R:\Roadway\Estimate\Final\earthwork\phase_1_earth_detour_a1.out

PROJ. REFERENCE NO.	SHEET NO.
B-4202	X-1A

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

Station L Det A Ph 1	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+75.00	2	0
11+00.00	5	0
11+25.00	6	1
11+50.00	37	5
11+75.00	172	1
12+00.00	319	0
12+25.00	332	0
12+50.00	246	0
12+75.00	166	0
13+00.00	89	6
13+01.59	2	2

Station L Det A Ph 1	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
13+55.00	1	1
13+60.00	1	3
13+65.00	1	1
13+70.00	1	1
13+75.00	1	0
13+80.00	1	0
13+85.00	1	0
13+90.00	1	0
13+95.00	1	0
14+00.00	1	0
14+03.48	1	0

Station L Det B Ph 1	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
18+25.00	6	0
18+50.00	6	1
18+75.00	1	15
19+00.00	1	45
19+25.00	0	83
19+50.00	0	128
19+66.28	0	99

Station L Det B Ph 1	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
20+25.00	4	23
20+50.00	6	36
20+75.00	1	68
21+00.00	11	79
21+25.00	12	37
21+50.00	1	19
21+70.00	1	5

Station L Phase 2	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+00.00	3	1
10+25.00	8	1
10+50.00	10	2
10+75.00	10	3
11+00.00	8	3
11+25.00	24	3
11+50.00	38	5
11+75.00	32	9
12+00.00	29	7
12+25.00	30	4
12+50.00	38	92
12+73.00	44	145

Station L Phase 2	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
13+00.00	2	0
13+25.00	30	0
13+50.00	48	1
13+75.00	32	7
14+00.00	33	31
14+25.00	69	47
14+50.00	76	47
14+75.00	59	57
15+00.00	113	50
15+25.00	159	32
15+50.00	88	29
15+75.00	17	22
16+00.00	8	10
16+25.00	9	5
16+50.00	8	3

Station L Phase 2	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
18+25.00	0	1
18+50.00	3	1
18+75.00	4	0
19+00.00	3	1
19+25.00	4	8
19+50.00	8	15

Station L Phase 2	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
20+25.00	17	2
20+50.00	19	2
20+75.00	6	1
21+00.00	2	25
21+25.00	2	14
21+50.00	3	0
21+75.00	3	0
22+00.00	2	0

Station L Phase 2	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
22+25.00	2	0

Station Y Phase 1	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+25.00	0	0
10+50.00	39	89
10+75.00	0	83
11+00.00	0	51
11+25.00	0	29
11+50.00	1	9
11+75.00	6	1
11+82.00	1	1

Station L Phase 3	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
12+00.00	56	2
12+25.00	98	10
12+50.00	2	24
12+73.00	0	46

Station L Phase 3	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
13+55.00	1	1
13+60.00	3	1
13+65.00	1	1
13+70.00	1	1
13+75.00	1	1
13+80.00	0	1
13+85.00	0	1
13+90.00	0	1
13+95.00	0	1
14+00.00	0	1
14+25.00	0	4
14+50.00	0	8
14+75.00	0	8
15+00.00	0	6
15+25.00	0	4
15+50.00	0	2
15+75.00	0	1
16+00.00	0	1
16+25.00	0	1
16+50.00	0	1

Station L Phase 3	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
18+50.00	0	0
18+75.00	15	0
19+00.00	48	0
19+25.00	88	0

Station L Phase 3	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
19+50.00	131	0

Station L Phase 3	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
20+25.00	8	0
20+50.00	8	8
20+75.00	3	1
21+00.00	23	0
21+25.00	33	0
21+50.00	18	1
21+75.00	11	8
22+00.00	10	10
22+25.00	9	6
22+35.00	1	1

Station Y Phase 3	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+25.00	0	0
10+50.00	0	9
10+75.00	1	6
11+00.00	6	3
11+25.00	5	1
11+50.00	5	0
11+75.00	5	0
11+80.00	1	0

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

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-4202	X-1

-DETOUR A-
10+01.85

0.0200 0.0600

3:1 2:1 2:1

2945.97 2944.03

10+50.00

0.0300 0.0700

2:1 2:1 2:1

2946.15 2944.22

10+25.00

0.0400 0.0800

2:1 2:1 2:1

2946.26 2944.41

10+00.00

Note: Approximate quantities only. Unclassified Excavation, Borrow Excavation, Fine Grading, Clearing and Grubbing, and Removal of Existing Pavement will be paid for at the contract lump sum price for "Grading."

