PROJ. REFERENCE NO.	SHEET NO.
39417	X-1A

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+50.0000	0	0
11+00.0000	13	10
11+41.5621	6	39
11+50.0000	1	10
12+00.0000	5	30
12+50.0000	6	18
13+00.0000	6	21
13+50.0001	6	21
14+00.0000	6	19
14+49.9999	7	23
14+99.9999	6	35
15+50.0000	3	58
16+00.0000	1	70
16+50.0001	4	72
17+00.0001	5	78
17+50.0000	5	77
18+00.0000	6	74
18+50.0000	5	79
19+00.0000	5	77
19+50.0000	3	76
20+00.0000	3	77
20+50.0000	4	70
20+73.0000	3	30
21+00.0000	4	28
21+50.0000	8	27
22+00.0000	6	30
22+50.0000	3	49
22+68.1784	1	16
22+99.9999	3	23
23+50.0000	5	71
24+00.0000	2	108
24+49.9999	5	103
24+99.9999	6	80

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
24+99.9999	0	0
25+50.0001	4	89
26+00.0000	5	108
26+50.0001	5	62
27+00.0000	4	59
27+50.0000	3	94
27+86.3223	4	83
27+92.8925	1	21
27+99.9999	10	18
28+50.0000	165	80
29+00.0000	205	75
29+50.0000	203	70
30+00.0000	207	68
30+50.0000	195	46
31+00.0000	192	26
31+50.0000	213	28

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
31+99.9999	199	50
32+50.0000	172	73
33+00.0000	145	76
33+50.0000	122	79
34+00.0000	109	76
34+50.0000	88	72
35+00.0000	114	41
35+50.0000	121	36
35+99.9999	90	62
36+50.0000	84	60
37+00.0000	81	58
37+50.0000	83	50
38+00.0000	92	38
38+50.0000	96	36
39+00.0000	89	41
39+50.0000	86	40
39+99.9999	88	32
40+50.0000	73	38
41+00.0000	51	54

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
41+00.0000	0	0
41+50.0000	46	53
42+00.0001	30	56
42+50.0000	15	57
43+00.0000	17	39
43+50.0000	20	37
43+99.9999	19	33
44+50.0000	19	24
45+00.0000	24	20
45+50.0000	29	21
46+00.0001	33	24
46+50.0000	40	25
47+00.0000	52	26
47+50.0000	69	16
47+99.9999	64	22
48+50.0000	58	31
49+00.0000	73	29
49+50.0000	75	35
50+00.0001	70	48
50+50.0001	73	61
51+00.0001	80	71
51+50.0000	85	74
51+99.9999	96	65
52+50.0000	114	51
53+00.0000	139	43
53+49.9999	207	29
54+00.0000	167	16
54+49.9999	58	19
54+57.0000	5	10
54+99.9999	25	78

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
55+49.9999	28	66
55+99.9999	31	57
56+50.0001	27	65
56+99.9999	24	74
57+50.0000	50	65
57+50.0000	0	0
58+00.0000	66	74
58+50.0000	54	74
59+00.0001	51	66
59+50.0000	64	60
60+00.0000	55	67
60+50.0000	43	66
61+00.0001	50	57
61+50.0001	55	54
61+99.9999	82	26
62+50.0000	81	22
63+00.0001	77	42
63+50.0001	112	40
63+99.9999	153	40
64+50.0000	207	49
64+74.0206	76	36
65+00.0001	67	32
65+50.0001	166	42
65+99.9999	145	56
66+44.8351	162	49
66+50.0000	21	5
67+00.0001	149	52
67+49.9999	117	50
67+99.9999	114	46
68+50.0000	112	42
69+00.0001	112	42
69+49.9999	111	42
69+99.9999	96	44
70+50.0000	85	44
71+00.0001	83	39
71+49.9999	74	39
71+99.9999	57	41
72+50.0000	58	37
73+00.0001	76	31
73+49.9999	77	32
74+00.0000	66	33
74+50.0000	62	32
75+00.0001	62	25
75+49.9999	62	15
76+00.0000	48	27
76+50.0000	33	43
77+00.0001	38	46
77+49.9999	53	37
78+00.0000	64	40

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
78+50.0000	52	64
78+60.0000	5	25
79+00.0001	26	92
79+49.9999	52	53
80+00.0000	39	45
80+50.0000	36	39
81+00.0001	44	37
81+49.9999	43	36
82+00.0000	38	34
82+50.0000	33	31
83+00.0001	27	25
83+49.9999	18	27
83+95.6900	12	29

Station Y1	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
11+00.0000	0	0
11+50.0000	108	18
12+00.0000	127	115
12+50.0000	156	316

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

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	39417	X - 1

$$$$$SYSTIME$$$$$
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$$$$USERNAME$$$$

PROJ. REFERENCE NO.	SHEET NO.
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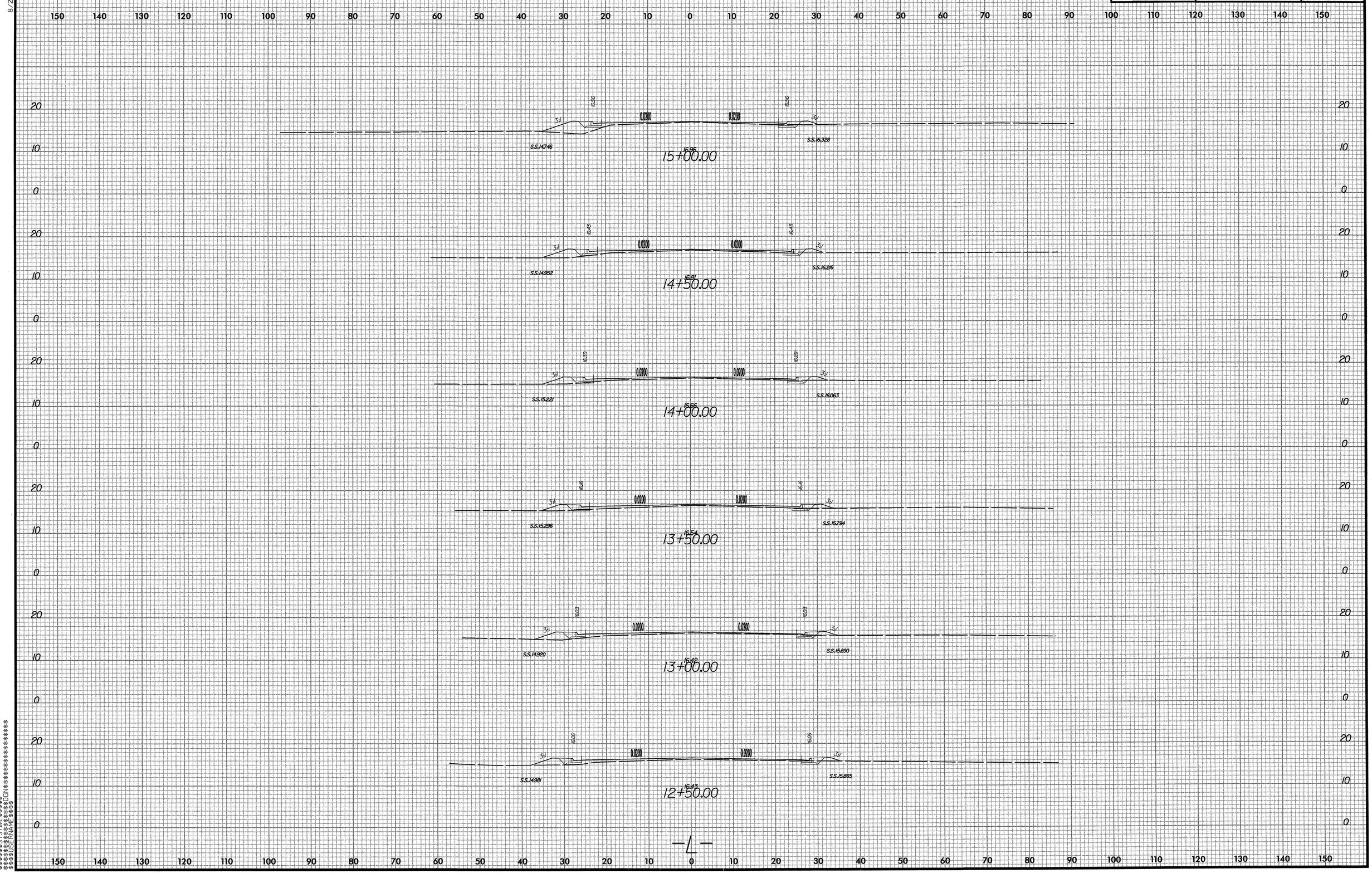

