MS16320,R11/2012,R:\Roadway\Plots\Submittal\SUBMITTAL 1-11-12\bc_ew_volumes_1-11-12.xls

PROJ. REFERENCE NO.	SHEET NO.
B-3480	X-0

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

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

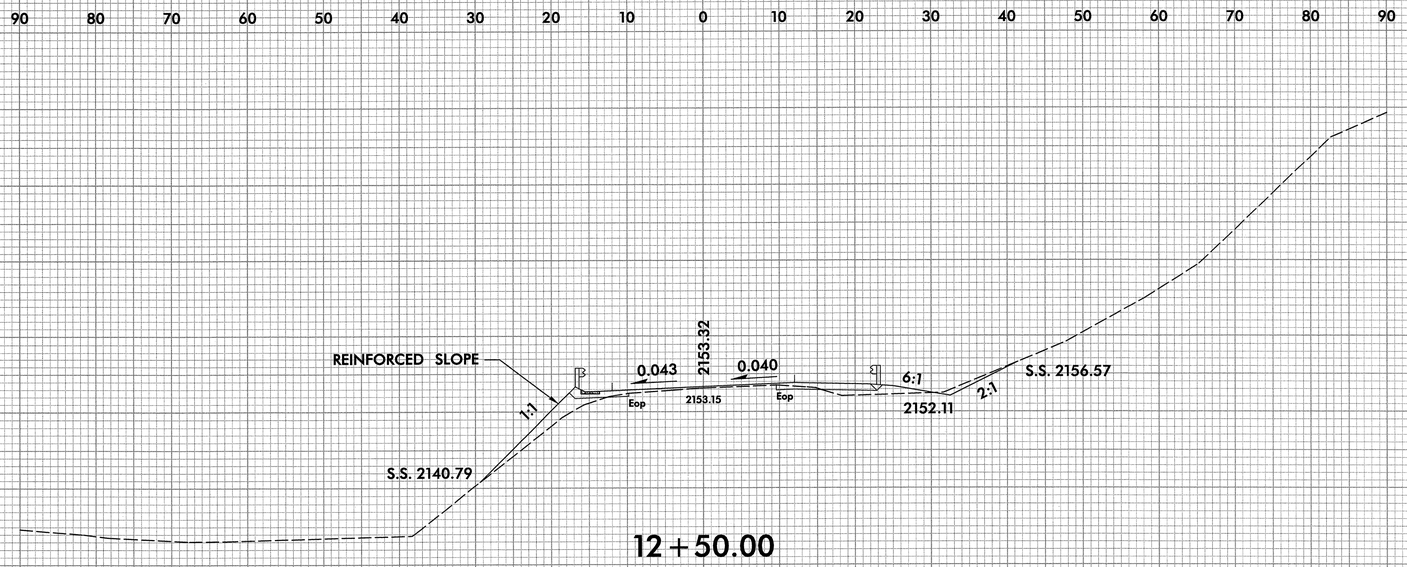
Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
11+50.00	0	0
12+00.00	12	68
12+50.00	18	40
13+00.00	25	65
13+50.00	660	41
14+00.00	1136	7
14+50.00	587	126
15+00.00	98	322
15+50.00	5	575
16+00.00	0	809
16+50.00	0	883
16+88.00	0	681
17+06.00	0	216

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
18+86.00	0	0
19+00.00	8	168
19+50.00	12	865
20+00.00	13	468
20+50.00	11	86
20+79.75	6	42
21+00.00	3	48
21+50.00	4	173
22+00.00	6	232
22+50.00	11	240
23+00.00	22	193
23+50.00	24	150
24+00.00	18	143
24+89.00	18	112

Station Y	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+18.21	0	0
11+00.00	5	30
11+50.00	6	71
12+00.00	24	129
12+50.00	42	159
13+00.00	25	172
13+50.00	2	162
14+00.00	2	110
14+50.00	5	49