—4—

04-MAR-2008 11:44
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$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-4202	X-2

-DETOUR A-
10+78.61

S.S. 2946.27

0.0100 0.0300

0.023

4:1 4:1 2:1 3:1 2:1 2:1 2:1

S.S. 2945.54

2943.85 2944.98 2944.28 2943.59

11+25.00

-DETOUR A-
10+54.94

0.0000 0.0400

4:1 3:1 2:1 2:1 2:1

2945.68 2944.54 2943.65 2944.226

11+00.00

-DETOUR A-
10+28.61

0.0100 0.0500

4:1 4:1 3:1 2:1 2:1

2945.94 2944.83 2943.84

10+75.00

—/—

04-MAR-2008 11:44
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$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-4202	X-3

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

2980 2975 2970 2965 2960 2955 2950 2945 2940 2935

-DETOUR A-
11+30.19

0.0200 0.0200 0.002 .08'/'

3:1 2:1 4%/ 2:1 2:1 2:1

2943.38 2946.63 2944.41 2943.20 2943.72

11+75.00

-DETOUR A-
11+03.47

0.0200 0.012 0.0200

4:1 4:1 2:1 3:1 2:1 2:1

2943.66 2945.52 2944.01 2943.58

11+50.00

04-MAR-2008 11:44
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$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-4202	X-4

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

2970 2965 2960 2955 2950 2945 2940 2935

-DETOUR A-
11+88.40

0.0200 0.0200 0.021 0.020

2:1 2:1 2:1 2:1 2:1 2:1 2:1 VAR

2943.27 2945.76 2944.06 2942.90 2943.09 2944.53

12+25.00

-DETOUR A-
11+58.56

0.0200 0.0200 0.010 0.020

2:1 2:1 2:1 2:1 2:1 2:1 2:1

2943.32 2947.03 2944.26 2943.05 2943.4 2944.23

12+00.00

04-MAR-2008 11:44
R:\PROJECTS\B4202_Rdy.xpl.1.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-4202	X-5

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

2960 2955 2950 2945 2940 2935 2930

-DETOUR A-
12+68.41

0.0200 0.0200

2:1 2:1

2941.38

2937.12

13+00.00

0.030

2:1

2942.22

-DETOUR A-
12+43.41

0.0200 0.0200

2943.62

3:1 2:1 2:1

2942.88

0.016 0.023

0.030

5:1

2:1

2942.49

2:1

2946.30

12+75.00

-DETOUR A-
12+18.32

0.0200 0.0200

2:1 2:1

2943.19

2946.17

2943.82

2:1 2:1

2942.96

0.013 0.013

0.031

5:1

2:1

2942.76

2:1

2944.64

12+50.00

04-MAR-2008 11:41
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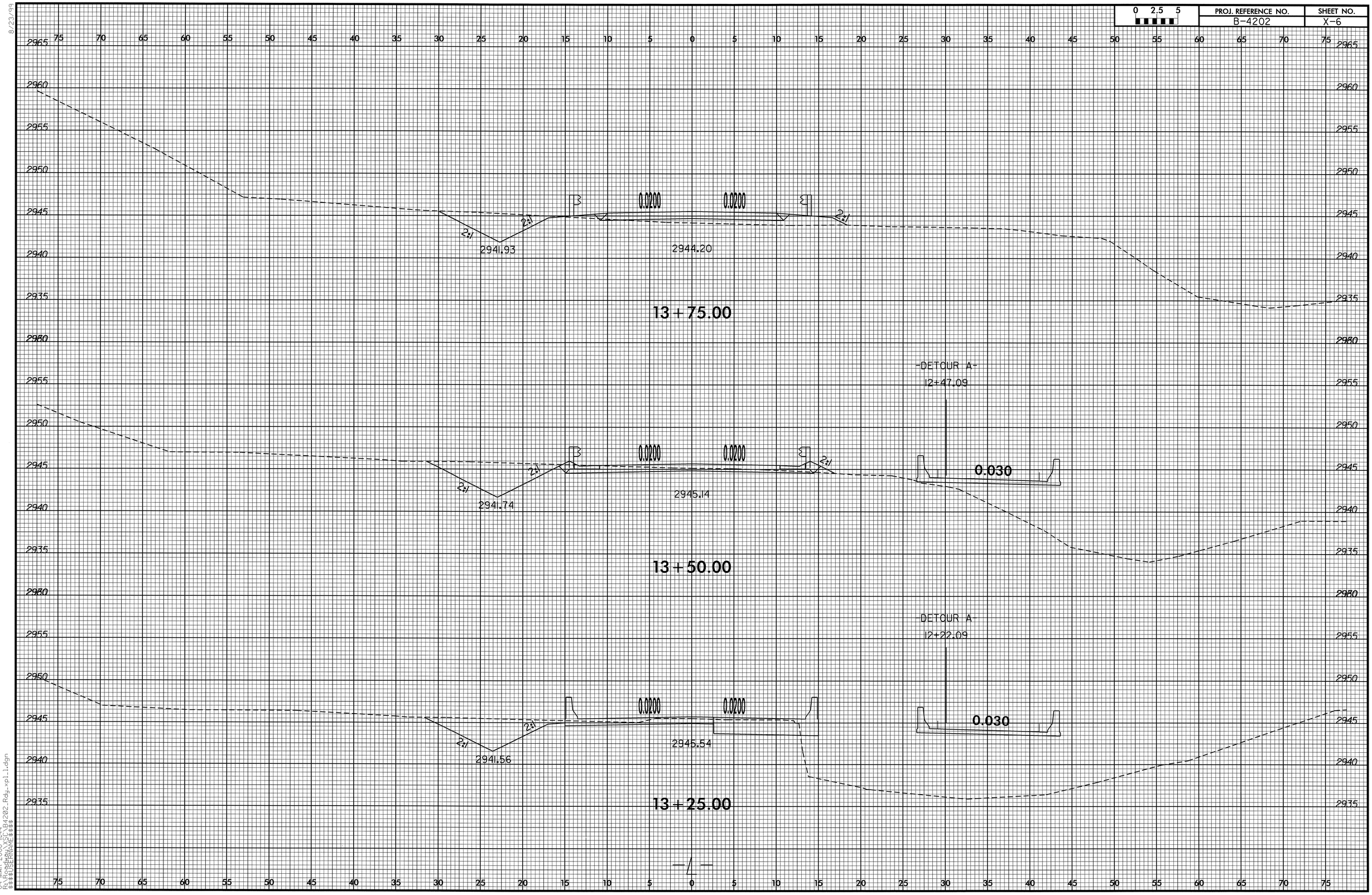