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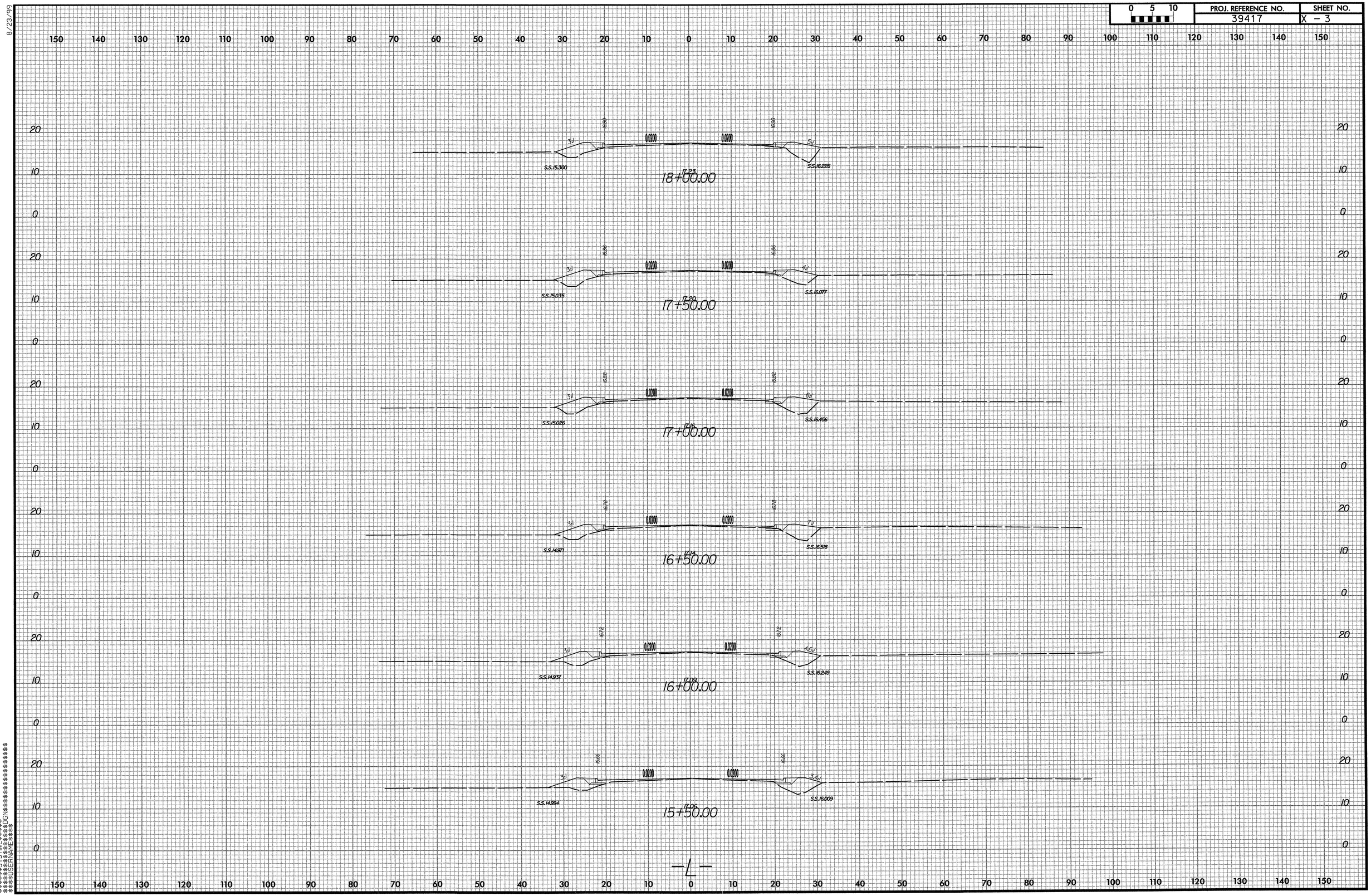

$$$$$$$$SYSTIME$$$$$$$$
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$$$$$$$$USERNAME$$$$$$$$

PROJ. REFERENCE NO.	SHEET NO.
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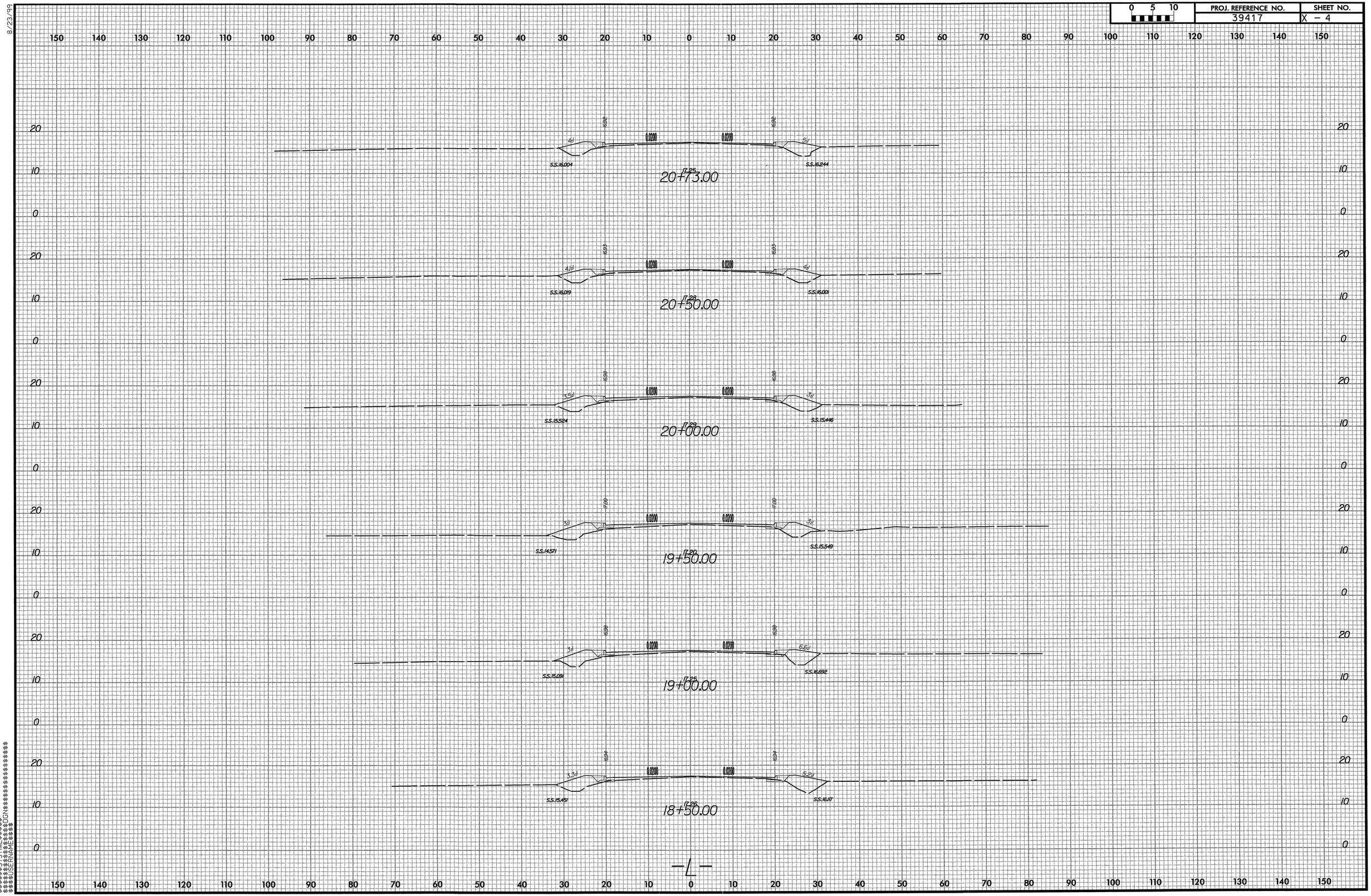

8/23/99

$$$$$$SYSTIME$$$$$
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$$$$$USERNAME$$$$$

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	39417	X - 5

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

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	39417	X - 6

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
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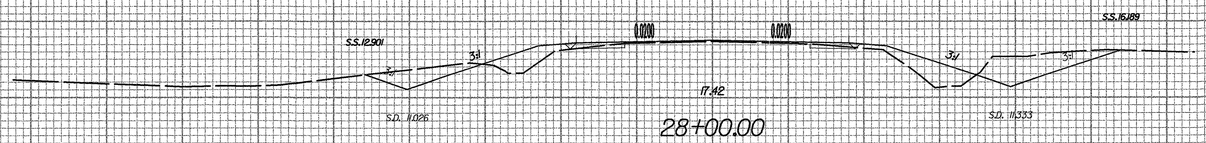
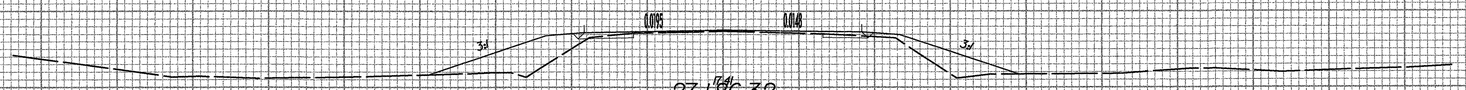
20 10 0