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-3480	X-1



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

1/10/2012
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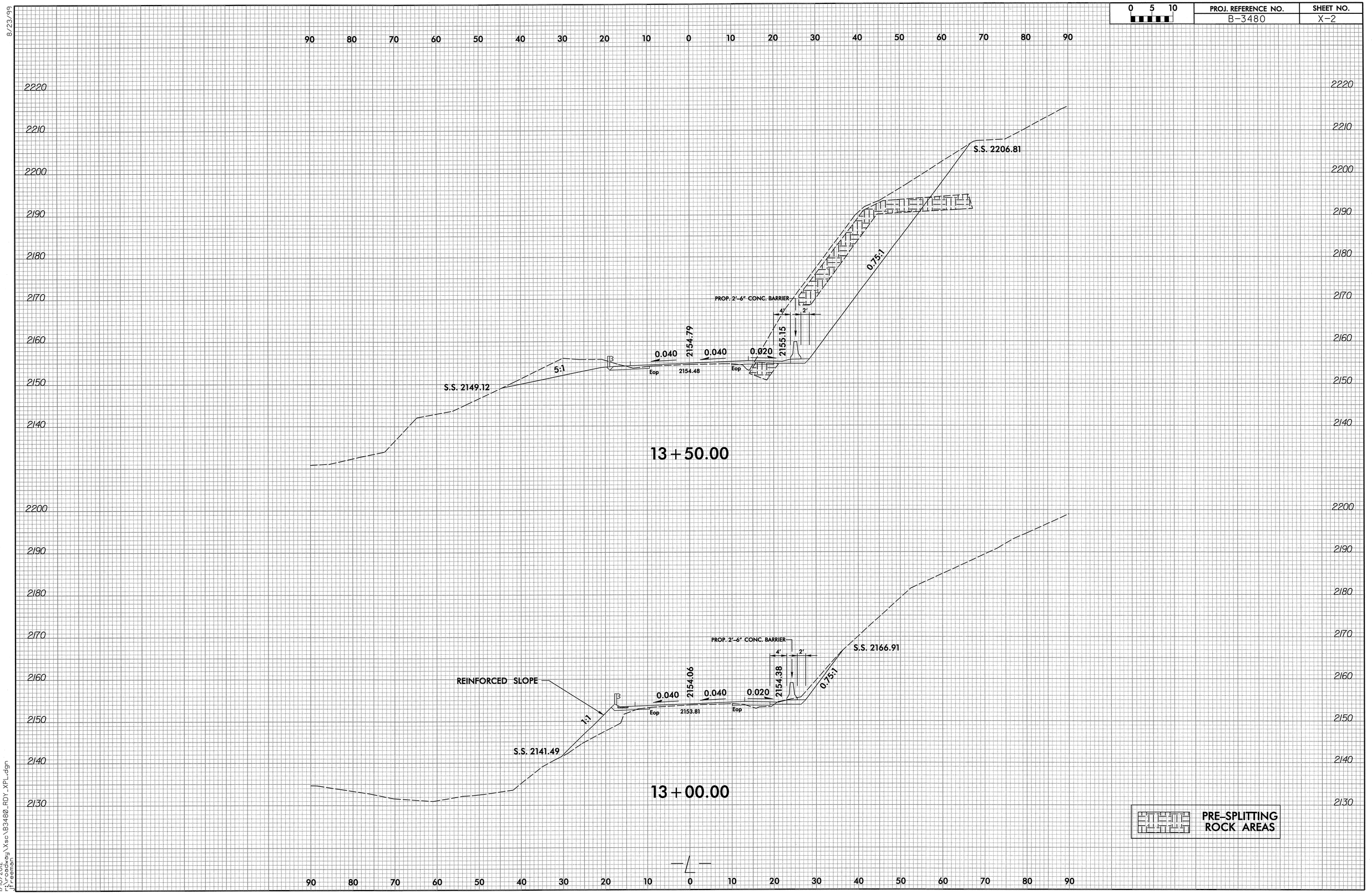
jfreeman

