PROJECT REFERENCE NO.	SHEET NO.
R-3421C	XD-1 INDEX

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

INDEX OF CROSS SECTION SHEETS

PART 2 (DETOURS)

-TA1-	-SR2- TO -Y9NBL- CROSSOVER (NB DETOUR)	(DRAWN ON -Y9NBL- XSC)	XD-1 TO XD-13
-TA2-	-Y9NBL- TO -Y9SBL- CROSSOVER (SB DETOUR)	"	"
-TA3-	-L- (RT) TO -L- (LT) CROSSOVER (SB DETOUR)	(DRAWN ON -L- XSC)	XD-14 TO XD-22
-TA9-	-SR2- TO -L- (RT) CROSSOVER (NB DETOUR)	"	"
-TA4-	-L- (LT) TO -SR4- (SB DETOUR)	(DRAWN ON -L- LT XSC)	XD-23 TO XD-42
-TA8-	STA. 12+50 - 14+26.12 (WITH -TA4-)	"	XD-36 TO XD-37
-TA5-	-L- (RT) TO -SR5- (NB DETOUR)	(DRAWN ON -L- RT XSC)	XD-43 TO XD-64
-TA8-	STA. 18+53.17 - 20+50.00 (WITH -TA5-)	"	XD-56 TO XD-58
-TA8-	STA. 14+00.00 - 19+00.00 (-Y10- DETOUR)	(DRAWN ON -TA8- XSC)	XD-65 TO XD-69
-TA6-	-SR4- TO -L- (LT) CROSSOVER (SB DETOUR)	(DRAWN ON -L- LT XSC)	XD-70 TO XD-78
-TA7-	-SR5- TO -L- (RT) CROSSOVER (NB DETOUR)	(DRAWN ON -L- RT XSC)	XD-79 TO XD-90

5/28/99
2/28/2013
r:\roadway\xsc\r-3421c_rdy_xpl_index.dgn
4:58:01 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-1

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

400 390 380 370

Y9NBL
41+50.00

SR2
32+50.00

376.97

387.75

388.19

Y9SBL
49+12.77

391.10

384.65

D.P. 385.637

386.988

TA2
41+50.01

373.49

41+50.00

Y9NBL
41+00.00

SR2
33+00.00

376.90

388.75

388.28

Y9SBL
48+62.77

391.45

D.P. 386.128

387.298

TA2
41+00.00

374.42 374.42

41+00.00

Y9NBL
40+50.00

SR2
33+50.00

377.94

389.31

388.81

Y9SBL
48+12.77

391.80

D.P. 386.620

387.608

TA2
40+50.00

375.46 375.46

40+50.00

Y9NBL
40+00.00

SR2
34+00.00

379.07

389.88

389.38

Y9SBL
47+62.77

392.15

D.P. 387.111

387.951

DRIVE @
34+15 RT.

376.59 376.59

40+00.00

–Y9NBL–

2/28/2013
I:\roadway\xso\R3421C_Rdy_xpl_det_TA12.dgn
4:05:07 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-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

400 390 380 370 360

SR2
31+00.00

EXTEND SHOULDER TO PROP. SLOPE

0.020 0.020 0.020 0.020

373.85

373.66

TA1
11+00.00

371.37
371.37

2:1 2.8:1 2.8:1

Y9NBL
43+00.00

386.50

386.17

TA2
43+00.13

6:1 0.0200 0.021 0.021 0.0200 0.0200 4:1 8:1 4:1 4:1

ET ET ET

383.06 D.P. 384.163

Y9SBL
50+62.77

390.05

0.0200 0.0200 0.0200 6:1 3:1

386.058

43+00.00

SR2
31+50.00

EXTEND SHOULDER TO PROP. SLOPE

0.020 0.020 0.020 0.020

374.44

374.29

TA1
10+50.00

371.96
371.96

2:1 2.8:1 2.8:1

Y9NBL
42+50.00

387.07

386.70

TA2
42+50.07

6:1 0.0200 0.020 0.020 0.0200 0.0200 4:1 8:1 4:1 4:1

ET ET ET

383.44 D.P. 384.654

Y9SBL
50+12.77

390.40

0.0200 0.0200 0.0200 6:1 3:1

386.368

42+50.00

SR2
32+00.00

0.020 0.020

375.15

372.67

4:1 2.8:1

Y9NBL
42+00.00

387.63

387.23

TA2
42+00.03

4:1 0.0200 0.020 0.020 0.0200 0.0200 4:1 8:1 4:1 4:1

ET ET ET

384.20 D.P. 385.146

Y9SBL
49+62.77

390.75

0.0200 0.0200 0.0200 6:1 3:1

386.678

42+00.00

-Y9NBL-

2/28/2013
2:10:08 PM
\xsec\R3421C_Rdy_xpl_det_TA12.dgn

8/23/99

PROJ. REFERENCE NO.	SHEET NO.
R-3421C	XD-3

0 5 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

400 390 380 370 360

SR2
29+50.00

372.59

372.27

0.020 0.020 0.020 0.020

370.39

4:1

2.9:1

370.11

–Y14–

TA1
12+50.03

Y9NBL
44+50.00

384.92

6:1

0.020 0.020

384.668

TA2
44+50.51

385.22

0.020 0.020

4:1 8:1

D.P. 382.740

381.92
(L.P.)

Y9SBL
52+12.77

388.96

6:1

384.997

44+50.00

SR2
30+00.00

372.97

372.70

TIE TO –Y14–
TURNOUT

0.020 0.020 0.020 0.020

370.60

4:1

2.8:1

370.50

–Y14–

TA1
12+00.01

Y9NBL
44+00.00

385.40

6:1

0.020 0.020

385.356

TA2
44+00.34

385.43

0.020 0.020

4:1 8:1

3.2:1

382.30

D.P. 383.197

Y9SBL
51+62.77

389.35

6:1

385.091

44+00.00

SR2
30+50.00

373.37

373.14

EXTEND SHOULDER
TO PROP. SLOPE

EXTEND SHOULDER
TO PROP. SLOPE

0.020 0.020 0.020 0.020

370.89

4:1

2.8:1

370.89

2:1

TA1
11+50.00

Y9NBL
43+50.00

385.94

6:1

0.020 0.020

385.565

TA2
43+50.22

385.73

0.020 0.020

4:1 8:1

382.68

D.P. 383.472

Y9SBL
51+12.77

389.70

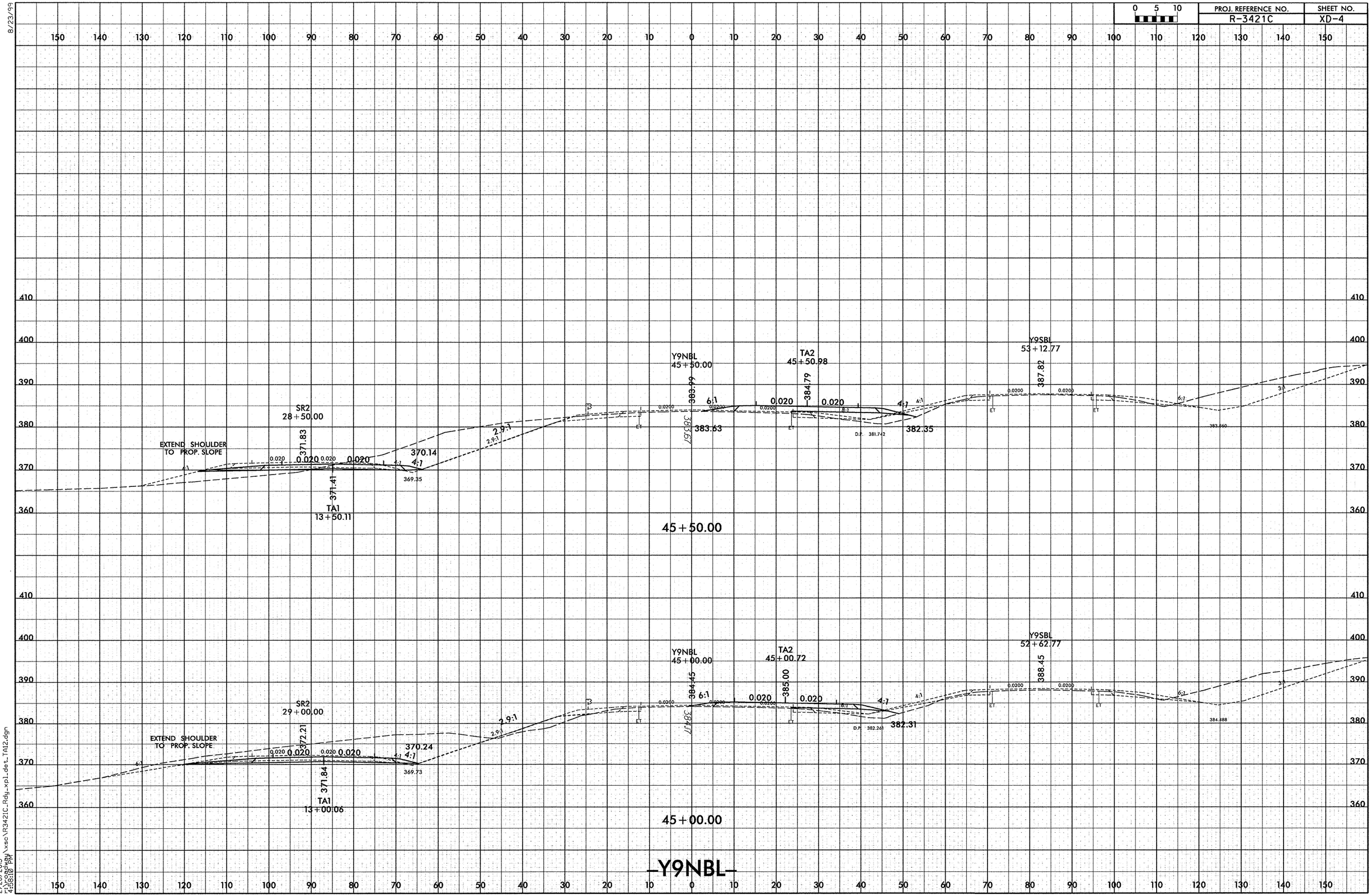
6:1

385.741

43+50.00

–Y9NBL–

2/28/2013
4:56:09 PM
I:\roadway\vsc\VR3421C_Rdy_xp1_det_TA12.dgn



PROJ. REFERENCE NO.
R-3421C
SHEET NO.
XD-4
0 5 10
8/23/99
EXTEND SHOULDER TO PROP. SLOPE
SR2
28+50.00
371.83
371.41
TA1
13+50.11
370.14
369.35
Y9NBL
45+50.00
383.99
383.63
TA2
45+50.98
384.79
382.35
Y9SBL
53+12.77
387.82
45+50.00
SR2
29+00.00
372.21
371.84
TA1
13+00.06
370.24
369.73
Y9NBL
45+00.00
384.45
384.17
TA2
45+00.72
385.00
382.31
Y9SBL
52+62.77
388.45
45+00.00
-Y9NBL-
2/28/2013
r:\roadway\xsc\R3421C_Rdy_xpl_det_TA12.dgn
4:58:10 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-5

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

390 380 370

EXTEND SHOULDER TO PROP. SLOPE

SR2 27+00.00 — TA1 15+00.37 — Y9NBL 47+00.00 — TA2 47+02.12 — Y9SBL 54+62.77

370.69 | 370.75 | 382.60 | 383.96 | 385.26

0.020 | 0.020 | 0.020 | 0.0200 | 0.0200 | 0.0200 | 0.012 | 0.013 | 0.0200 | 0.0200

4:1 | 2.9:1 | 4:1 | 2.9:1 | 3:1 | 6:1 | 8:1 | 4:1 | 4:1 | 6:1 | 3:1

368.21 | 368.87 | 381.87 | 383.72 | 381.295

D.P. 379.679

382.18

47+00.00

400 390 380 370

EXTEND SHOULDER TO PROP. SLOPE

SR2 27+50.00 — TA1 14+50.26 — Y9NBL 46+50.00 — TA2 46+51.69 — Y9SBL 54+12.77

371.07 | 370.71 | 383.06 | 384.36 | 386.21

0.020 | 0.020 | 0.020 | 0.0200 | 0.0200 | 0.0200 | 0.007 | 0.006 | 0.0200 | 0.0200

4:1 | 2.9:1 | 4:1 | 3:1 | 6:1 | 8:1 | 4:1 | 4:1 | 6:1 | 3:1

368.59 | 369.22 | 382.55 | 383.43 | 382.251

D.P. 380.447

382.69

46+50.00

410 400 390 380 370

EXTEND SHOULDER TO PROP. SLOPE

SR2 28+00.00 — TA1 14+00.17 — Y9NBL 46+00.00 — TA2 46+01.31 — Y9SBL 53+62.77

371.45 | 370.98 | 383.52 | 384.57 | 387.07

0.020 | 0.020 | 0.020 | 0.0200 | 0.0200 | 0.0200 | 0.020 | 0.020 | 0.0200 | 0.0200

4:1 | 2.9:1 | 4:1 | 3:1 | 6:1 | 8:1 | 4:1 | 4:1 | 6:1 | 3:1

368.97 | 369.49 | 383.09 | 382.84 | 383.314

D.P. 381.84

383.18

46+00.00

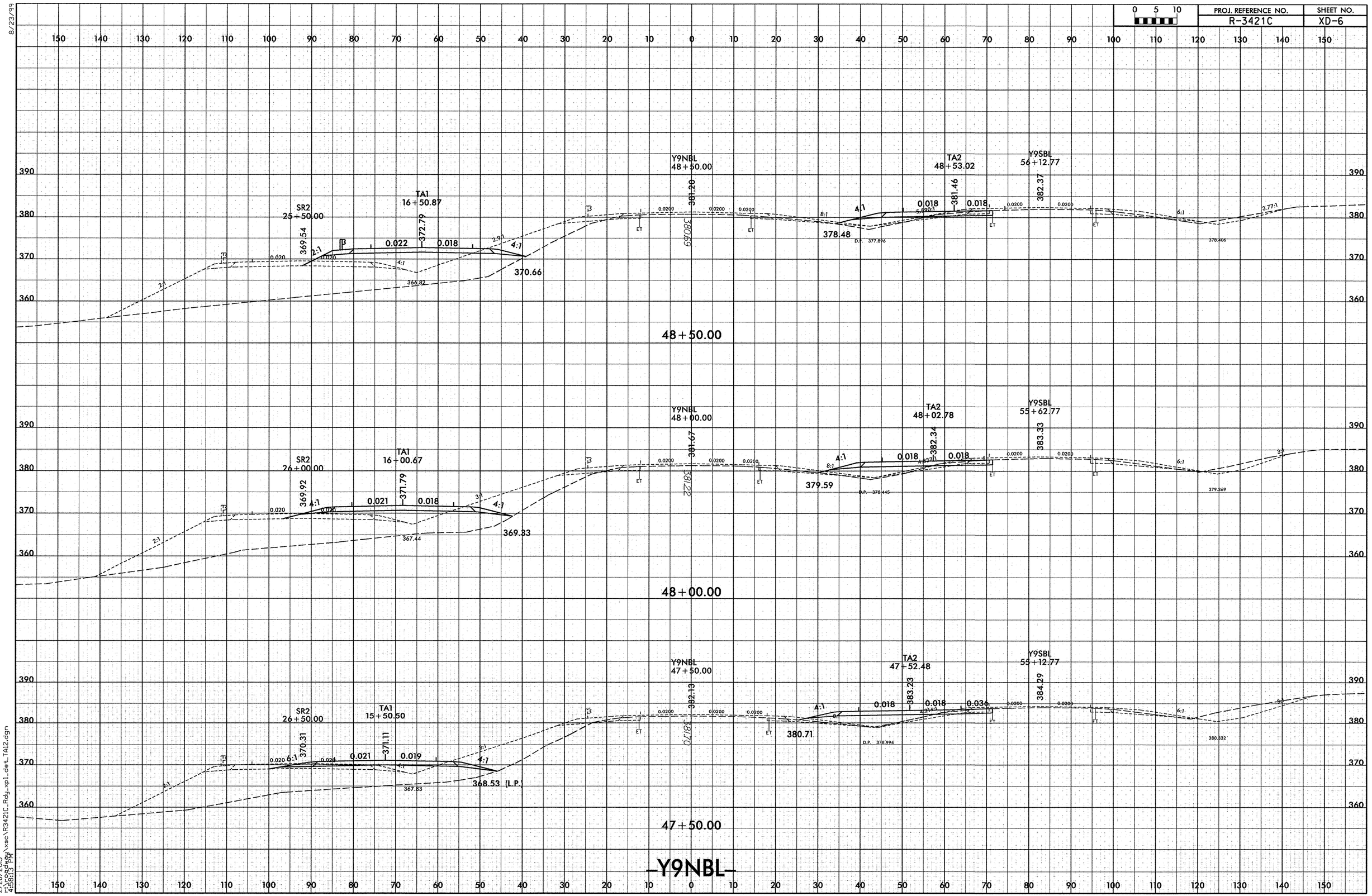
-Y9NBL-

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

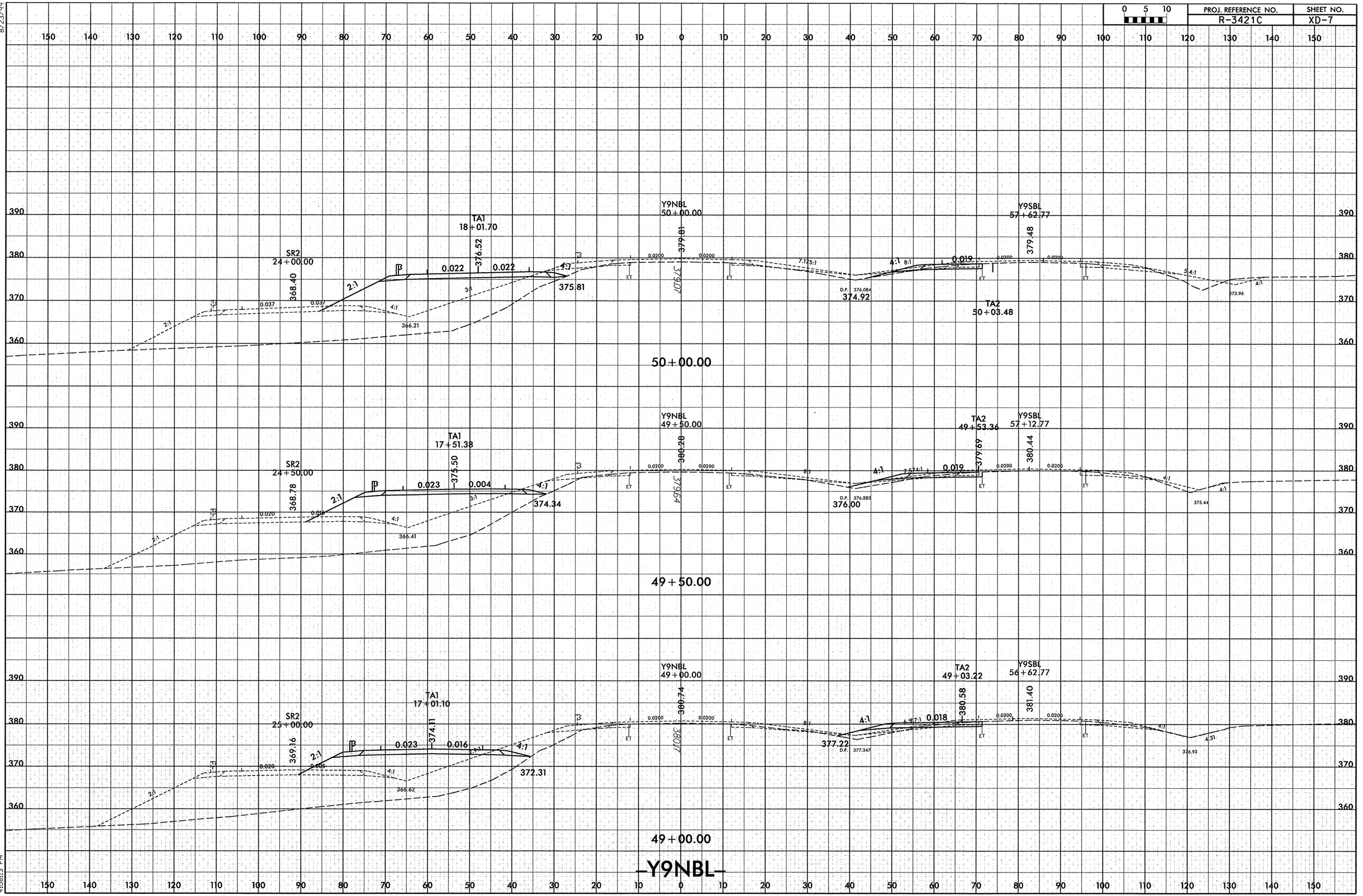
2/28/2013
i:\roadway\xsc\R3421C_Rdy_xpl_det_TA12.dgn
4:58:11 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-6



