PROJ. REFERENCE NO.	SHEET NO.
B-2965	X-1

NOTE: Approximate quantities only. Unclassified excavation, Fine Grading, Clearing and Grubbing, Breaking of Existing Pavement and Removal of Existing Pavement will be paid for at the contract Lump Sum price for "Grading".

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

CROSS-SECTION SUMMARY

IN CUBIC YARDS

NOTE: Earthwork quantities are calculated by the Roadway Design Unit. These earthwork quantities are based in part on subsurface data provided by the Geotechnical Engineering Unit.

NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT.

LOCATION	UNCLASSIFIED EXCAVATION	EMBANKMENT
-L-		
11+50	0	0
12+00	11	4
12+50	14	4
13+00	19	3
13+50	17	24
14+00	11	75
14+50	8	110
15+00	6	110
15+50	4	119
16+00	5	115
16+50	7	193
17+00	11	174
17+50	16	55
18+00	14	59
18+50	13	54
19+00	13	40
19+50	11	40
20+00	12	42
20+50	13	48
21+00	15	66
21+50	13	69
22+00	10	70
22+50	14	69
23+00	17	43
23+50	21	27
24+00	23	25
24+50	41	32
25+00	32	18
25+50	30	13
26+00	37	41
26+50	14	85
27+00	9	177
27+50	3	324
28+00	1	351
28+50	1	303
29+00	4	244
29+50	7	194

LOCATION	UNCLASSIFIED EXCAVATION	EMBANKMENT
-L-		
30+00	12	140
30+50	9	78
31+00	1	112
31+50	0	139
32+00	0	199
32+50	0	309
33+00	0	423
33+50	4	477
34+00	4	538
35+50	0	622
35+00	0	635
35+50	0	688
36+00	0	769
36+50	7	586
37+00	7	2169
42+50	64	170
44+50	12	25
45+00	12	24
45+50	12	20
46+00	6	9
-R-		
10+00	0	0
10+25	21	51
10+50	6	52
10+75	1	55
11+00	0	62
11+25	0	70
11+50	3	80
11+75	3	94
12+00	0	78
12+25	2	59
12+50	20	60

LOCATION	UNCLASSIFIED EXCAVATION	EMBANKMENT
-Y1-		
11+00	4	0
11+50	17	0
12+00	18	0
12+50	20	8
13+00	18	26
13+50	13	44
14+00	7	60
14+50	3	80
15+00	4	95
15+50	4	137
-Y2-		
11+00	3	38
11+50	3	63
12+00	2	67
12+50	8	46
13+00	20	31
13+50	0	0
14+00	6	1
14+50	18	0
15+00	19	0
15+50	19	0
-Y3-		
11+50	0	0
12+00	67	5
12+50	114	10
13+00	85	7
13+50	62	3
14+00	25	32
14+50	32	42

LOCATION	UNCLASSIFIED EXCAVATION	EMBANKMENT
-Y4-		
10+50	24	16
11+00	73	14
11+50	163	1
12+00	202	0
12+50	173	2
13+00	161	5
13+50	117	13
14+00	59	19
14+50	23	44
15+00	11	69
15+50	15	66
16+00	10	75
16+50	6	68
17+00	5	39
17+50	9	24
18+00	16	12
-Y5-		
10+50	7	15
11+00	28	14
11+50	22	2
-Y6-		
10+50	27	3
11+00	22	3
-Y7-		
11+50	0	0
12+00	8	0
12+50	12	16
-Y8-		
10+50	5	4
11+00	4	3