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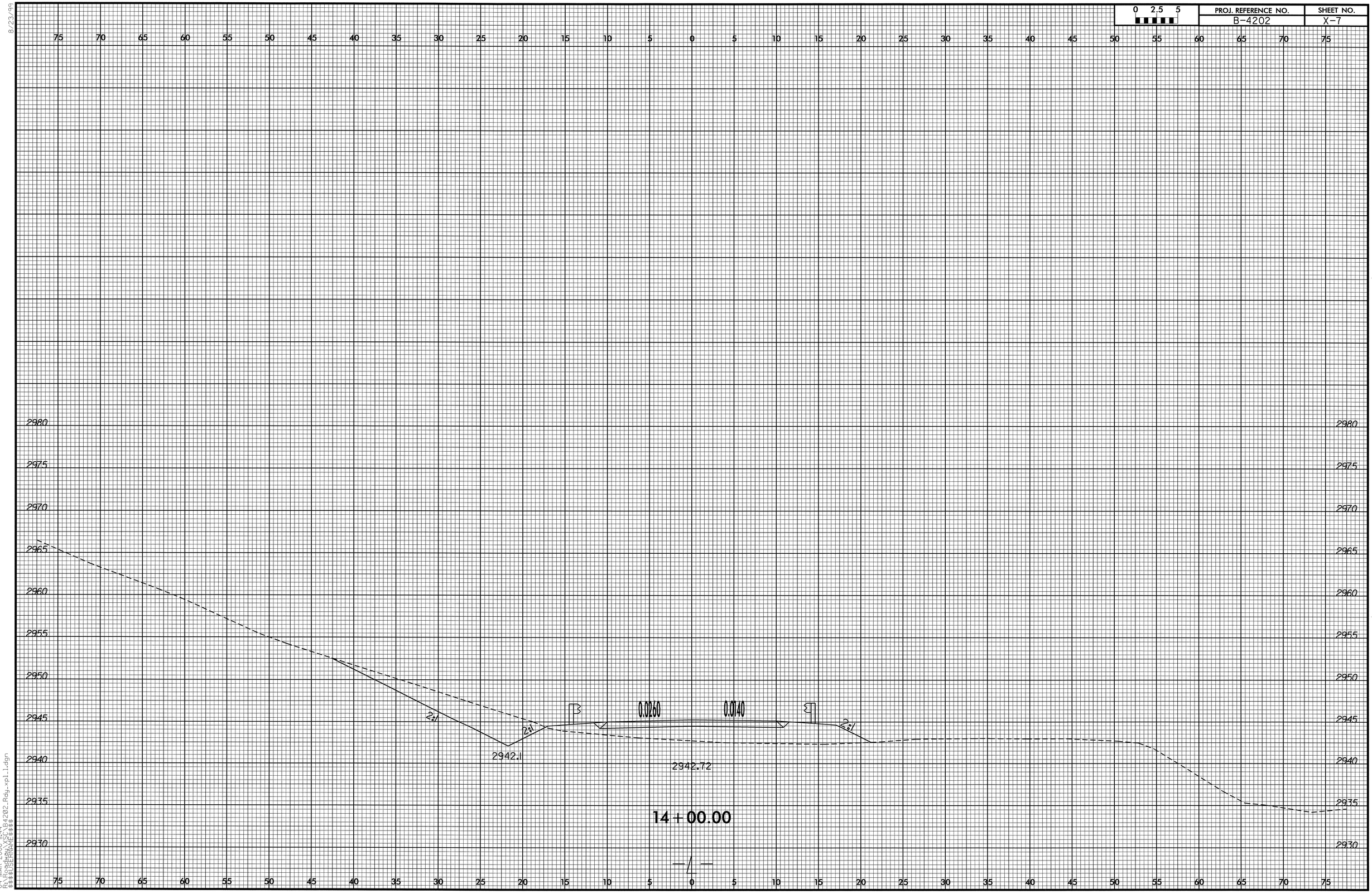