2/28/2013
4:58:13 PM
I:\roadway\xsc\R3421C_Rdy_xpl_det_TA12.dgn

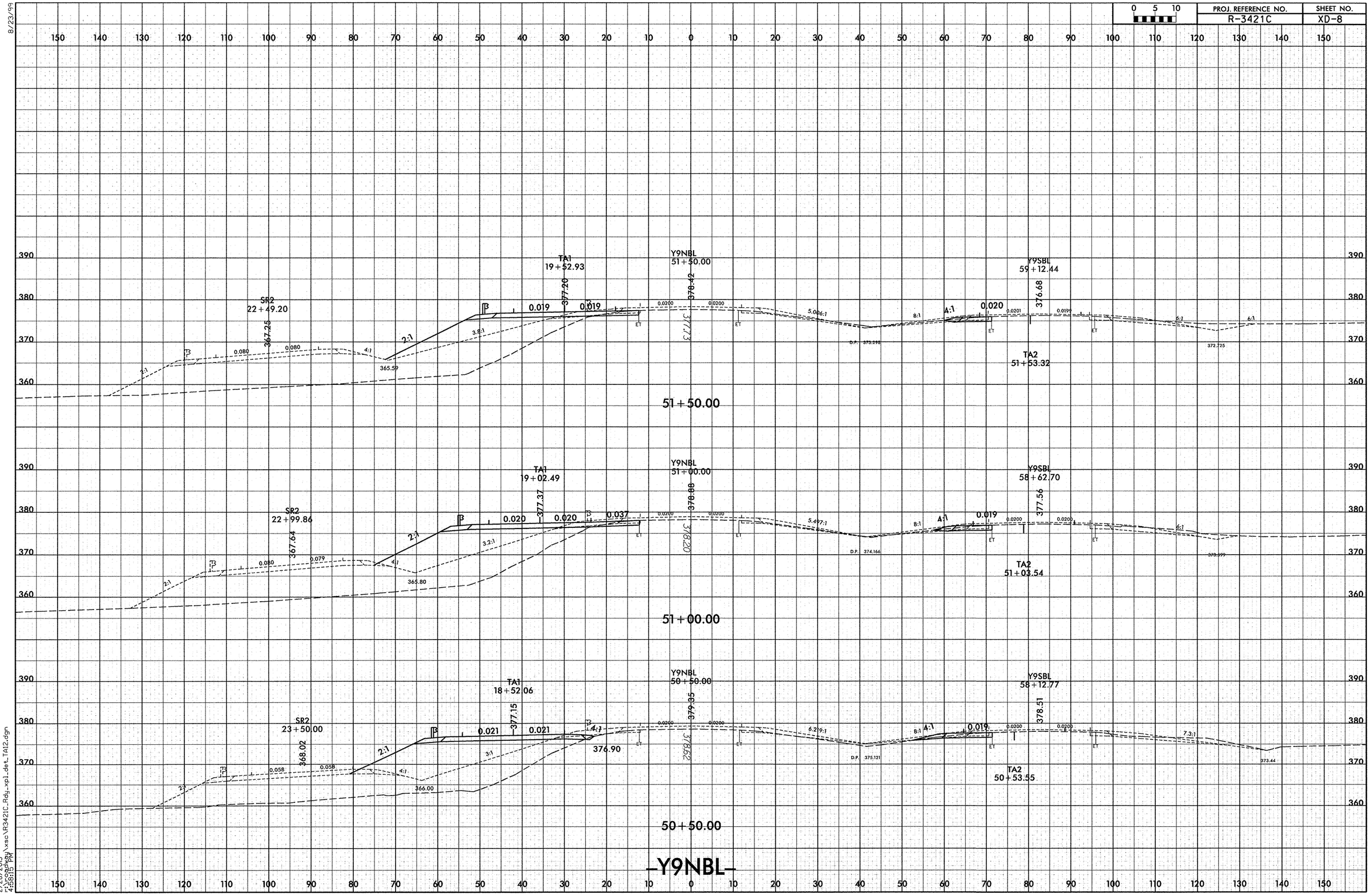


8/23/99

2/28/2013
r:\roadway\xsc\R3421C_Rdy_xpl_det_TA12.dgn
4:58:13 PM

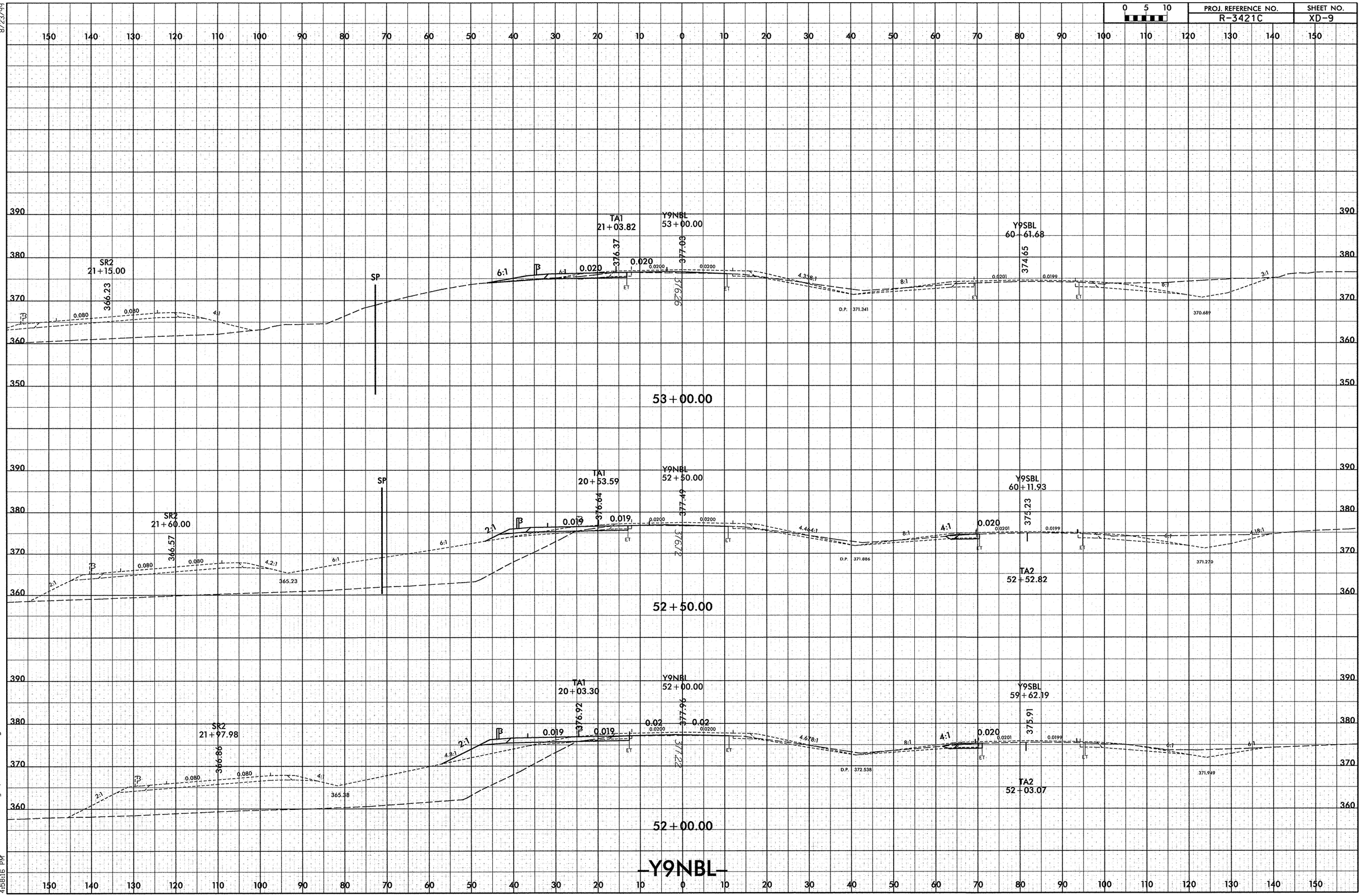
8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-8



2/28/2013
1:\roadway\xsc\R3421C_Rdy_xpl_det_TA12.dgn
4:58:15 PM

PROJ. REFERENCE NO.	SHEET NO.
R-3421C	XD-9



8/23/99

2/28/2013
r:\roadway\xsc\R3421C_Rdy_xpl_det_TA12.dgn
4:58:16 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-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

380 370 360 350

SP

4:1

Y9NBL
54+50.00

376.56

2:1 B 0.020 0.0200 0.020 0.0200 6:1 4:1 7.3:1

ET ET

375.17 37465

TA1
22+54.22

D.P. 370.62

Y9SBL
62+10.96

373.49

0.0201 0.0201 0.0199 6:1 3:1

ET ET

369.530

54+50.00

390 380 370 360 350

SP

4:1

Y9NBL
54+00.00

376.08

2:1 B 0.019 0.0200 0.019 0.0200 6:1 4:027:1 8:1

ET ET

375.66 375.21

TA1
22+04.13

D.P. 370.28

Y9SBL
61+61.19

373.78

0.0201 0.0201 0.0199 6:1 3:1

ET ET

369.819

54+00.00

390 380 370 360 350

SR2
0+65.00

360.84

0.080 ET 4:1

SP

4:1

TA1
21+54.00

Y9NBL
53+50.00

376.06 376.56

2:1 B 0.019 0.0200 0.019 0.0200 6:1 4.23:1 8:1

ET ET

375.77

D.P. 370.941

Y9SBL
61+11.43

374.16

0.0201 0.0201 0.0199 6:1 3:1

ET ET

370.205

53+50.00

390 380 370 360 350

–Y9NBL–

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

2/28/2013
4:58:17 PM
E:\cadd\dgn\xsc\R3421C_Rdy_xp1_det_TA12.dgn

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-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

380 370 360

Y9NBL
56+50.00

373.40

0.020 0.0200 0.020 0.0125

6:1 5.203:1 8:1

0.0200 0.0075 0.0199

372.56

Y9SBL
64+10.08

6:1 3:1

ET ET ET ET

6:1

373.02

373.29

369.44

D.P. 370.613

360.604

TA1
24+54.34

56+50.00

Y9NBL
56+00.00

373.94

0.020 0.0200 0.020 0.0200

6:1 4.623:1 8:1

0.0200 0.0059 0.0199

372.79

Y9SBL
63+60.29

6:1 3:1

ET ET ET ET

6:1

373.64

373.27

368.836

D.P. 370.603

TA1
24+04.33

56+00.00

380 370 360

Y9NBL
55+50.00

374.48

0.020 0.0200 0.020 0.0200

4.095:1 5.3:1 8:1

0.0200 0.0174 0.0199

373.03

Y9SBL
63+10.51

4:1 6:1 3:1

ET ET ET ET

374.19

373.69

369.067

D.P. 370.591

TA1
23+54.31

55+50.00

390 380 370 360

Y9NBL
55+00.00

375.02

2:1 0.020 0.0200 0.020 0.0200 6:1 4:1 6.2:1

0.0201 0.0201 0.0199

373.26

Y9SBL
62+60.73

4:1 6:1 3:1

ET ET ET ET

374.58

374.14

369.299

D.P. 370.46

TA1
23+04.28

55+00.00

–Y9NBL–

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

2/28/2013
F:\roadway\xsc\R3421C_Rdy_xpl_det_TA12.dgn
4:58:18 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-12

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

380 370 360

Y9NBL
58+50.00

371.24

370.71

58+50.00

Y9SBL
66+09.32

371.64

0.0200 0.0200 0.0200 0.0200 6:1 8:1 6.944:1 0.0201 0.0199 0.0199 4:1 4:1

ET ET D.P. 370.185 ET ET

363.52

Y9NBL
58+00.00

371.78

370.79

371.17

TA1
26+04.35
58+00.00

Y9SBL
65+59.48

371.87

0.020 0.020 0.0200 0.0200 6:1 6:1 7.148:1 8:1 0.0201 0.0199 0.0199 4:1 4:1

367.820

ET ET D.P. 370.323 ET ET

365.14

Y9NBL
57+50.00

372.33

371.73

371.66

TA1
25+54.35
57+50.00

Y9SBL
65+09.68

372.10

0.020 0.020 0.0200 0.0125 6:1 6:1 6.300:1 6:1 0.0201 0.0199 0.0199 4:1 4:1

368.360

ET ET D.P. 370.472 ET ET

366.76

Y9NBL
57+00.00

372.86

372.37

372.12

TA1
25+04.34
57+00.00

Y9SBL
64+59.88

372.33

0.020 0.020 0.0200 0.0000 6:1 6:1 5.873:1 8:1 0.0201 0.0199 0.0199 0.0199 6:1 6:1