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-3480	X-2



PRE-SPLITTING ROCK AREAS

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jfreeman

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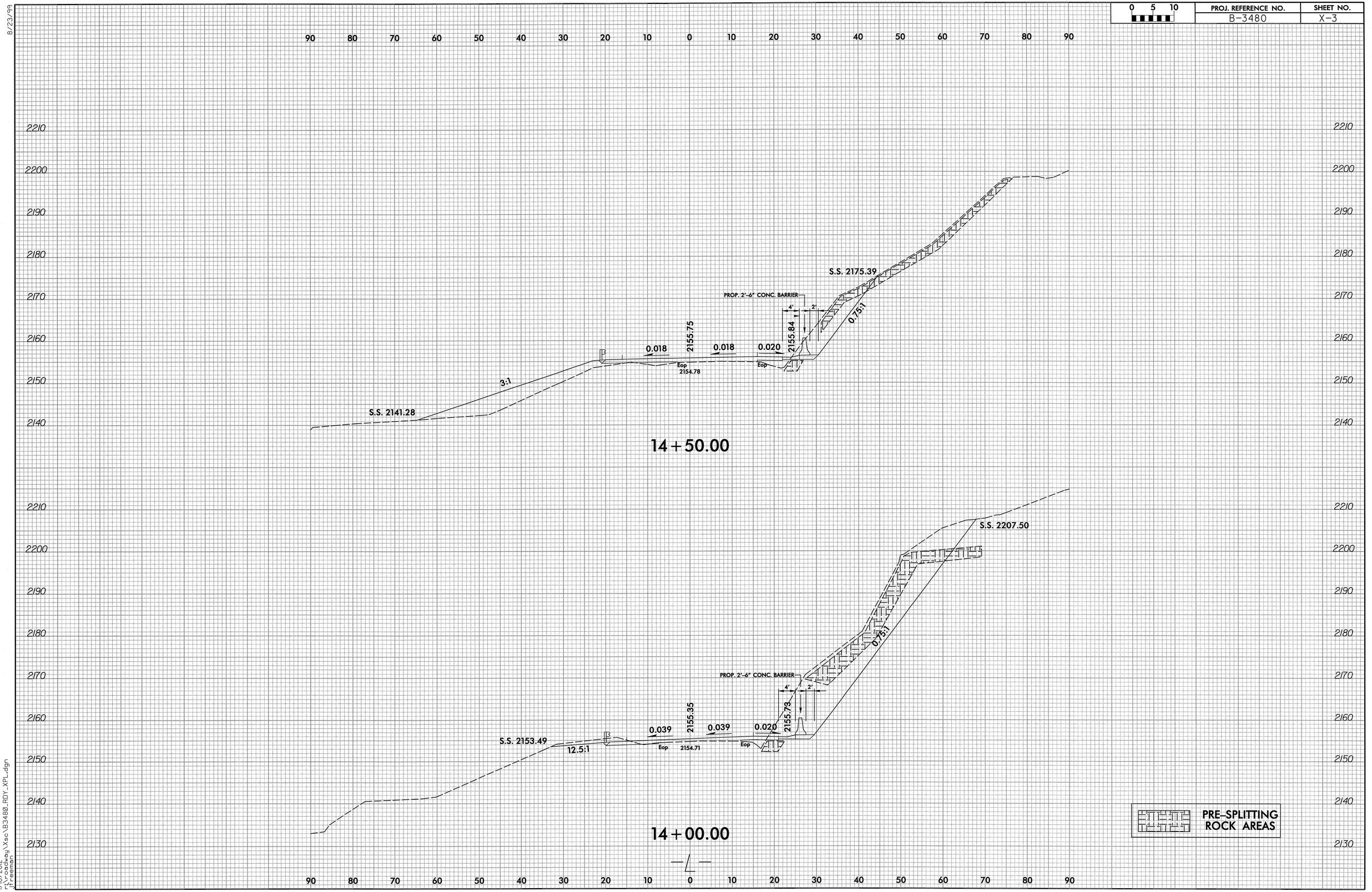
	B-3480	X-3



