STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PROJ. REFERENCE NO.	SHEET NO.
B-4128	X-1

CROSS-SECTION SUMMARY

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

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

Station DETOUR	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
21+00.00	0	0
21+50.00	60	0
22+00.00	309	0
22+50.00	310	0
23+00.00	61	77
23+50.00	0	243
24+00.00	0	261

Station DETOUR	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
25+00.00	0	150
25+50.00	1	531
26+00.00	126	189
26+50.00	264	7
27+00.00	158	7
27+50.00	18	0

Station L (LT)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
13+00.00	0	0
13+18.00	2	3
13+50.00	3	6
14+00.00	11	0
14+50.00	11	12
15+00.00	0	26
15+50.00	22	16
16+00.00	30	5
16+50.00	9	23
17+00.00	11	20
17+50.00	68	0
18+00.00	86	14
18+50.00	80	16
19+00.00	126	6
19+50.00	117	7
20+00.00	78	7
20+50.00	111	3
21+00.00	192	0
21+50.00	141	5
22+00.00	41	12
22+50.00	24	23
23+00.00	16	53
23+50.00	17	81

Station L (LT)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
24+50.00	0	0
25+00.00	0	108
25+50.00	0	175
26+00.00	1	93
26+50.00	9	43
27+00.00	51	18

Station L (LT)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
27+50.00	73	9
27+65.60	37	2
27+68.00	9	0
27+75.00	25	0
28+00.00	78	0
28+50.00	112	0
29+00.00	62	0
29+50.00	52	0
30+00.00	53	1
30+50.00	28	6
31+00.00	9	5

Station L (RT)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
13+00.00	0	0
13+18.00	1	6
13+50.00	3	21
14+00.00	6	31
14+50.00	6	32
15+00.00	5	34
15+50.00	4	23
16+00.00	7	8
16+50.00	22	3
17+00.00	35	5
17+50.00	39	8
18+00.00	33	13
18+50.00	25	22
19+00.00	11	37
19+50.00	0	42
20+00.00	12	28
20+50.00	65	12
21+00.00	103	2
21+50.00	84	0
22+00.00	44	15
22+50.00	15	69
23+00.00	15	88
23+50.00	11	34
24+00.00	2	0

Station L (RT)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
24+00.00	0	0
24+50.00	0	60
25+00.00	0	95
25+50.00	49	59
26+00.00	118	30
26+50.00	138	9
27+00.00	144	5
27+50.00	119	4
27+65.60	25	1
27+68.00	3	0
27+75.00	9	1

Station DET REM	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
21+00.00	0	0
21+50.00	41	0
22+00.00	41	175
22+50.00	0	205
23+00.00	77	36
23+50.00	194	14
24+00.00	215	12

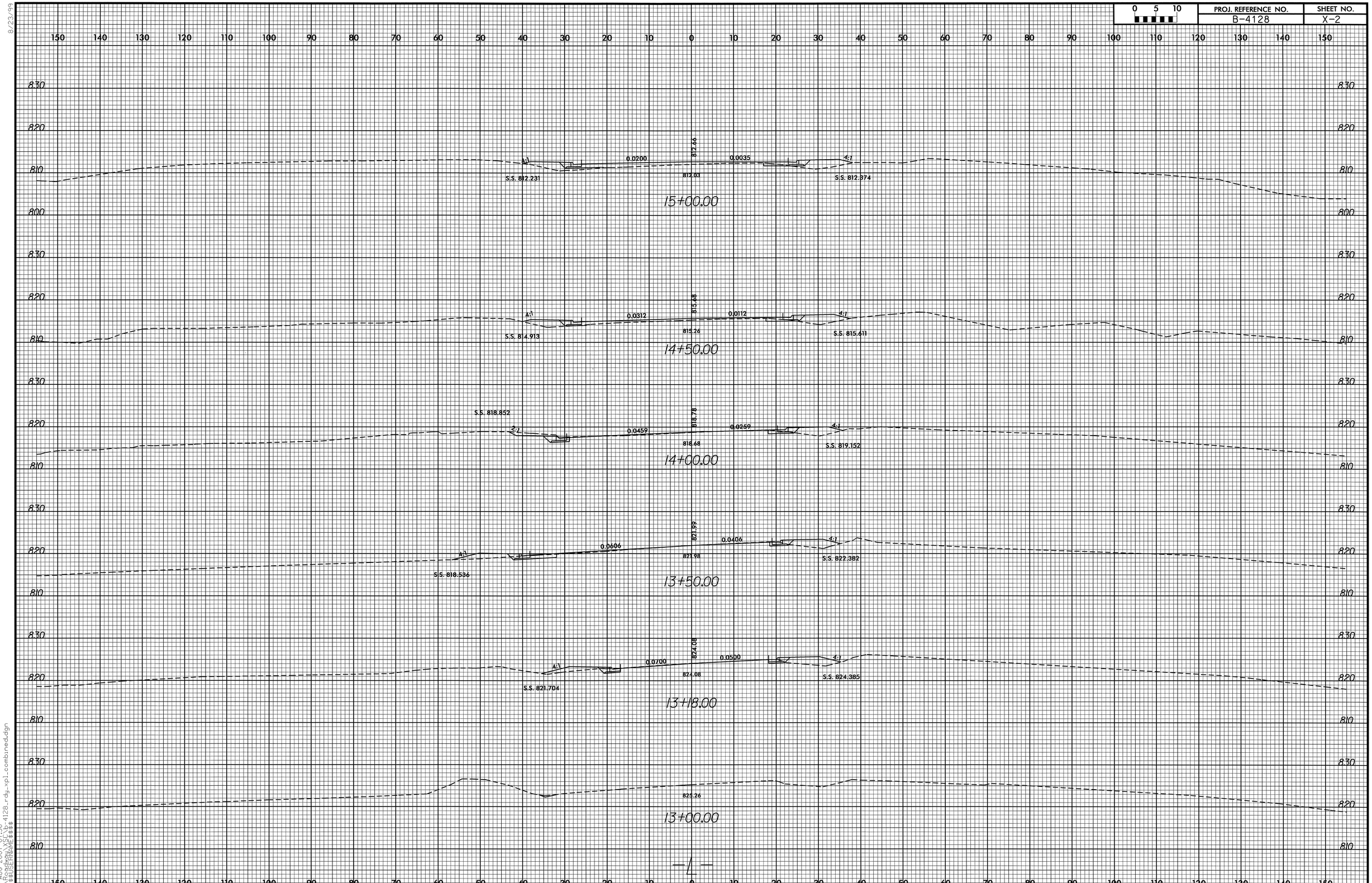
Station DET REM	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
25+00.00	137	0
25+50.00	387	0
26+00.00	114	47
26+50.00	0	73
27+00.00	0	26