368.90

ET ET D.P. 370.618 ET ET

368.373

–Y9NBL–

2/28/2013
4:58:19 PM
F:\roadway\xsc\R3421C_Rdy_xpl_det_TA12.dgn

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-13

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

380 / 370 / 360

Y9NBL
61+00.00

368.54

368.75

Y9SBL
68+59.35

370.01

6:1 4:1 0.0200 ET 8:1 D.P. 367.530 2.5:1 ℄

365.40

61+00.00

Y9NBL
60+50.00

369.08

368.64

Y9SBL
68+09.35

370.44

6:1 4:1 0.0200 ET 8:1 D.P. 368.009 0.0199 2:1 ℄

365.25

60+50.00

Y9NBL
60+00.00

369.62

369.11

Y9SBL
67+59.35

370.81

5.24:1 6:1 4:1 0.0200 ET 8:1 D.P. 368.685 0.0201 0.0199 2:1 ℄

365.291

60+00.00

Y9NBL
59+50.00

370.16

369.69

Y9SBL
67+09.34

371.13

–Y13– 0.0200 0.0234 ET 0.0199 –Y8REV–

59+50.00

Y9NBL
59+00.00

370.70

370.23

Y9SBL
66-59.33

371.40

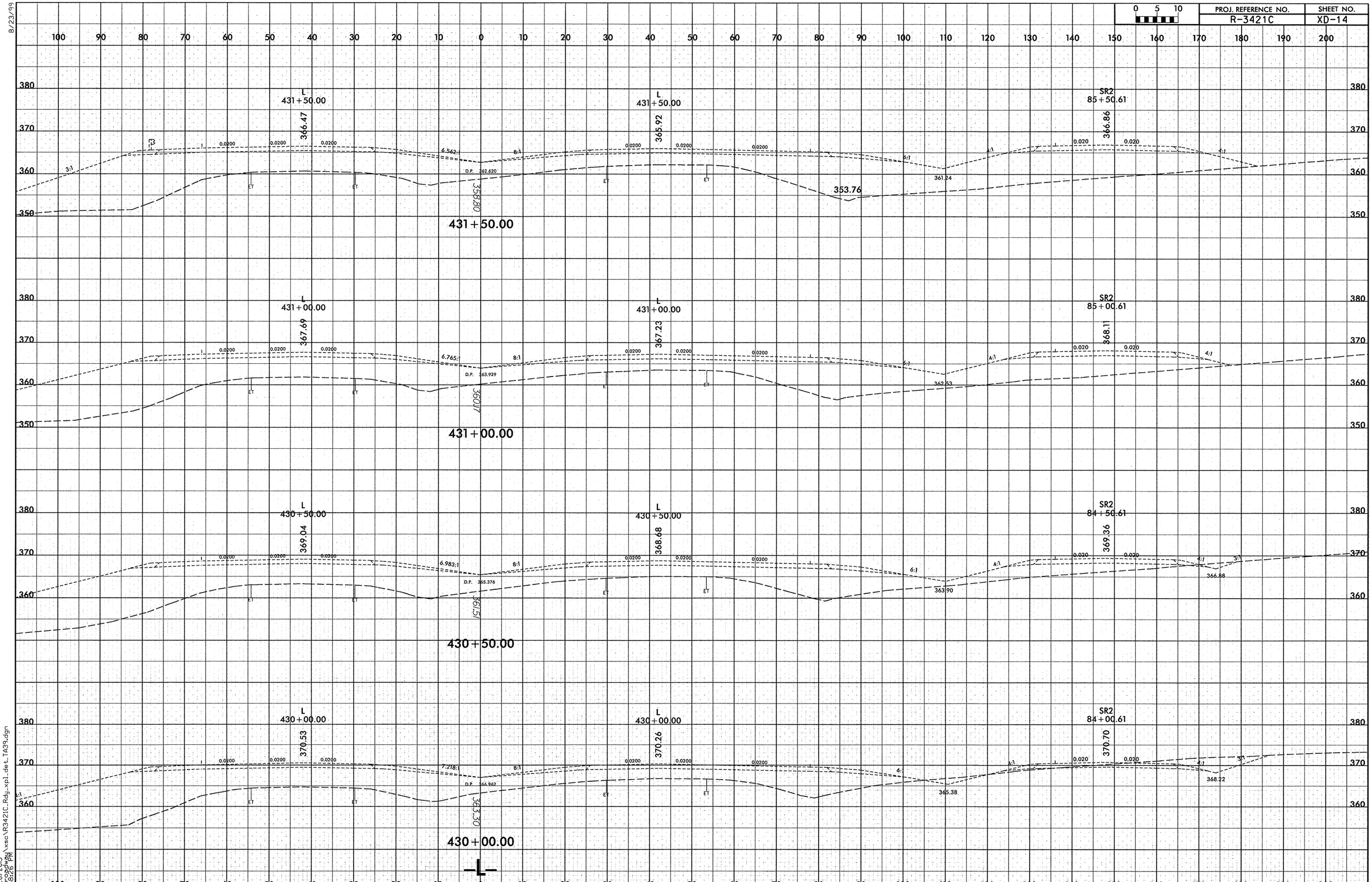
–Y13– 0.0200 0.0165 ET 0.0199 –Y8REV–

59+00.00

–Y9NBL–

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

2/28/2013
F:\roadway\xsc\R3421C_Rdy_xpl_det_TA12.dgn
4:58:20 PM

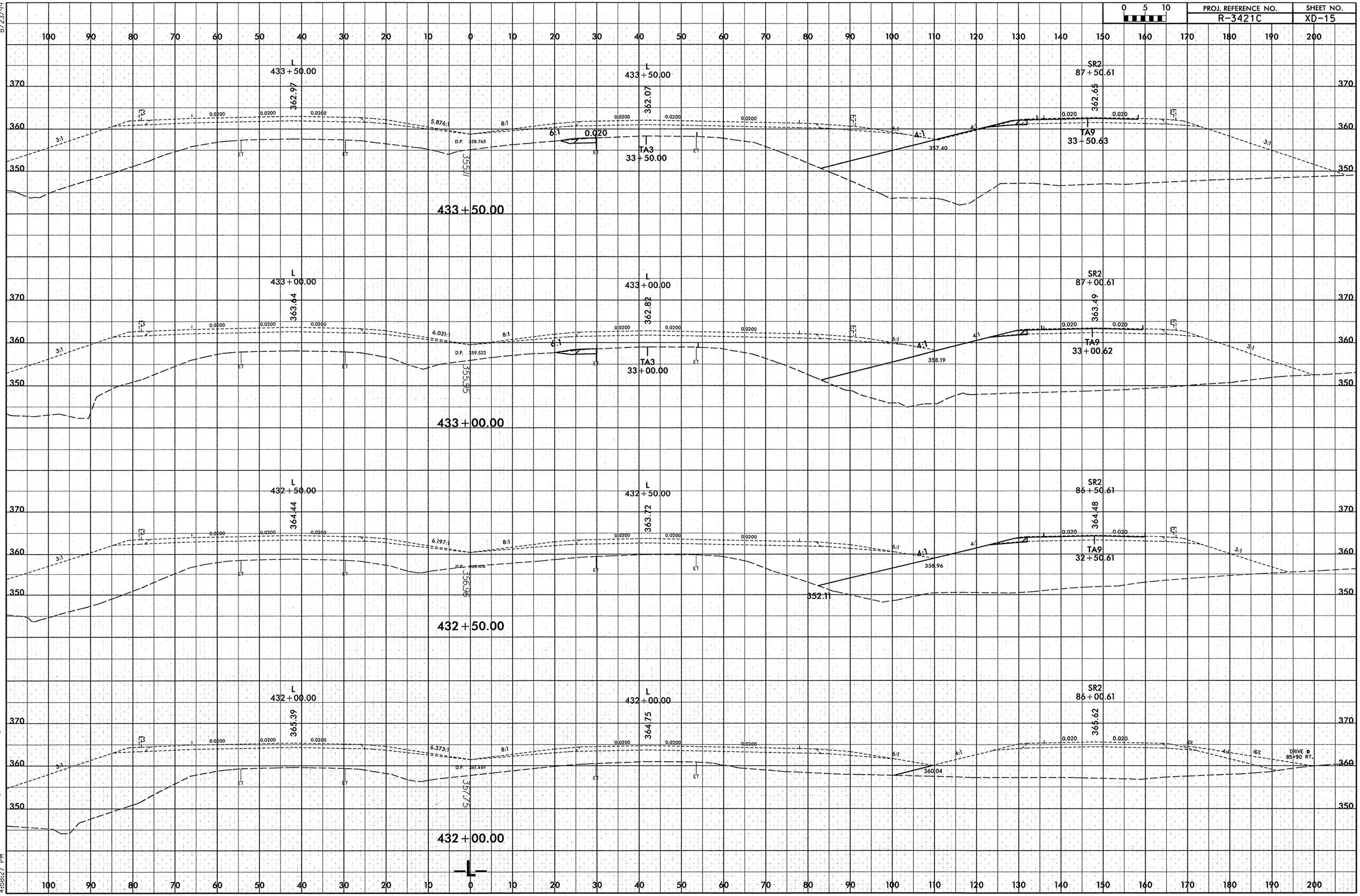


8/23/99

2/28/2013
r:\roadway\xsc\R3421C_Rdy_xpl_det_TA39.dgn
4:58:26 PM

8/23/99

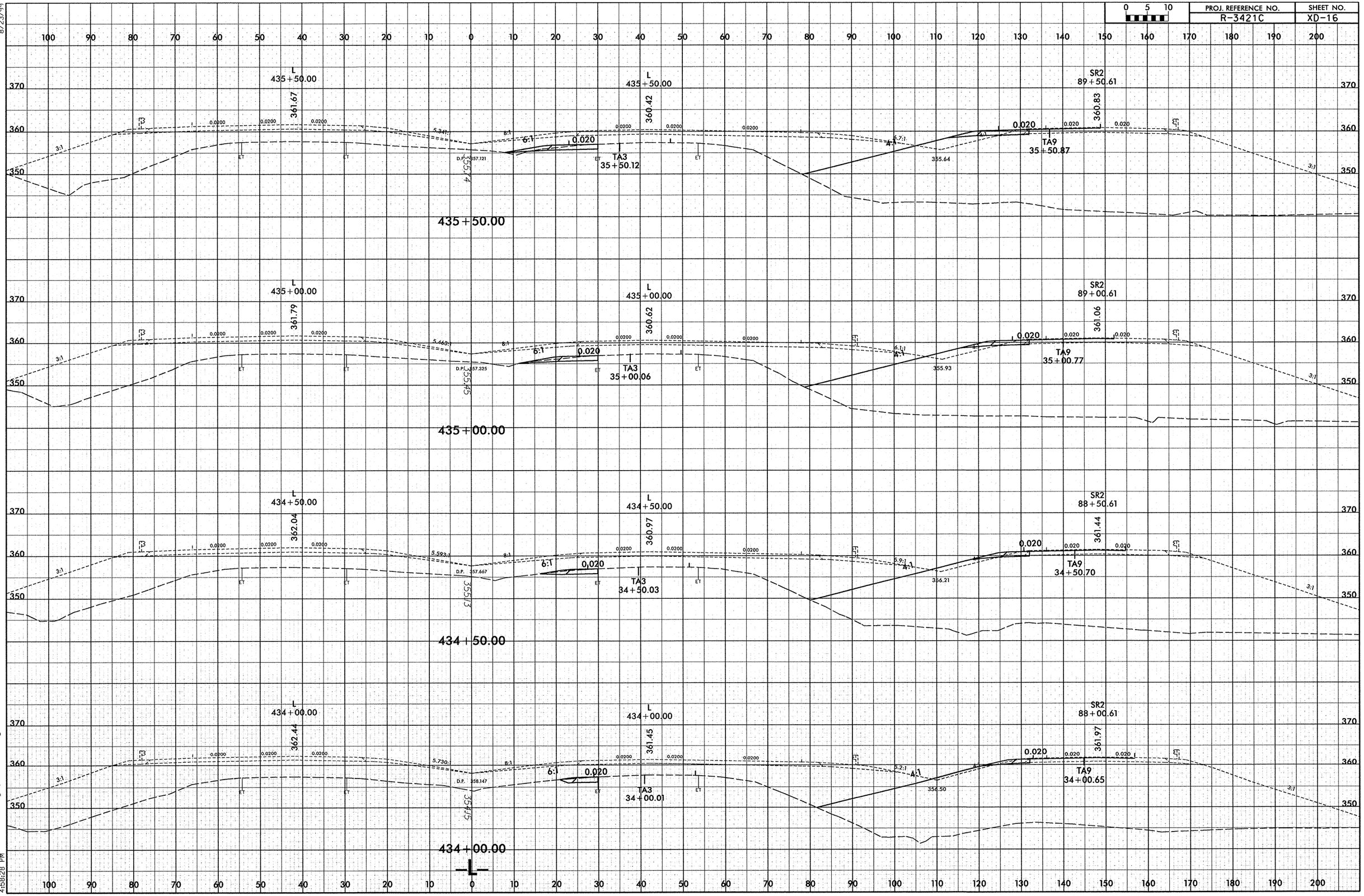
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-15



2/28/2013
4:58:27 PM
I:\cogo*pu\xsc\R3421C_Rdy_xp1_det_TA39.dgn

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-16



2/28/2013
F:\projects\xso\R3421C_Rdy_xp1_det_TA39.dgn
4:58:28 PM

8/23/99

PROJ. REFERENCE NO.	SHEET NO.
R-3421C	XD-17

0 5 10

100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200

370 360 350

L
437+50.00
362.56
0.0200 0.0200 0.0200
4.9:1
6:1 A:1 8:1
0.018
358.41
0.016
357.85
D.P. 357.688
355.56
ET ET ET

TA3
37+50.71

L
437+50.00
360.99
0.0200 0.0200 0.0200
A:1 4.5:1
354.16

TA9
37+51.70
360.83
0.020 0.020
355.14

SR2
91+50.61
361.45
0.020 0.020
4:1 3:1

437+50.00

L
437+00.00
362.13
0.0200 0.0200 0.0200
5.012:1
6:1 A:1 8:1
0.019
357.76
0.019
356.29
D.P. 357.101
355.01
ET ET ET

TA3
37+00.50

L
437+00.00
360.64
0.0200 0.0200 0.0200
A:1 4.1:1
355.88

TA9
37+01.42
360.61
0.020 0.020
4:1 3:1

SR2
91+00.61
361.07
0.020 0.020
4:1 3:1

437+00.00

L
436+50.00
361.84
0.0200 0.0200 0.0200
5.116:1
6:1 A:1 8:1
0.020
357.43
D.P. 357.128
355.95
355.54
ET ET ET

TA3
36+50.33

L
436+50.00
360.43
0.0200 0.0200 0.0200
A:1 5.3:1
355.62

TA9
36+51.19
360.40
0.020 0.020
4:1 3:1

SR2
90+50.61
360.84
0.020 0.020
4:1 3:1

436+50.00

L
436+00.00
361.68
0.0200 0.0200 0.0200
5.226:1
6:1 A:1 8:1
0.020
D.P. 357.056
355.67
ET ET ET

TA3
36+00.21

L
436+00.00
360.36
0.0200 0.0200 0.0200
A:1 5.7:1
355.36

TA9
36+01.01
0.020 0.020
4:1 3:1

SR2
90+00.61
360.76
0.020 0.020
4:1 3:1

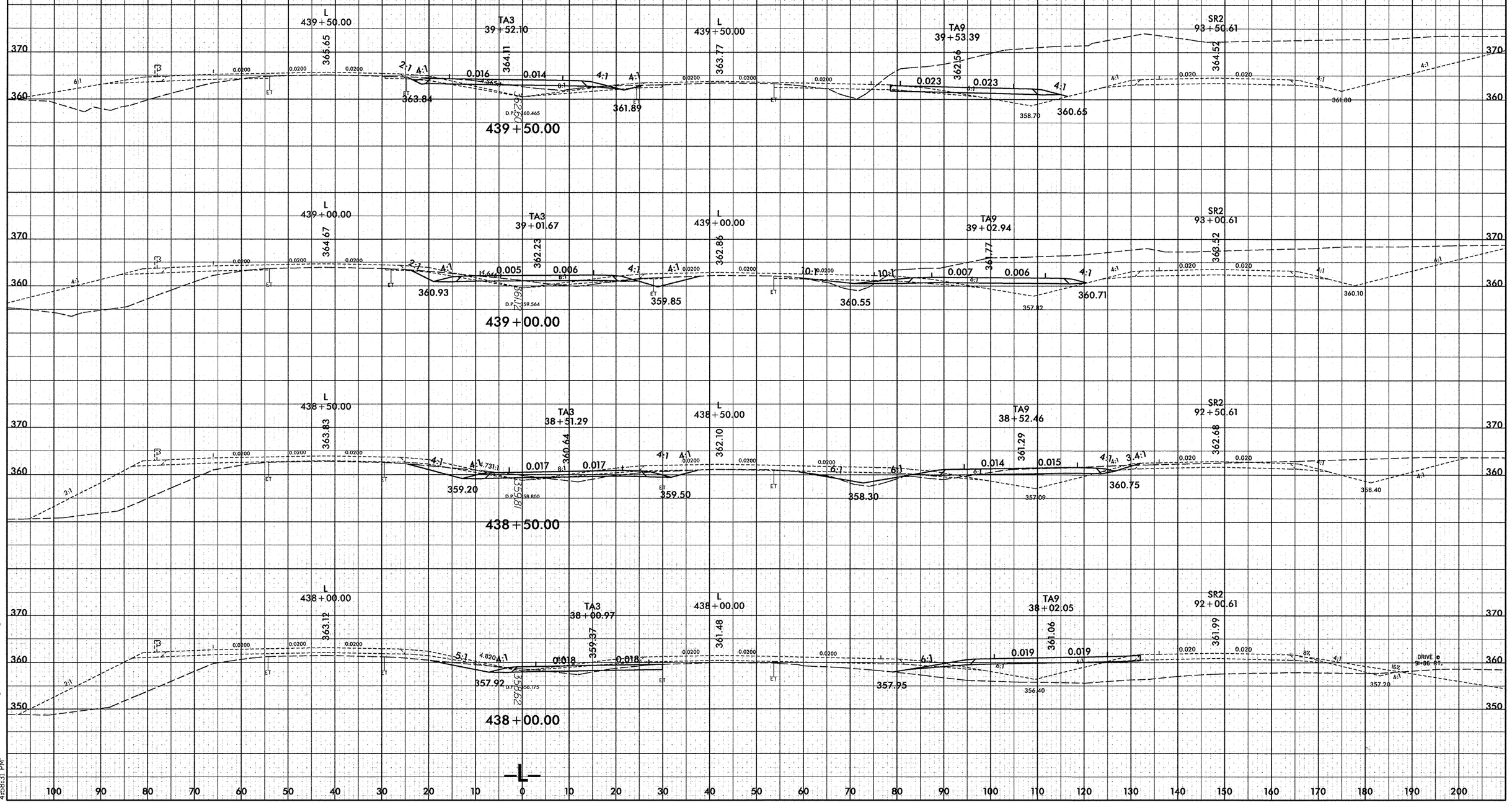
436+00.00

100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200

2/28/2013
4:58:29 PM
I:\roadway\xsc\R3421C_Rdy_xp1_det_TA39.dgn

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-18



2/28/2013
F:\roadway\xsc\R3421C_Rdy_xpl_det_TA39.dgn
4:56:31 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-19

100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200

380 370 360

L
441+50.00
TA3
41+53.27
370.39
369.93
370.26
TA4
41+53.77
366.432
0.0200 0.0200 0.0200
0.022
4:1
8:1
D.P. 365.088
366.30
441+50.00

L
441+50.00
368.39
0.0200 0.0200 0.0200
0.022
TA9
41+54.56
363.52
SR2
95+50.61
369.91
0.020 0.020
367.43
3:1 6:1 4:1

L
441+00.00
TA3
41+03.07
369.18
368.65
369.05
TA4
41+03.77
365.221
0.0200 0.0200 0.0200
0.022 0.022
4:1
8:1
D.P. 363.883
363.98
441+00.00

L
441+00.00
367.18
0.0200 0.0200 0.0200
0.022
TA9
41+04.35
362.12
362.38
SR2
95+00.61
368.41
0.020 0.020
365.93
3:1 6:1 4:1

L
440+50.00
TA3
40+52.81
367.97
367.37
367.84
TA4
40+53.77
364.010
0.0200 0.0200 0.0200
0.023 0.023
4:1 4:1
D.P. 362.677
365.38
364.11
440+50.00

L
440+50.00
365.98
0.0200 0.0200 0.0200
0.023 0.023
TA9
40+54.09
365.02
360.88
361.62
SR2
94+50.61
366.96
0.020 0.020
364.48
10.5%
DRIVE @
94+22 RT.
3:1 6:1 4:1

L
440+00.00
TA3
40+02.49
366.76
365.91
365.46
362.68
0.0200 0.0200 0.0200
0.024 0.024
4:1 4:1
D.P. 361.505
363.05
440+00.00

L
440+00.00
364.81
0.0200 0.0200 0.0200
0.023 0.023
TA9
40+03.77
363.67
359.72
361.00
SR2
94+00.61
365.66
0.020 0.020
363.18
3:1 6:1 4:1

2/28/2013
11:58:32 PM
i:\roadway\xsc\R3421C_Rdy_xpL_det_TA39.dgn

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-20

100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200

400 390 380 370 360

L
443+00.00
374.03
373.90
TA4
43+03.77
TA3
43+03.65
370.056
6:1
0.0200
0.020
4:1
4.424:1
8:1
D.P. 368.705
443+00.00
L
443+00.00
372.01
TA9
43+04.93
367.29
SR2
97+00.61
374.39
371.91

L
442+50.00
372.81
372.69
TA4
42+53.77
TA3
42+53.56
368.855
0.022
4:1
4.429:1
D.P. 367.500
442+50.00
L
442+50.00
370.80
TA9
42+54.84
366.04
SR2
96+50.61
372.90
370.42

L
442+00.00
371.60
371.47
TA4
42+03.77
TA3
42+03.44
367.644
0.022
4:1
4.429:1
D.P. 366.294
442+00.00
L
442+00.00
369.59
TA9
42+04.72
364.78
SR2
96+00.61
371.40
368.92

2/28/2013
I:\roadway\xsc\R3421C_Rdy_xpl_det_TA39.dgn
4:58:33 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-21

100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200

400 390 380 370

L
444+50.00
377.66
377.53
TA3
44+53.76
TA4
44+53.77
373.40
444+50.00
373.700
6:1
0.0200
4:1
4.408:1
8:1
D.P. 372.322
L
444+50.00
375.62
TA9
44+55.04
371.07
SR2
98+50.61
378.88
4:1
0.020
376.40

L
444+00.00
376.45
376.32
TA3
44+03.74
TA4
44+03.77
373.39
444+00.00
372.439
4.413:1
D.P. 371.117
L
444+00.00
374.42
TA9
44+05.03
369.81
SR2
98+00.61
377.38
374.91

L
443+50.00
375.24
375.11
TA3
43+53.71
TA4
43+53.77
373.22
371.277
4.419:1
D.P. 369.911
L
443+50.00
373.21
TA9
43+54.99
368.55
SR2
97+50.61
375.89
373.41

2/28/2013
11:roadway\xsc\R3421C_Rdy_xpl_det_TA39.dgn
4:58:34 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-22

100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200

400
390
380
370

L
446+00.00
381.29
381.17
TA4
46+03.77

6:1 | 0.0200 | 0.0200 | 0.0105 | 4.284:1 | 8:1 | 0.0200 | 0.0105 | 0.0105 | 6:1 | 4:1 | 0.020 | 0.020 | 4:1 | 3:1

377.333
ET
ET
D.P. 375.939
ET
ET
374.97
380.65

L
446+00.00
379.24

SR2
100+00.61
383.13

446+00.00

L
445+50.00
380.08
379.96
TA3
45+53.77
TA4
45+53.77

6:1 | 0.0200 | 0.0200 | 0.0200 | 4.397:1 | 8:1 | 0.0200 | 0.0200 | 0.0200 | 6:1 | 4:1 | 0.020 | 0.020 | 4:1 | 3:1

376.122
ET
ET
D.P. 374.733
ET
373.58
379.33

L
445+50.00
378.03
TA9
45+55.05

SR2
99+50.61
381.81

445+50.00

L
445+00.00
378.87
378.75
TA3
45+03.77
TA4
45+03.77

6:1 | 0.0200 | 0.0200 | 0.0200 | 4:1 | 4.402:1 | 8:1 | 0.0200 | 0.0200 | 0.0200 | 6:1 | 4:1 | 0.020 | 0.020 | 4:1 | 3:1

374.911
ET
ET
D.P. 373.528
ET
372.33
377.90

L
445+00.00
376.83
TA9
45+05.05

SR2
99+00.61
380.38

445+00.00

2/28/2013
4:58:35 PM
F:\Projects\xsec\R3421C_Rdy_xpl_det_TA39.dgn

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-23

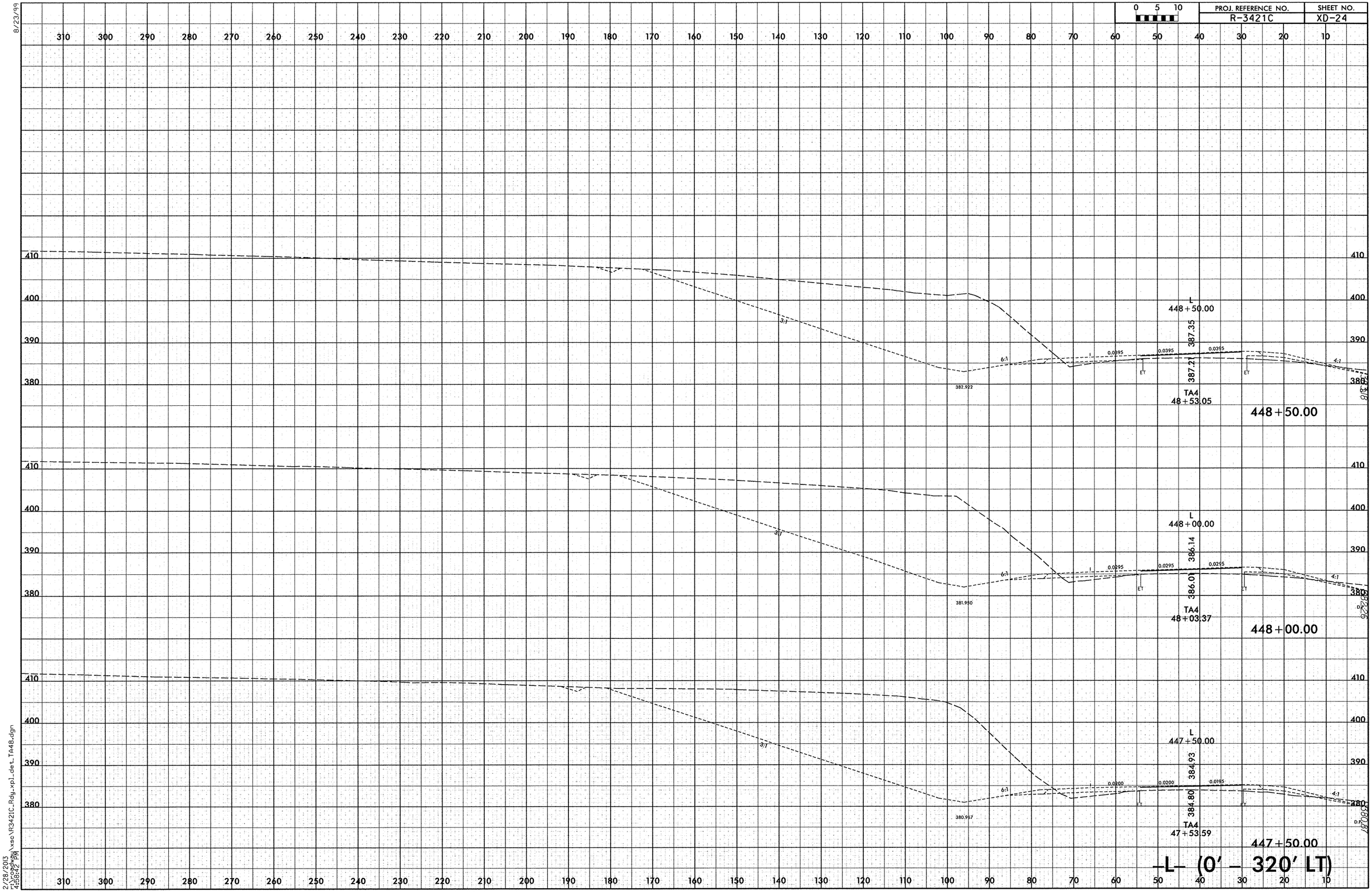
L
447+00.00
383.72
383.59
TA4
47+03.73
447+00.00