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jfreeman

8/23/99

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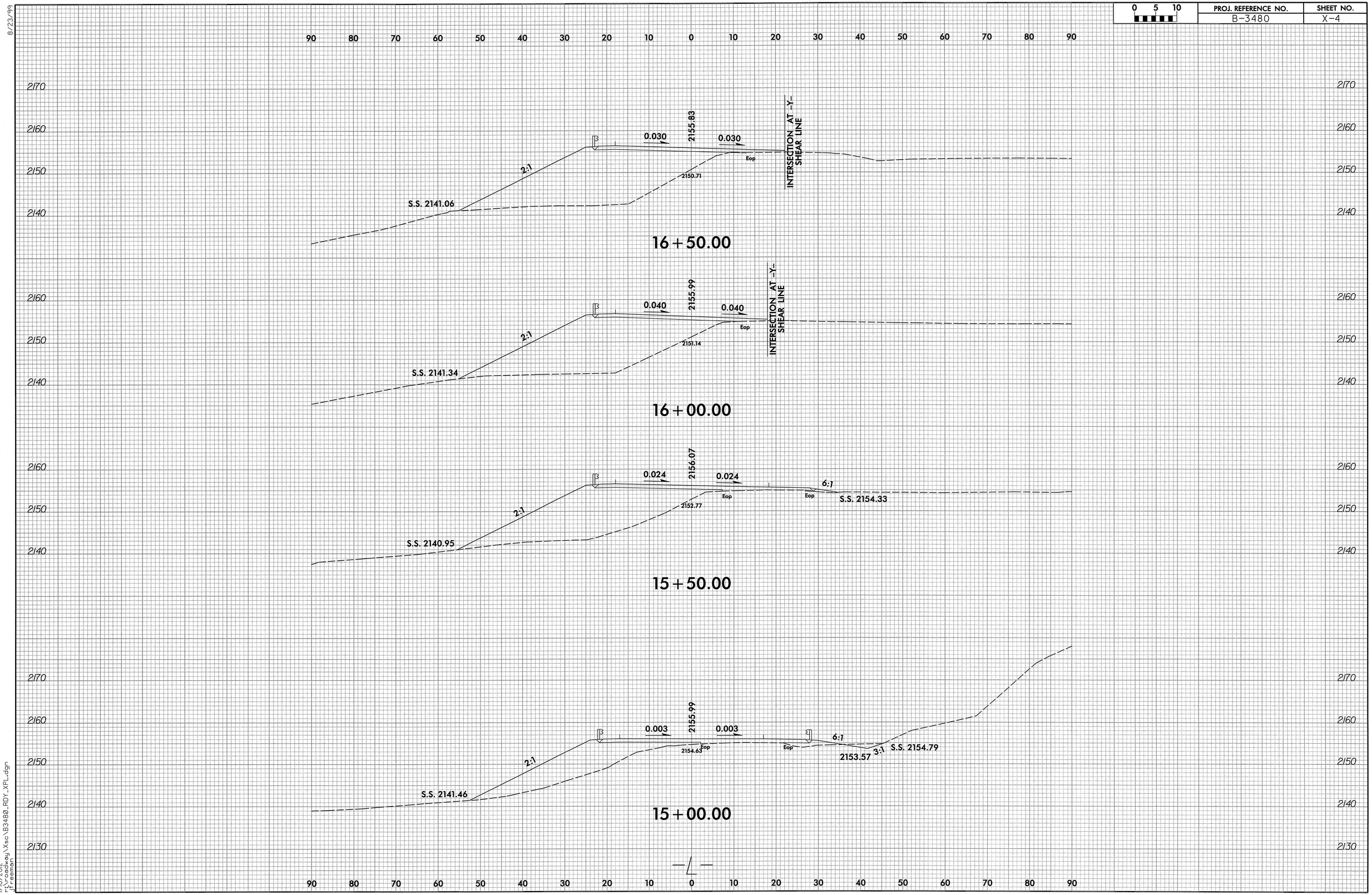
	B-3480	X-4



