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NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

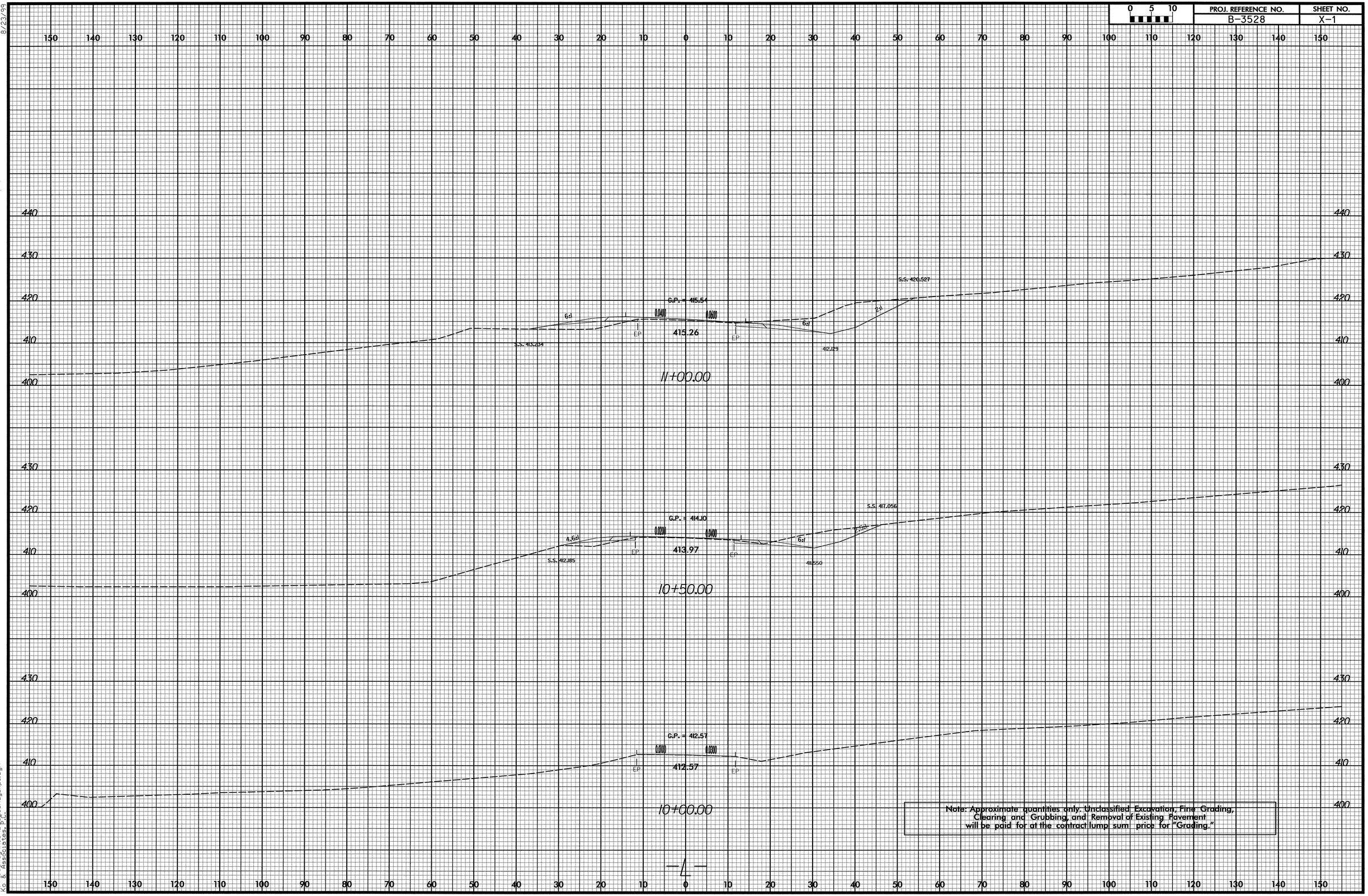
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