L
446+50.00
382.50
382.38
TA4
46+53.77
446+50.00

L
446+00.00
381.29
381.17
TA4
46+03.77
446+00.00

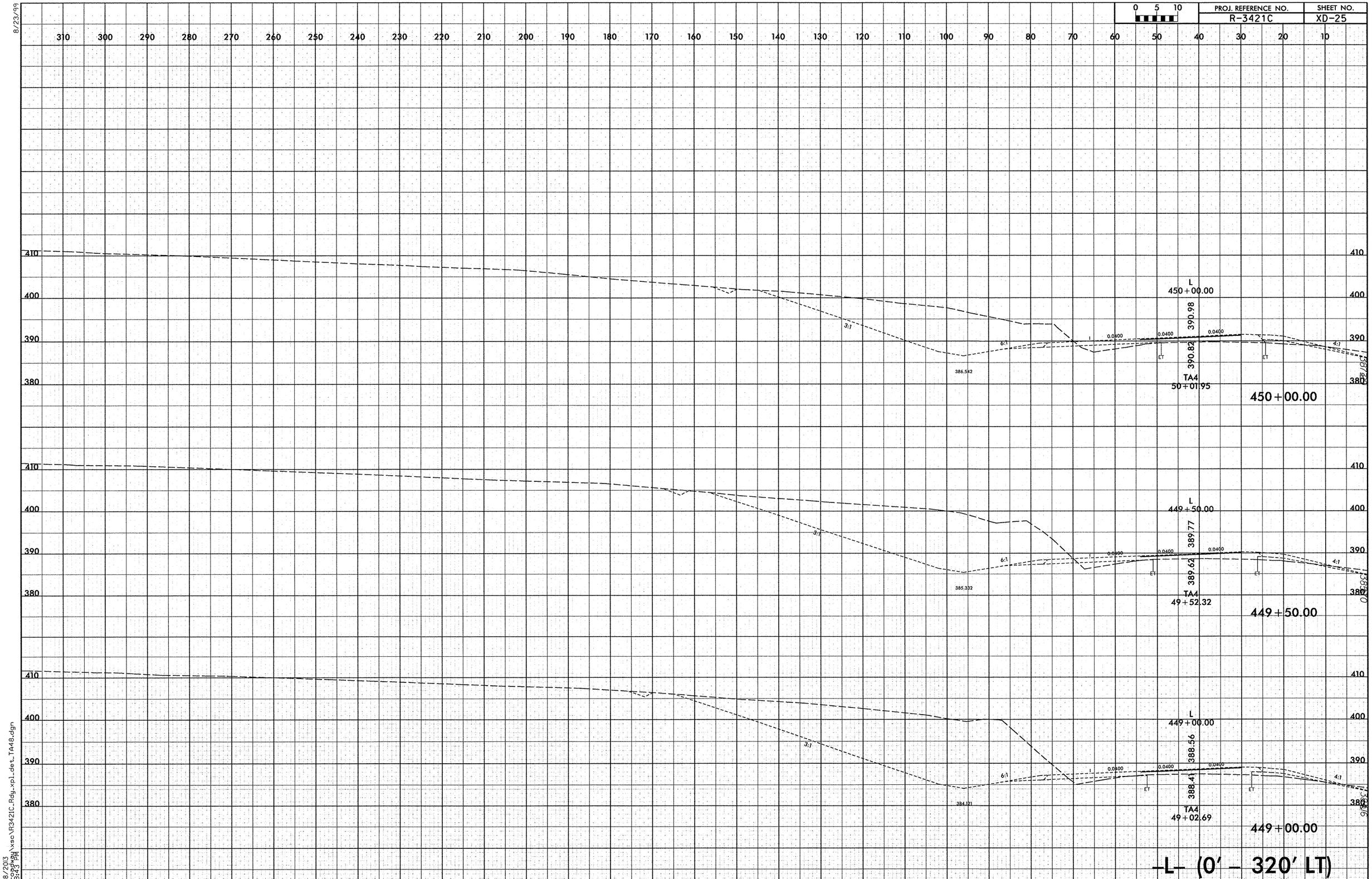
-L- (0' - 320' LT)

2/28/2013
i:\roadway\xsc\R3421C_Rdy_xpl_det_TA48.dgn
4:58:41 PM



8/23/99

2/28/2013
r:\roadway\xsc\R3421C_Rdy_xpl_det_TA48.dgn
4:58:42 PM



8/23/99

2/28/2013
r:\roadway\xsc\R3421C_Rdy_xpl_det_TA48.dgn
4:58:43 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-26

L
452+00.00
394.98
394.81
TA4
52+00.49
452+00.00

L
451+50.00
394.13
393.96
TA4
51+50.85
451+50.00

L
451+00.00
393.18
393.02
TA4
51+01.22
451+00.00

L
450+50.00
392.13
391.97
387.693
TA4
50+51.59
450+50.00

-L- (0' - 320' LT)

2/28/2013
4:50:44 PM
i:\roadway\xsc\R3421C_Rdy_xpl_det_TA48.dgn

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-27

L
454+00.00
397.36
397.00
TA4
53+99.02
454+00.00

L
453+50.00
396.92
396.75
TA4
53+49.39
453+50.00

L
453+00.00
396.37
396.20
TA4
52+99.75
453+00.00

L
452+50.00
395.73
395.56
TA4
52+50.12
452+50.00

-L- (0' - 320' LT)

2/28/2013
4:58:45 PM
F:\roadway\xsc\R3421C_Rdy_xpl_det_TA48.dgn

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-28

310 300 290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10

410 400 390

L
456+00.00
398.13
397.98
6' V.C.
0.0400 0.0400 0.0400
3:1 4:1
TA4
55+97.55
456+00.00

410 400 390

L
455+50.00
398.09
397.93
3:1
396.60
0.0400 0.0400 0.0400
4:1
TA4
55+47.92
455+50.00

410 400 390

L
455+00.00
397.94
397.79
3:1
396.26
0.0400 0.0400 0.0400
4:1
TA4
54+98.29
455+00.00

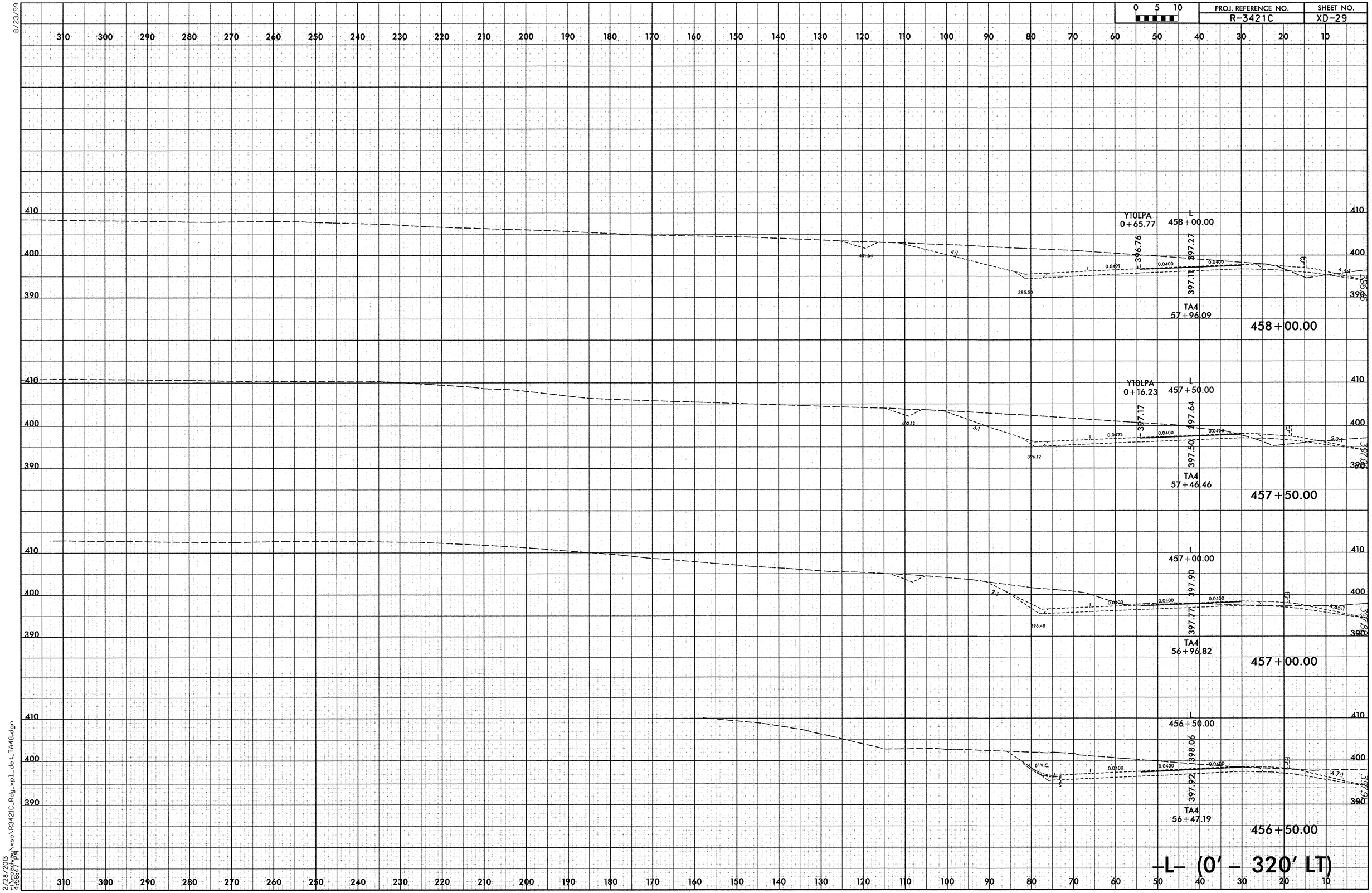
410 400 390

L
454+50.00
397.70
397.54
4:1
395.81
0.0400 0.0400 0.0400
4:1
TA4
54+48.65
454+50.00

–L– (0' – 320' LT)

310 300 290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10

2/28/2013
4:58:46 PM
F:\roadway\xsc\R3421C_Rdy_xpl_det_TA48.dgn



8/23/99

2/28/2013
r:\roadway\xsc\R3421C_Rdy_xpl_det_TA48.dgn
4:58:47 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-30

310 300 290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10

410 400 390

Y10LPA
2+60.00

BP

L
460+00.00

396.90 4:1 391.57 392.69 0.0747 0.0747 6:1 6:1 392.90 394.81 0.0400 0.0400 5.13:1 394.36

TA4
59+94.65

460+00.00

Y10LPA
2+16.06

L
459+50.00

397.31 4:1 390.56 6:1 393.92 0.0744 0.0732 395.58 0.0400 0.0400 4.87:1 395.23

TA4
59+45.00

459+50.00

Y10LPA
1+65.25

L
459+00.00

401.01 4:1 392.94 394.15 0.0652 396.24 0.0400 0.0400 4:1 395.98

TA4
58+95.36

459+00.00

Y10LPA
1+15.36

L
458+50.00

401.35 4:1 394.47 396.09 0.0567 396.81 0.0400 0.0400 4:1 396.61

TA4
58+45.72

458+50.00

–L– (0′ – 320′ LT)

2/28/2013
4:58:48 PM
i:\roadway\xsc\R3421C_Rdy_xpl_det_TA48.dgn

8/23/99

PROJ. REFERENCE NO.	SHEET NO.
R-3421C	XD-31

0 5 10

310 300 290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10

400
390
380

TA4
61+93.48

L
462+00.00

389.68

390.73

0.043

0.043

0.0400

0.0400

6.947:1

4:1

462+00.00

BP

Y10LPA
4+00.00

389.83

386.63

0.0800

0.0800

4:1

TA4
61+43.73

L
461+50.00

391.03

391.90

0.042

0.042

0.0400

0.0400

6.293:1

4:1

461+50.00

410
400
390
380

Y10LPA
3+50.00

390.44

389.24

389.37

393.77

0.0800

0.0800

4:1

6:1

387.93

BP

TA4
60+94.01

L
461+00.00

392.26

392.97

0.042

0.042

0.0400

0.0400

6.065:1

389.01

389.009

461+00.00

Y10LPA
3+05.00

391.44

390.24

393.77

0.0800

0.0800

4:1

6:1

BP

TA4
60+44.31

L
460+50.00

393.37

393.94

0.0400

0.0400

6.179:1

391.55

391.75

460+50.00

–L– (0′ – 320′ LT)

2/28/2013
11:58:49 PM
i:\roadway\xsec\R3421C_Rdy_xpl_det_TA48.dgn

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-32

310 300 290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10

390 380 370

TA4
63+92.93
383.36

L
464+00.00
385.03

0.015 0.017 4:1 0.0400 0.0400 8:1

2:1 4:1 ET

464+00.00

400 390 380 370

TA4
63+43.01
385.02

L
463+50.00
386.60

0.035 0.036 0.0400 0.0400

3:1 4:1 ET

463+50.00

400 390 380 370

TA4
62+93.11
386.64

L
463+00.00
388.08

0.044 0.044 0.0400 0.0400

4:1 4:1 ET

463+00.00

400 390 380 370

TA4
62+43.27
388.20

L
462+50.00
389.45

0.044 0.044 0.0400 0.0400

4:1 4:1 ET

462+50.00

–L– (0′ – 320′ LT)

310 300 290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10

2/28/2013
4:58:50 PM
F:\roadway\xsc\R3421C_Rdy_xpl_det_TA48.dgn

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-33

310 300 290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10

390 380 370

TA4
65+90.84
376.29

L
466+00.00
377.72

0.017 0.017 4:1 4:1 2:1 0.0400 0.0400 8:1 ET ET D.P.

466+00.00

TA4
65+41.60
378.11

L
465+50.00
379.70

0.016 0.016 4:1 4:1 2:1 0.0400 0.0400 8:1 ET ET D.P.

465+50.00

TA4
64+92.22
379.90

L
465+00.00
381.57

0.016 0.016 4:1 4:1 2:1 0.0400 0.0400 8:1 ET ET D.P.

465+00.00

TA4
64+42.67
381.65

L
464+50.00
383.35

0.005 0.003 4:1 4:1 2:1 0.0400 0.0400 8:1 ET ET D.P.

464+50.00

–L– (0′ – 320′ LT)

2/28/2013
C:\Projects\xsc\R3421C_Rdy_xpl_det_T448.dgn
4:56:51 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-34

310 300 290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10

380 370 360

TA4
67+86.95
369.03

L
468+00.00
369.72

0.021 0.019 β 4:1 2:1 6:1 8:1 0.0400 0.0400 ET ET D.P.
365.760

468+00.00

TA4
67+37.99
370.84

L
467+50.00
371.72

0.006 0.019 β 4:1 2:1 6:1 8:1 0.0400 0.0400 ET ET D.P.
367.760

467+50.00

TA4
66+89.00
372.66

L
467+00.00
373.72

0.013 0.018 β 4:1 2:1 6:1 8:1 0.0400 0.0400 ET ET D.P.
369.760

467+00.00

TA4
66+39.96
374.47

L
466+50.00
375.72

0.018 0.018 β 4:1 2:1 6:1 8:1 0.0400 0.0400 ET ET D.P.

466+50.00

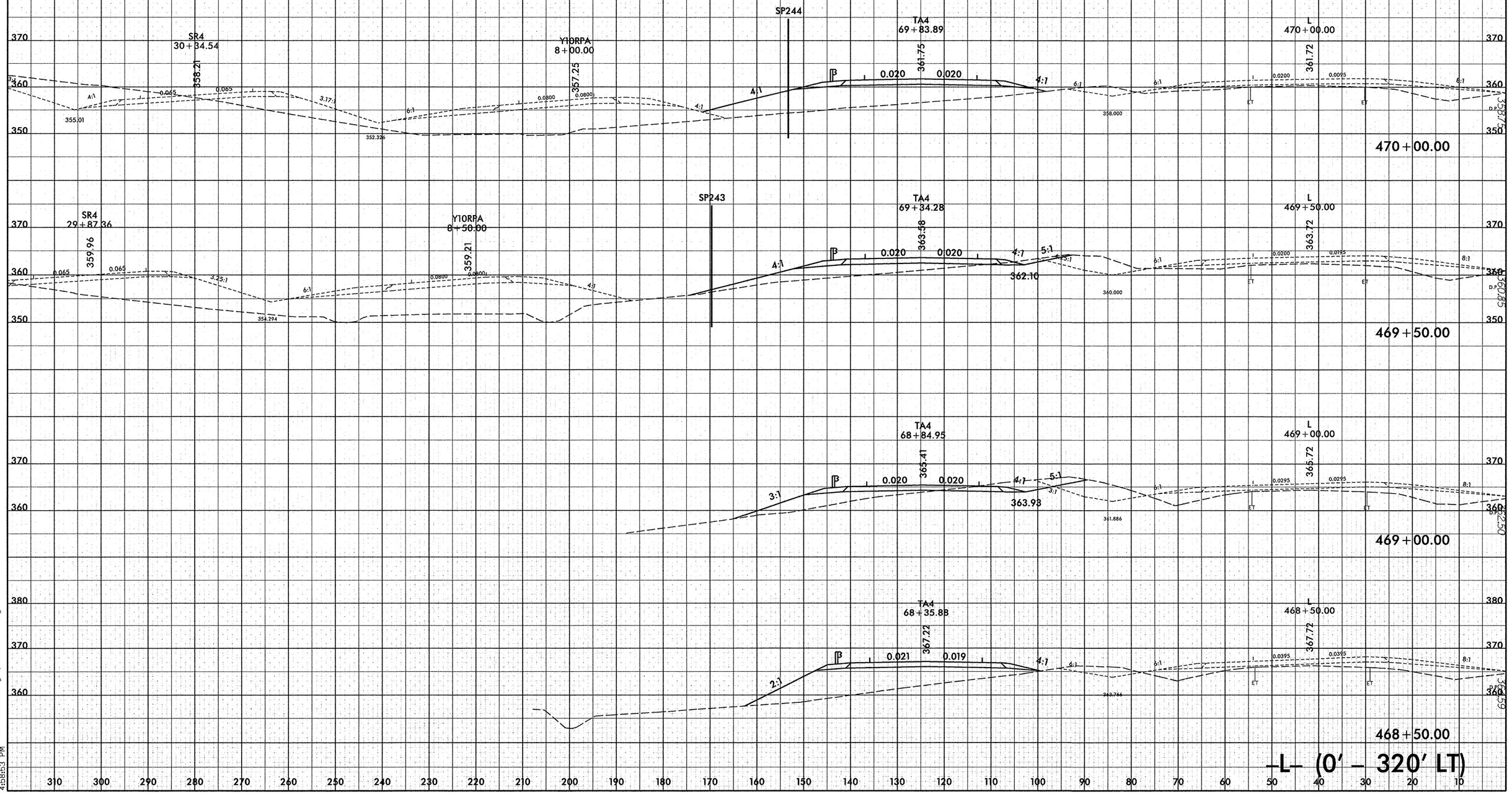
–L– (0′ – 320′ LT)

2/28/2013
i:\roadway\xsc\R3421C_Rdy_xpl_det_TA48.dgn
4:56:52 PM

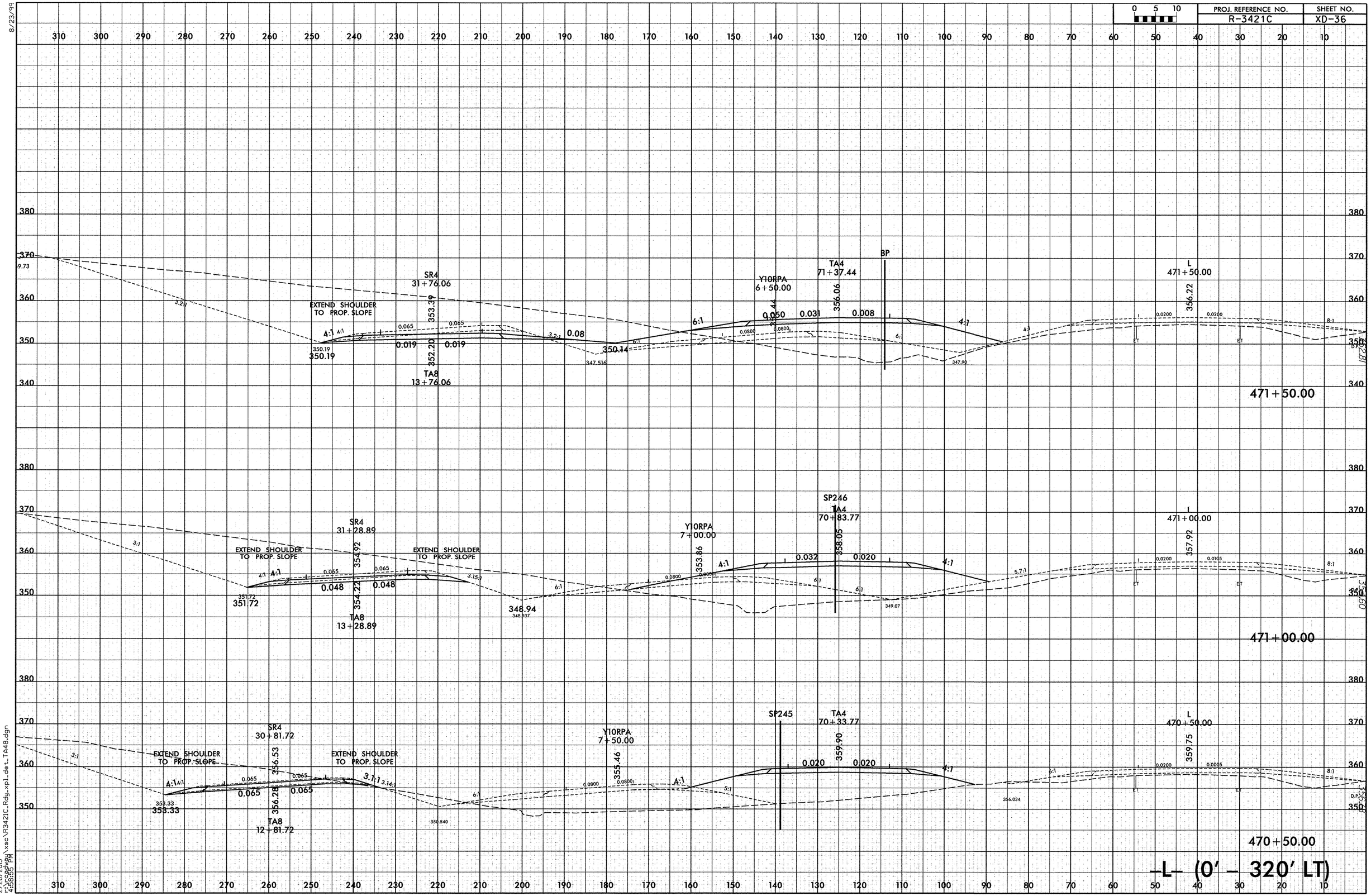
8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-35