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$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-4202	X-8

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

2975 2970 2965 2960 2955 2950 2945 2940 2935 2930

2:1

3:1

0.0460

0.0060

2942.47

2941.93

14 + 50.00

2:1

2:1

0.0360

0.0040

3:1

2942.29

2942.59

14 + 25.00

04-MAR-2008 11:43
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$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-4202	X-9

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

2965 2960 2955 2950 2945 2940 2935 2930

2:1

0.0660

0.0260

4:1

4:1

2939.87

2940.22

15+00.00

2960 2955 2950 2945 2940 2935 2930

2:1

0.0560

0.0160

4:1

4:1

2940.80

2940.03

14+75.00

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

04-MAR-2008 11:43
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$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-4202	X-10

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

2960
2955
2950
2945
2940
2935
2930

2:1
4:1
0.0880
0.0460
2938.11
2938.02
2938.85

15+50.00

2960
2955
2950
2945
2940
2935
2930

2:1
4:1
0.0760
0.0360
2938.94
2939.75

15+25.00

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

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R:\Projects\B4202\Rdy-xpl1.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-4202	X-11

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

2960
2955
2950
2945
2940
2935
2930

0.1060
0.0660
4:1
4:1
2:1
2939.51
2935.66

16 + 00.00

0.0960
0.0560
4:1
4:1
2:1
2939.56
2935.50

15 + 75.00

04-MAR-2008 11:43
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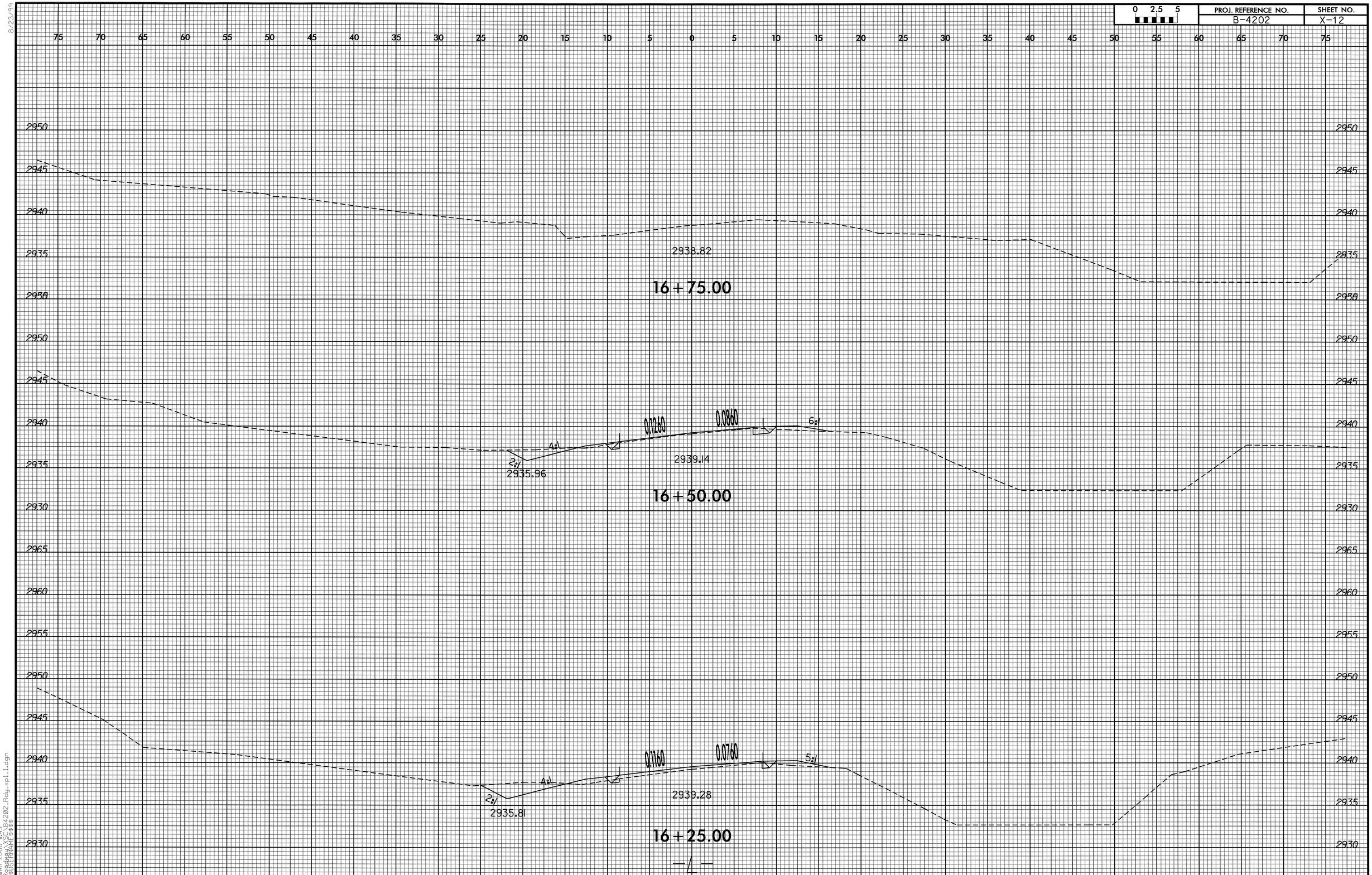