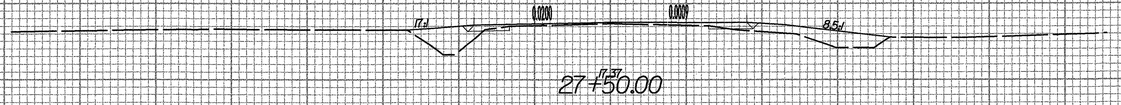


28+00.00

27+92.89



27+86.32



27+50.00

27+00.00

26+50.00

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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

$$$$$$$$$$SYSTIME$$$$$$$$$$
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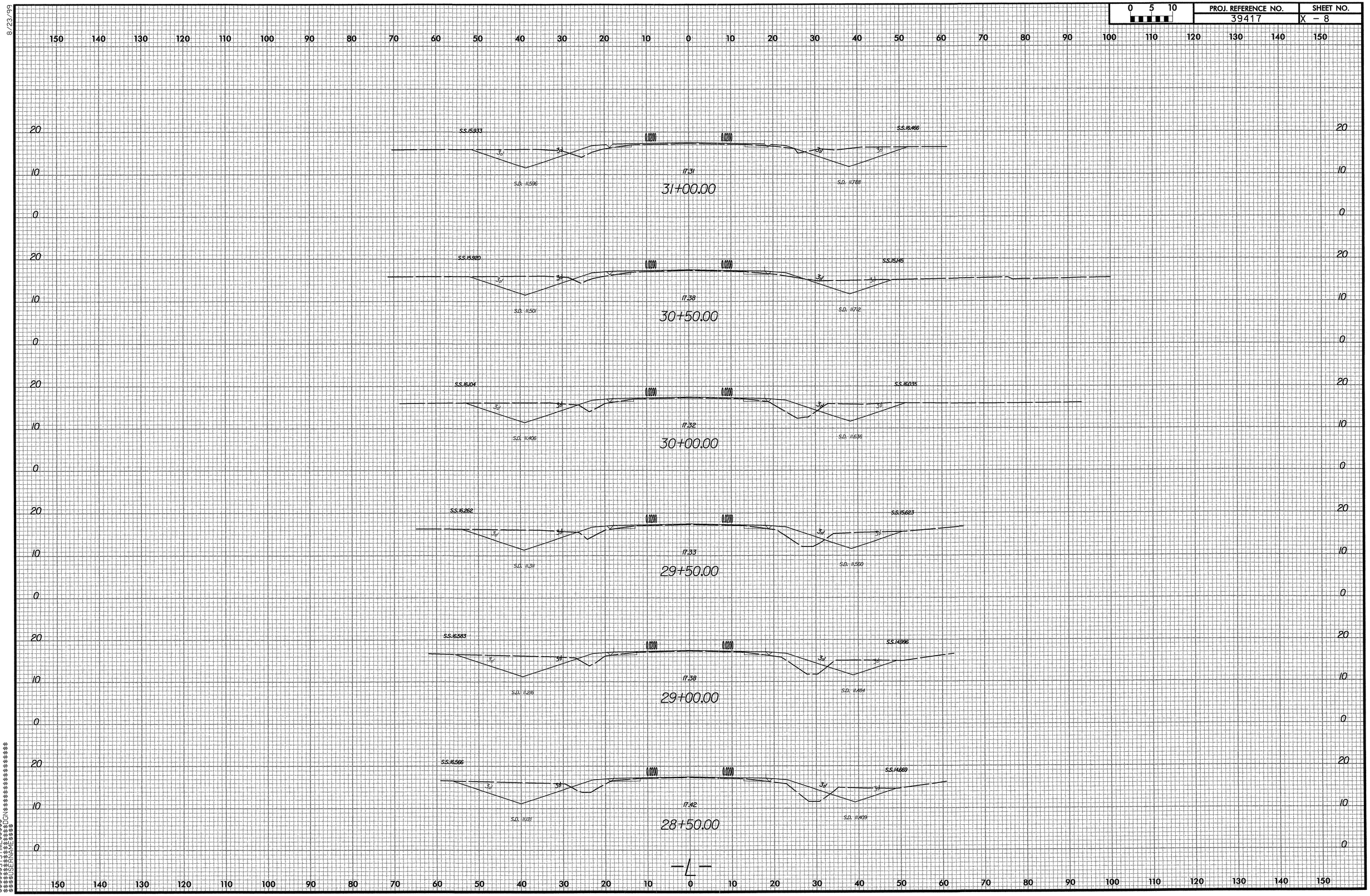
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	39417	X – 8



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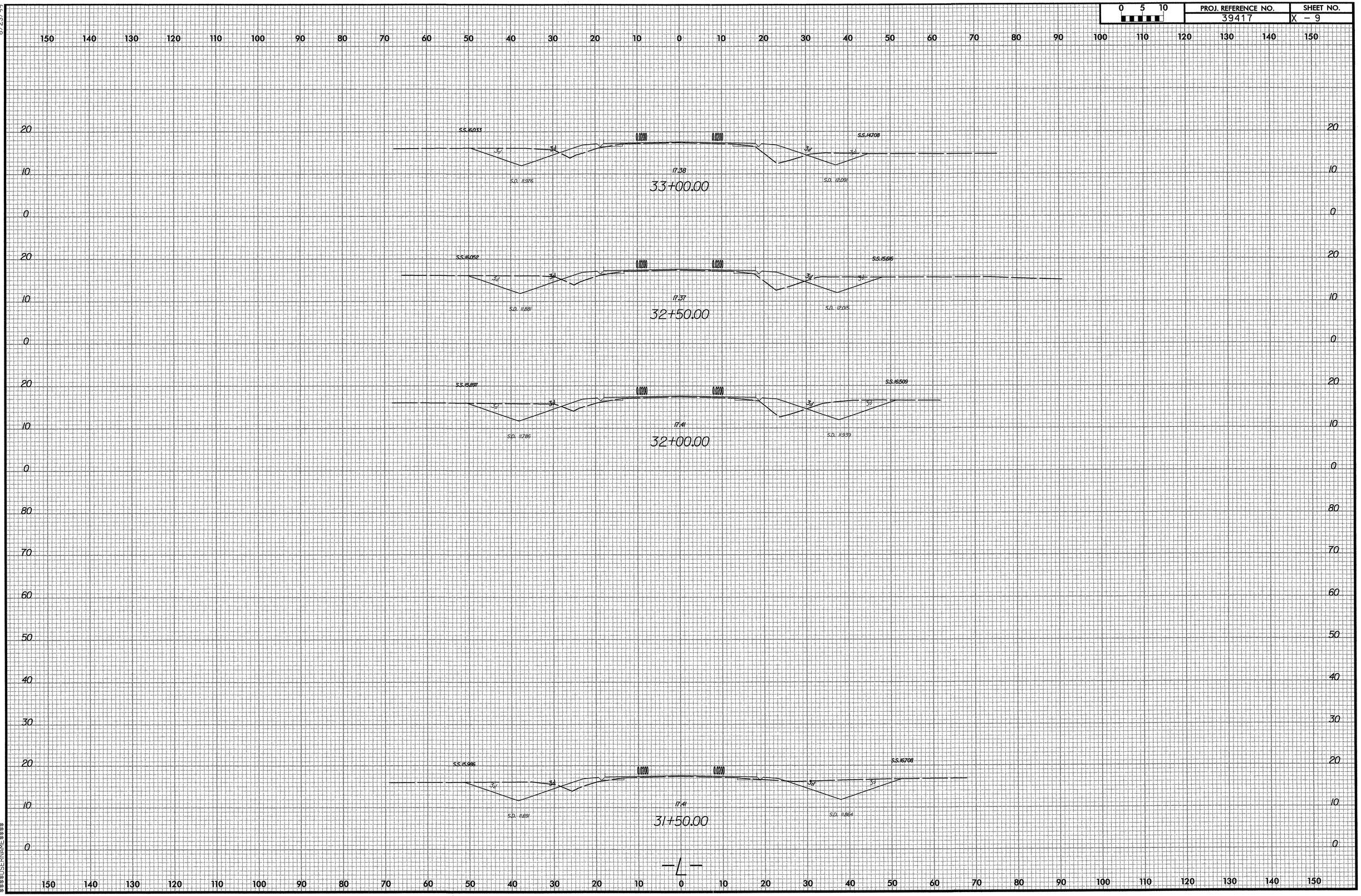

$$$$SYSTIME$$$$
$$$$DGN$$$$
$$$$CELLNAME$$$$
$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	39417	X -10