310 300 290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10

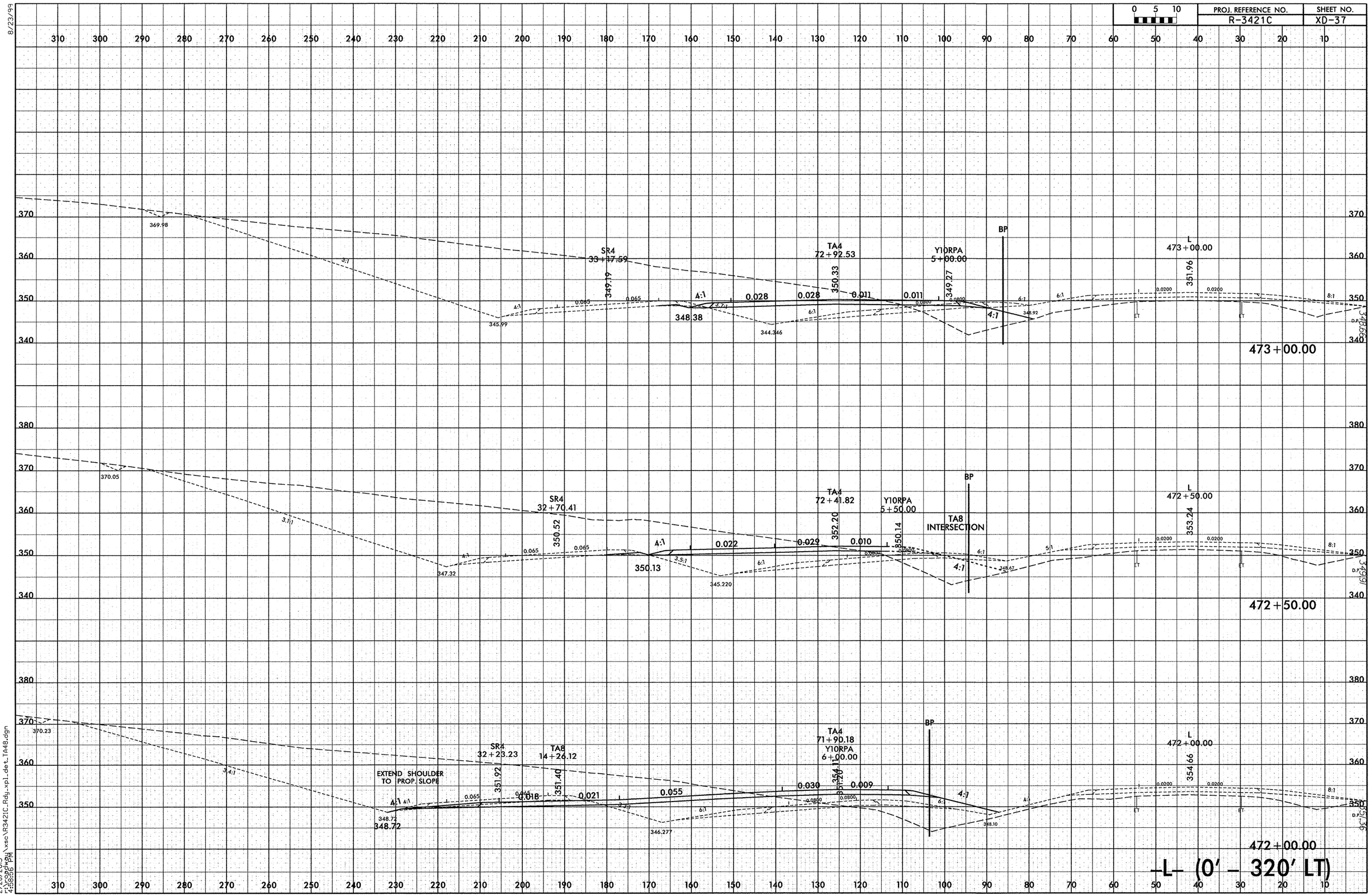


2/28/2013
4:58:53 PM
I:\roadway\xsc\R3421C_Rdy_xpl_det_TA48.dgn



8/23/99

2/28/2013
r:\roadway\xsc\R3421C_Rdy_xpl_det_TA48.dgn
4:58:55 PM



8/23/99

2/28/2013
r:\roadway\xsc\R3421C_Rdy_xpl_det_TA48.dgn
4:58:56 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-38

310 300 290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10

360 350 340

SR4
34+99.49
344.71

TA4
74+83.77
344.07

Y10RPA
3+00.37
347.15

L
475+00.00
348.16

3:1 4:1 8:1 0.063 0.020 0.0674 0.0200 ET D.P.

341.54 342.49 341.63

475+00.00

SR4
34+49.17
345.84

TA4
74+33.77
345.45

Y10RPA
3+50.68
347.61

L
474+50.00
348.93

3:1 4:1 8:1 0.061 0.020 0.0784 0.0200 ET D.P.

342.69 343.78 342.18

474+50.00

364.74 343.94 345.31 342.88

SR4
33+98.60
347.06

TA4
73+83.77
347.03

Y10RPA
4+01.09
348.07

L
474+00.00
349.80

3:1 4:1 6:1 8:1 0.060 0.020 0.0777 0.0200 ET D.P.

474+00.00

369.50 345.27 347.08 343.65

SR4
33+47.72
348.37

TA4
73+33.77
348.80

Y10RPA
4+51.82
348.60

L
473+50.00
350.81

3:1 4:1 6:1 8:1 0.058 0.020 0.0763 0.0200 ET D.P.

473+50.00

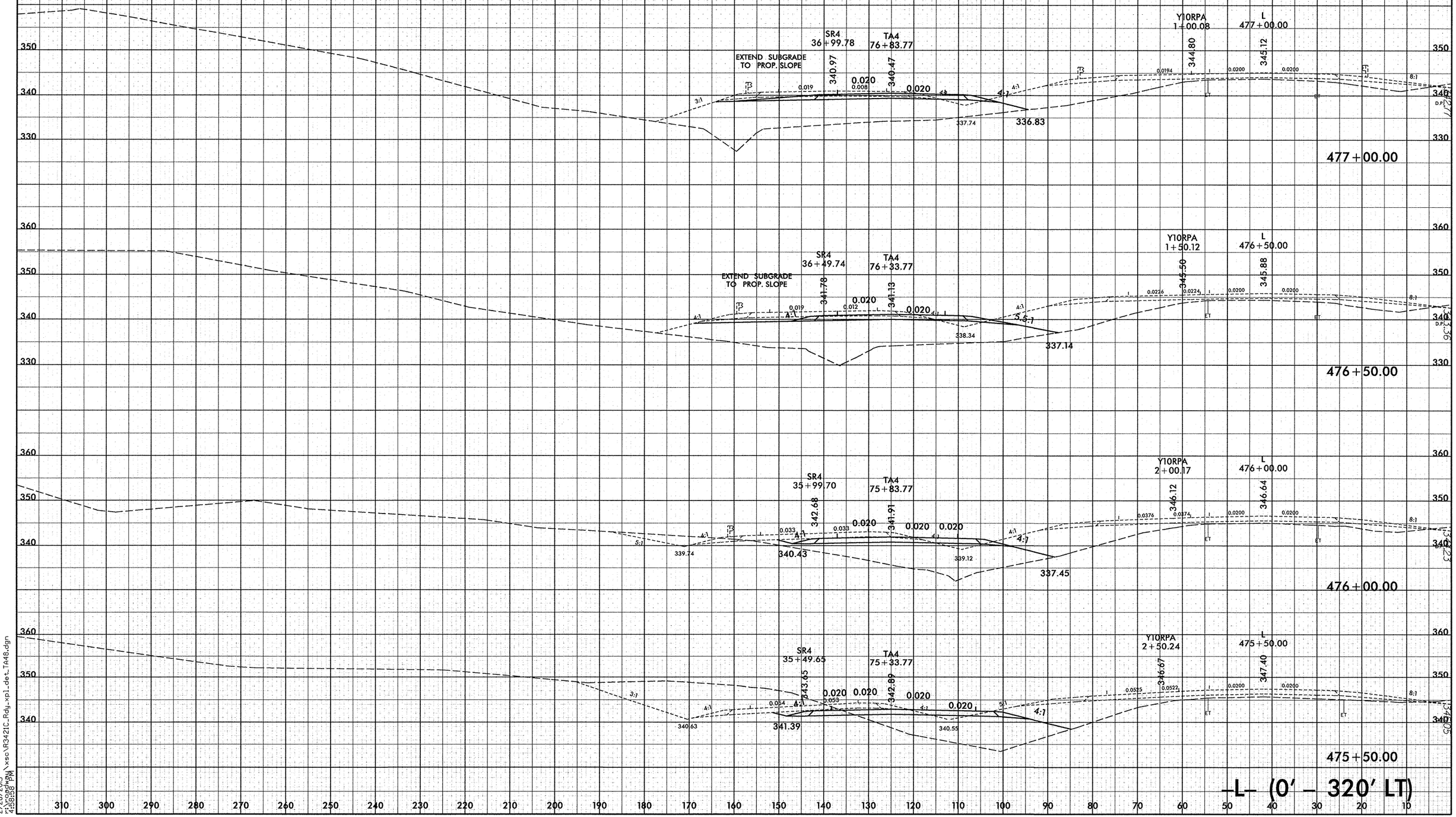
-L- (0' – 320' LT)

2/28/2013
1:\roadway\xsec\R3421C_Rdy_xpl_det_TA48.dgn
4:58:57 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-39

310 300 290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10

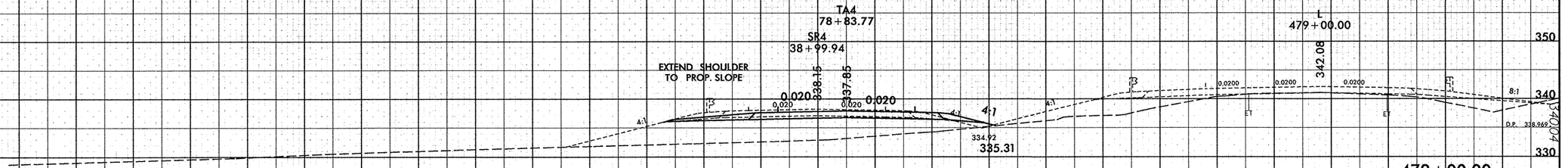


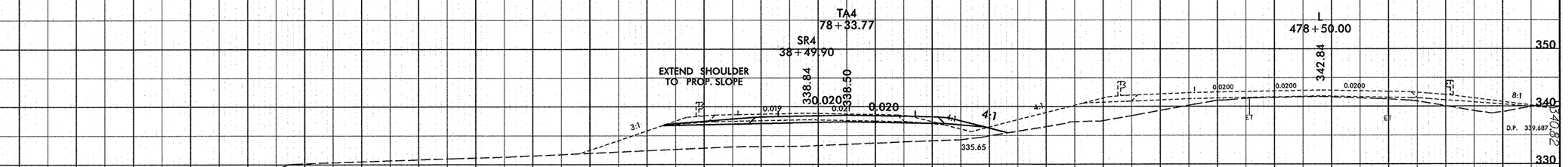
2/28/2013
4:58:58 PM
\\xso\R3421C_Rdy_xpl_det_TA48.dgn

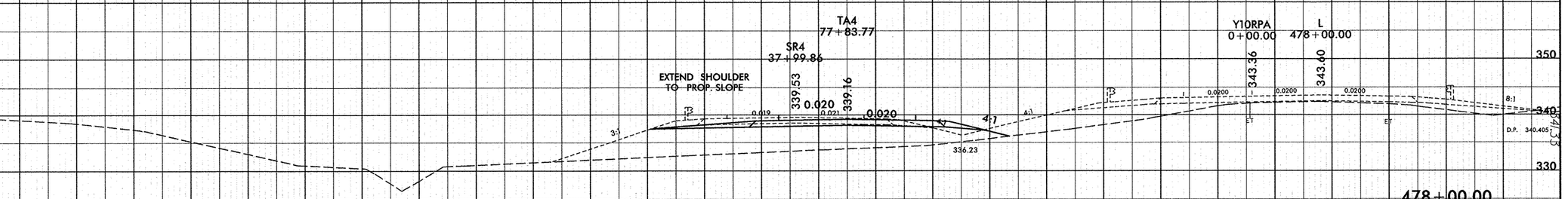
8/23/99

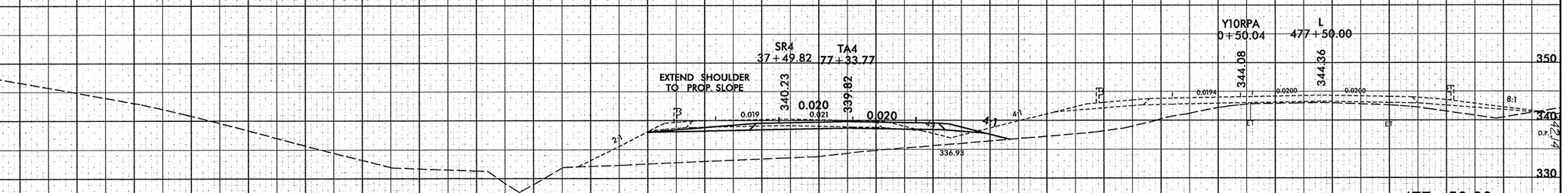
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-40

310 300 290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10









-L- (0' – 320' LT)

2/28/2013
F:\roadway\xsc\R3421C_Rdy_xpl_det_TA48.dgn
4:56:59 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-41

310 300 290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10

350 340 330

L
481+00.00

SR4
41+00.00

EXTEND SHOULDER TO PROP. SLOPE

EXTEND SHOULDER TO PROP. SLOPE

339.04

335.38

335.22

332.76

TA4
80+83.77

481+00.00

L
480+50.00

SR4
40+49.99

EXTEND SHOULDER TO PROP. SLOPE

339.80

336.08

335.87

333.35

TA4
80+33.77

480+50.00

TA4
79+83.77

SR4
39+99.98

L
480+00.00

EXTEND SHOULDER TO PROP. SLOPE

340.56

336.77

336.53

333.85

480+00.00

TA4
79+33.77

SR4
39+49.97

L
479+50.00

EXTEND SHOULDER TO PROP. SLOPE

341.32

337.46

337.19

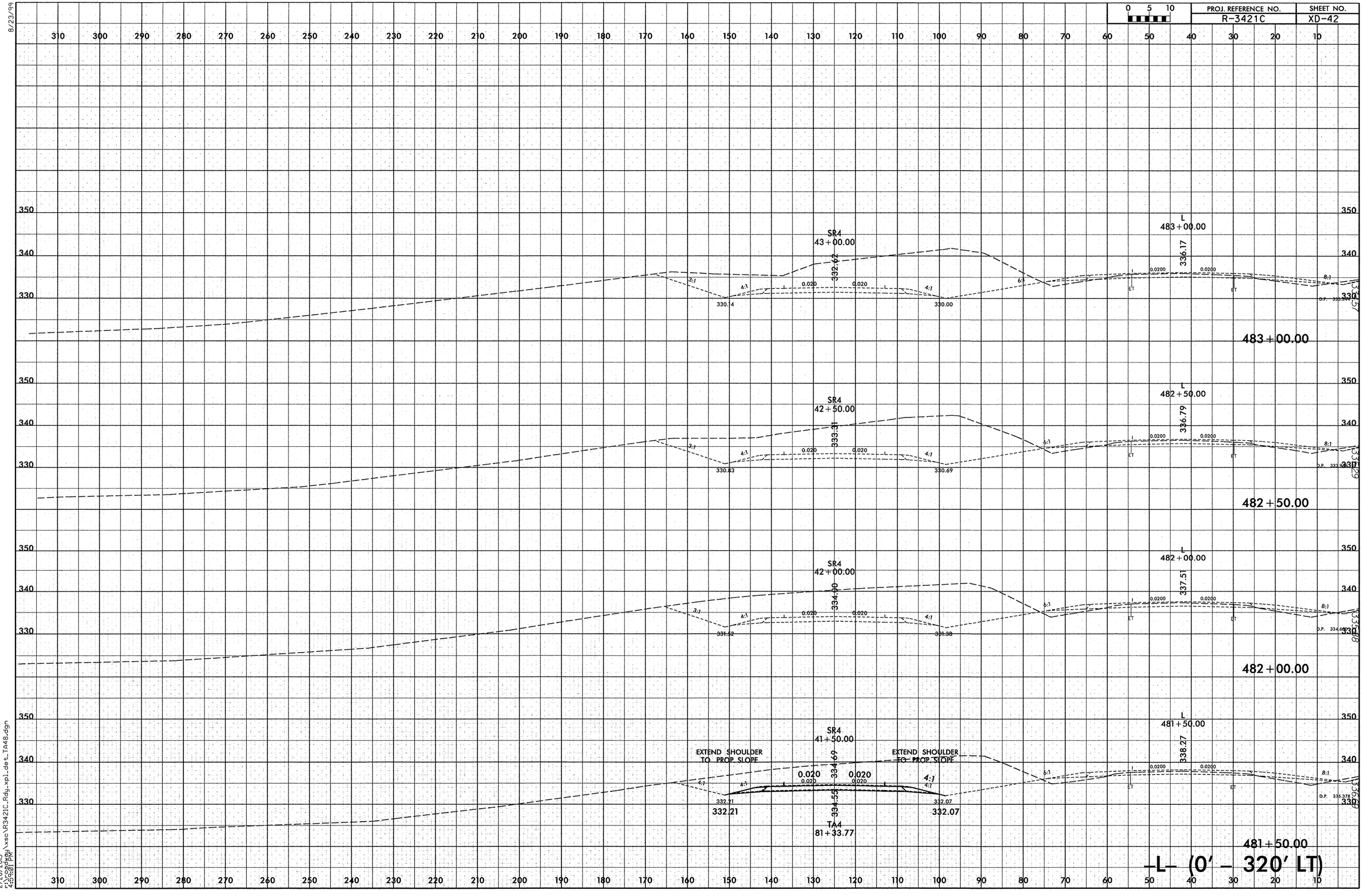
334.29

334.59

479+50.00

-L- (0' - 320' LT)

2/28/2013
1:59:00 PM
I:\roadway\xsec\R3421C_Rdy_xpl_det_TA48.dgn



8/23/99

2/28/2013
r:\roadway\xsc\R3421C_Rdy_xpl_det_TA48.dgn
4:59:01 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-43