Station Y	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+40.00	0	0
10+50.00	7	0
10+60.00	12	0
10+70.00	16	0
10+80.00	18	0
10+90.00	23	0
11+00.00	14	0

INDEX OF CROSS-SECTION

-L- 13+00.00 TO 31+00.00	X-2 T0 X-9
-Y- 10+30.00 TO 10+90.00	X-10 TO X-11

PROJ. REFERENCE NO.	SHEET NO.
B-4128	X-2



8/23/99

28-AUG-2007 07:56
R:\Roadway\XSC\b-4128_rdy_xpl_combined.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-4128	X-3

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

810 800 790 820

S.S. 799.245
2:1
0.0200
794.47
0.0200
794.06
S.S. 799.324
2:1
18+00.00

S.S. 799.961
2:1
0.0200
797.52
0.0103
796.96
S.S. 802.757
2:1
17+50.00

TIE TO KILDARE WOODS DR.
800.55
0.0200
0.0044
799.79
S.S. 804.796
2:1
17+00.00

S.S. 802.606
2:1
0.0200
803.57
0.0191
802.74
S.S. 806.544
2:1
16+50.00

S.S. 807.362
2:1
0.0200
806.60
0.0200
805.80
S.S. 807.253
2:1
16+00.00

S.S. 811.883
2:1
0.0200
809.63
0.0182
808.77
S.S. 809.372
4:1
15+50.00

01-MAY-2007 14:47
R:\Roadway\SC\b-4128-rdy-xpi-combined.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-4128	X-4

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

800 790 780 770 800 790 780 810 800 790 780 800 790 780 810 800 790 780

S.S. 788.839
2:1
0.0200
778.53
778.71
0.0147
4:1
S.S. 784.742
20+50.00

S.S. 794.460
2:1
0.0200
781.72
781.72
0.0200
4:1
S.S. 784.316
20+00.00

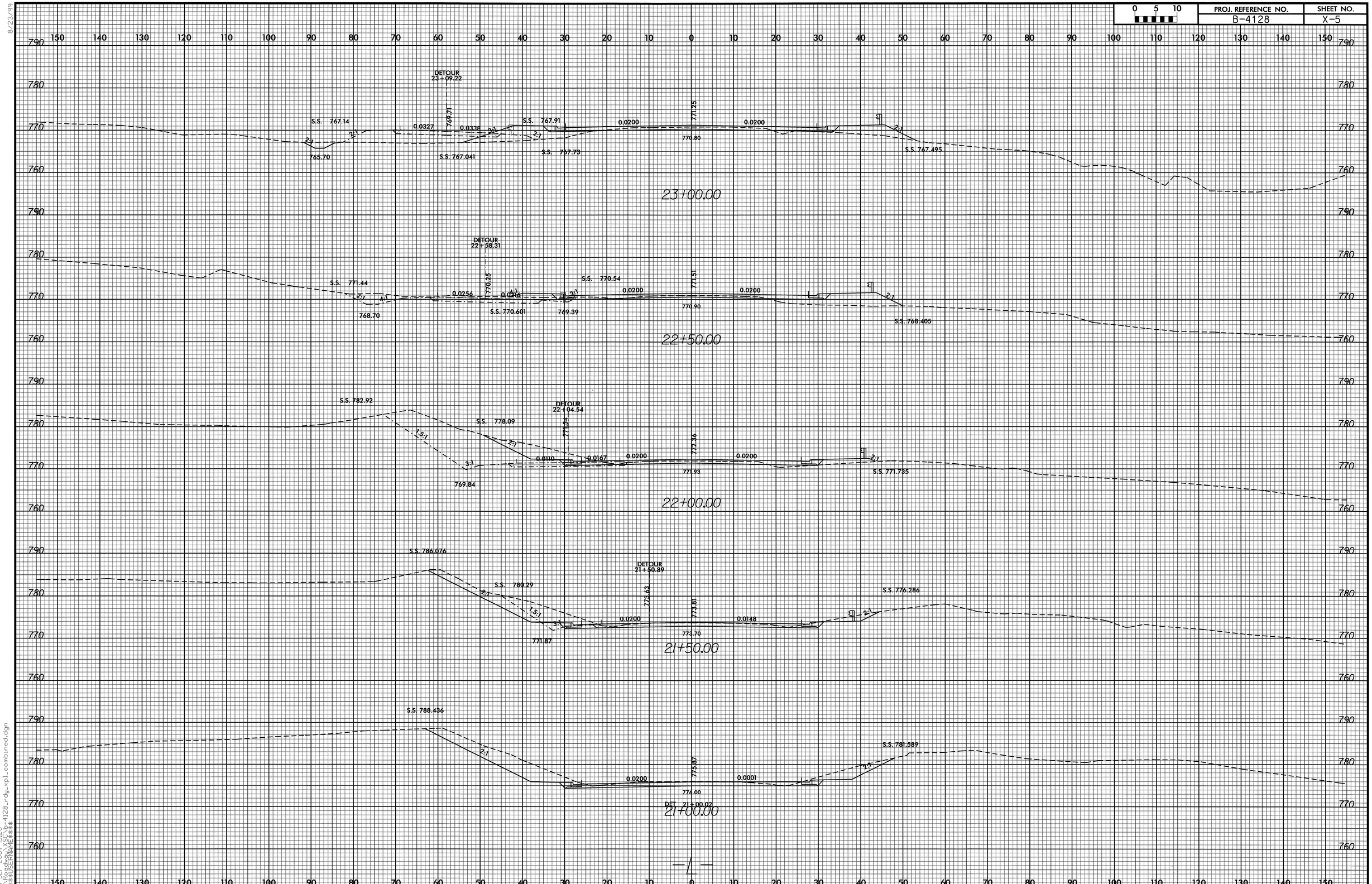
S.S. 797.012
2:1
0.0200
784.98
784.77
0.0200
4:1
S.S. 786.066
19+50.00