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jfreeman

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-3480	X-5

90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90

2170 2160 2150 2140 2130

END BRIDGE STA. 18+86.00

BRIDGE

2155.18

0.020 0.020

2138.84

18+50.00

BRIDGE

2155.34

0.020 0.020

2130.66

18+00.00

BRIDGE

2155.50

0.020 0.020

2135.56

17+50.00

BEGIN BRIDGE STA. 17+06.00

2155.67

0.020 0.020 0.020

2:1 3:1

S.S. 2151.22

2149.73

S.S. 2142.39

17+00.00

90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90

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rfreeman

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-3480	X-6

90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90

2160 2150

2155.50
3:1 0.040 0.040 4:1
2155.02
S.S. 2150.50
21+50.00
S.S. 2150.16

2155.20
3:1 0.040 0.040 3:1
2154.73
S.S. 2150.86
21+00.00
S.S. 2151.25

DRIVEWAY
2155.06
0.040 0.040 0.040 2:1
15%
2154.59
S.S. 2149.47
20+79.75
S.S. 2154.51

2154.90
DRIVEWAY
3:1 0.040 0.040
2154.56
S.S. 2151.42
20+50.00

2154.78 2155.071
3:1 0.020 0.020 0.02
2154.29
S.S. 2146.25
20+00.00
S.S. 2155.26

2154.85 2154.724
0.001 0.001 0.02 3:1
2:1
2151.44
S.S. 2138.66
19+50.00
S.S. 2154.69

2155.02 2154.512
0.020 0.020 0.02 3:1
Eop Eop
2:1
2149.16
S.S. 2140.09
19+00.00
S.S. 2154.36

2140

90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90

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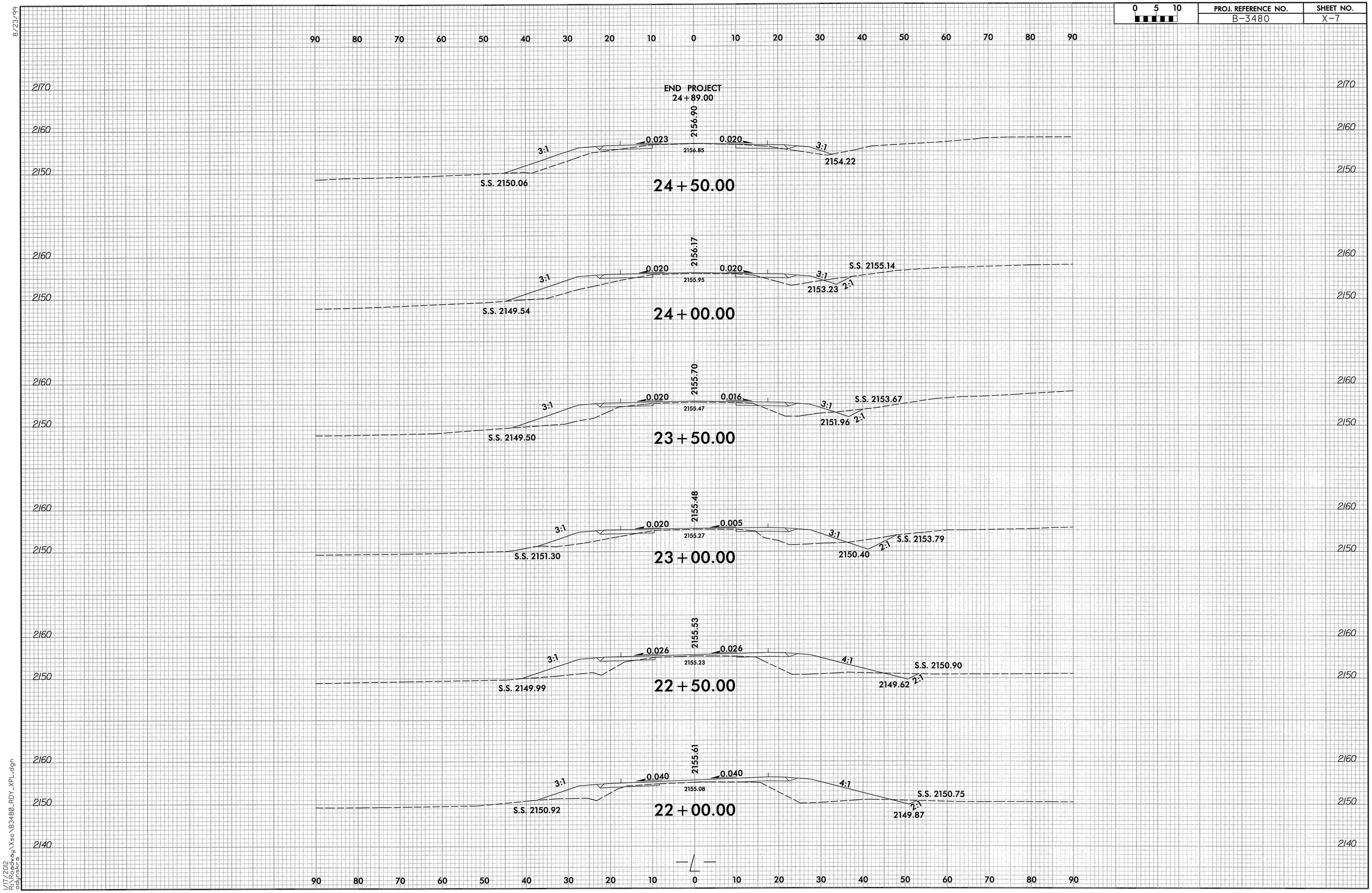
jfreeman