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20 10 0

S.S.14785 — 3H — 3H — 0.020 — 0.020 — 3V — 3H — S.S.16120

S.D. 12.546 — 17.15 — 36+00.00 — S.D. 12.546

S.S.14904 — 3H — 3H — 0.020 — 0.020 — 3V — 3H — S.S.15900

S.D. 12.451 — 17.17 — 35+50.00 — S.D. 12.470

S.S.15.292 — 3H — 3H — 0.020 — 0.020 — 3V — 3H — S.S.16514

S.D. 12.356 — 17.18 — 35+00.00 — S.D. 12.394

S.S.15.012 — 3H — 3H — 0.020 — 0.020 — 3V — 3H — S.S.15771

S.D. 12.261 — 17.20 — 34+50.00 — S.D. 12.319

S.S.15.541 — 3H — 3H — 0.020 — 0.020 — 3V — 3H — S.S.15.101

S.D. 12.166 — 17.28 — 34+00.00 — S.D. 12.243

S.S.15.825 — 3H — 3H — 0.020 — 0.020 — 3V — 3H — S.S.15129

S.D. 12.071 — 17.37 — 33+50.00 — S.D. 12.167

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

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	39417	X – 11

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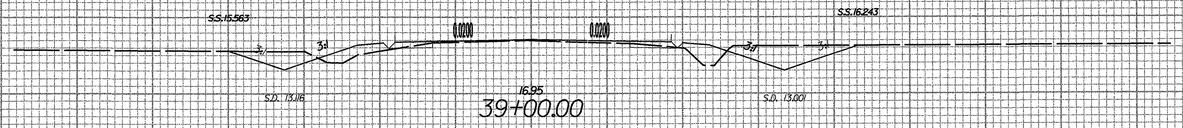
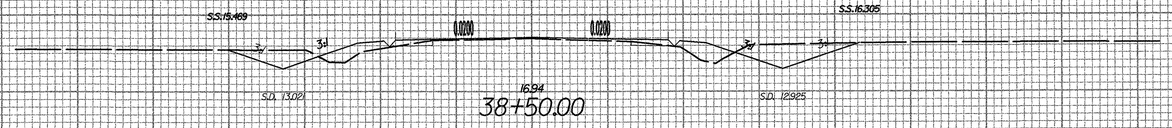
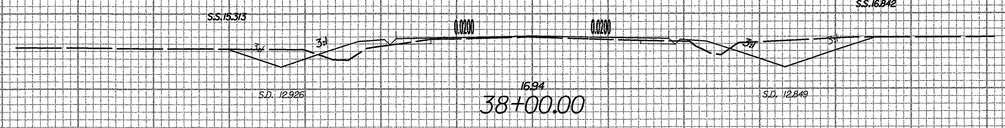
20 10 0 20 10 0 20 10 0 20 10 0 20 10 0



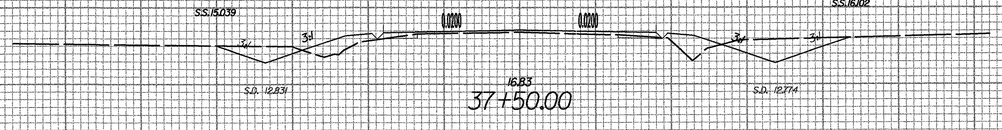
16.95
39+00.00



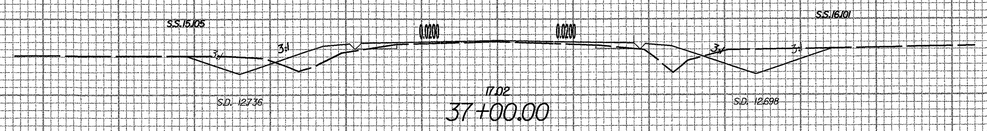
16.94
38+50.00



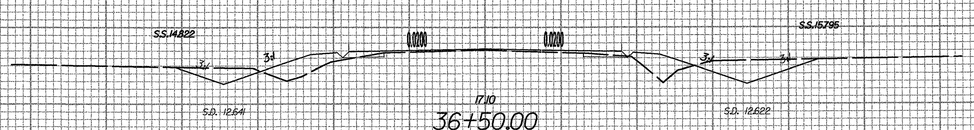
16.94
38+00.00



16.83
37+50.00



17.02
37+00.00



17.10
36+50.00

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$$$$$$$$SYSTIME$$$$$$$$
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8/23/99

PROJ. REFERENCE NO.	SHEET NO.
39417	X -12

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

PROJ. REFERENCE NO.	SHEET NO.
39417	X -13

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	39417	X -14

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

20 10 0

S.S.15382 — 3:1 — 3:1 — 0.0220 — 0.0220 — 3:1 — 3:1 — S.S.15710

S.D. 12809 — 16.87 — 48+00.00 — S.D. 14106

S.S.16021 — 3:1 — 3:1 — 0.0220 — 0.0220 — 3:1 — 3:1 — S.S.15899

S.D. 12946 — 16.91 — 47+50.00 — S.D. 14216

S.S.15935 — 3:1 — 3:1 — 0.0220 — 0.0220 — 3:1 — 3:1 — S.S.15617

S.D. 13083 — 16.92 — 47+00.00 — S.D. 14214

S.S.15880 — 3:1 — 3:1 — 0.0220 — 0.0220

S.D. 13220 — 16.87 — 46+50.00

S.S.15706 — 3:1 — 3:1 — 0.0220 — 0.0220 — DRIVEWAY 0.06

S.D. 13351 — 16.83 — 46+00.00

S.S.15686 — 3:1 — 3:1 — 0.0220 — 0.0220

S.D. 13493 — 16.80 — 45+50.00

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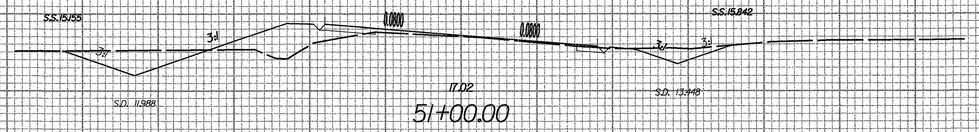
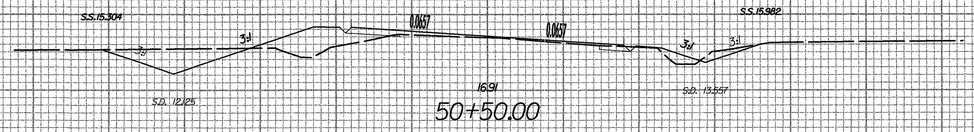
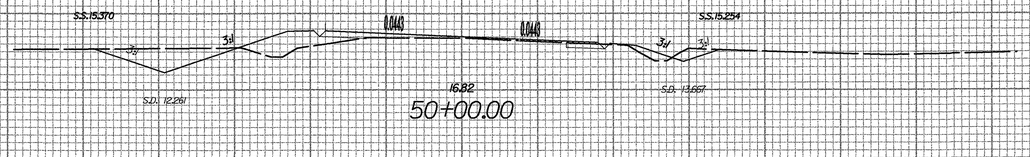
$$$$$$$$$$SYSTIME$$$$$$$$$$DGN$$$$$$$$$$USERNAME$$$$$$$$$$

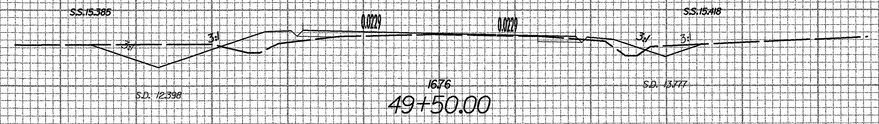
8/23/99

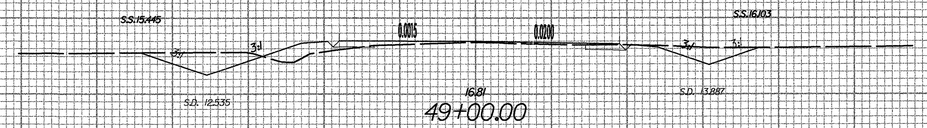
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	39417	X -15