S.S. 798.230
2:1
0.0200
788.21
787.85
0.0200
4:1
S.S. 788.722
19+00.00

S.S. 799.703
2:1
0.0200
791.37
791.00
0.0200
4:1
S.S. 795.303
18+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

01-MAY-2007 14:47
R:\Roadway\XSC\b-4128_rdy_xpl_combined.dgn
$$$$USERNAME$$$$



8/23/99

05-SEP-2007 15:20
R:\Roadway\XSC\b-4128_rdy_xpl_combined.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-4128	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

790 780 770 760 750

DETOUR
25+09.26

0.0200 774.11 0.0200 2:1 2:1 0.0200 776.27 0.0200 4:1

S.S. 761.57 S.S. 765.690 774.28 S.S. 770.17 S.S. 776.261

25+00.00

DETOUR
24+59.26

0.0200 772.04 0.0200 BRIDGE 0.0200 774.12 0.0200 4:1

772.59 S.S. 771.985

24+50.00

DETOUR
24+09.26

0.0200 770.62 0.0200 BRIDGE 0.0200 772.56 0.0200

S.S. 764.54 2:1 763.39 755.97

24+00.00

DETOUR
23+59.26

0.0200 769.84 0.0200 3:1 2:1 0.0200 771.61 0.0200

S.S. 765.62 2:1 764.30 S.S. 765.500 771.15 S.S. 766.05

23+50.00

01-MAY-2007 14:47
R:\Roadway\XSC\b-4128_rdy_xp1_combined.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-4128	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

810 800 790 780

S.S. 796.125
2:1
0.0200
791.51
0.0200
2:1
790.71
27+50.00

DETOUR
27+18.24
S.S. 795.062
S.S. 790.980
S.S. 791.42
2:1
2:1
0.0200
788.23
0.0200
2:1
787.58
786.05
27+00.00

DETOUR
26+66.17
S.S. 791.087
S.S. 788.975
S.S. 788.80
2:1
2:1
3:1
784.12
784.05
0.0376
0.0401
0.0200
0.0200
2:1
784.17
782.05
26+50.00

DETOUR
26+11.45
S.S. 786.391
S.S. 783.190
S.S. 781.73
2:1
2:1
3:1
780.31
S.S. 779.99
78.84
0.0069
0.0332
0.0200
0.0200
2:1
780.54
778.73
779.10
26+00.00

DETOUR
25+59.50
S.S. 782.212
S.S. 776.18
776.84
0.0293
0.0283
0.0200
778.94
0.0200
2:1
777.04
S.S. 768.74
2:1
2:1
3:1
3:1
2:1
774.89
S.S. 771.681
25+50.00