PROJ. REFERENCE NO.	SHEET NO.
B-3528	XSUM-1

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+00.00	0	0
10+50.00	56	8
11+00.00	171	30
11+50.00	200	49
12+00.00	148	38
12+50.00	105	13
13+00.00	48	21
13+50.00	22	75
14+00.00	33	140
14+50.00	28	244
15+00.00	21	451
15+50.00	16	693
16+00.00	9	861
16+50.00	7	888
17+00.00	16	914
17+50.00	32	1028
18+00.00	38	1139
18+50.00	20	1085
19+00.00	19	771
19+50.00	41	446
20+00.00	79	273
20+50.00	99	175
21+00.00	48	117
21+50.00	40	61
22+00.00	114	17
22+50.00	173	11
23+00.00	168	17
23+50.00	152	25
24+00.00	162	20
24+50.00	132	10
25+00.00	48	5

Approximate quantities only. Unclassified excavation, fine grading, clearing and grubbing, and removal of existing pavement will be paid for at the lump sum price for "Grading".



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8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-3528	X-2

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

430 420 410 400

G.P. = 416.52
6:1
0.060
0.060
6:1
4:1
S.S. 413.607
S.S. 415.192
EP
416.30
EP
412.884
13+00.00

G.P. = 417.42
6:1
0.060
0.060
6:1
4:1
S.S. 416.480
S.S. 416.510
EP
417.25
EP
413.815
12+50.00

G.P. = 417.54
6:1
0.060
0.060
6:1
2:1
S.S. 423.907
S.S. 416.176
EP
417.23
EP
414.000
12+00.00

G.P. = 416.88
6:1
0.060
0.060
6:1
2:1
S.S. 422.298
S.S. 414.299
EP
416.50
EP
413.405
11+50.00

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

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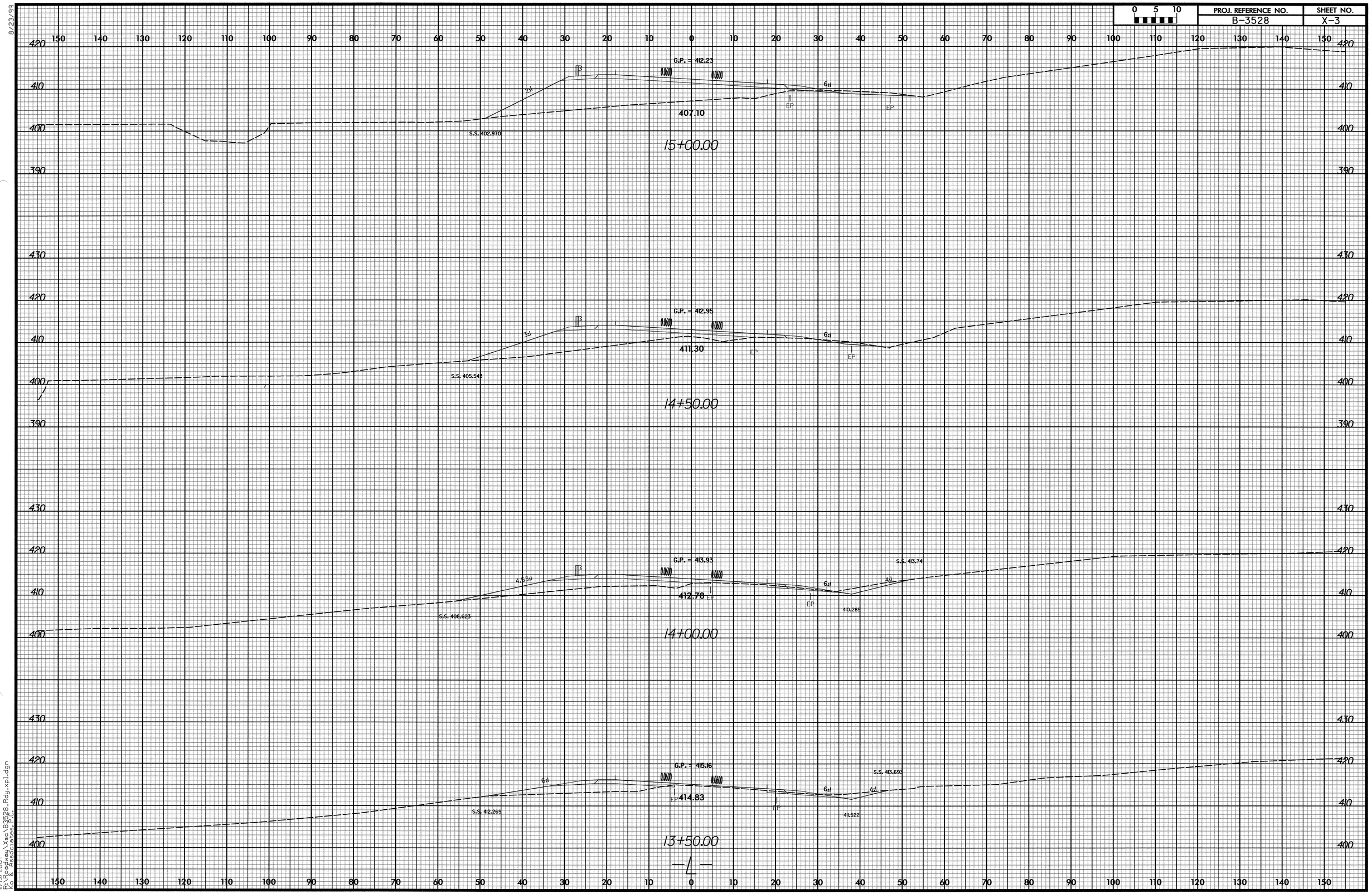
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-3528	X-3