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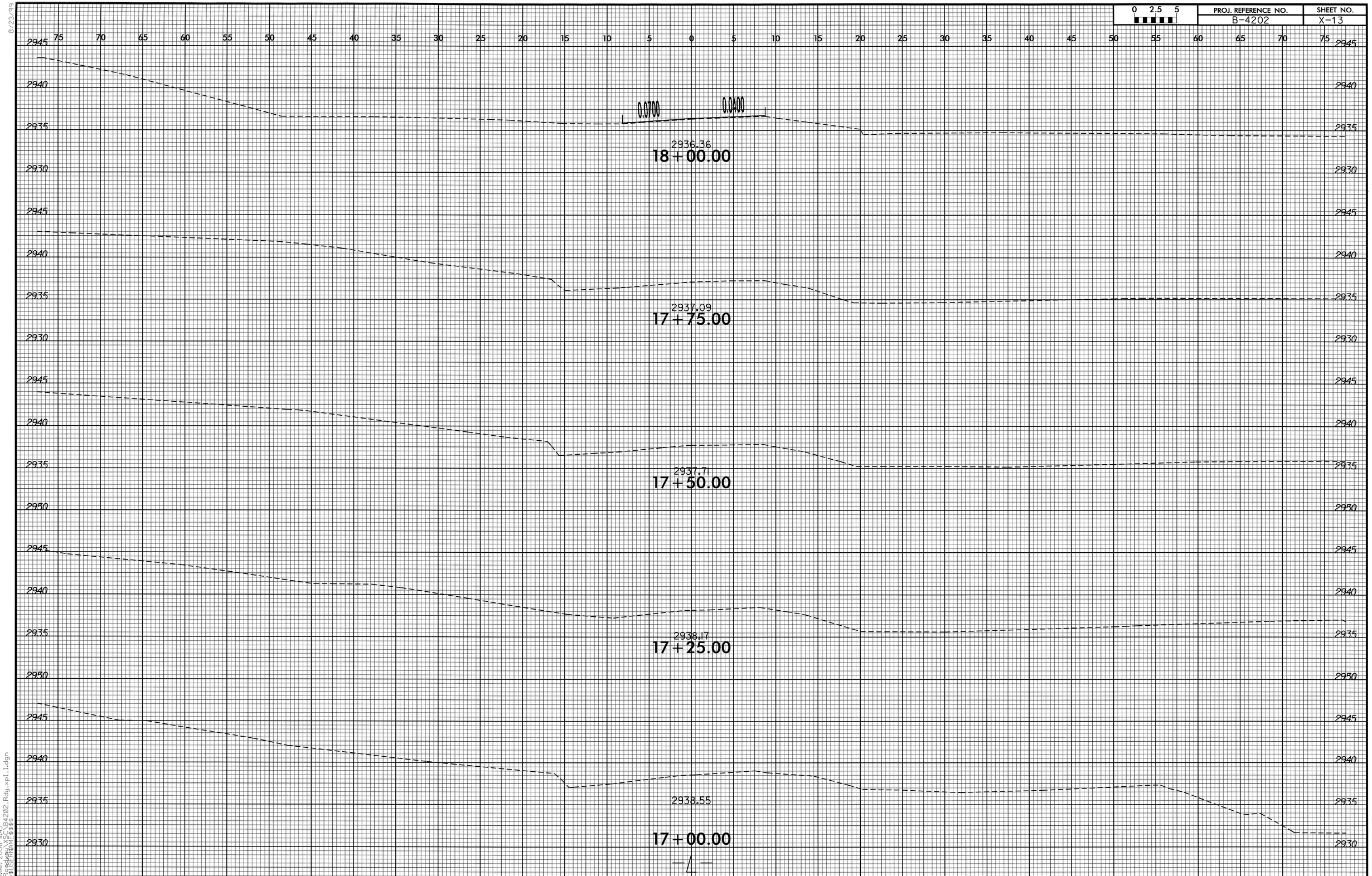