760 770 780 790 800 810

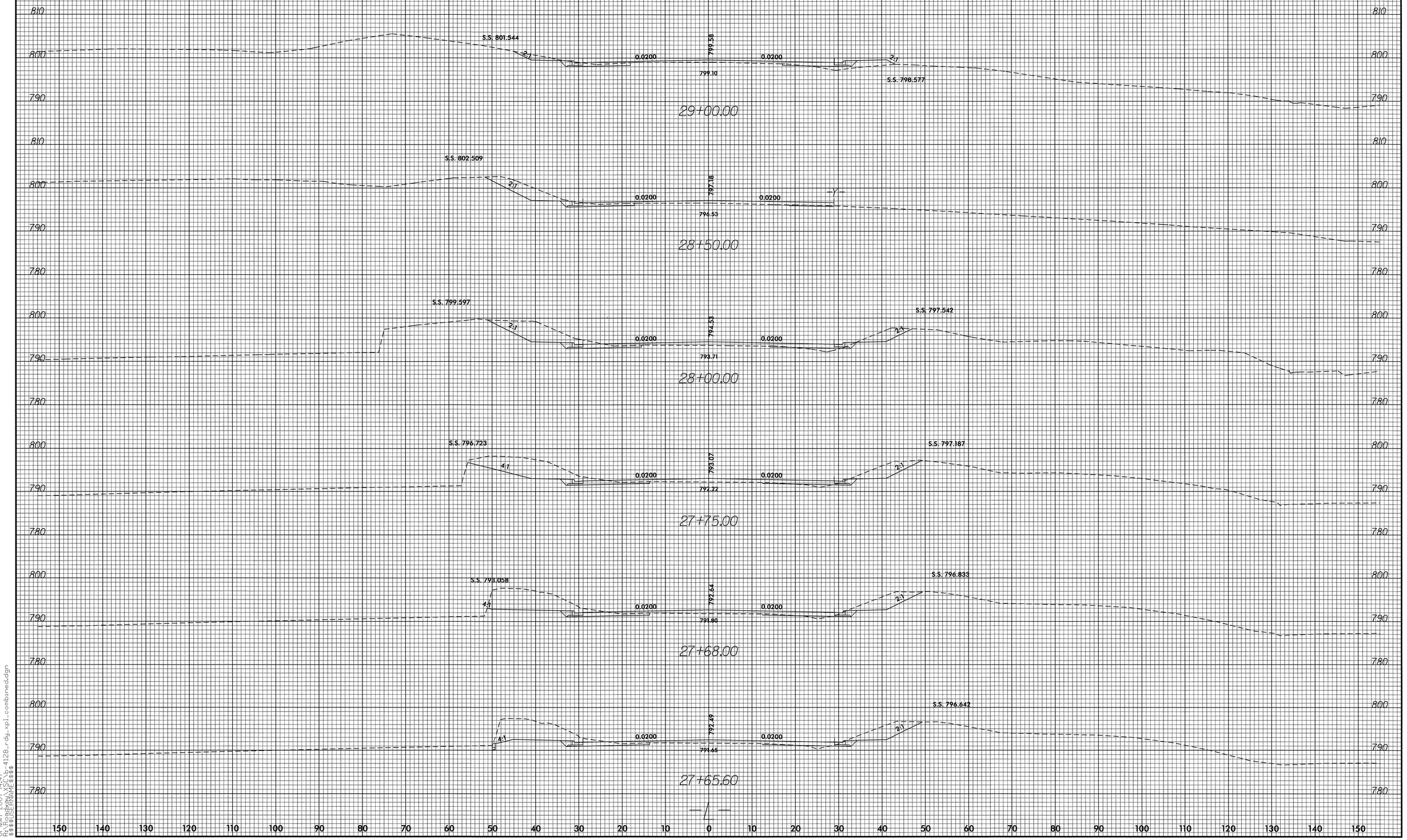
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

05-SEP-2007 15:44
R:\Roadway\X-Sects\b-4128_rdy_xpl_combined.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-4128	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



01-MAY-2007 14:47
R:\Rodney\XSC\b-4128_rdy_xpl_combined.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-4128	X-9

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

820 810 800

809.33

31+00.00

820 810 800

820 810 800 790

S.S. 808.234

2:1

0.0072

806.81

0.0200

2:1

S.S. 807.367

806.66

30+50.00

820 810 800 790

S.S. 807.420

2:1

0.0056

804.36

0.0200

S.S. 804.898

2:1

804.13

30+00.00

820 810 800 790

S.S. 804.708

2:1

4:1

0.0185

801.97

0.0200

2:1

DITCH EL = 801.10

801.61

S.S. 799.206

29+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

01-MAY-2007 14:47
R:\Roadway\SE\b-4128_rdy_xpl_combined.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-4128	X-10

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

810 800 790 780

S.S. 794.321 — 2:1 — 0.0282 — 793.87 — 0.0282 — 2:1 — S.S. 796.315

793.62

10+80.00

S.S. 794.586 — 2:1 — 0.0236 — 793.38 — 0.0236 — 2:1 — S.S. 795.053

793.02

10+70.00

S.S. 794.111 — 2:1 — 0.0195 — 792.54 — 0.0195 — 2:1 — S.S. 794.126

792.41

10+60.00

S.S. 793.379 — 2:1 — 0.0167 — 791.87 — 0.0167 — 2:1 — S.S. 793.336

791.81

10+50.00

S.S. 792.241 — 2:1 — 0.0140 — 791.20 — 0.0140 — 2:1 — S.S. 792.421

791.19

10+40.00

790.57

10+30.00

—Y—

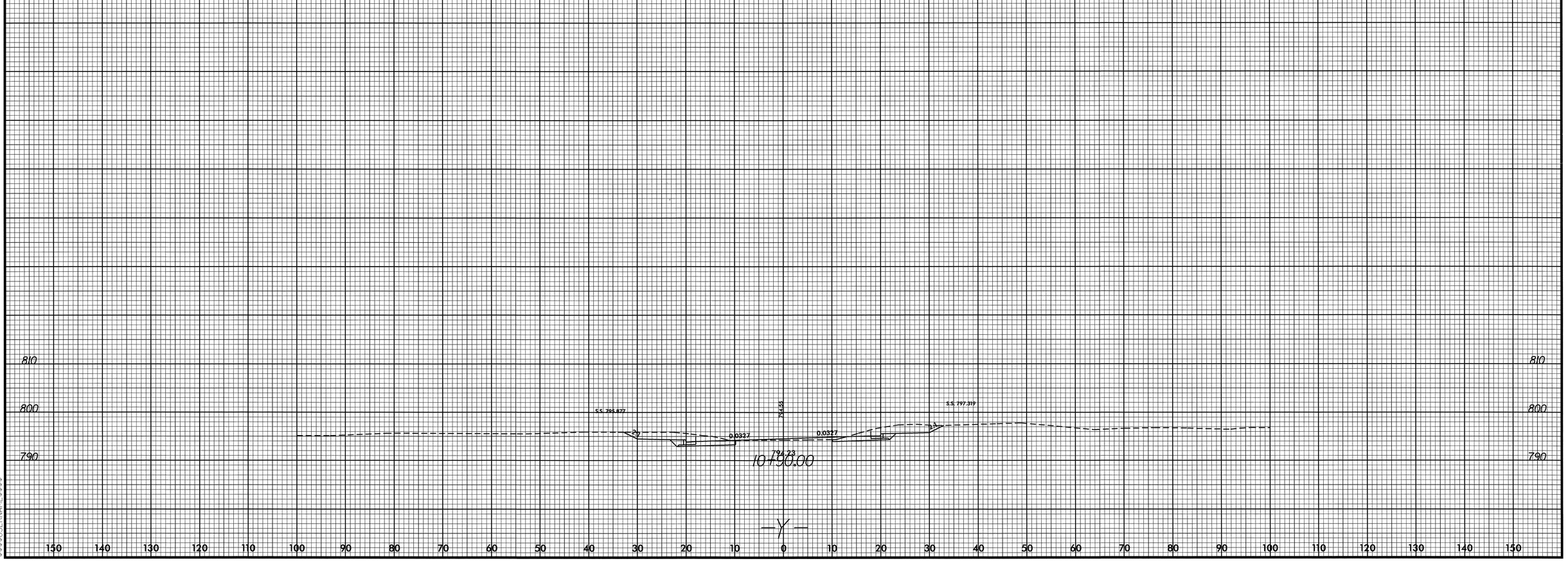
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