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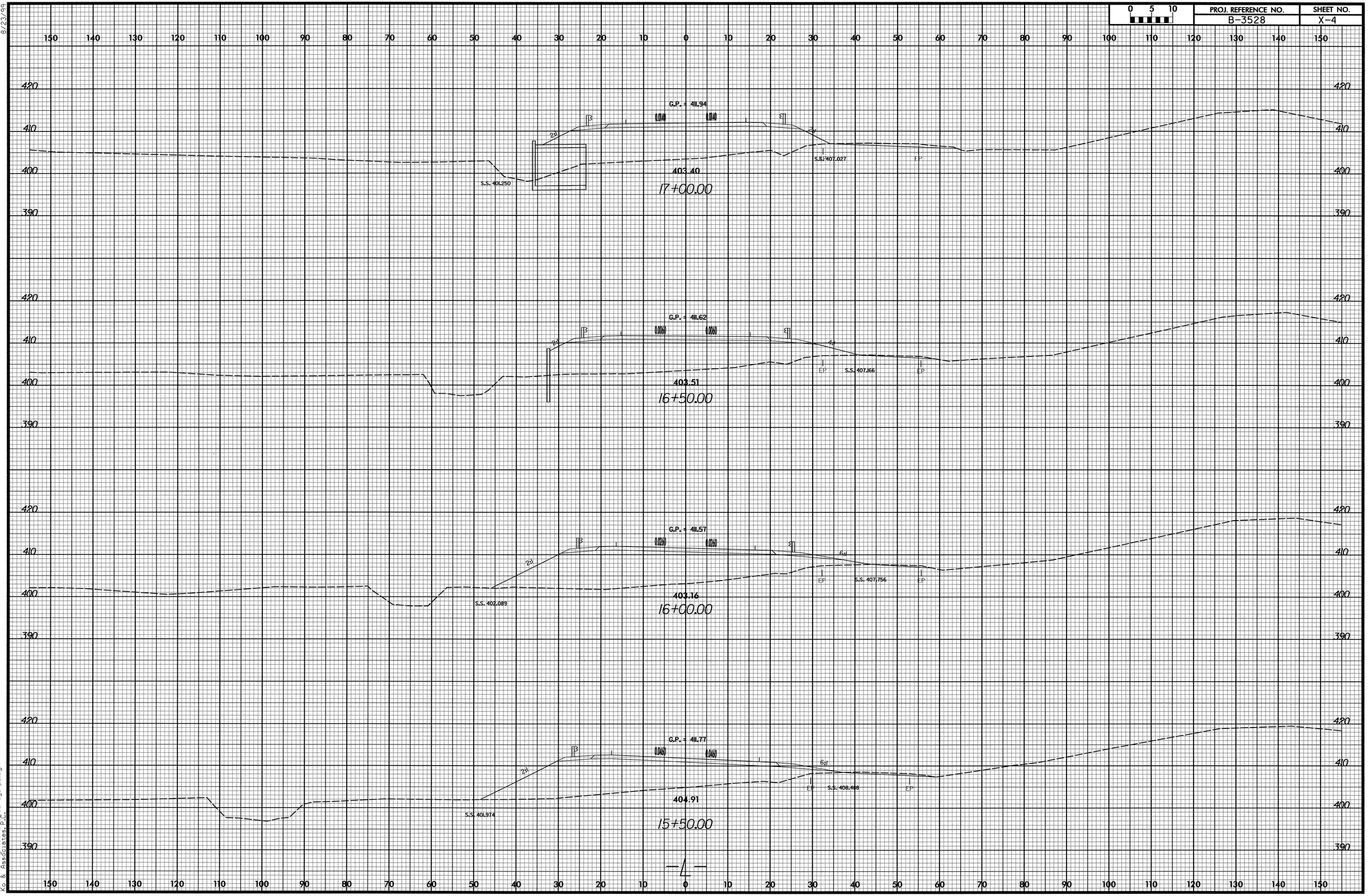
Ko & Associates, P.L.