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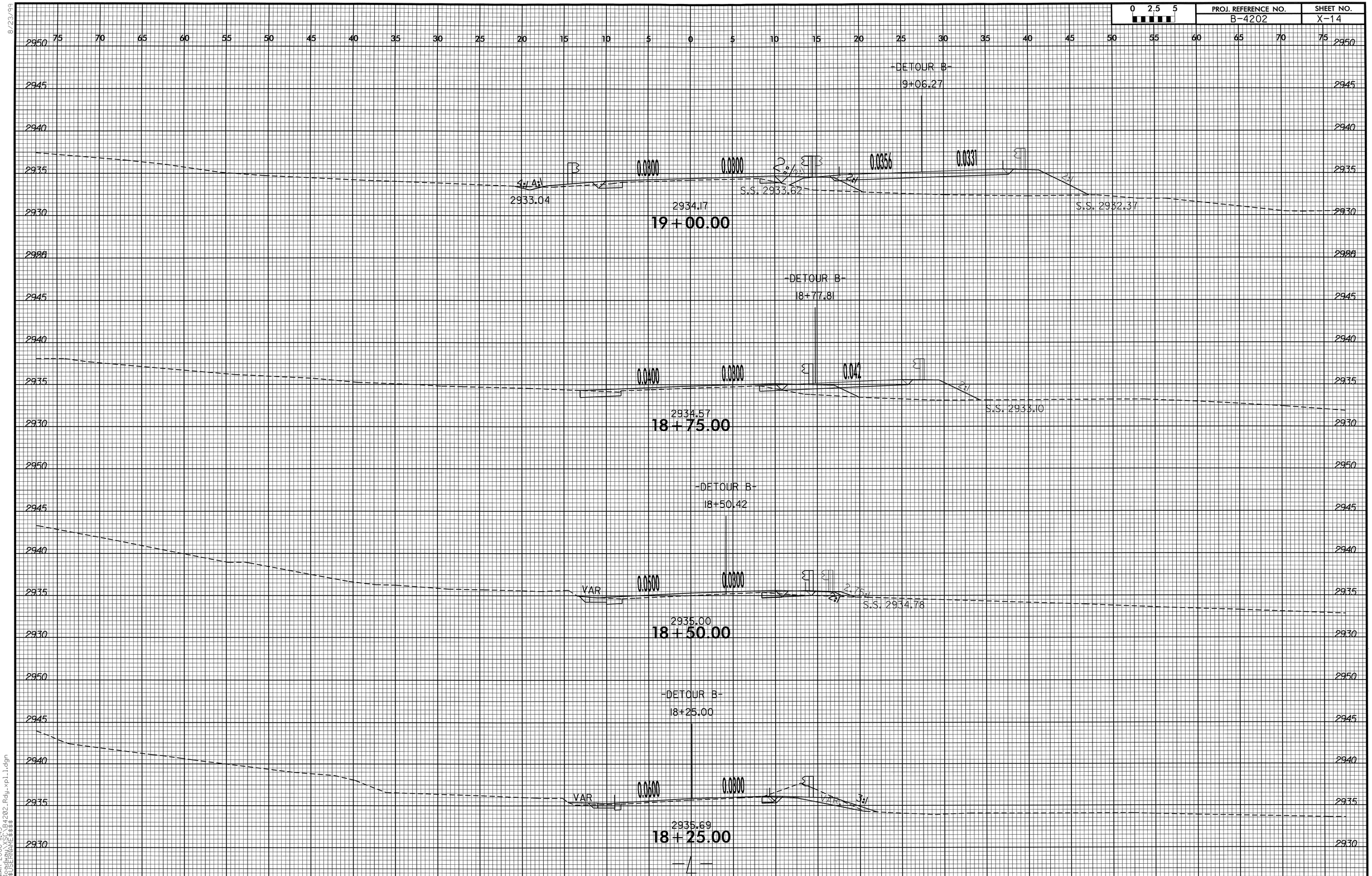