01-MAY-2007 14:47
R:\Roadway\XSC\b-4128-rdy-xpl-y.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-4128	X-11

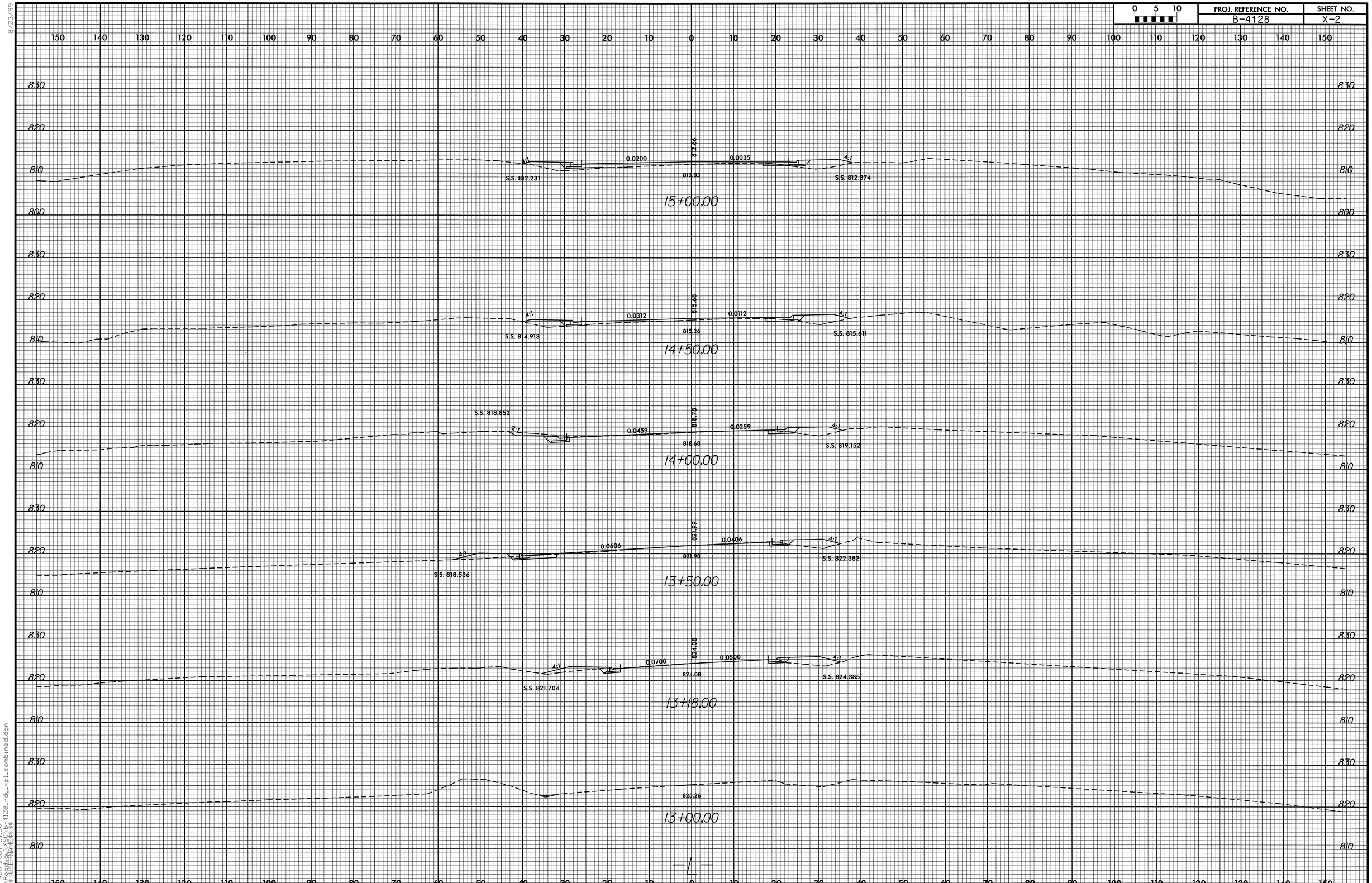
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150



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

05-SEP-2007 10:47
R:\Roadway\SCL\b_4128_rdy_xpl_ydgn
$$$$USERNAME$$$$

PROJ. REFERENCE NO.	SHEET NO.
B-4128	X-2



8/23/99

28-AUG-2007 07:56
R:\Roadway\XSC\b-4128_rdy_xpl_combined.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-4128	X-3

