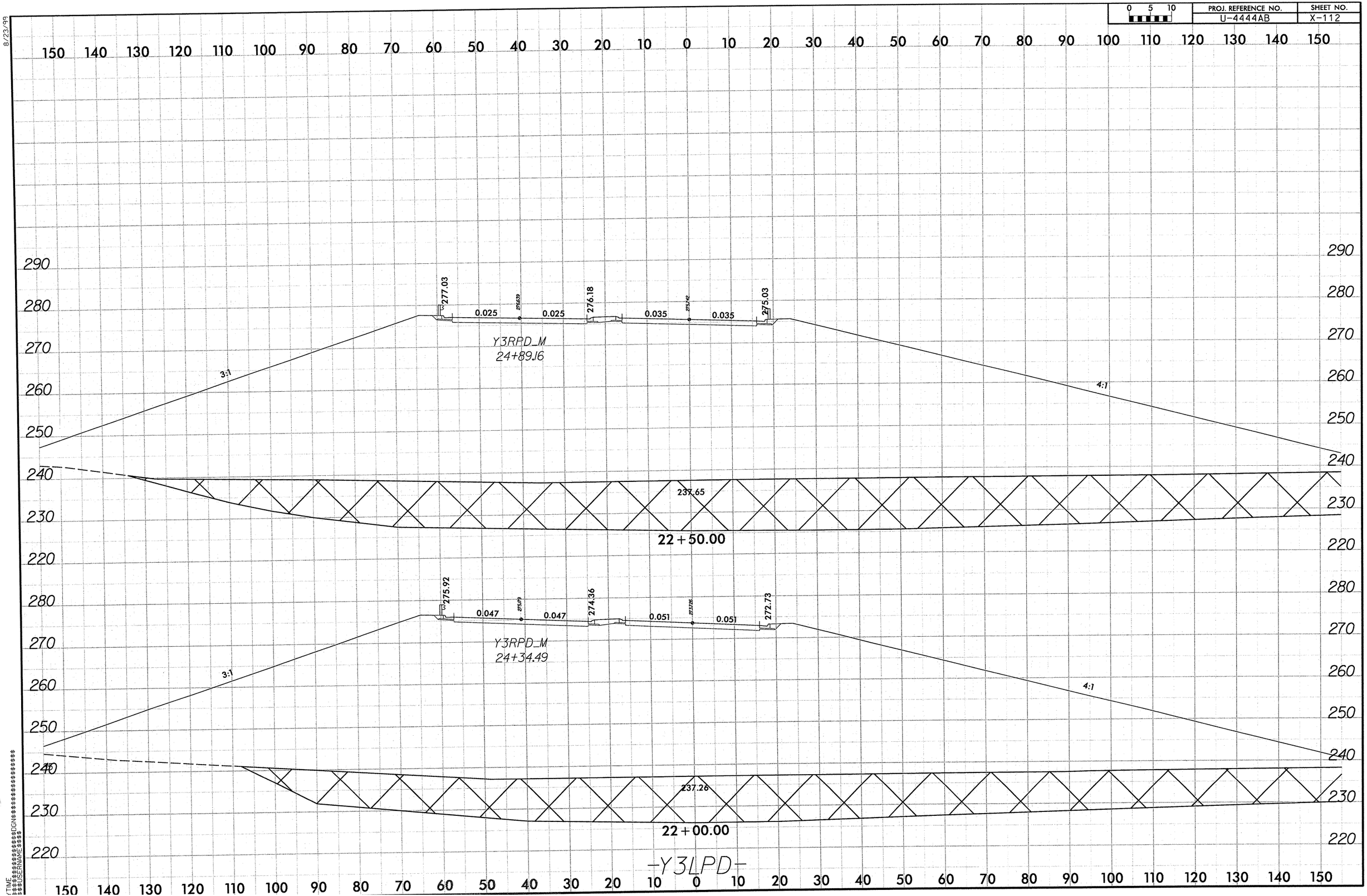
U-4444AB	X-112



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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