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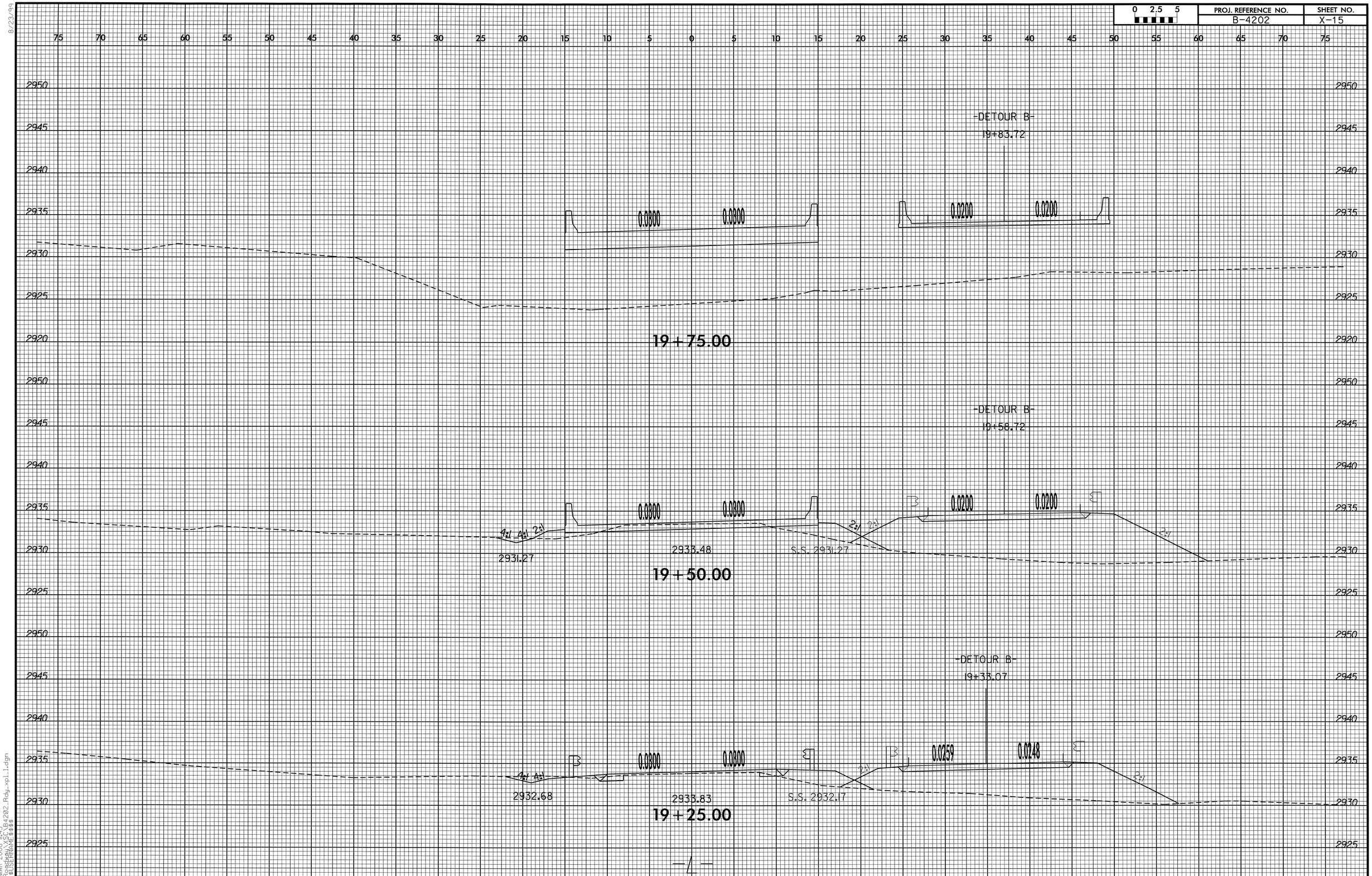

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$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-4202	X-16

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

2950 2945 2940 2935 2930 2925 2920

-DETOUR B-
20+33.72

0.0300 0.0300 0.0200 0.0200

2.4% 2.4% 2.4% 2.4% 2.4% 2.4% 2.4%

S. 2932.17

2932.52

2928.20

2929.80 2929.83

20+25.00

-DETOUR B-
20+08.72

0.0300 0.0300 0.0200 0.0200

2924.50

20+00.00

04-MAR-2008 11:43
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8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-4202	X-17

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

2950 2945 2940 2935 2930 2925

-DETOUR B-
21+15.09

0.0800 0.0100 0.0431 0.0454

2% 4:1 3:1 2%

S.S. 2929.54

2931.25

2926.5

21+00.00

-DETOUR B-
20+87.28

0.0800 0.0200 0.0429 0.0393

2% 2%

S.S. 2930.41

20+75.00

-DETOUR B-
20+59.53

0.0800 0.0800 0.0270 0.0247

S.S. 2931.73

2% 2% 2% 2%

2928.70 2932.18 2930.35

20+50.00

04-MAR-2008 11:43
R:\Roadway\Projects\B4202_Rdy_xpl1.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-4202	X-18

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

2935 2930 2925 2920

VAR 0.0100 0.0400 3:1 2:1

2928.78

2925.52

22+25.00

VAR 0.0000 0.0300 3:1 2:1

2929.14

2925.78

22+00.00

2:1 0.0100 0.0200 3:1 2:1

2929.55

2926.05

21+75.00

-DETOUR B-

21+68.09

VAR 0.0200 0.0100 3:1 2:1

2930.09

2926.80

21+50.00

-DETOUR B-

21+42.05

0.0300 0.0000 3:1 2:1 S.S. 2928.35

2930.71

2927.68

21+25.00

04-MAR-2008 11:43
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$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-4202	X-19

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

2930

2925

2920

2928.46

2925.26

22+50.00

2930

2925

2920

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

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R:\Roadway\B4202_Rdy_xpl1.dgn
$$$$USERNAME$$$$

8/23/99

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	B-4202	X-20

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

2940 2935 2930 2925 2920

0.0095 0.0095

3:1

2:1

2928.33

2930.12

10+75.00

0.0005 0.0005

VAR.