PROJ. REFERENCE NO.	SHEET NO.
B-3480	X-7



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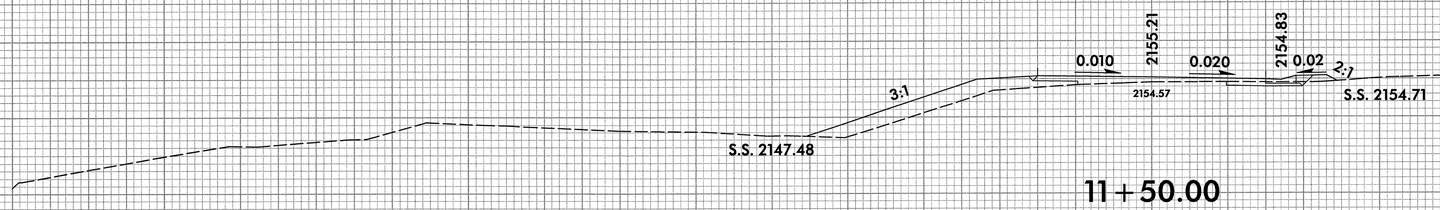
odynskra

8/23/99

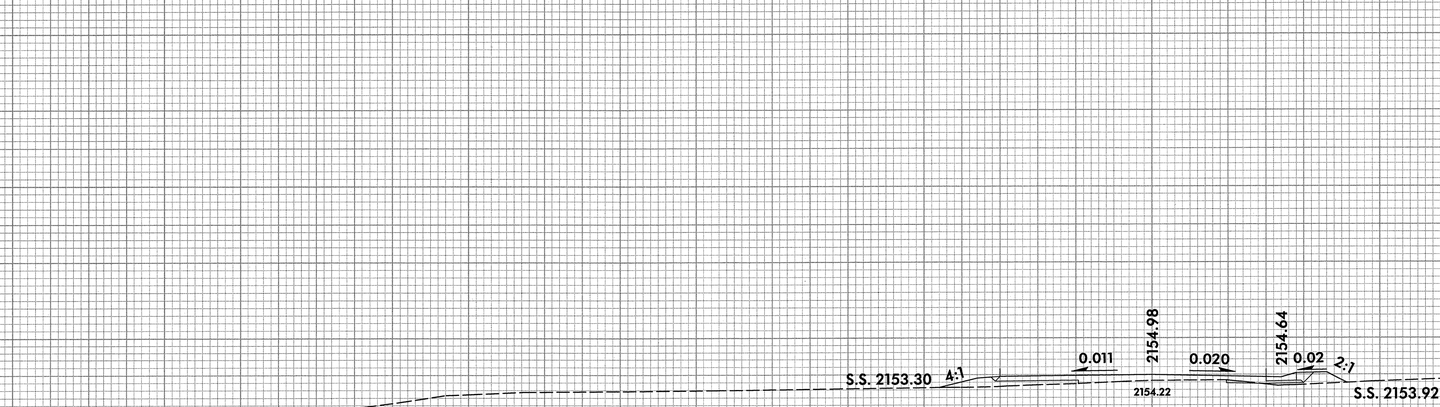
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-3480	X-8