10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310

400
390
380

L
447+50.00
382.86
8:1
0.0200
0.0195
0.0195
6:1
ET
ET
379.571
378.90
447+50.00

SR2
101+51.23
386.47
4:1
0.020
0.020
8%
4:1
3:1
3.7%
DRIVE @
101+36 RT.
383.99

L
447+00.00
381.65
8:1
0.0200
0.0095
0.0095
6:1
ET
ET
378.350
377.62
447+00.00

SR2
101+00.76
385.43
4:1
0.020
0.020
4:1
3:1
382.95

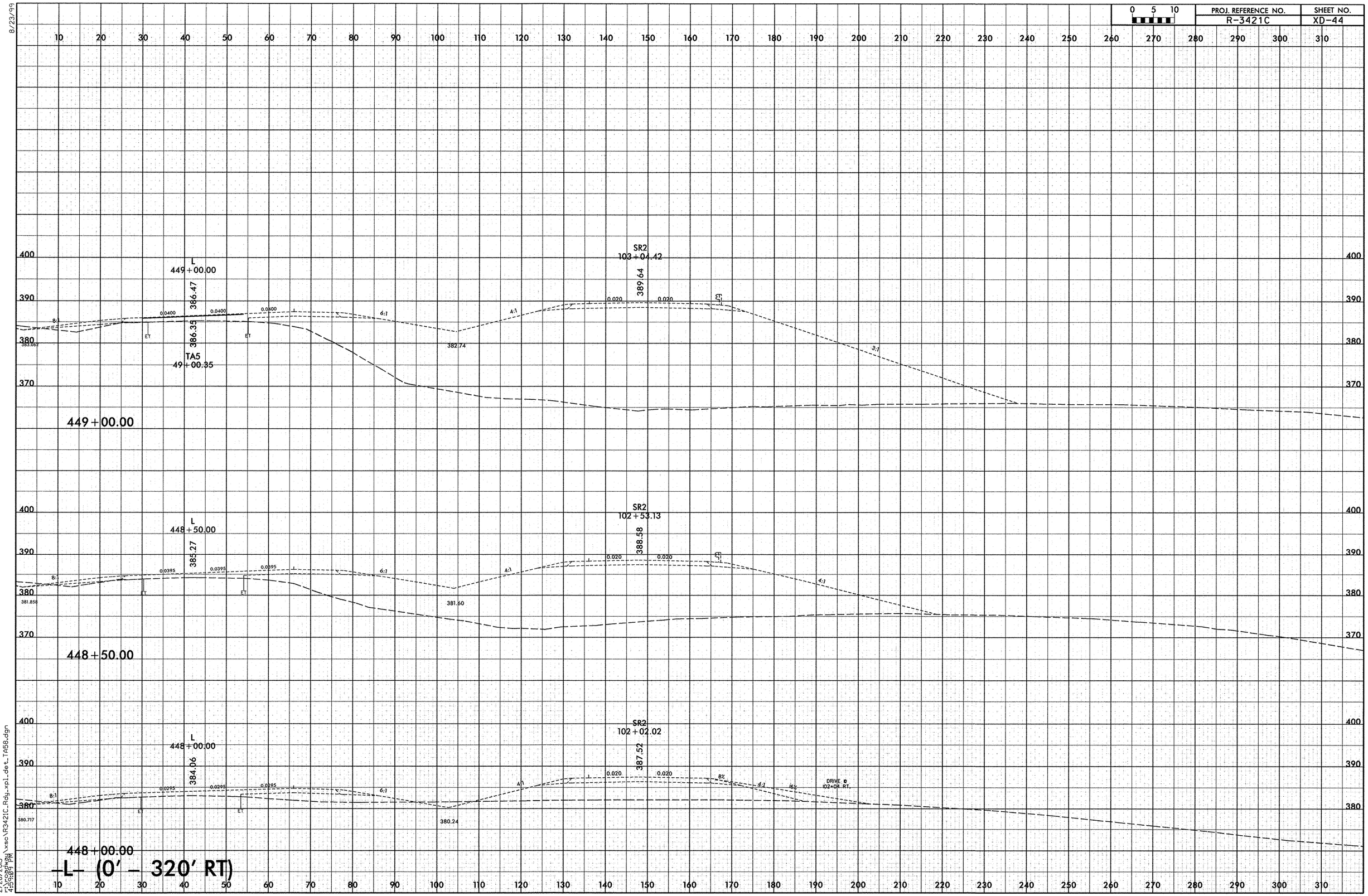
L
446+50.00
380.44
8:1
0.0200
0.0005
0.0005
6:1
ET
ET
377.145
376.32
446+50.00

SR2
100+50.61
384.34
4:1
0.020
0.020
4:1
3:1
381.86

L
446+00.00
379.24
8:1
0.0200
0.0105
0.0105
6:1
ET
ET
375.939
374.97
446+00.00
–L– (0' – 320' RT)

SR2
100+00.61
383.13
4:1
0.020
0.020
4:1
3:1
380.65

2/28/2013
F:\roadway\xsc\R3421C_Rdy_xsl_det_TA58.dgn
4:15:08 PM



8/23/99

2/28/2013
r:\roadway\xsc\R3421C_Rdy_xpl_det_TA58.dgn
4:59:09 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-45

L
450+00.00
388.88
388.76
TA5
50+01.08

SR2
104+07.02
391.75

8:1 0.0400 0.0400 0.0400 6:1 6:1 4:1 4:1 0.020 0.020 2:1
ET ET
385.537 385.45 385.59

450+00.00

L
449+50.00
387.68
387.55
TA5
49+50.71

SR2
103+55.72
390.69

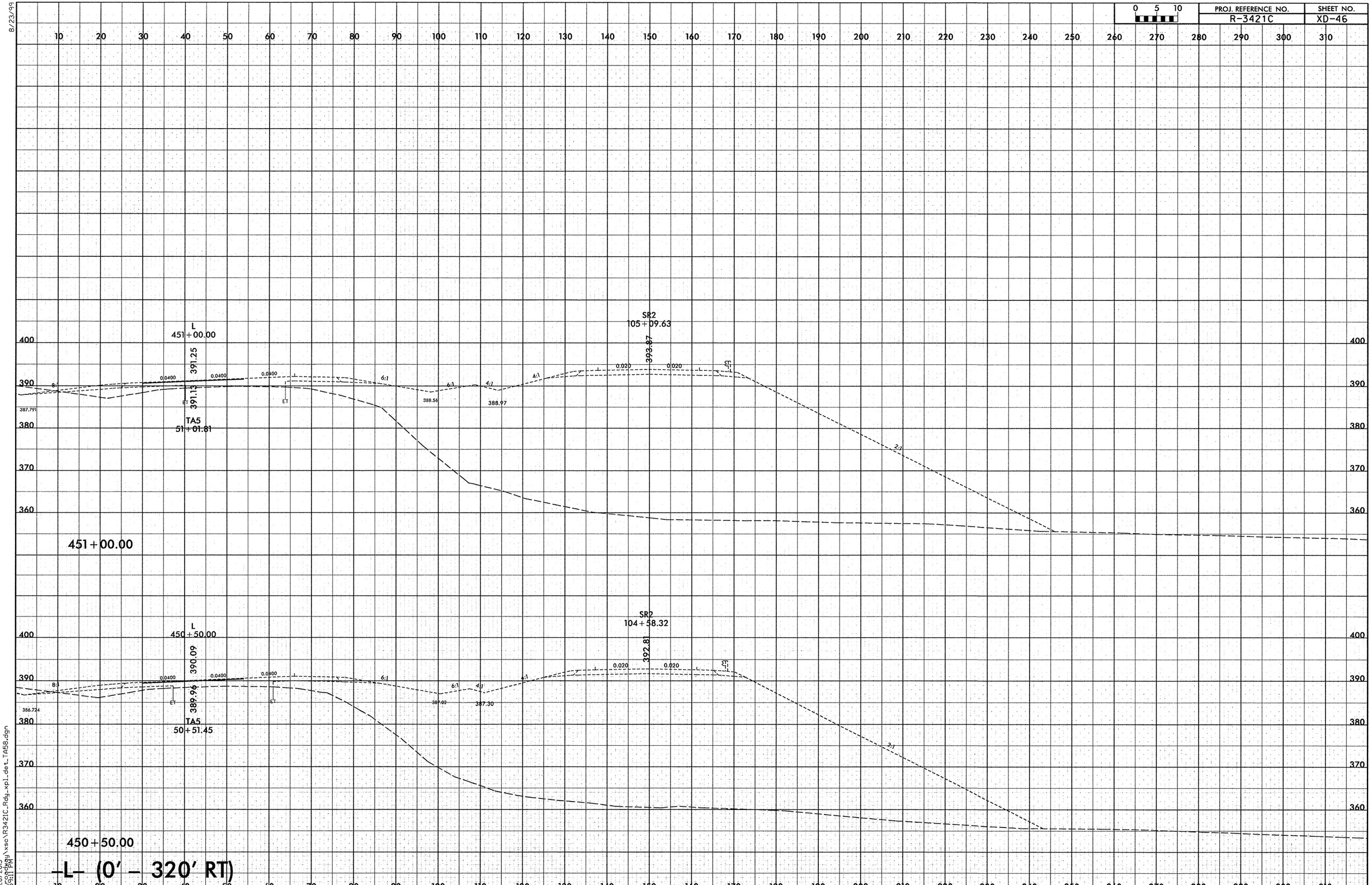
8:1 0.0400 0.0400 0.0400 6:1 4:1 0.020 0.020 2:1
ET ET
383.87

449+50.00

–L– (0' – 320' RT)

2/28/2013
F:\roadway\xsc\R3421C_Rdy_xpl_det_TA68.dgn
4:59:10 PM

PROJ. REFERENCE NO.	SHEET NO.
R-3421C	XD-46

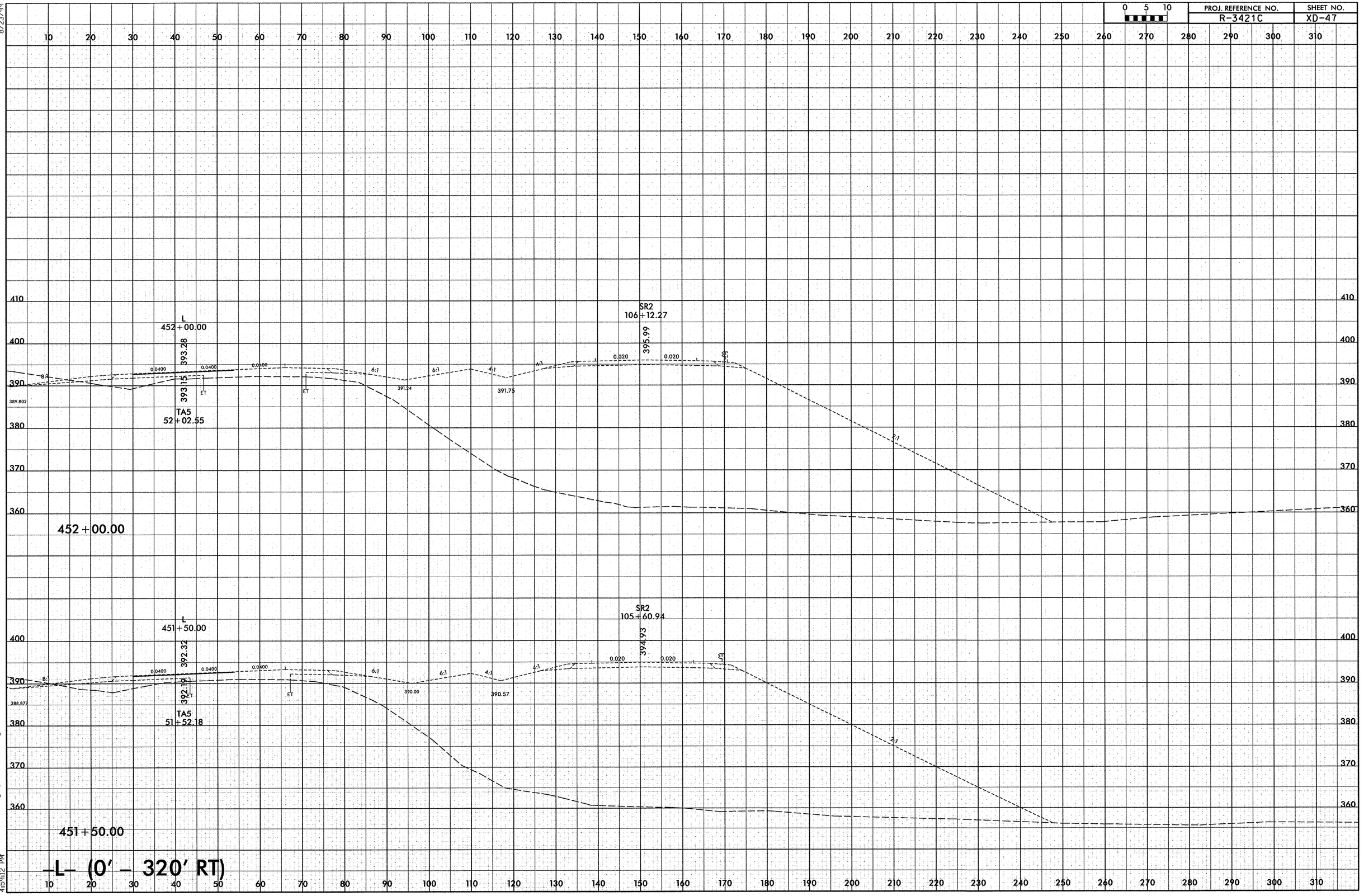


8/23/99

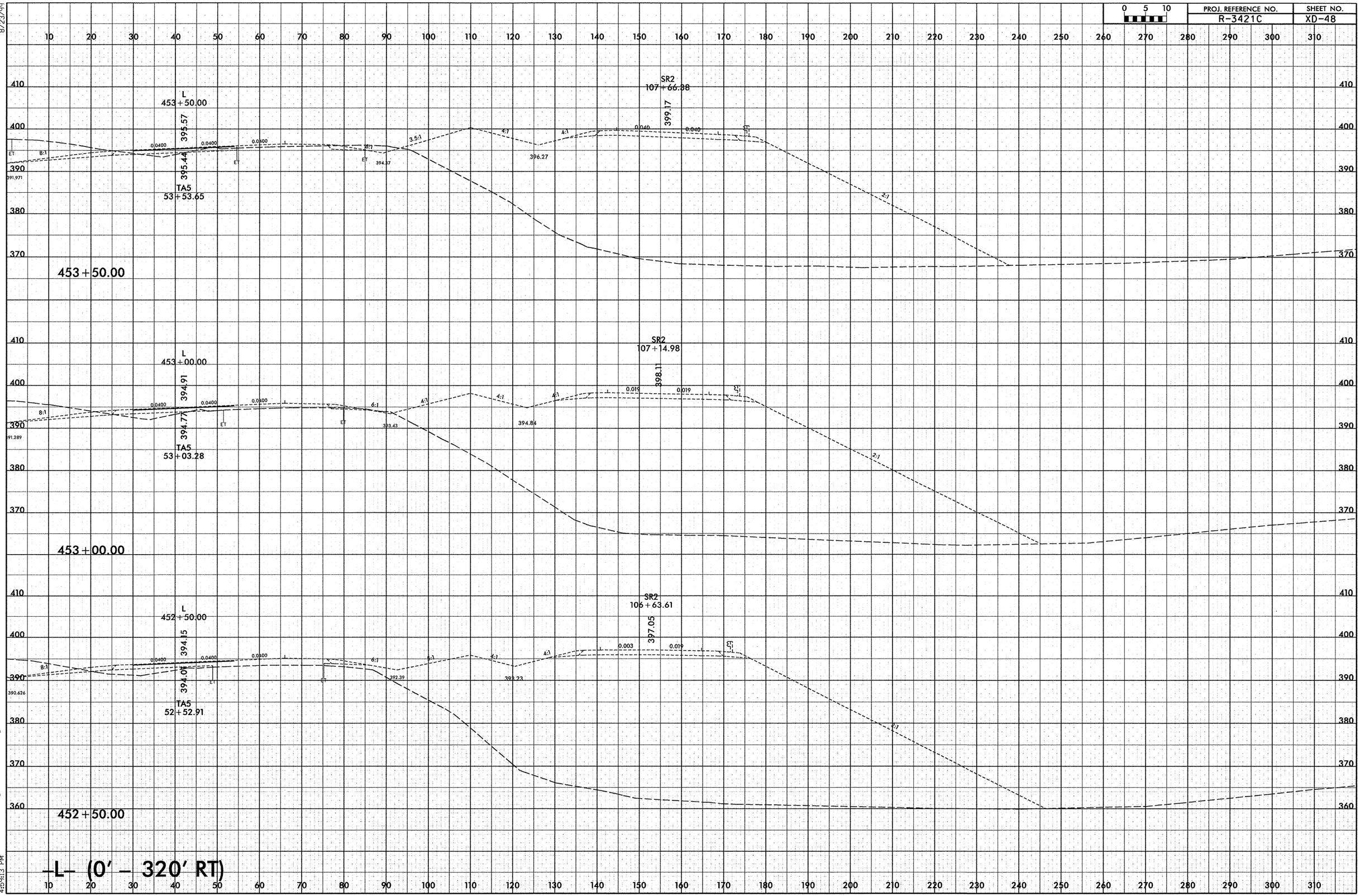
2/28/2013
r:\roadway\xsc\R3421C_Rdy_xpl_det_TA58.dgn
4:59:11 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-47