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

810 800 790 820

S.S. 799.245
2:1
0.0200
794.47
0.0200
794.06
S.S. 799.324
2:1
18+00.00

S.S. 799.961
2:1
0.0200
797.52
0.0103
796.96
S.S. 802.757
2:1
17+50.00

TIE TO KILDARE WOODS DR.
800.55
0.0200
0.0044
799.79
S.S. 804.796
2:1
17+00.00

S.S. 802.606
2:1
0.0200
803.57
0.0191
802.74
S.S. 806.544
2:1
16+50.00

S.S. 807.362
2:1
0.0200
806.60
0.0200
805.80
S.S. 807.253
2:1
16+00.00

S.S. 811.883
2:1
0.0200
809.63
0.0182
808.77
S.S. 809.372
4:1
15+50.00

01-MAY-2007 14:47
R:\Roadway\SC\b-4128-rdy-xpi-combined.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-4128	X-4

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

800 790 780 770 800 790 780 810 800 790 780 800 790 780 810 800 790 780

S.S. 788.839
2:1
0.0200
778.53
778.71
0.0147
4:1
S.S. 784.742
20+50.00

S.S. 794.460
2:1
0.0200
781.72
781.72
0.0200
4:1
S.S. 784.316
20+00.00

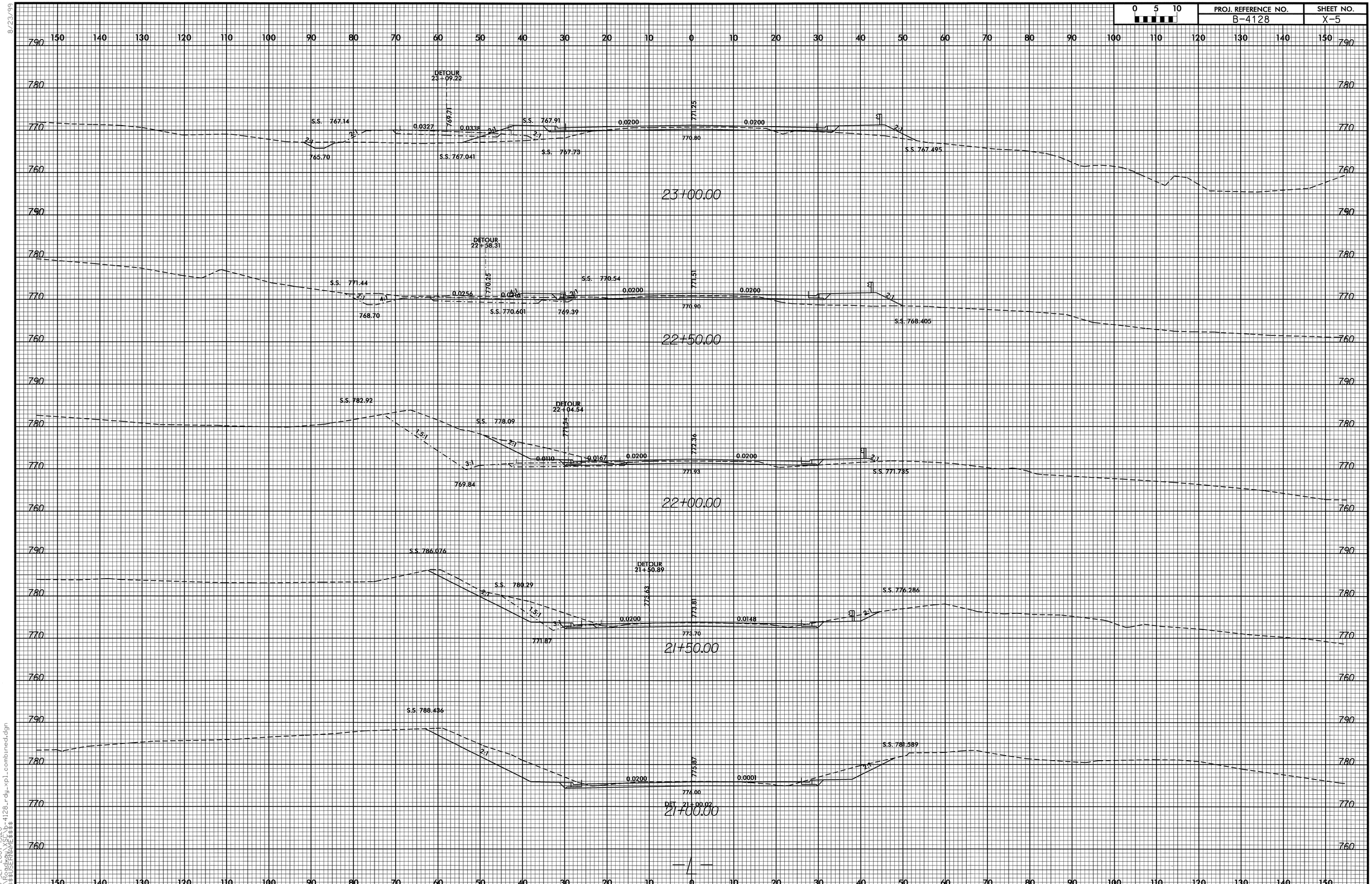
S.S. 797.012
2:1
0.0200
784.98
784.77
0.0200
4:1
S.S. 786.066
19+50.00

S.S. 798.230
2:1
0.0200
788.21
787.85
0.0200
4:1
S.S. 788.722
19+00.00

S.S. 799.703
2:1
0.0200
791.37
791.00
0.0200
4:1
S.S. 795.303
18+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