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

2210 2200 2190 2180 2170 2160 2150 2140



11+50.00



11+00.00

—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

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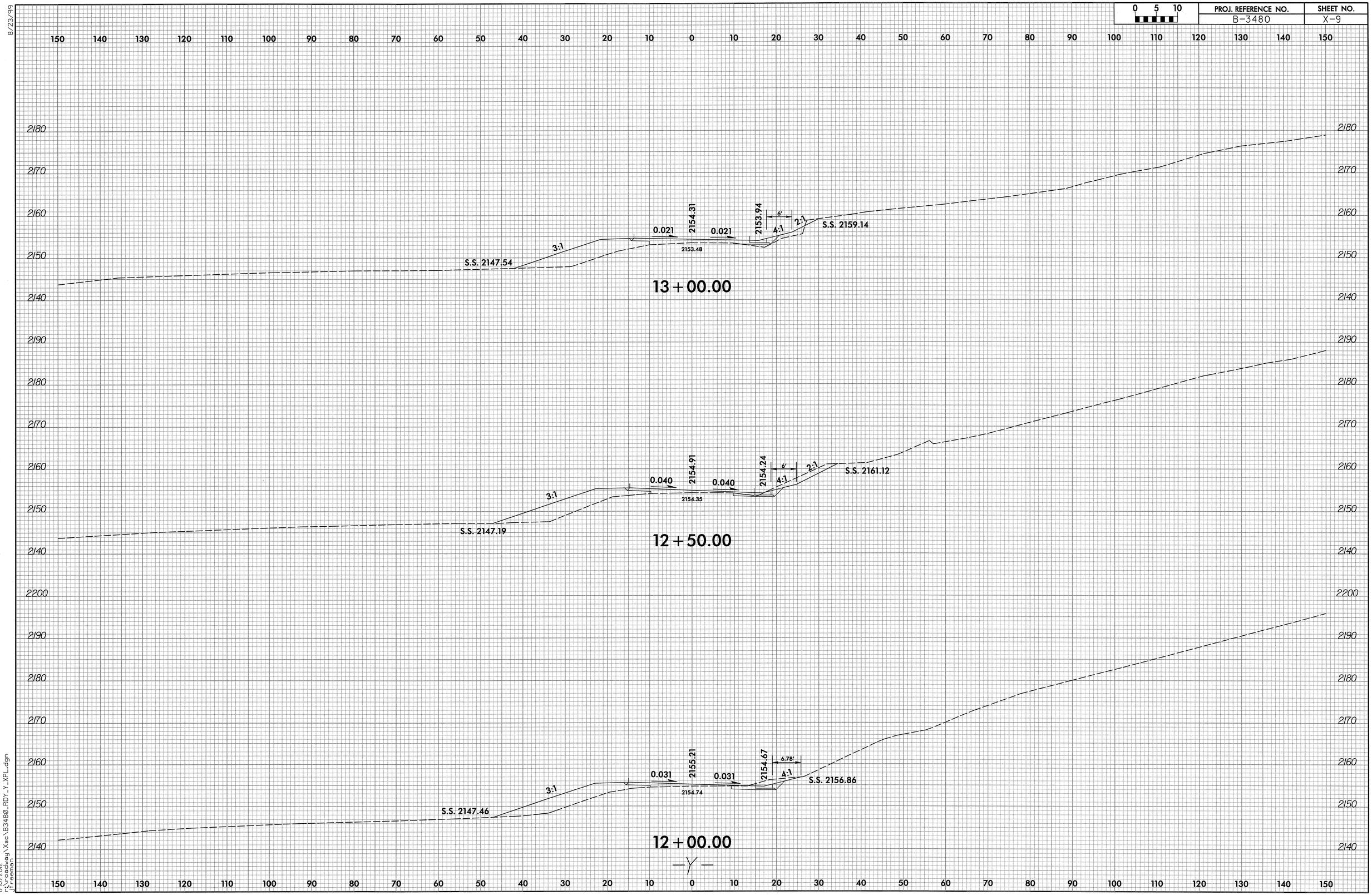
jr-eman