$TIME$
$DATE$
$FILE$

8/23/99

PROJ. REFERENCE NO.	SHEET NO.
B-2965	X-2

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

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-2965	X-3

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

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-2965	X-4

8/23/99

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

8/23/99

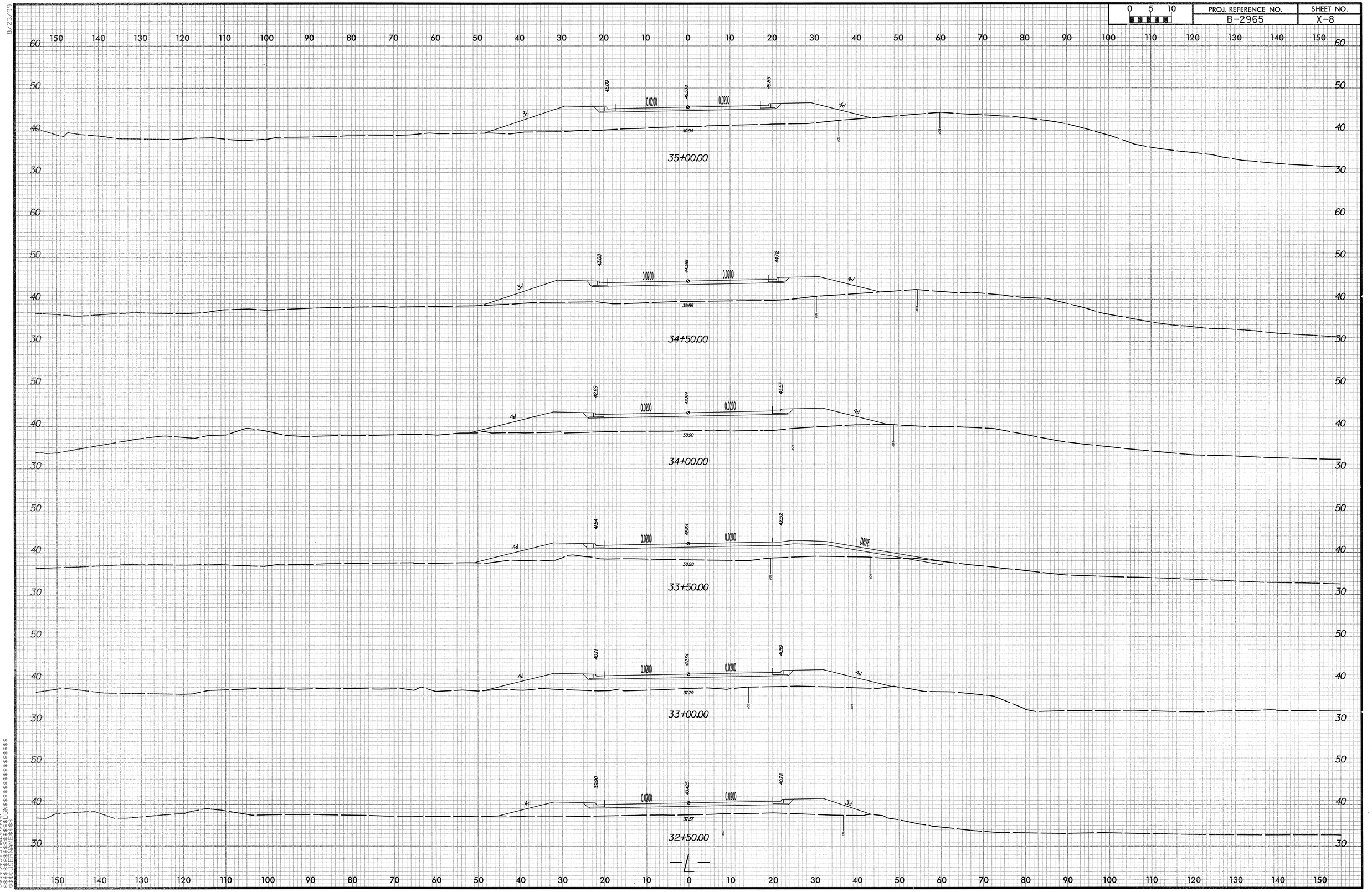
PROJ. REFERENCE NO.	SHEET NO.
B-2965	X-5