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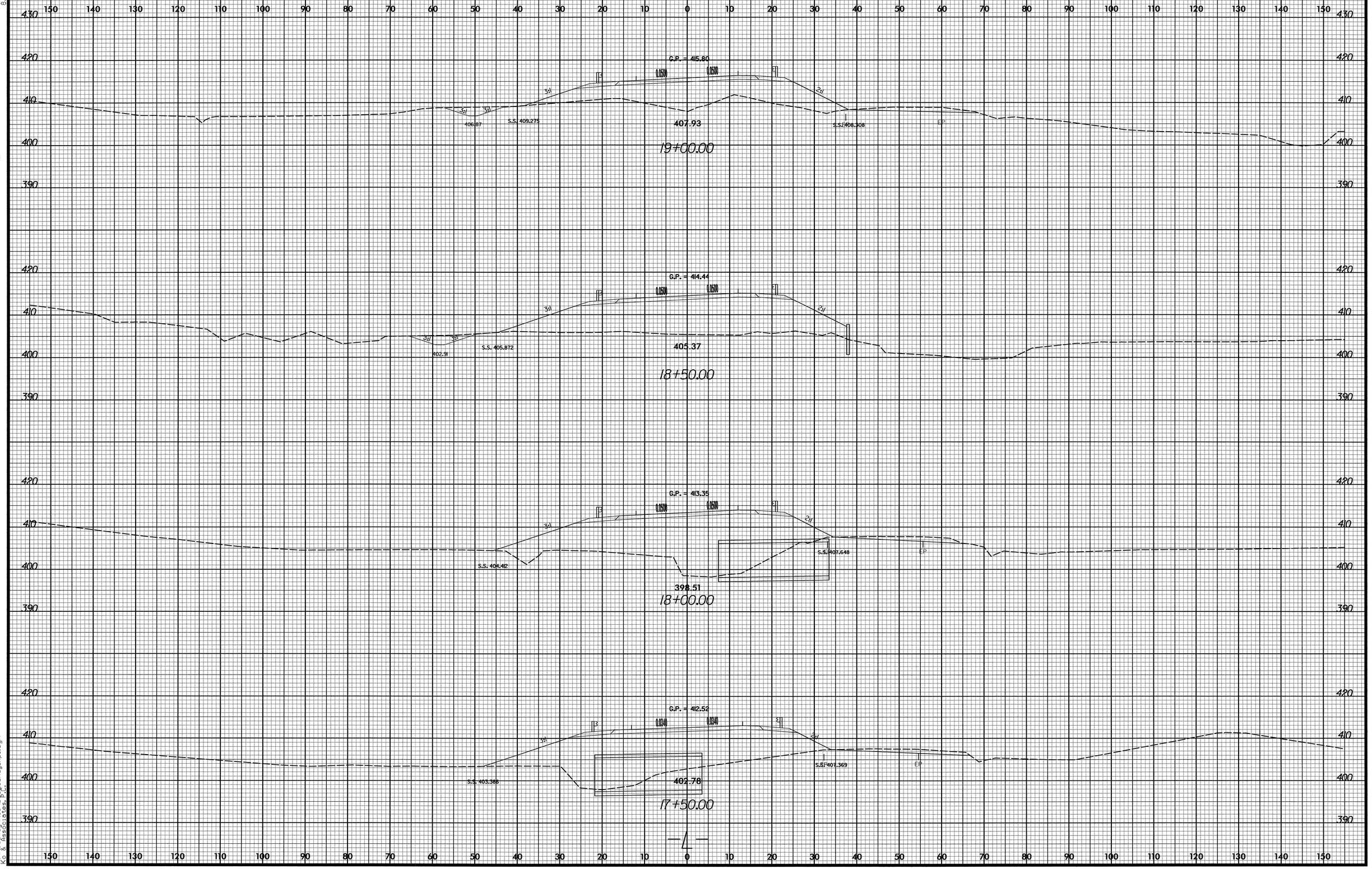
Ko & Associates, P.C.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-3528	X-5