01-MAY-2007 14:47
R:\Roadway\XSC\b-4128_rdy_xpl_combined.dgn
$$$$USERNAME$$$$



8/23/99

05-SEP-2007 15:20
R:\Roadway\XSC\b-4128_rdy_xpl_combined.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-4128	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

790 780 770 760 750

DETOUR
25+09.26

0.0200 774.11 0.0200 2:1 2:1 0.0200 776.27 0.0200 4:1

S.S. 761.57 S.S. 765.690 774.28 S.S. 770.17 S.S. 776.261

25+00.00

DETOUR
24+59.26

0.0200 772.04 0.0200 BRIDGE 0.0200 774.12 0.0200 4:1

772.59 S.S. 771.985

24+50.00

DETOUR
24+09.26

0.0200 770.62 0.0200 BRIDGE 0.0200 772.56 0.0200

S.S. 764.54 2:1 763.39 755.97

24+00.00

DETOUR
23+59.26

0.0200 769.84 0.0200 3:1 2:1 0.0200 771.61 0.0200

S.S. 765.62 2:1 764.30 S.S. 765.500 771.15 S.S. 766.05

23+50.00

01-MAY-2007 14:47
R:\Roadway\XSC\b-4128_rdy_xp1_combined.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-4128	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

810 800 790 780

S.S. 796.125
2:1
0.0200
791.51
0.0200
2:1
790.71
27+50.00

DETOUR
27+18.24
S.S. 795.062
S.S. 790.980
S.S. 791.42
2:1
2:1
0.0200
788.23
0.0200
2:1
787.58
786.05
27+00.00

DETOUR
26+66.17
S.S. 791.087
S.S. 788.975
S.S. 788.80
2:1
2:1
3:1
784.12
784.05
0.0376
0.0401
0.0200
0.0200
2:1
784.17
782.05
26+50.00

DETOUR
26+11.45
S.S. 786.391
S.S. 783.190
S.S. 781.73
2:1
2:1
3:1
780.31
S.S. 779.99
78.84
0.0069
0.0332
0.0200
0.0200
2:1
780.54
778.73
779.10
26+00.00

DETOUR
25+59.50
S.S. 782.212
S.S. 776.18
776.84
0.0293
0.0283
0.0200
778.94
0.0200
2:1
777.04
S.S. 768.74
2:1
2:1
3:1
3:1
2:1
774.89
S.S. 771.681
25+50.00

760 770 780 790 800 810

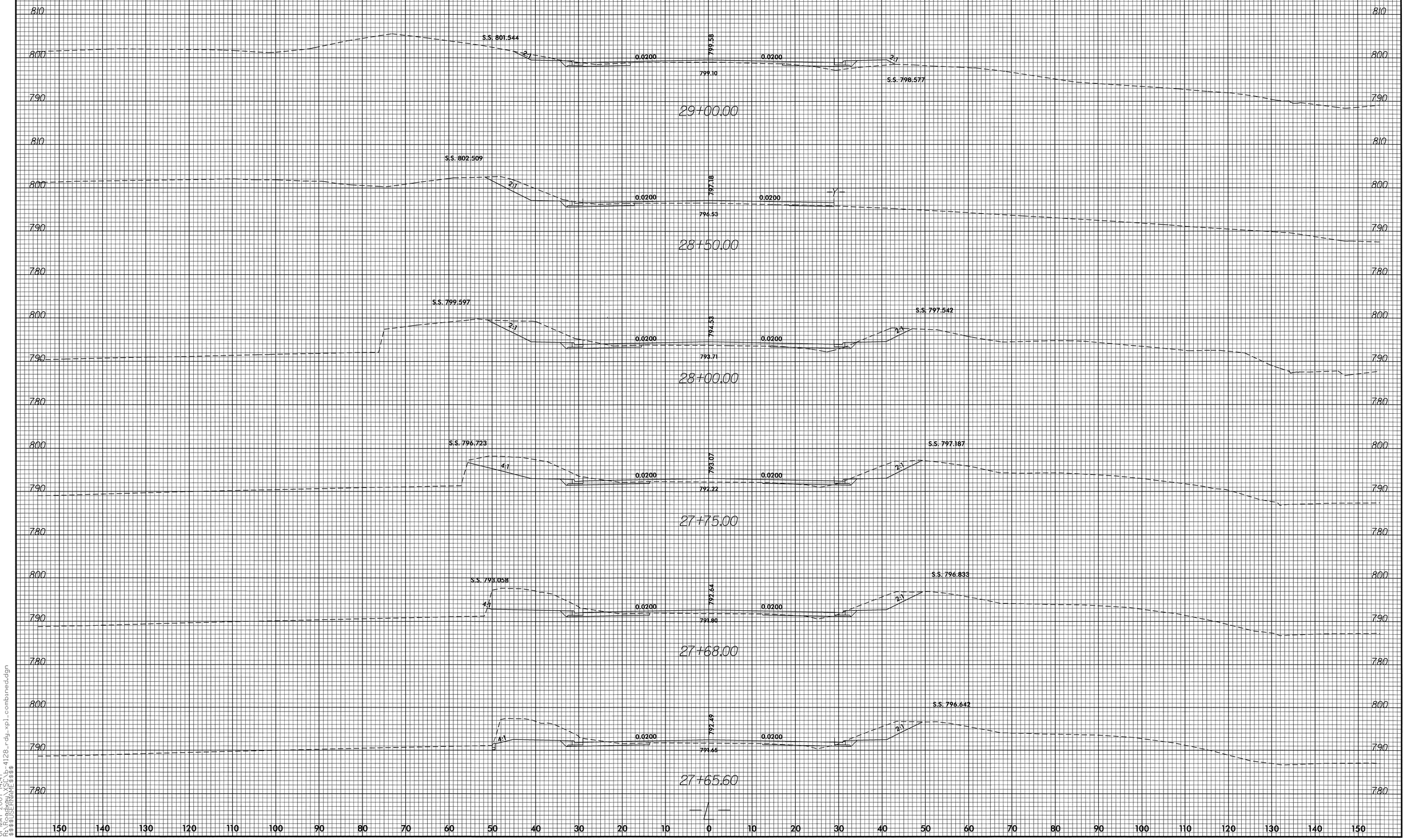
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