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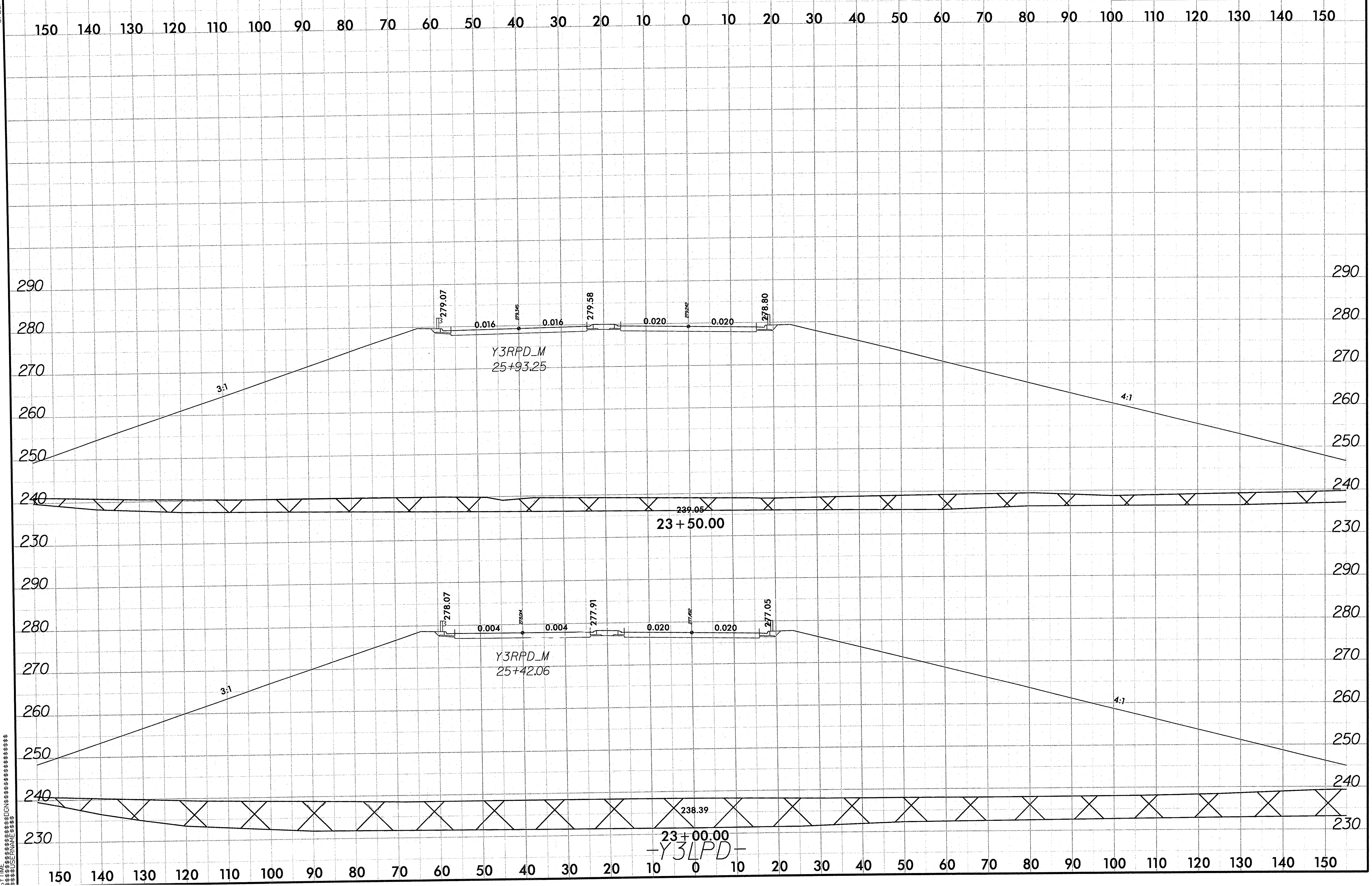

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PROJ. REFERENCE NO.	SHEET NO.