0 5 10

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

PROJ. REFERENCE NO.
B-2965
SHEET NO.
X-6
0 5 10
UNDERCUT EXCAVATION
29+00.00
28+50.00
28+00.00
27+50.00
27+00.00
26+50.00
END UNDERCUT AT STA.28+75.00 LT
END UNDERCUT AT STA.28+90.00 RT
BEGIN UNDERCUT AT STA.27+10.00 RT
BEGIN UNDERCUT AT STA.26+65.00 LT
1.5:1
3:1
0.0200
0.0168
0.0076
37.60
38.18
38.48
37.90
37.73
38.253
38.54
37.89
37.88
38.404
38.16
38.02
38.545
37.96
38.10
38.620
38.03
38.12
38.09
DRIVE
EOP
-L-
8/23/99
$$$$$$SYSTIME$$$$$
$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

PROJ. REFERENCE NO.	SHEET NO.
B-2965	X-7



0 5 10
PROJ. REFERENCE NO.
B-2965
SHEET NO.
X-8
35+00.00
34+50.00
34+00.00
33+50.00
33+00.00
32+50.00
0.0200
3:1
4:1
DRIVE

8/23/99

PROJ. REFERENCE NO.	SHEET NO.
B-2965	X-9

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

PROJ. REFERENCE NO.	SHEET NO.
B-2965	X-10

8/23/99
$$$$$$SYSTIME$$$$$
$$$$$$$$$DGN$$$$$$$$$$$$$$$$$
$$$$$$USERNAME$$$$

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-2965	X-11

8/23/99

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

8/23/99
0 5 10
PROJ. REFERENCE NO.
B-2965
SHEET NO.
X-12
UNDERCUT EXCAVATION
UNSUITABLE UNCLASSIFIED EXCAVATION
49.414
48.47
EOP
43+50.00
48.615
47.92
43+00.00
END UNSUITABLE UNCLASSIFIED EXCAVATION STA.42+97.00
BEGIN UNSUITABLE UNCLASSIFIED EXCAVATION STA 42+10.00
SP 1 SP 2
48.65
49.144
48.64
3:1
0.0195
0.0195
4:1
48.72
42+50.00
END UNDERCUT EXCAVATION STA.42+97.00
BEGIN UNDERCUT EXCAVATION STA 42+10.00
END BRIDGE -L- STA. 42+09.00
50.367
0.0200
0.0200
46.83
42+00.00
51.412
0.0200
0.0200
27.84
41+50.00
52.222
0.0200
0.0200
26.69
41+00.00
-L-
$$$$$$SYSTIME$$$$$$
$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

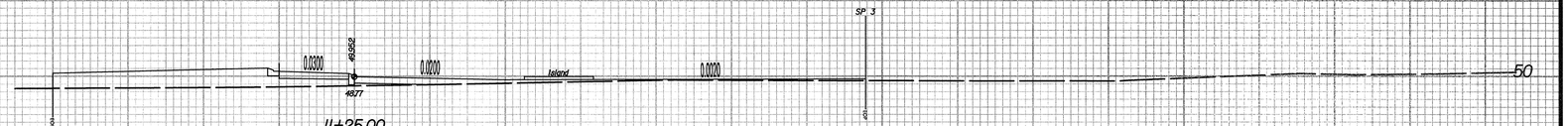
8/23/99

PROJ. REFERENCE NO.	SHEET NO.
B-2965	X-13

8/23/99

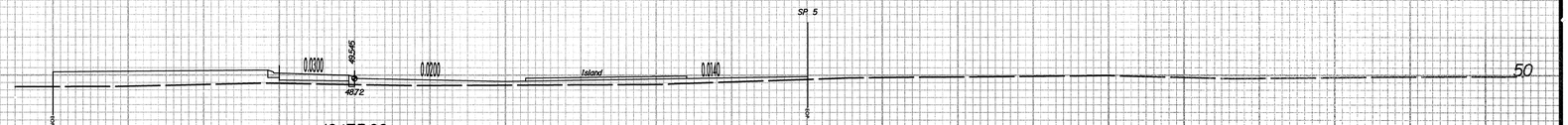
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-2965	X-14