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-3480	X-9



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jr_eaman

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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-3480	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

2180 2170 2160 2150 2140

S.S. 2147.68 2:1 2151.13 0.020 0.019 2150.89 5.70' 4:1 S.S. 2152.85
2150.96

14+50.00

S.S. 2147.79 2:1 2152.28 0.020 0.020 2152.01 12.52' 4.44:1 S.S. 2155.38
2151.70

14+00.00

S.S. 2147.99 2:1 2153.42 0.001 0.020 2153.13 14.06' 4.2:1 S.S. 2156.98
2152.47

13+50.00

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

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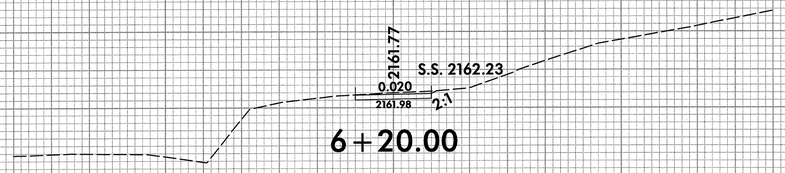
8/23/99

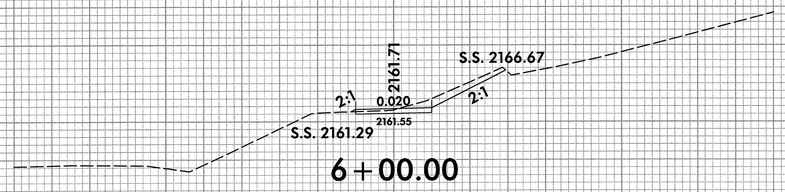
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-3480	X-11

90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90

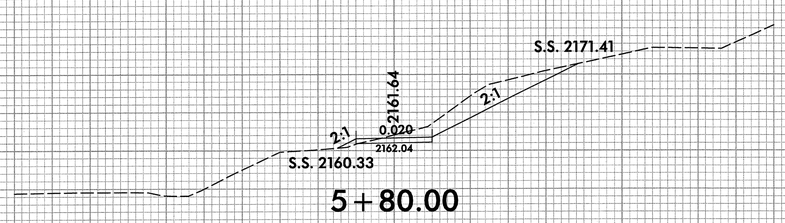
2180
2170
2160



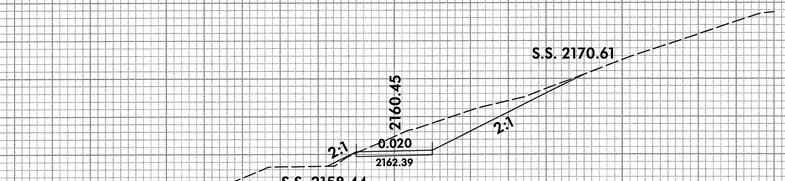
6+20.00



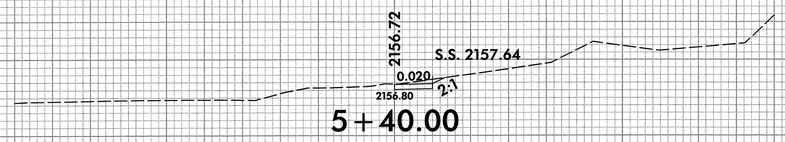
6+00.00



5+80.00



5+60.00



5+40.00

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2150

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