05-SEP-2007 15:44
R:\Roadway\X-Sects\b-4128_rdy_xpl_combined.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-4128	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



01-MAY-2007 14:47
R:\Rodney\XSC\b-4128_rdy_xpl_combined.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-4128	X-9

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

820 810 800

809.33

31+00.00

820 810 800

820 810 800 790

S.S. 808.234

2:1

0.0072

806.81

0.0200

2:1

S.S. 807.367

806.66

30+50.00

820 810 800 790

S.S. 807.420

2:1

0.0056

804.36

0.0200

S.S. 804.898

2:1

804.13

30+00.00

820 810 800 790

S.S. 804.708

2:1

4:1

0.0185

801.97

0.0200

2:1

DITCH EL = 801.10

801.61

S.S. 799.206

29+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

01-MAY-2007 14:47
R:\Roadway\SE\b-4128_rdy_xpl_combined.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-4128	X-10

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

810 800 790 780

S.S. 794.321 — 2:1 — 0.0282 — 793.87 — 0.0282 — 2:1 — S.S. 796.315

793.62

10+80.00

S.S. 794.586 — 2:1 — 0.0236 — 793.38 — 0.0236 — 2:1 — S.S. 795.053

793.02

10+70.00

S.S. 794.111 — 2:1 — 0.0195 — 792.54 — 0.0195 — 2:1 — S.S. 794.126

792.41

10+60.00

S.S. 793.379 — 2:1 — 0.0167 — 791.87 — 0.0167 — 2:1 — S.S. 793.336

791.81

10+50.00

S.S. 792.241 — 2:1 — 0.0140 — 791.20 — 0.0140 — 2:1 — S.S. 792.421

791.19

10+40.00

790.57

10+30.00

—Y—

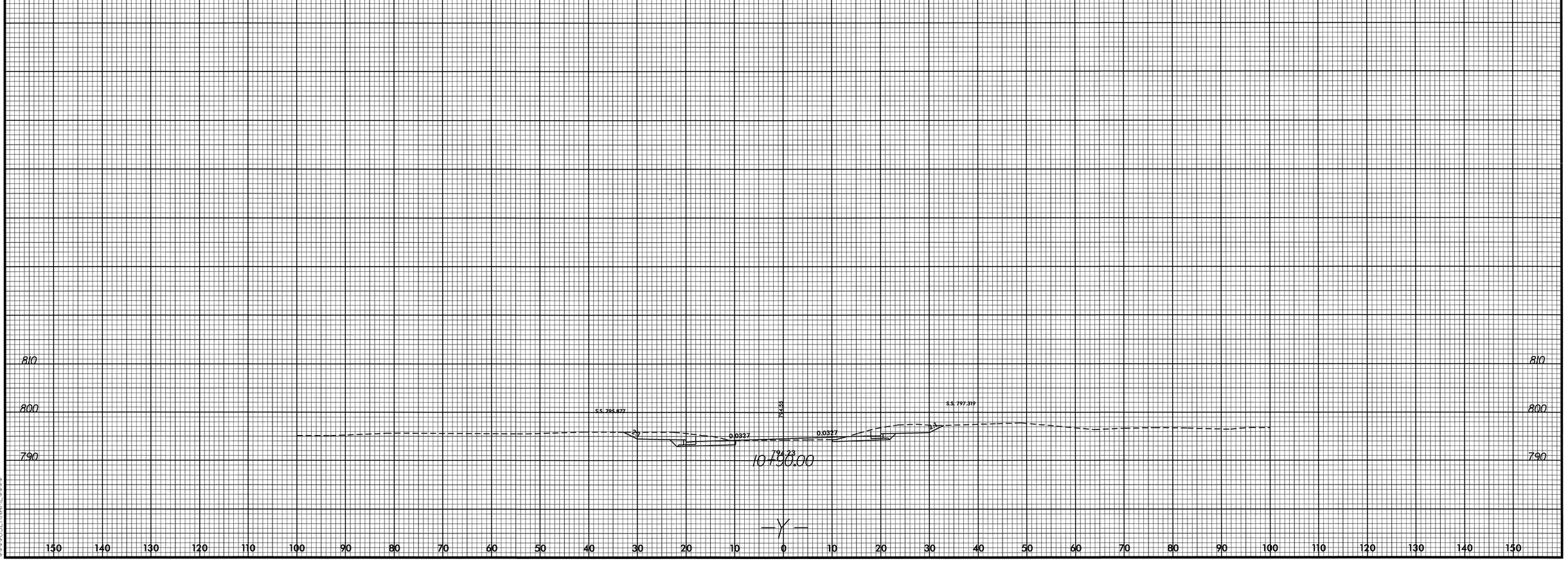
150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

01-MAY-2007 14:47
R:\Roadway\XSC\b-4128-rdy-xpl-y.dgn
$$$$USERNAME$$$$

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-4128	X-11

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



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

05-SEP-2007 10:47
R:\Roadway\SCL\b_4128_rdy_xpl_ydgn
$$$$USERNAME$$$$