2/28/2013
C:\Projects\xsc\R3421C_Rdy_xpl_det_TA58.dgn
4:55:12 PM

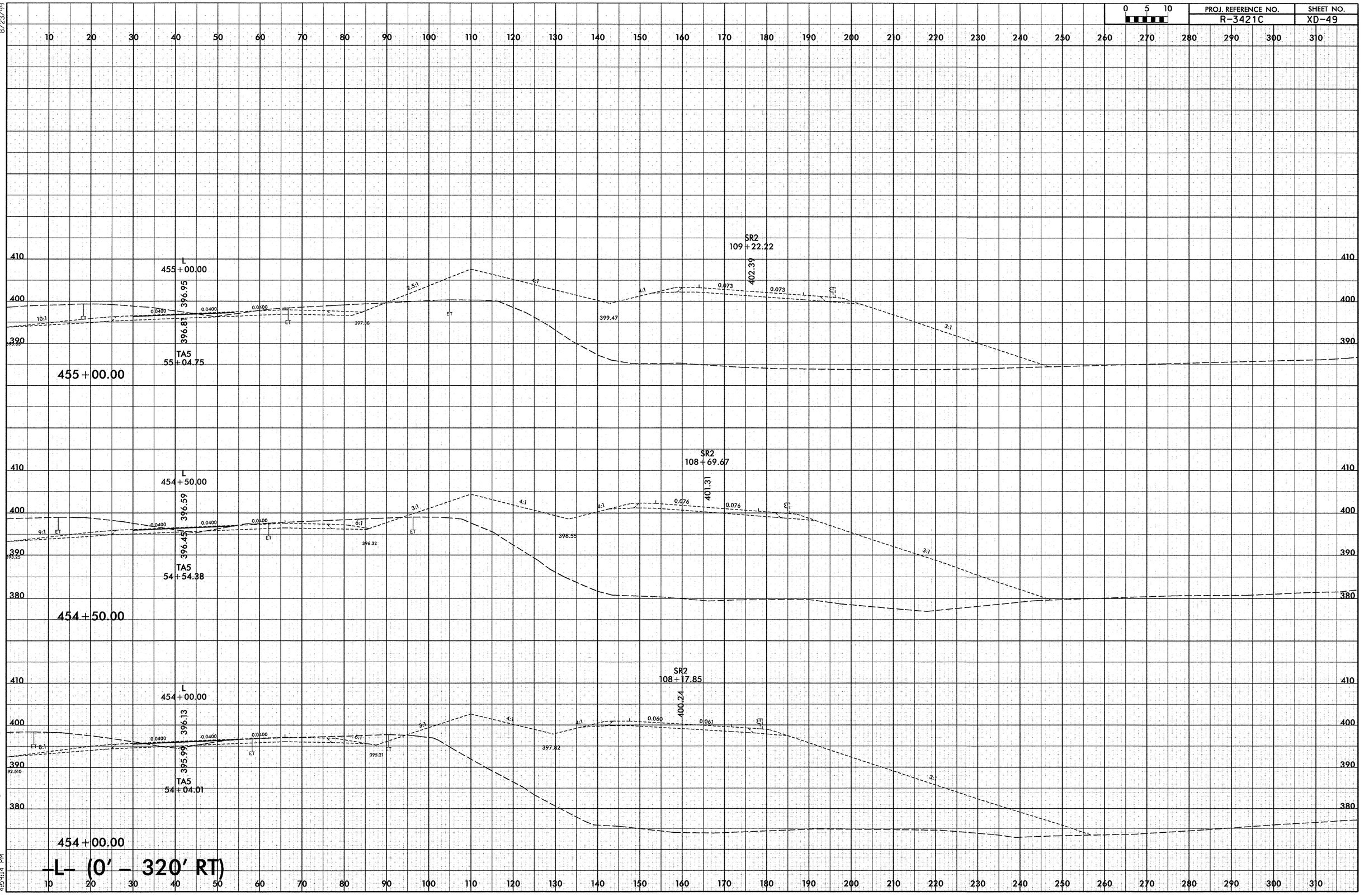


8/23/99

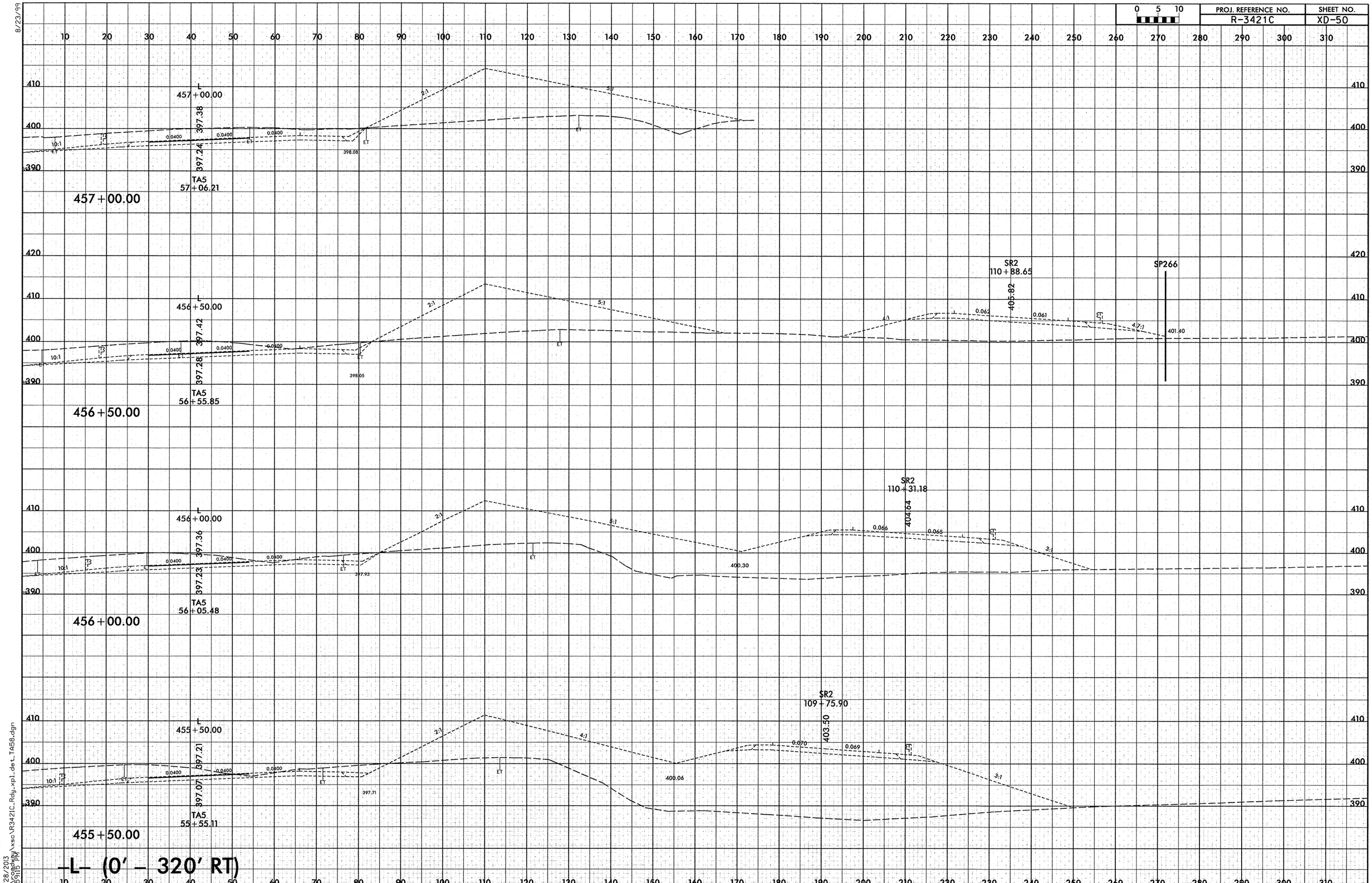
2/28/2013
r:\roadway\xsc\R3421C_Rdy_xpl_det_TA58.dgn
4:59:13 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-49



2/28/2013
I:\roadway\xsc\R3421C_Rdy_xpl_det_TA58.dgn
4:15:14 PM



8/23/99

2/28/2013
r:\roadway\xsc\R3421C_Rdy_xpl_det_TA58.dgn
4:59:15 PM

8/23/99

PROJ. REFERENCE NO. R-3421C

SHEET NO. XD-51

0 5 10

L
459+50.00

TA5
59+58.04

459+50.00

L
459+00.00

TA5
59+07.68

459+00.00

L
458+50.00

TA5
58+57.31

458+50.00

L
458+00.00

TA5
58+06.95

458+00.00

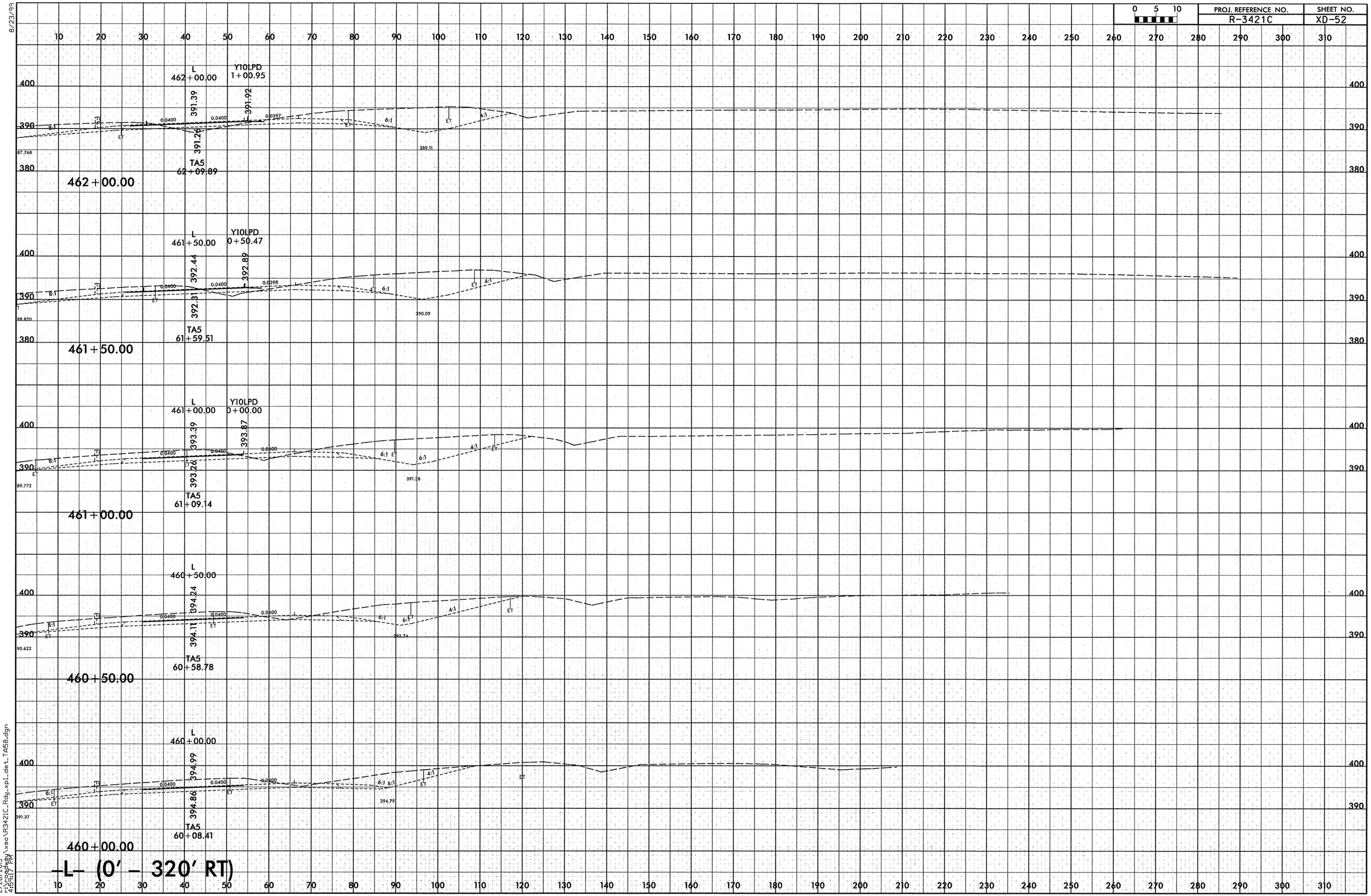
L
457+50.00

TA5
57+56.58

457+50.00

–L– (0' – 320' RT)

2/28/2013
I:\roadway\xsc\R3421C_Rdy_xpl_det_TA58.dgn
4:59:16 PM



8/23/99

2/28/2013
r:\roadway\xsc\R3421C_Rdy_xpl_det_TA58.dgn
4:59:17 PM

8/23/99

0 5 10

PROJ. REFERENCE NO.	SHEET NO.
R-3421C	XD-53

10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310

L
464+50.00

TA5
64+62.14

Y10LPD
3+54.85

384.61 384.56 384.97

0.033 0.033

0.0400 0.0400 0.0013 0.0338 0.0417

7.870:1 6:1 3:1

80.952 380.65

464+50.00

L
464+00.00

TA5
64+11.61

Y10LPD
3+03.35

386.17 386.05 386.62

0.038 0.038

0.0400 0.0400 0.017 0.000 0.022

7.689:1 6:1 3:1

82.449 382.88

464+00.00

L
463+50.00

Y10LPD
2+52.54

387.63 387.50 388.21

0.039 0.039

0.0400 0.0400 0.017 0.0031

8:1 6:1 3:1

384.69

463+50.00

L
463+00.00

Y10LPD
2+01.97

388.98 388.86 389.62

0.0400 0.0400 0.0045 0.0150

8:1 6:1 3.43:1

85.360 386.32

463+00.00

L
462+50.00

Y10LPD
1+51.45

390.23 390.11 390.85

0.0400 0.0400 0.000

8:1 6:1 4:1

86.614 387.90

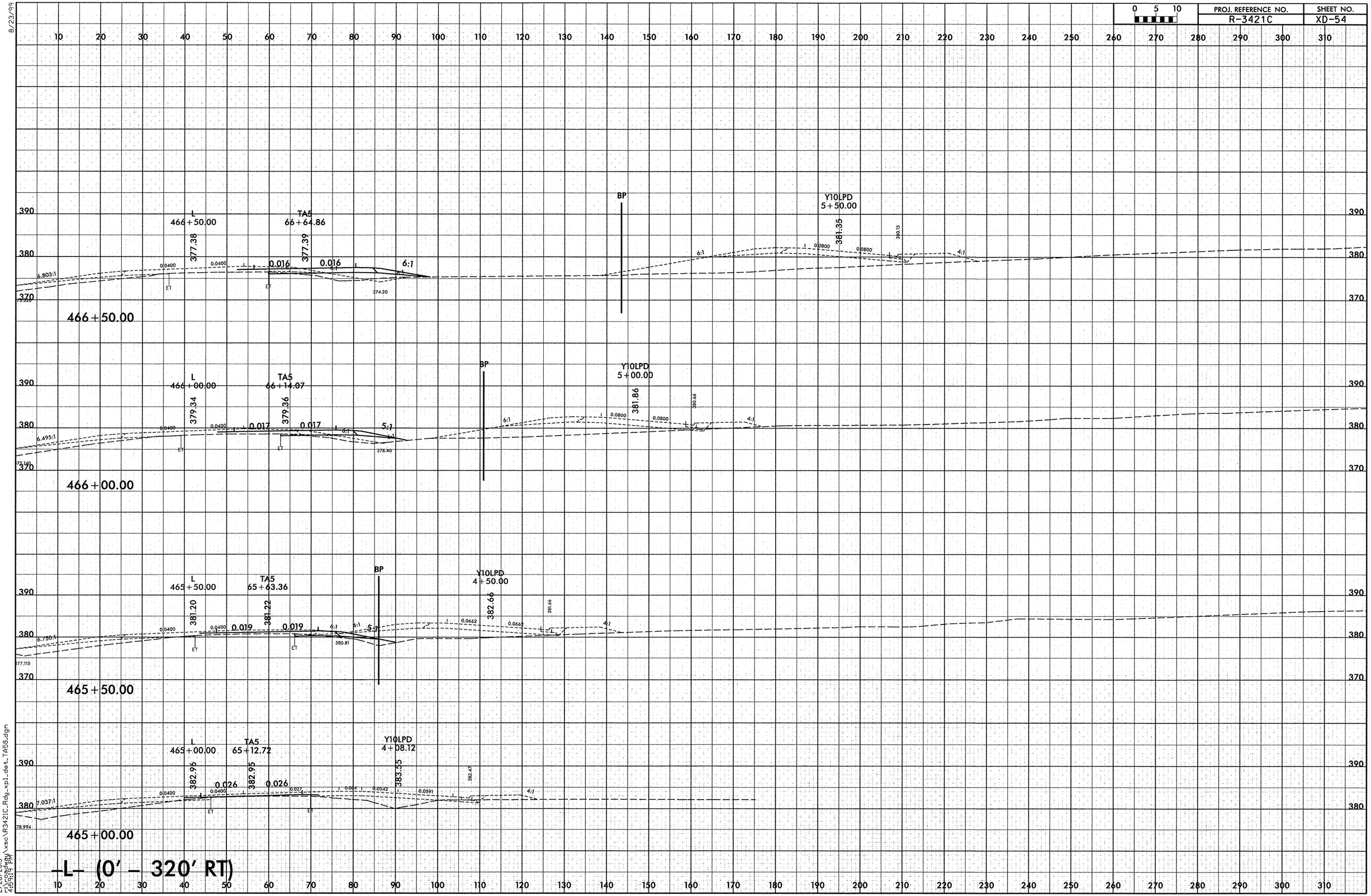
462+50.00

—L— (0′ – 320′ RT)

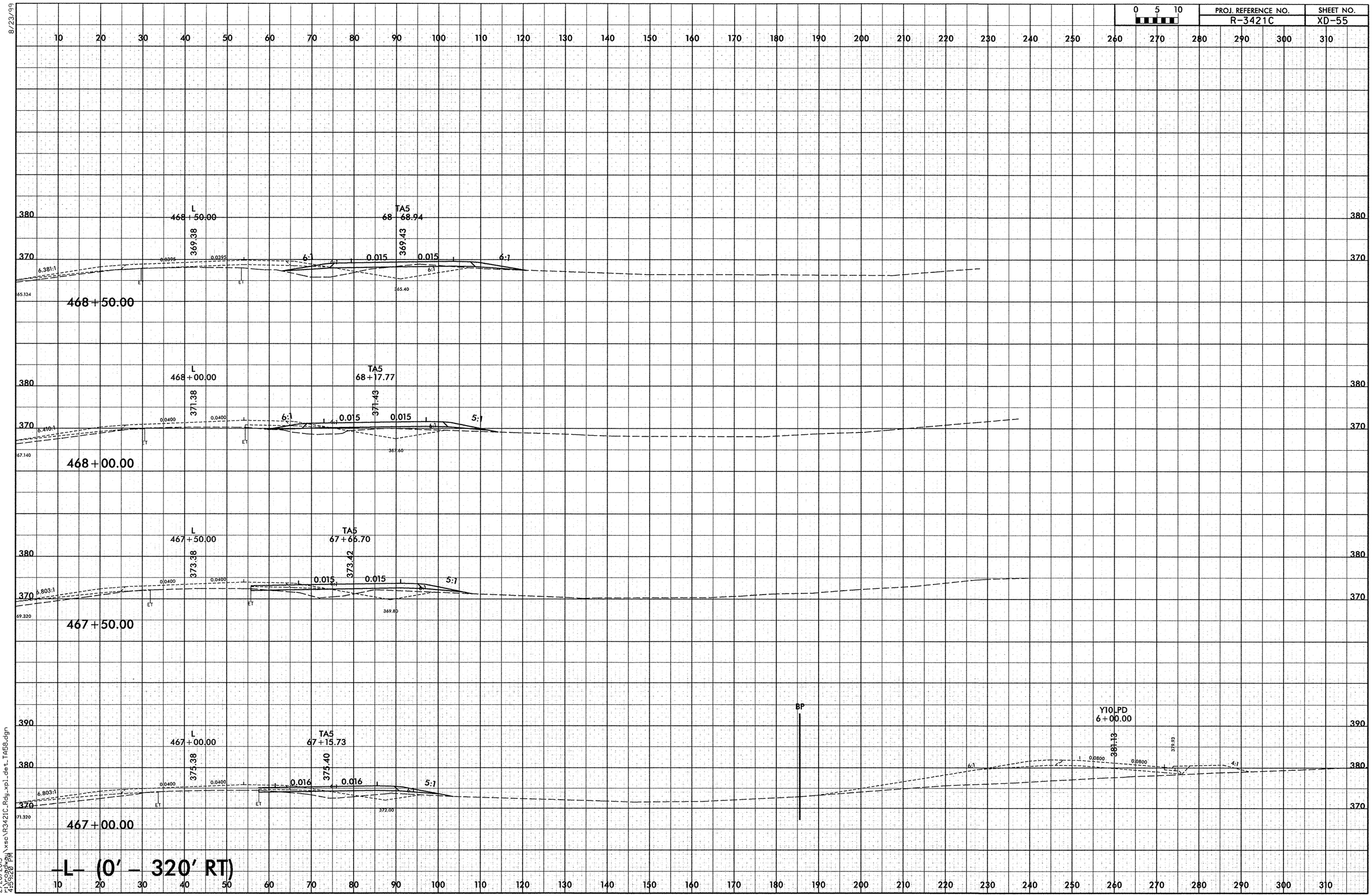
2/28/2013
1:50:18 PM
I:\roadway\xsc\R3421C_Rdy_xpl_det_TA5B.dgn