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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-3528	X-6

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

430 420 410 400

G.P. = 423.66
0.000 0.002
3:1 6:1 6:1
420.76
422.16
EP EP
21+00.00

G.P. = 421.40
S.S. 419.559
0.000 0.018
3:1 6:1 6:1
418.76
420.17
EP S.S. 418.838 EP
20+50.00

G.P. = 419.28
S.S. 417.499
0.038 0.038
3:1 3:1 6:1 4:1
414.80
415.55
EP EP S.S. 415.086 EP
20+00.00

G.P. = 417.41
0.050 0.050
3:1 3:1 4:1 4:1
410.84
412.40
EP EP S.S. 411.163 EP
19+50.00

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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-3528	X-7

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

450 440 430 420 410

S.S. 428.672
G.P. = 430.43
S.S. 434.92
3:1
6:1
6:1
7:1
EP
429.81
EP
426.76
427.795

22+50.00

440 430 420 410

S.S. 426.800
G.P. = 428.18
S.S. 431.653
3:1
6:1
6:1
7:1
EP
427.38
EP
424.76
425.537

22+00.00

440 430 420 410 400

S.S. 424.314
G.P. = 425.92
S.S. 427.282
3:1
6:1
6:1
4:1
EP
424.28
EP
422.76
425.279

21+50.00

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

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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-3528	X-8