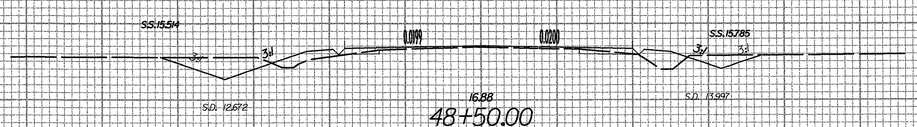






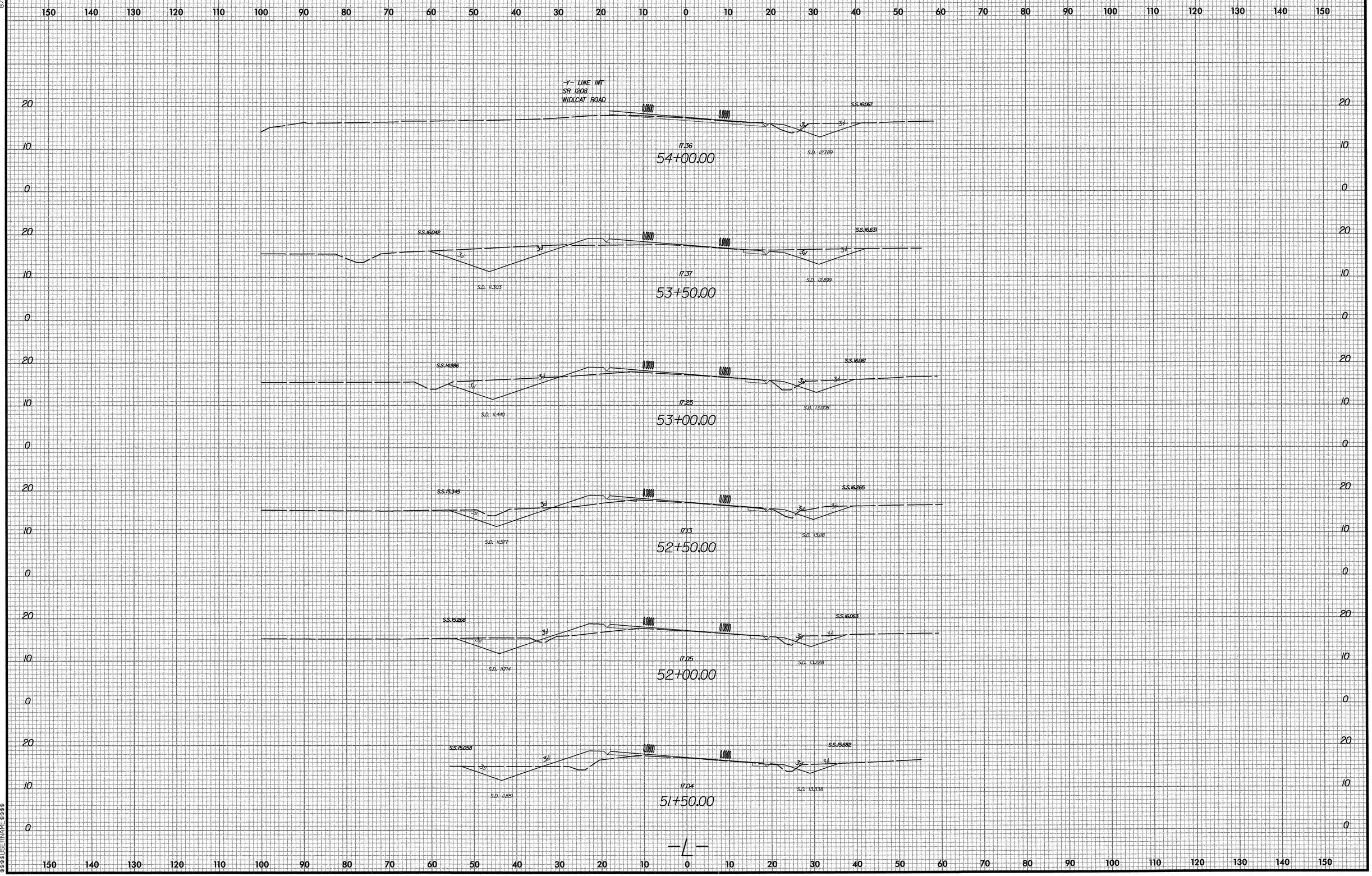






$$$$SYSTIME$$$$
$$$$DGN$$$$
$$$$CELLNAME$$$$

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	39417	X -16



8/23/99

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

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	39417	X -17

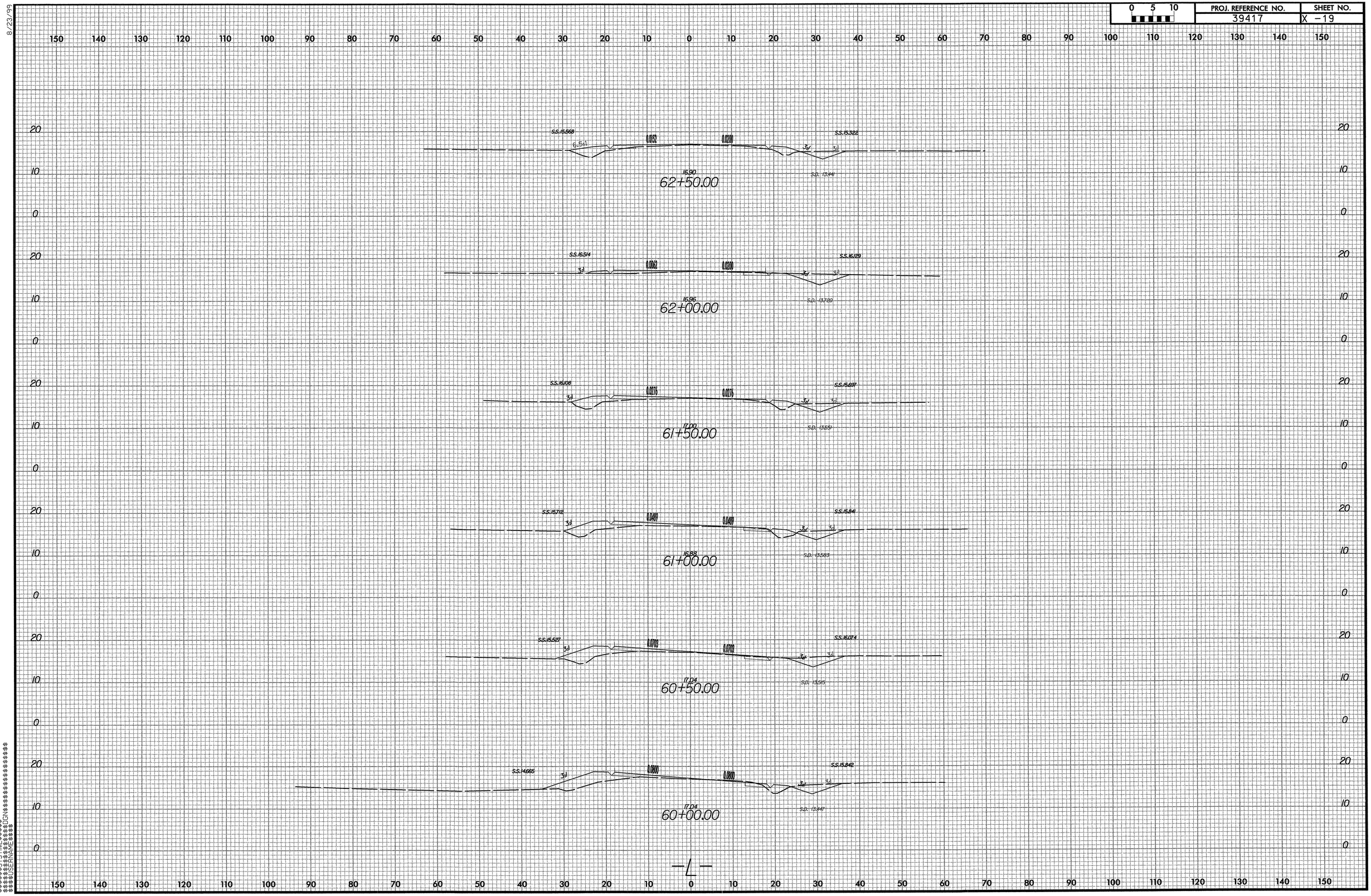
$$$$$SYSTIME$$$$
$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

8/23/99

PROJ. REFERENCE NO.	SHEET NO.
39417	X -18

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

PROJ. REFERENCE NO.	SHEET NO.
39417	X -19



8/23/99

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

8/23/99

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	39417	X -20

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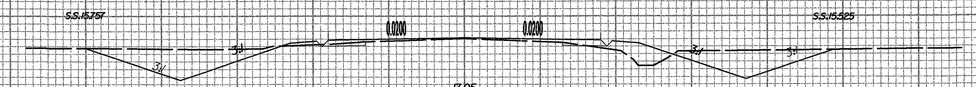
20 10 0 20 10 0 20 10 0 20 10 0 20 10 0 20 10 0