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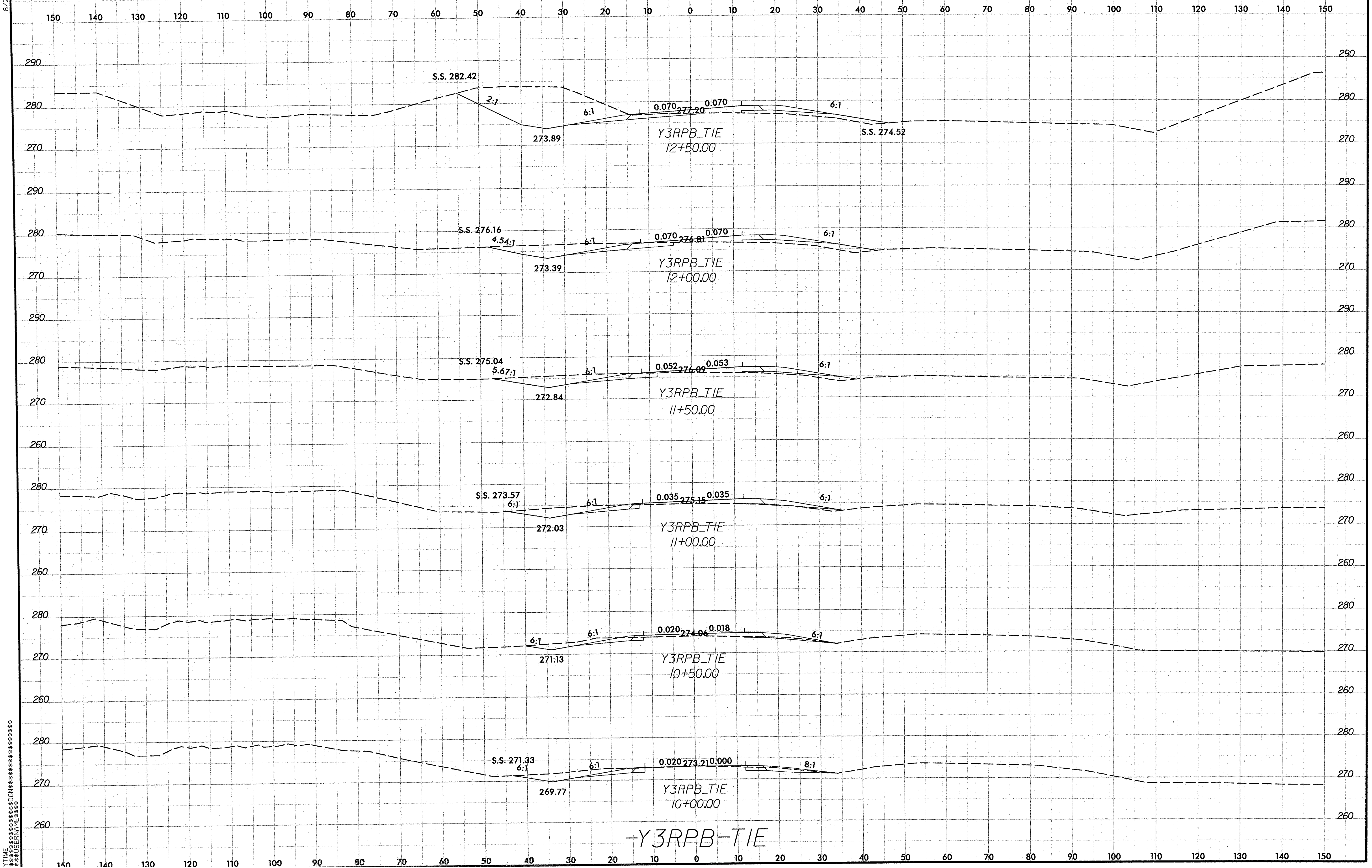

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