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

450 440 430 420

S.S. 440.618

G.P. = 436.42

S.S. 434.482

6:1 6:1

EP EP

435.78

432.76

433.777

24+00.00

450 440 430 420

S.S. 438.460

G.P. = 434.75

6:1 6:1 2.0%

EP EP

434.14

430.76

432.112

23+50.00

450 440 430 420 410

S.S. 436.809

G.P. = 432.69

6:1 6:1 2%

EP EP

432.25

428.76

430.052

23+00.00

450 440 430 420 410

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

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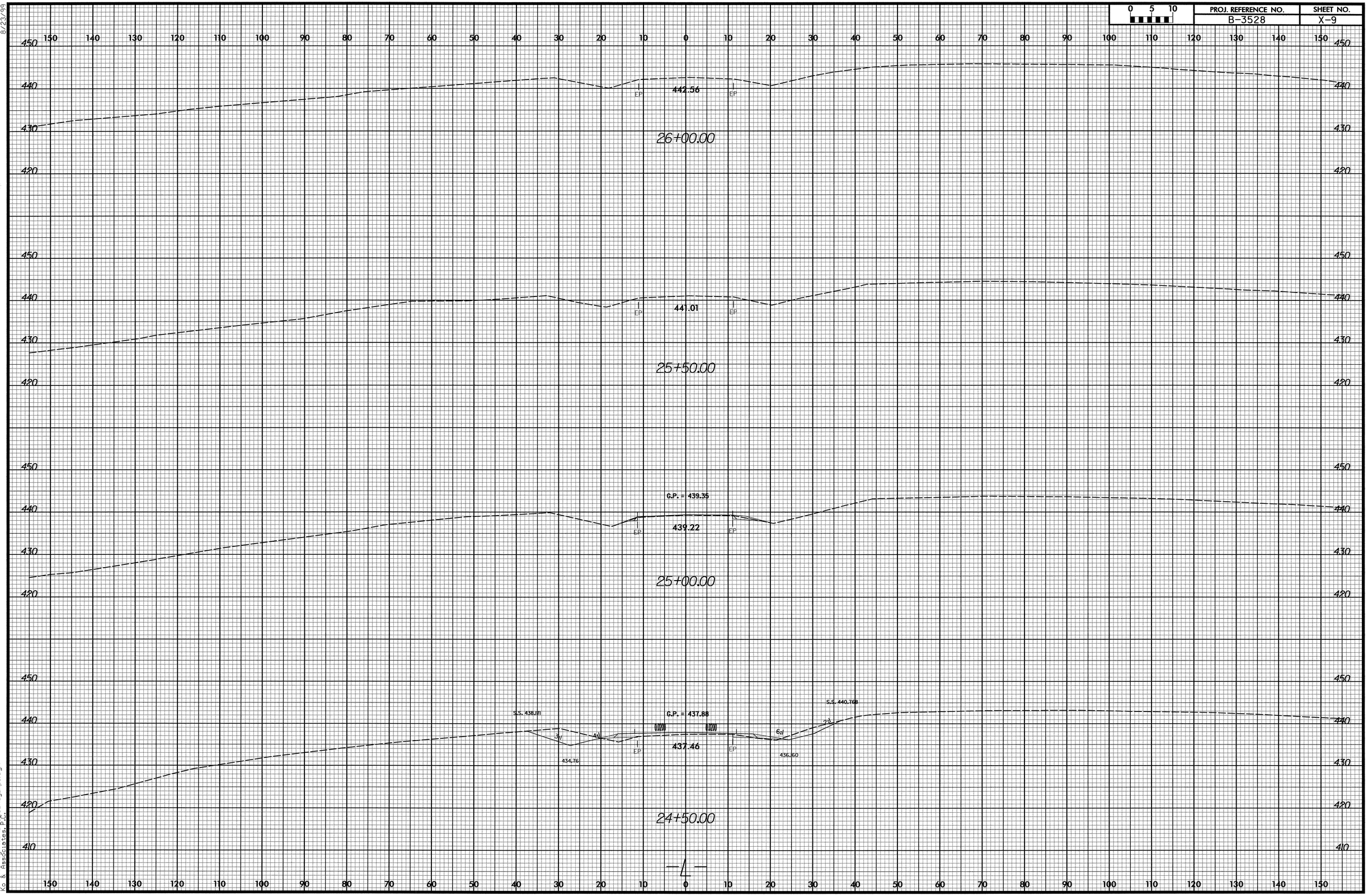
Ko & Associates, P.C.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-3528	X-9



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Ko & Associates, P.C.