11+25.00

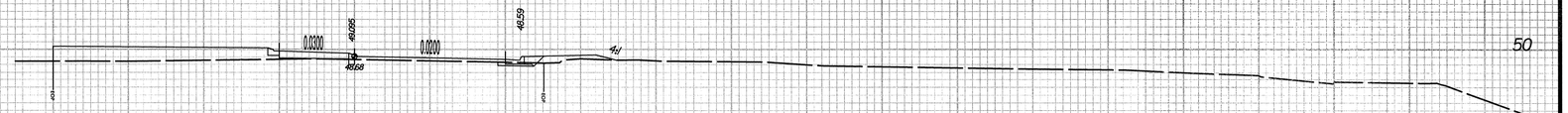


11+00.00

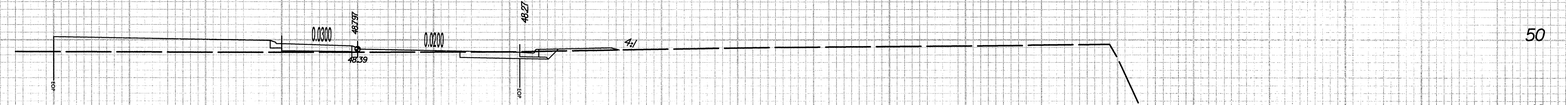
10+75.00



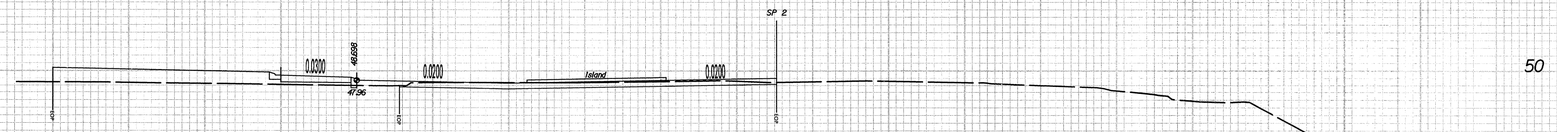
10+50.00



10+25.00



10+00.00



—R—

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

PROJ. REFERENCE NO.	SHEET NO.
B-2965	X-15

8/23/99

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

PROJ. REFERENCE NO.	SHEET NO.
B-2965	X-16

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-2965	X-17

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

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-2965	X-18

8/23/99

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

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-2965	X-19

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

40
50
40
50
40
50
40
50
40
50
40
50
40
50
40
30

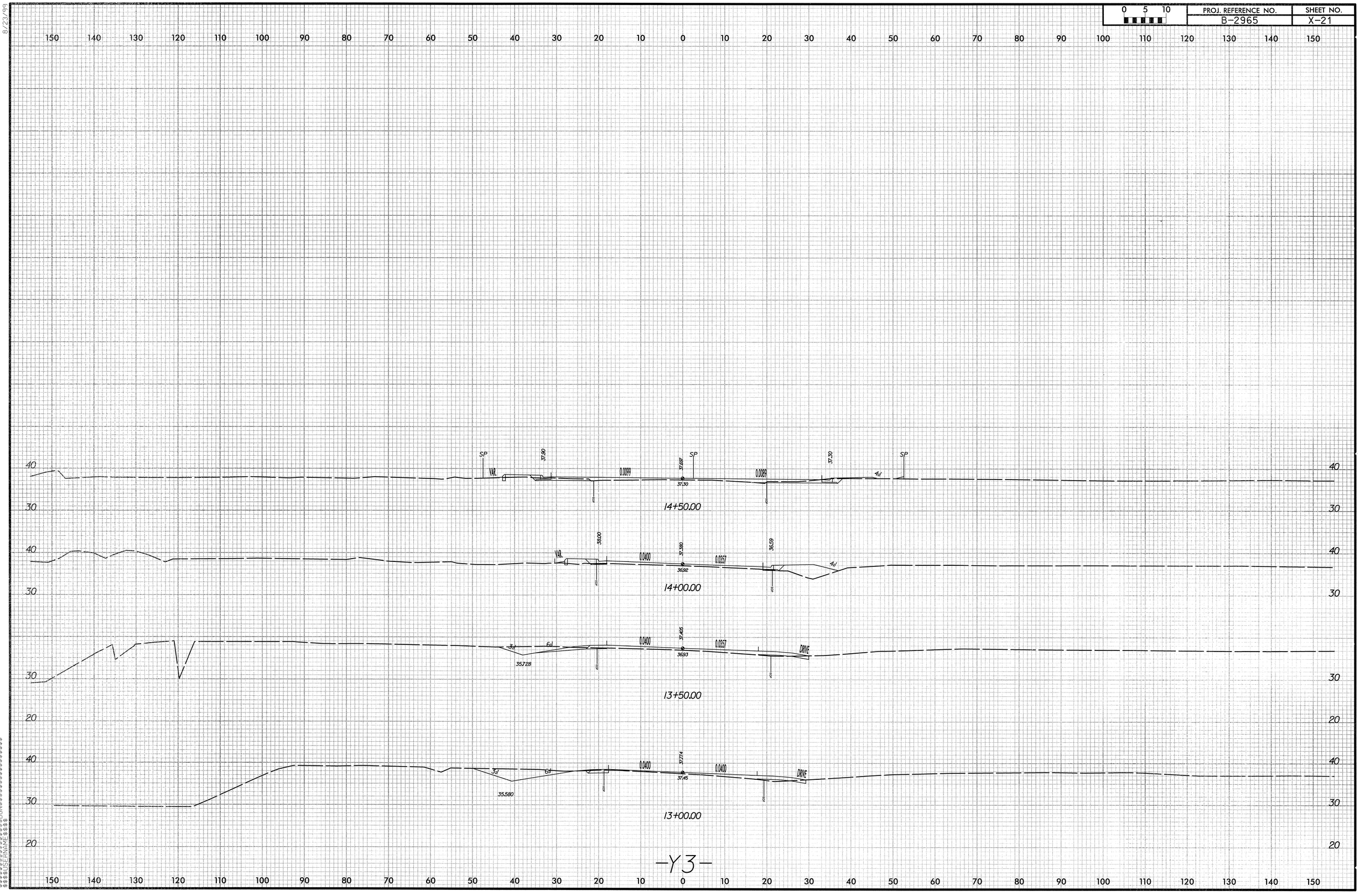
4708
16+50.00
4712
16+00.00
4778
15+50.00
4855
15+00.00
4925
14+50.00
5041
14+00.00
5105
13+50.00
5070 5109 5244 5109 5070
VAR. 0.0200 0.0200 VAR.
5122
13+00.00
5077 5272 5077
VAR. 0.0200 0.0200 VAR.
5203
12+50.00

-Y2-

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

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

PROJ. REFERENCE NO.	SHEET NO.
B-2965	X-20



PROJ. REFERENCE NO.
B-2965
SHEET NO.
X-21
0 5 10
14+50.00
14+00.00
13+50.00
13+00.00
SP
VAR
DRIVE
0.0099
0.0089
0.0400
0.0357
-Y3-

PROJ. REFERENCE NO.	SHEET NO.
B-2965	X-22

8/23/99

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

8/23/99

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

PROJ. REFERENCE NO.	SHEET NO.
B-2965	X-24

8/23/99

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

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-2965	X-25

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

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	B-2965	X-26

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

PROJ. REFERENCE NO.	SHEET NO.
B-2965	X-27