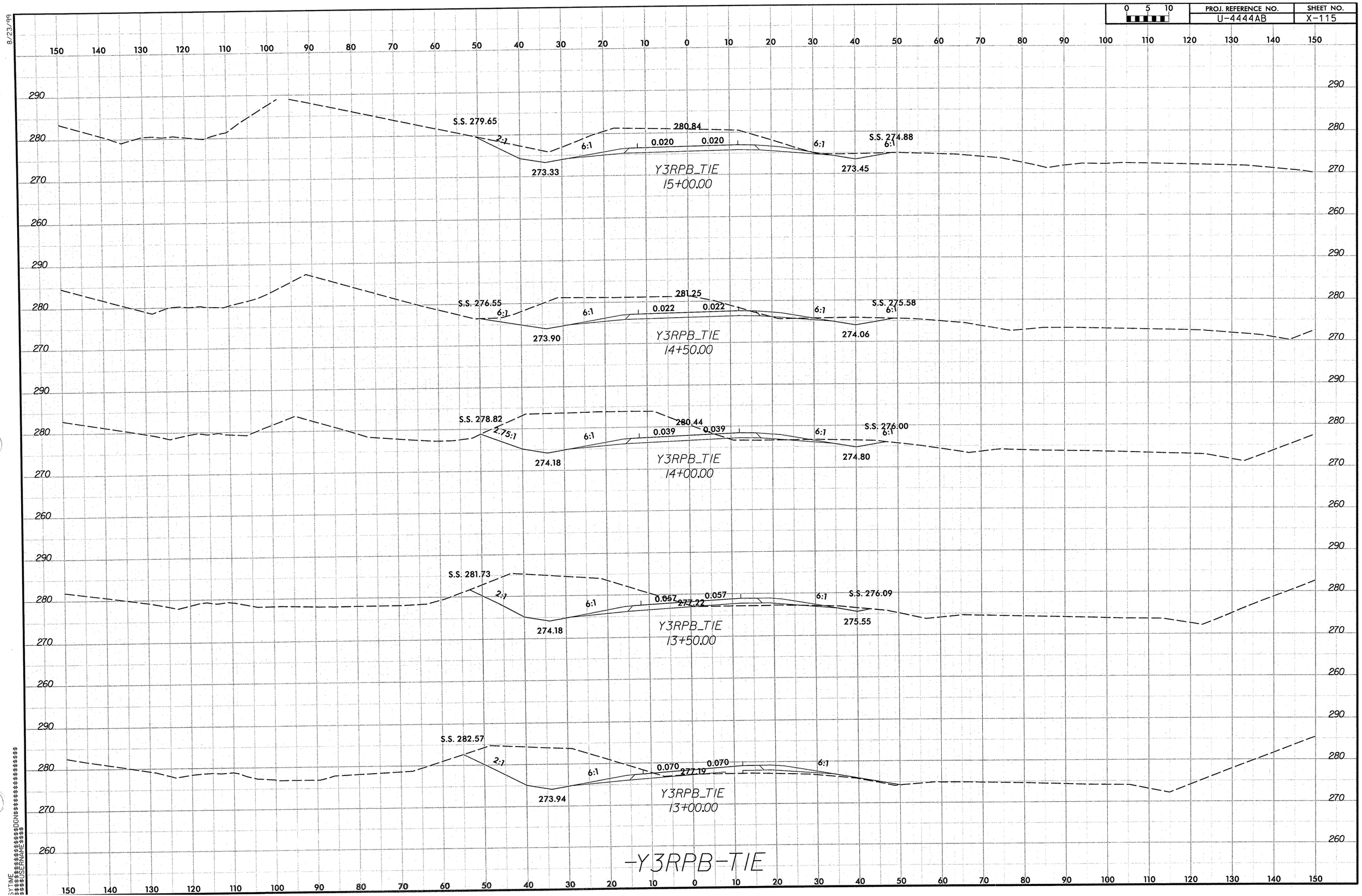

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