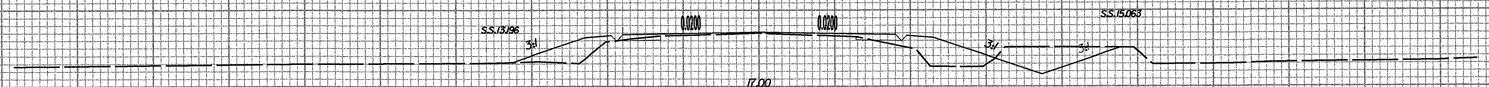


17.05

S.D. 11.567

S.D. 11.667

65+00.00



17.00

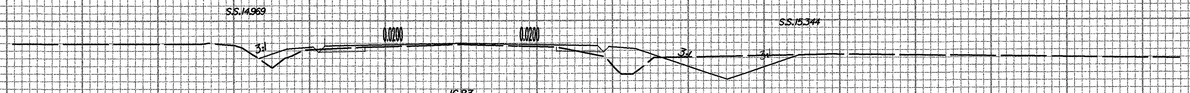
S.D. 11.574

64+74.02

16.94

S.D. 11.731

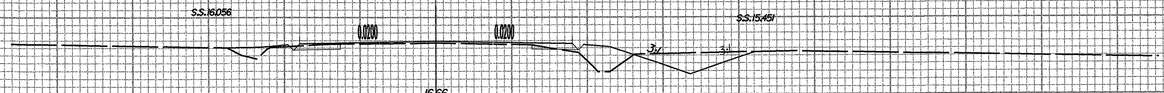
64+50.00



16.83

S.D. 12.158

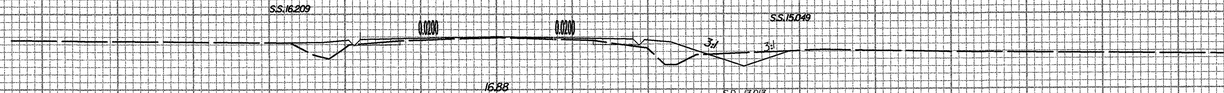
64+00.00



16.86

S.D. 12.586

63+50.00



16.88

S.D. 13.013

63+00.00

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$$$$SYSTIME$$$$
$$$$DGN$$$$
$$$$CELLNAME$$$$
$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	39417	X – 21

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

20 10 0 20 10 0

S.S.15.538 — S.S.16.467

0.020 0.020 3:1 3:1 3:1 3:1

S.D. 12.399 — 17.33 — S.D. 12.555

67+50.00

S.S.15.405 — S.S.16.295

0.020 0.020 3:1 3:1 3:1 3:1

S.D. 12.233 — 17.25 — S.D. 12.311

67+00.00

S.S.16.681 — S.S.16.055

0.020 0.020 3:1 3:1 3:1 3:1

S.D. 12.066 — 17.17 — S.D. 12.200

66+50.00

S.S.16.307 — S.S.16.903

0.020 0.020 3:1 3:1 3:1 3:1

S.D. 12.049 — 17.16 — S.D. 12.181

66+44.84

S.S.15.516 — S.S.15.594

0.020 0.020 3:1 3:1 3:1 3:1

S.D. 11.900 — 17.10 — S.D. 12.022

66+00.00

S.S.15.673 — S.S.15.573

0.020 0.020 3:1 3:1 3:1 3:1

S.D. 11.733 — 17.06 — S.D. 11.844

65+50.00

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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

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

PROJ. REFERENCE NO.	SHEET NO.
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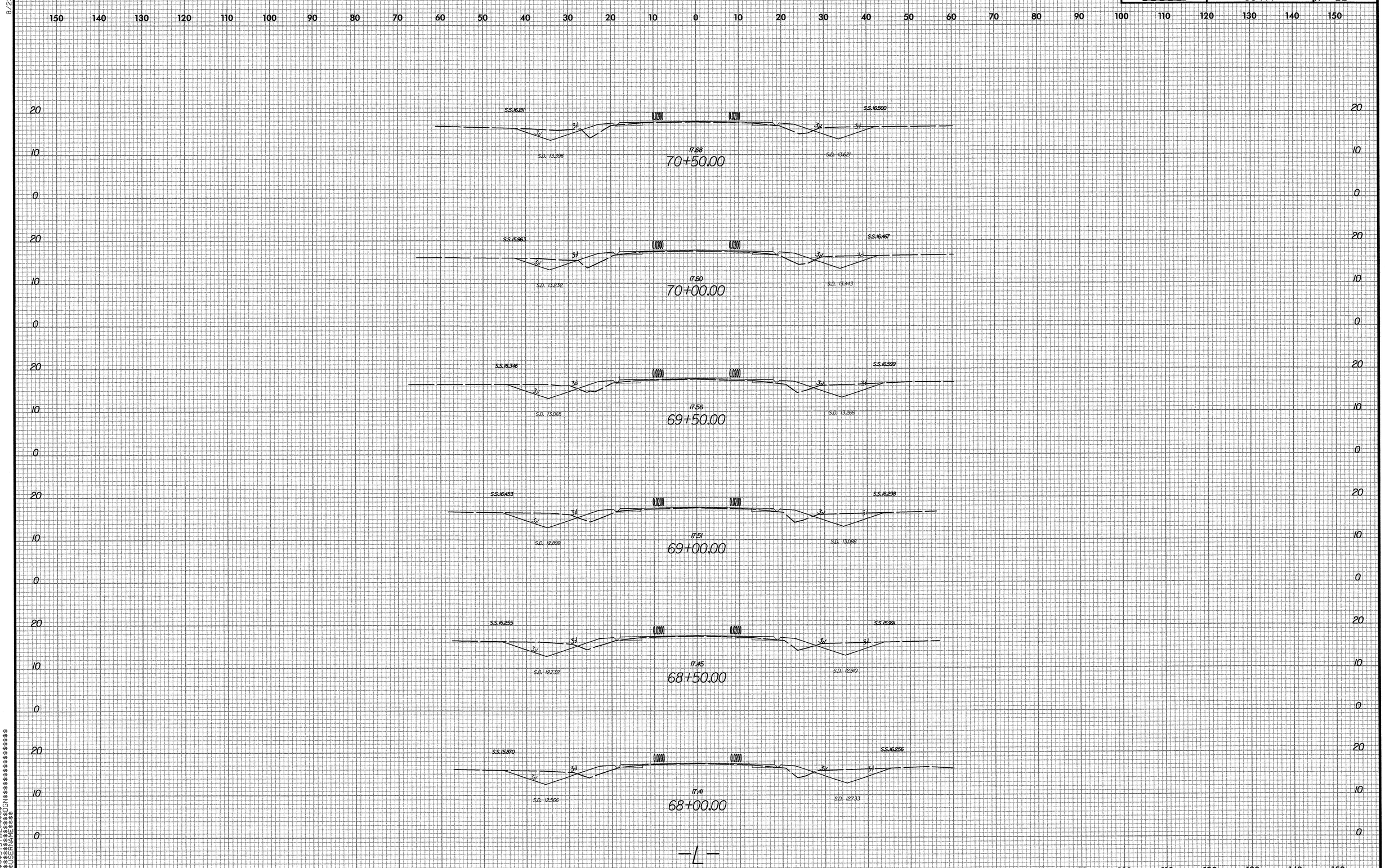

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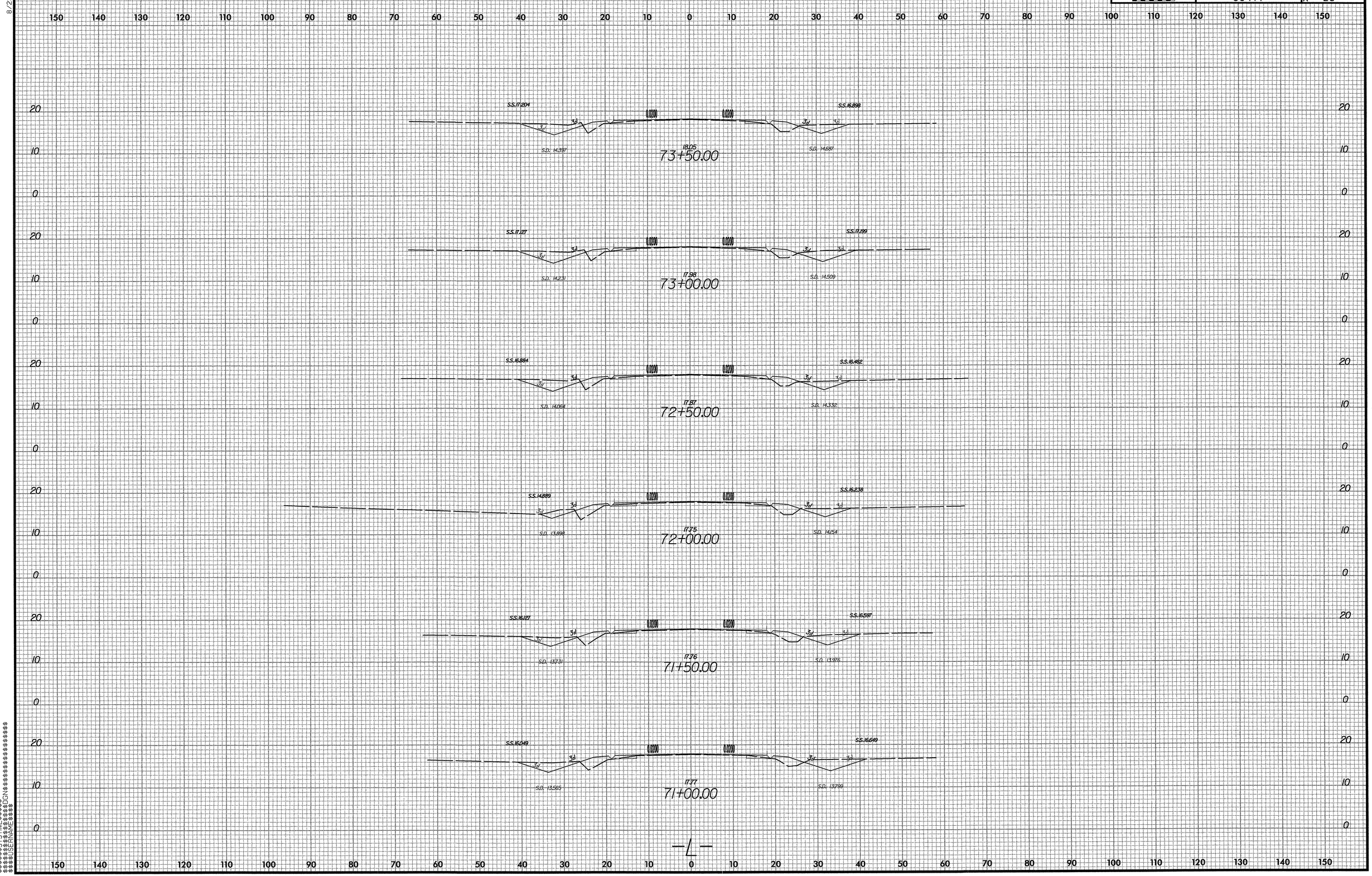