3:1

2:1

2926.29

2929.68

10+50.00

VAR.

2:1

3:1

2924.25

2930.31

10+25.00

2931.84

10+00.00

—Y—

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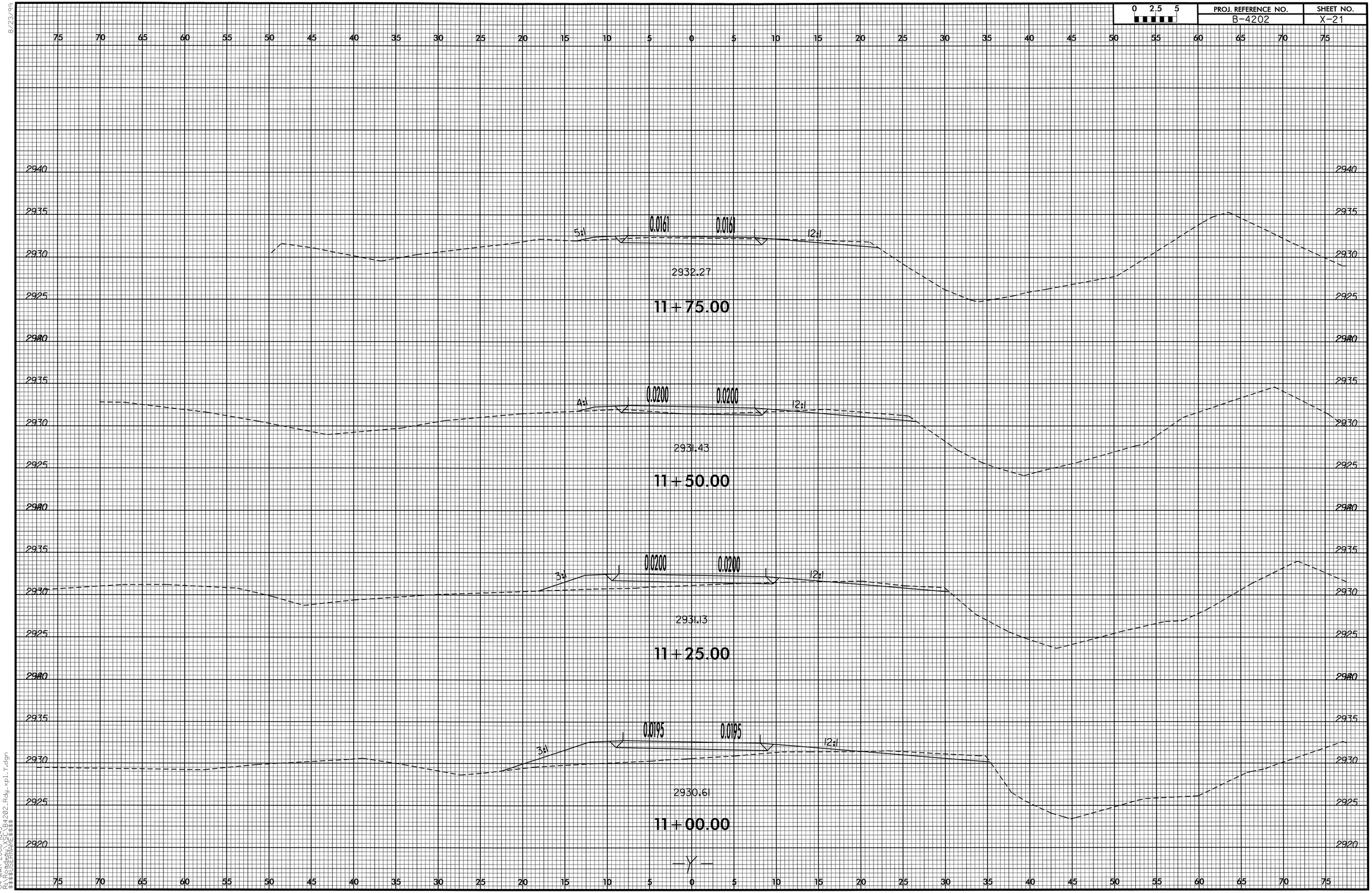
$$$$USERNAME$$$$



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