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	39417	X -24

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20 10

S.S.16302 3:1 3:1 0.020 0.020 3:1 3:1 S.S.16372

S.D. 14.580 18.23 76+50.00 S.D. 14.974

20 10

S.S.16177 3:1 3:1 0.020 0.020 3:1 3:1 S.S.16814

S.D. 14.657 18.21 76+00.00 S.D. 15.167

20 10

S.S.17530 3:1 3:1 0.020 0.020 3:1 3:1 S.S.16722

S.D. 14.813 18.22 75+50.00 S.D. 15.361

20 10

S.S.17.265 3:1 3:1 0.020 0.020 3:1 3:1 S.S.17.268

S.D. 14.897 18.20 75+00.00 S.D. 15.220

20 10

S.S.17.098 3:1 3:1 0.020 0.020 3:1 3:1 S.S.17.511

S.D. 14.730 18.19 74+50.00 S.D. 15.042

20 10

S.S.17.041 3:1 3:1 0.020 0.020 3:1 3:1 S.S.16.915

S.D. 14.564 18.14 74+00.00 S.D. 14.865

$$$$SYSTIME$$$$
$$$$DGN$$$$
$$$$CELLNAME$$$$

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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
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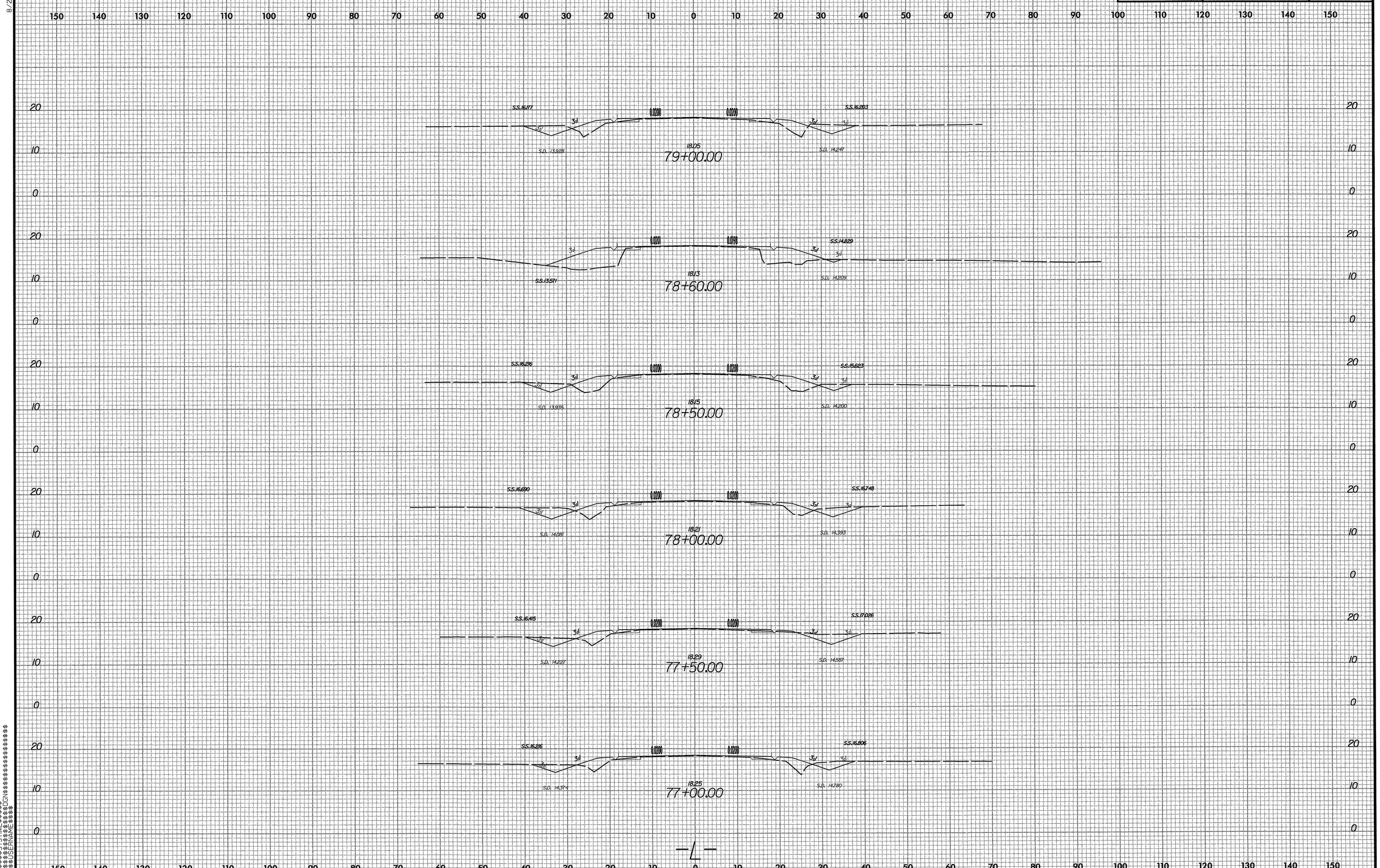

8/23/99

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

8/23/99

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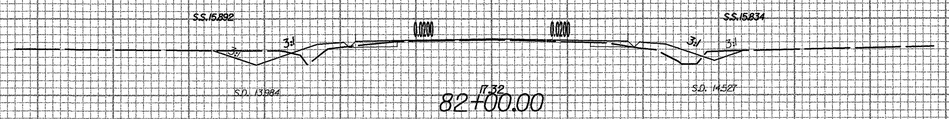
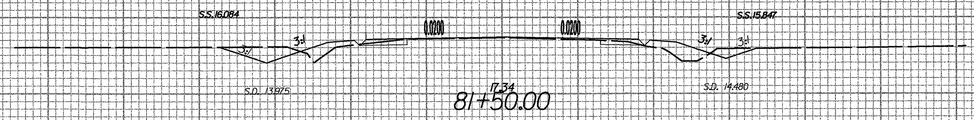
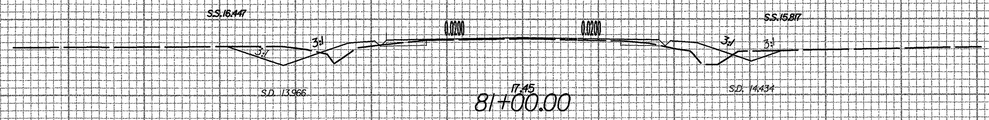
20 10 0



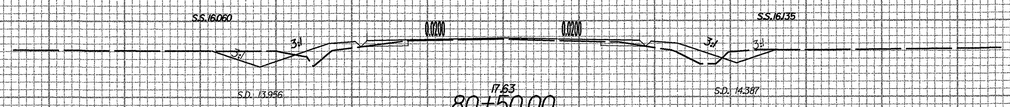
17.32
82+00.00



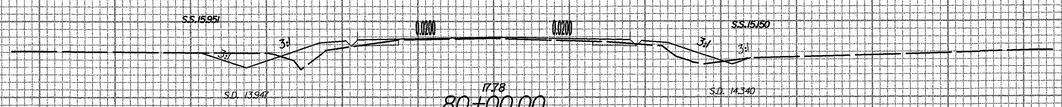
17.34
81+50.00



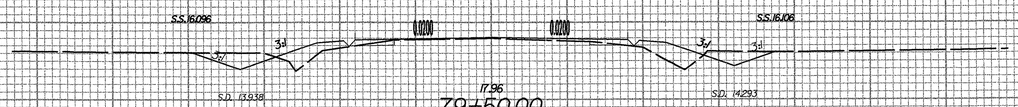
17.45
81+00.00



17.63
80+50.00



17.78
80+00.00



17.96
79+50.00

-L-

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

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

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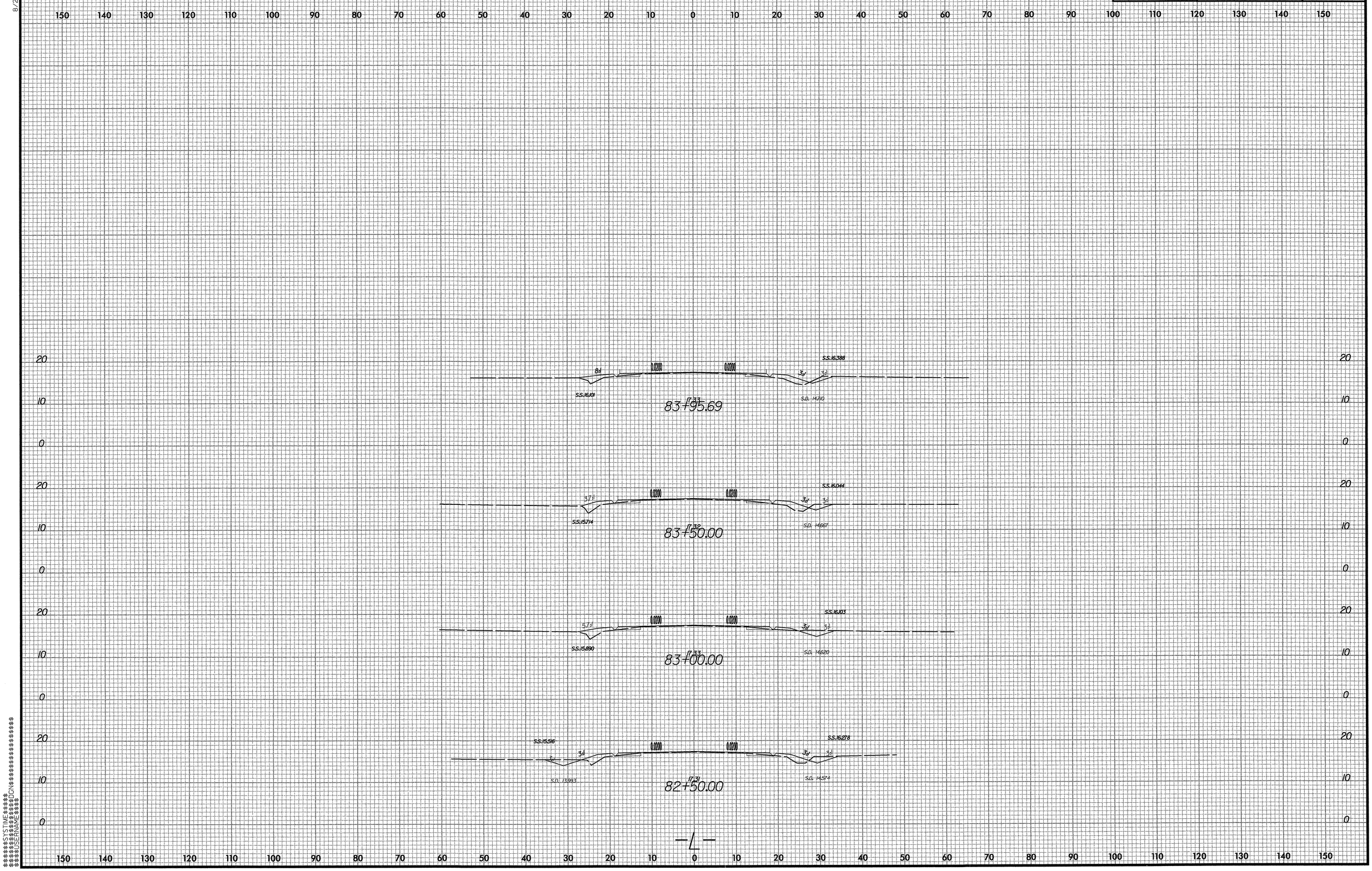
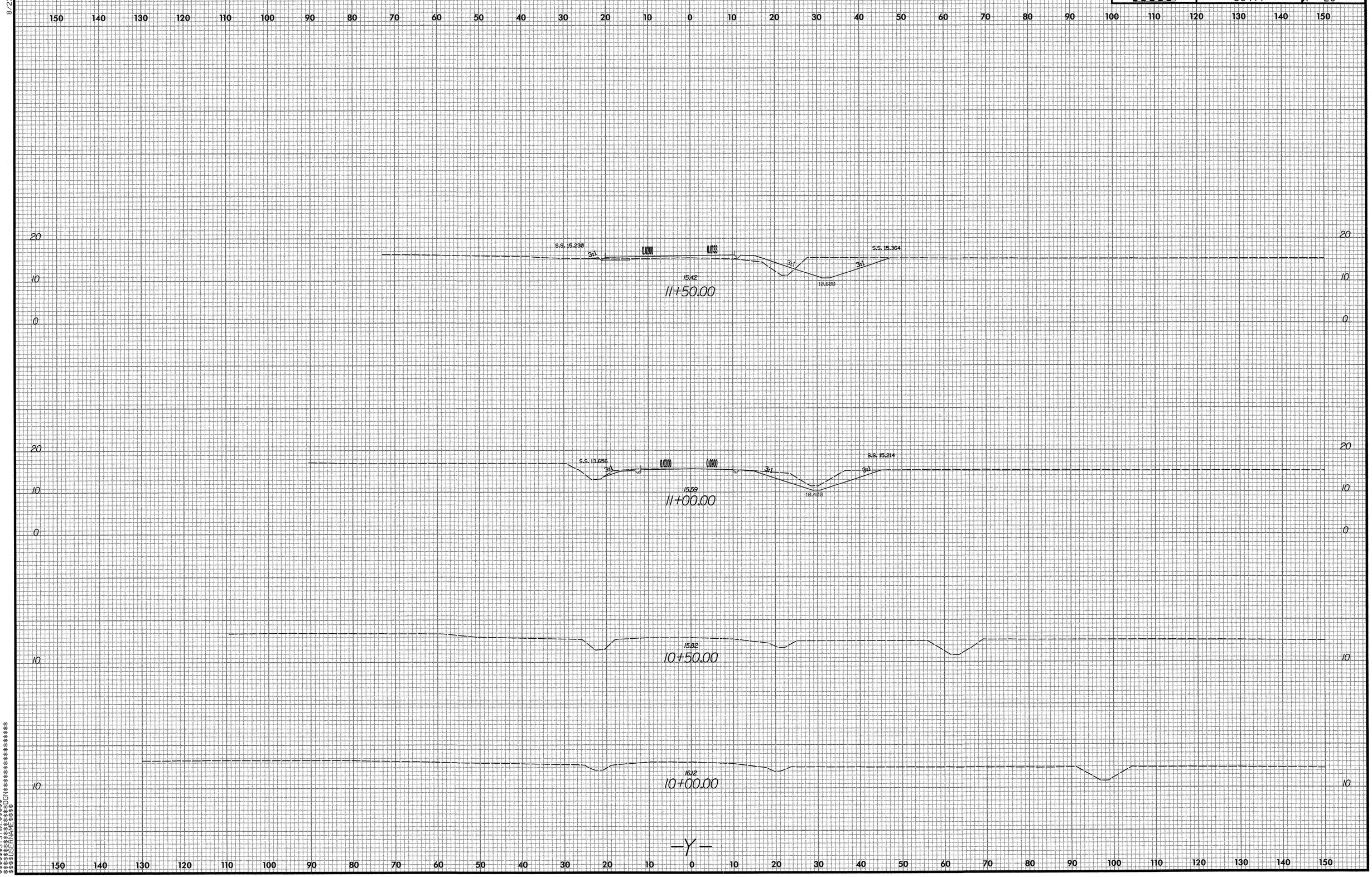


8/23/99

$$$$$$$$SYSTIME$$$$$$$$
$$$$$$$$USERNAME$$$$$$$$DON$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$

PROJ. REFERENCE NO.	SHEET NO.
39417	X -28



8/23/99

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

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	39417	X -29

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