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-54

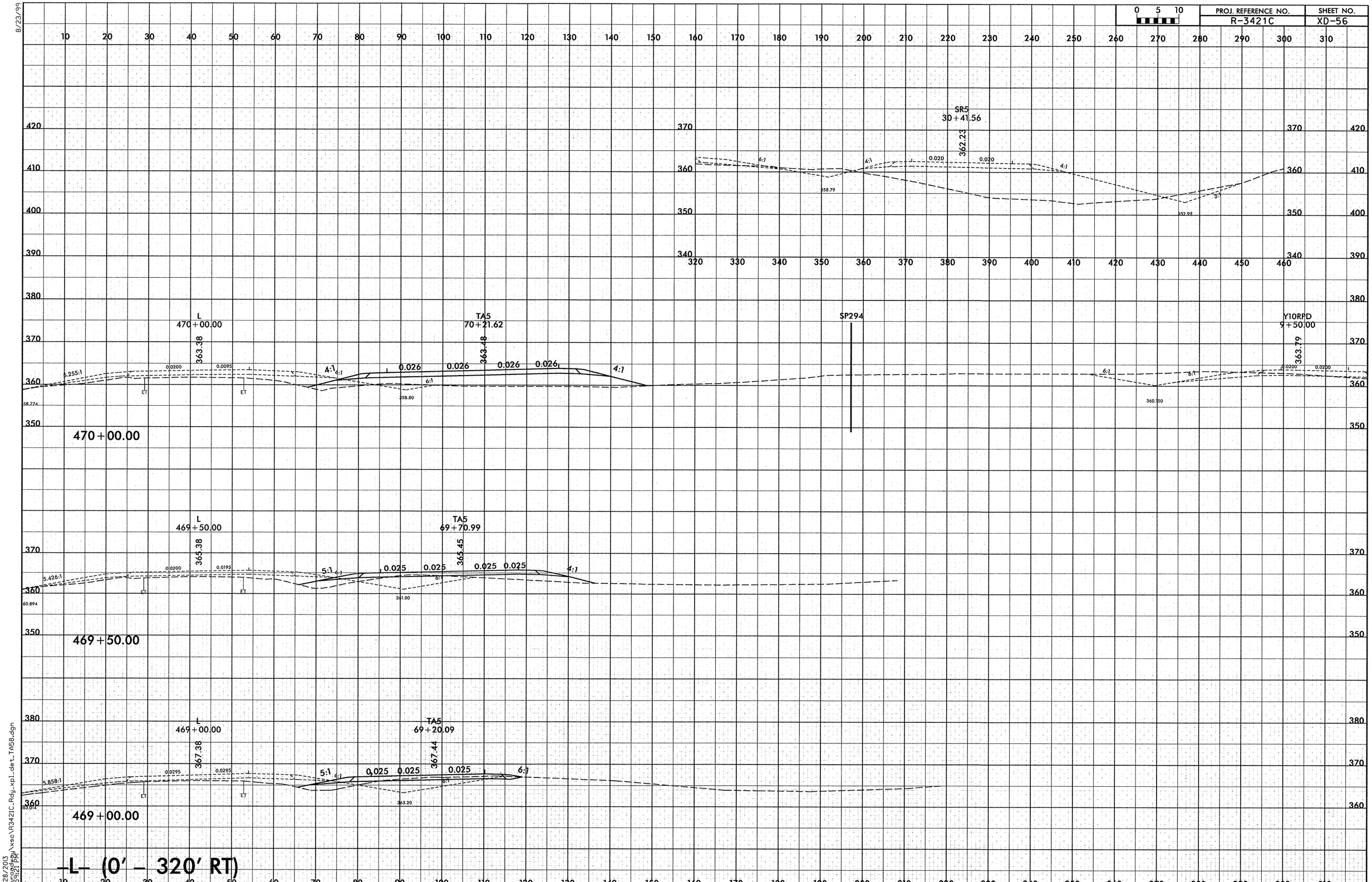


2/28/2013
I:\roadway\xsc\R3421C_Rdy_xpl_det_TA5B.dgn
4:59:19 PM



8/23/99

2/28/2013
r:\roadway\xsc\R3421C_Rdy_xpl_det_TA58.dgn
4:59:20 PM

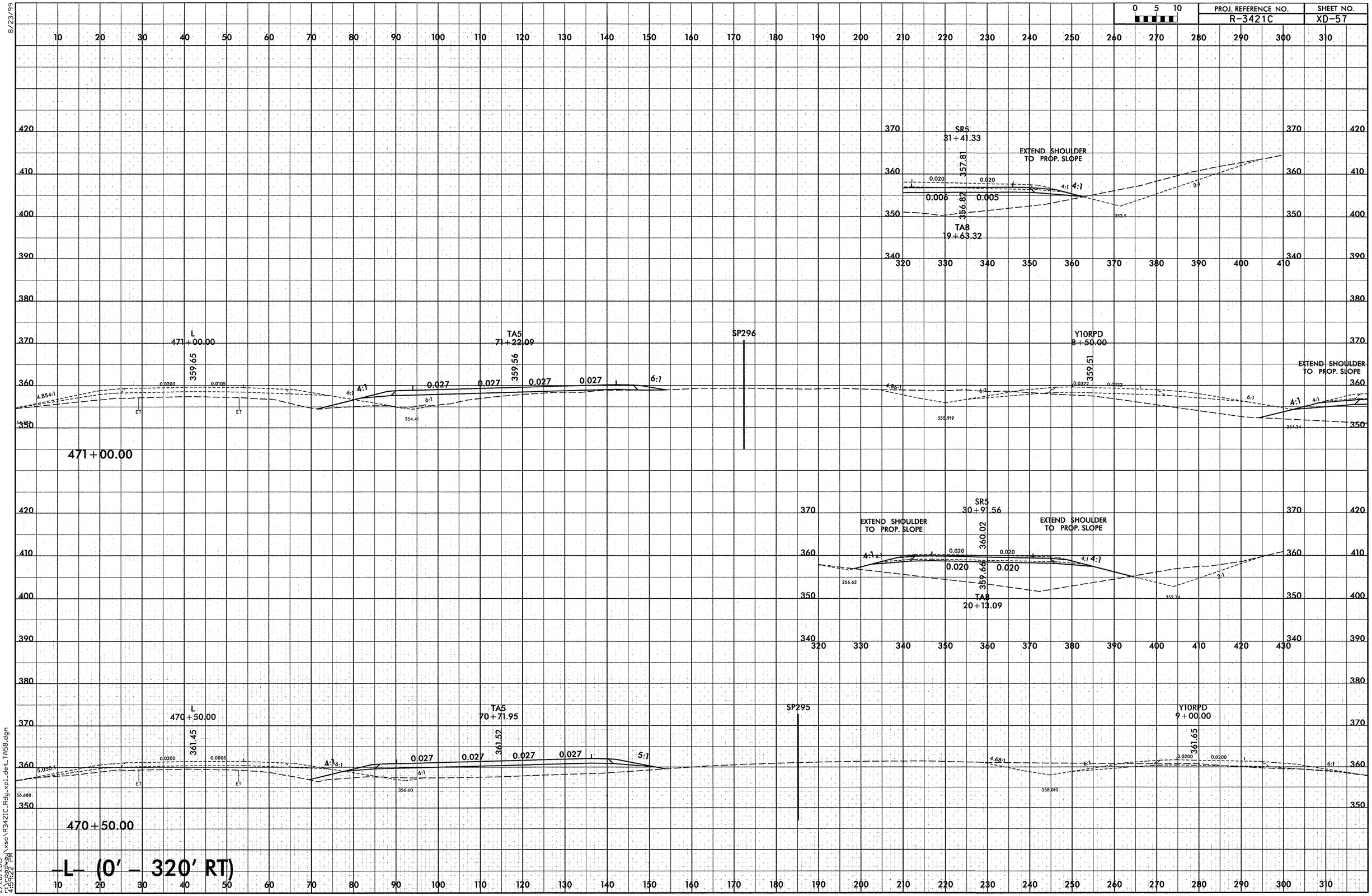


8/23/99

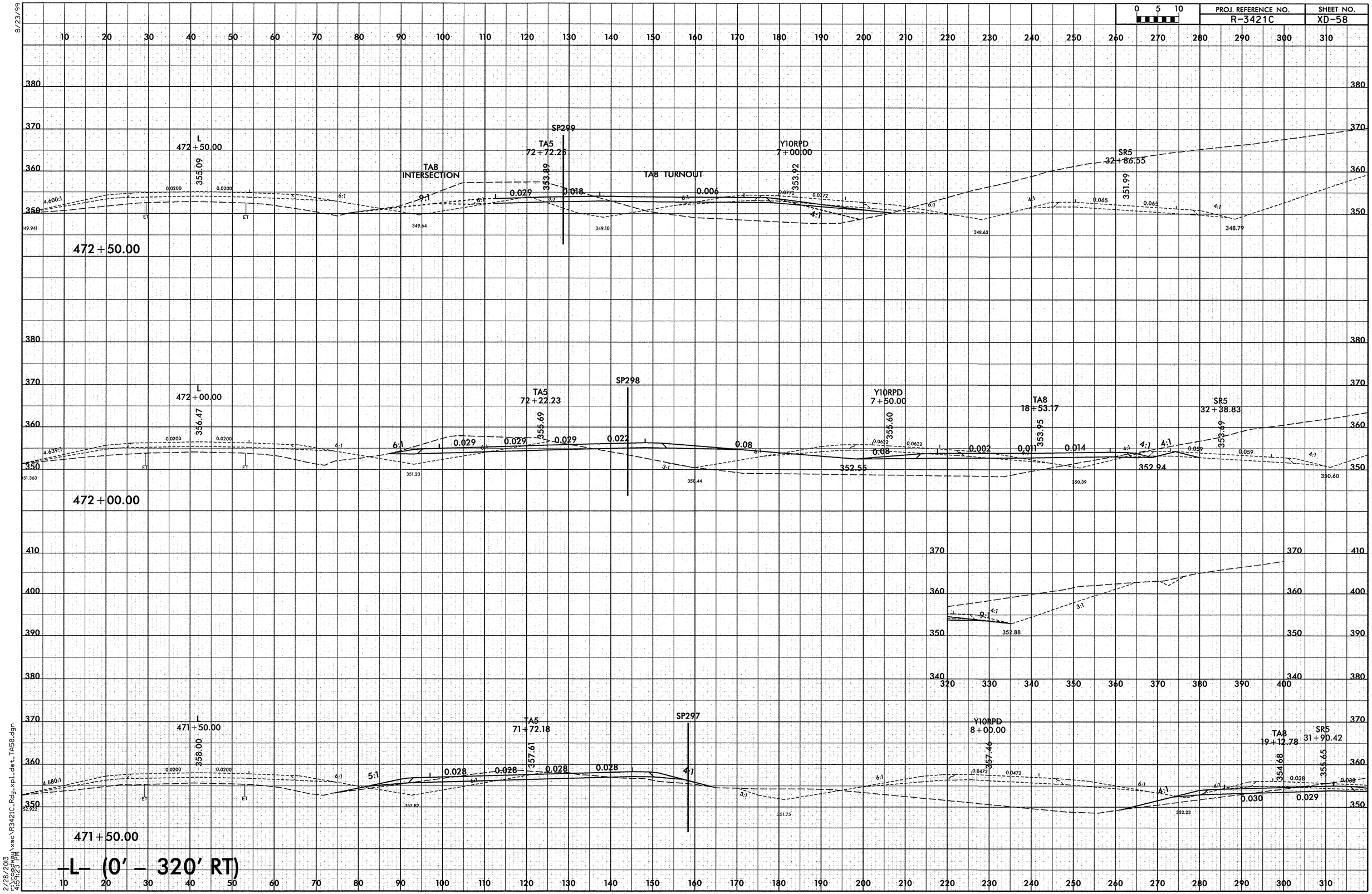
2/28/2013
r:\roadway\xsc\R3421C_Rdy_xpl_det_TA58.dgn
4:59:21 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-57



2/28/2013
4:59:22 PM
I:\roadway\xsc\R3421C_Rdy_xpl_det_TA58.dgn



8/23/99

2/28/2013
r:\roadway\xsc\R3421C_Rdy_xpl_det_TA58.dgn
4:59:23 PM

8/23/99

PROJ. REFERENCE NO.	SHEET NO.
R-3421C	XD-59

0 5 10

10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310

380 370 360 350 340 390

L
474+00.00

351.75

BP

Y10RPD
5+50.00

349.99

SR5
34+28.37

348.23

4.492:1 | 0.0200 | 0.0200 | 6:1 | 5:1 | 4:1 | 4:1 | 0.011 | ±0.0800 | 0.027 | 0.0800 | 4:1 | 4:1 | 0.020 | 4:1 | 0.065 | 0.065 | 4:1 | 3:1

ET ET

346.502 346.82 347.62 349.00 347.39 344.84 345.03

TA5
74+34.54

474+00.00

L
473+50.00

352.78

BP

TA5
73+81.34

350.44

Y10RPD
6+00.00

351.12

SR5
33+81.09

349.26

4.527:1 | 0.0200 | 0.0200 | 6:1 | 6:1 | 0.009 | 0.014 | ±0.0800 | 4:1 | 4:1 | 0.020 | 4:1 | 0.065 | 0.065 | 4:1 | 3:1

ET ET

347.511 346.46 349.03 345.85 346.07

473+50.00

L
473+00.00

353.84

SP300

TA5
73+26.76

352.09

Y10RPD
6+50.00

352.43

SR5
33+33.82

350.52

4.563:1 | 0.0200 | 0.0200 | 6:1 | 4:1 | 6:1 | 0.009 | 0.005 | 4:1 | 4:1 | 4:1 | ±0.0800 | 0.020 | 4:1 | 0.065 | 0.065 | 4:1 | 3:1

ET ET

348.657 348.05 347.79 350.91 347.14 347.32

473+00.00

–L– (0′ – 320′ RT)

2/28/2013
I:\roadway\xsc\R3421C_Rdy_xpl_det_TA58.dgn
4:19:25 PM

8/23/99

PROJ. REFERENCE NO.	SHEET NO.
R-3421C	XD-60

0 5 10

10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310

360 350 340

L
476+00.00
348.95
Y10RPD
3+56.38
347.37
TA5
76+22.25
345.11
SR5
35+97.95
346.05
4.162:1
0.0200
0.0200
0.0776
0.0776
4:1
0.020
0.020
0.062
0.062
8%
16%
25%
3:1
DRIVE e
35+93 RT.
343.63
342.52
343.63
342.89

476+00.00

L
475+50.00
349.58
BP
Y10RPD
4+04.00
347.76
TA5
75+83.67
345.75
SR5
35+66.54
346.37
4.275:1
0.0200
0.0200
0.0800
0.0800
0.016
0.023
0.065
0.065
3:1
347.92
344.32
342.92
344.22
343.17

475+50.00

L
475+00.00
350.21
BP
Y10RPD
4+53.00
348.33
TA5
75+34.51
346.69
SR5
35+20.15
346.84
4.395:1
0.0200
0.0200
0.0800
0.0800
0.014
0.024
0.065
0.065
3:1
347.57
345.27
343.39
345.21
343.64

475+00.00

L
474+50.00
350.92
BP
Y10RPD
5+02.00
349.08
TA5
74+84.50
347.78
SR5
34+73.78
347.44
4.460:1
0.0200
0.0200
0.0800
0.0800
0.013
0.026
0.020
0.065
0.065
8%
6%
25%
3:1
DRIVE e
35+00 RT.
347.19
346.38
346.20
344.02
344.24

474+50.00

-L- (0' - 320' RT)

2/28/2013
4:15:26 PM
I:\roadway\xsc\R3421C_Rdy_xpl_det_TA5B.dgn

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-61

10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310

360 350 340

L
478+00.00
Y10RPD
1+55.03
SR5
37+99.94
346.42
346.06
343.99
343.04
EXTEND SHOULDER
TO PROP. SLOPE
0.0200
0.0662
0.064
0.020
4:1
3:1
341.52
341.56
340.80
340.80
TA5
78+22.25

478+00.00

L
477+50.00
Y10RPD
2+05.11
SR5
37+49.77
347.05
346.47
344.50
343.37
0.0200
0.0793
0.064
0.020
341.72
341.89
341.89
341.32
341.32
TA5
77+72.25

477+50.00

L
477+00.00
Y10RPD
2+55.32
TA5
77+22.25
SR5
36+99.43
347.68
346.77
343.62
345.02
0.0200
0.0289
0.063
0.020
341.98
342.34
342.34
341.84

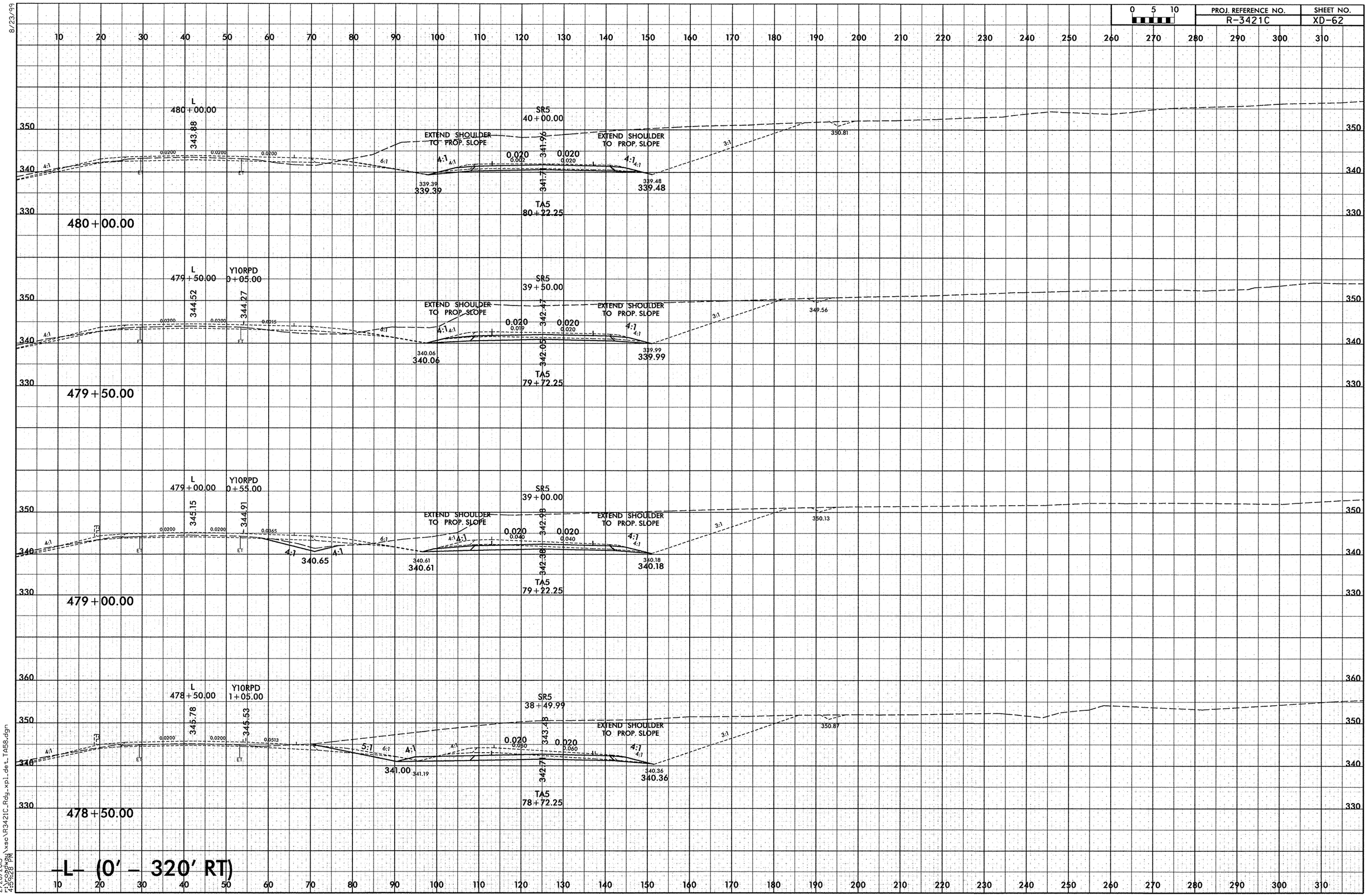
477+00.00

L
476+50.00
Y10RPD
3+05.72
TA5
76+72.25
SR5
36+48.84
348.32
347.97
344.40
345.53
0.0200
0.0783
0.062
0.020
342.92
342.25
342.92
342.36

476+50.00

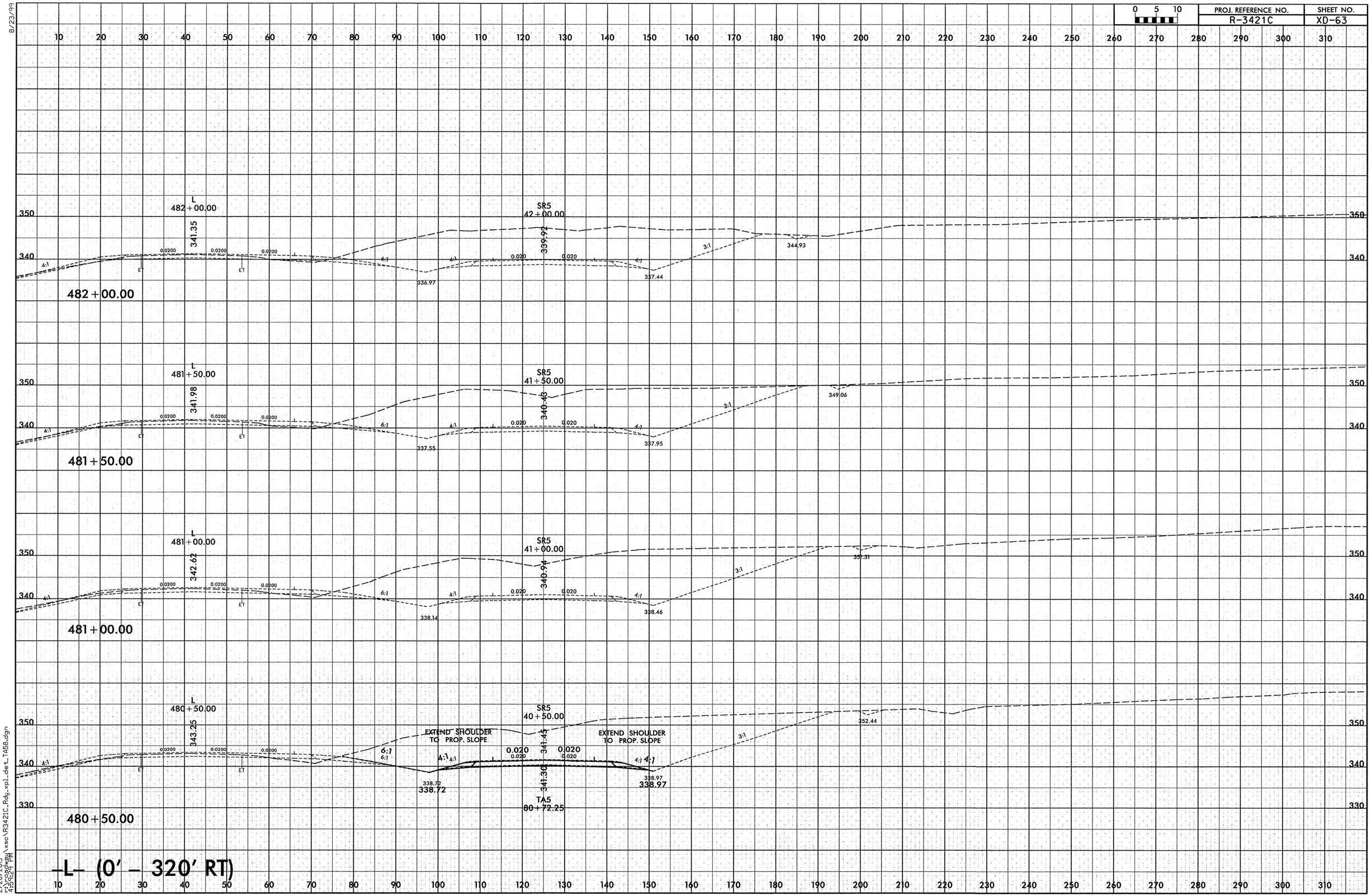
-L- (0' – 320' RT)

2/28/2013
4:15:27 PM
I:\roadway\xsc\R3421C_Rdy_xpl_det_TA58.dgn



8/23/99

2/28/2013
r:\roadway\xsc\R3421C_Rdy_xpl_det_TA58.dgn
4:59:28 PM

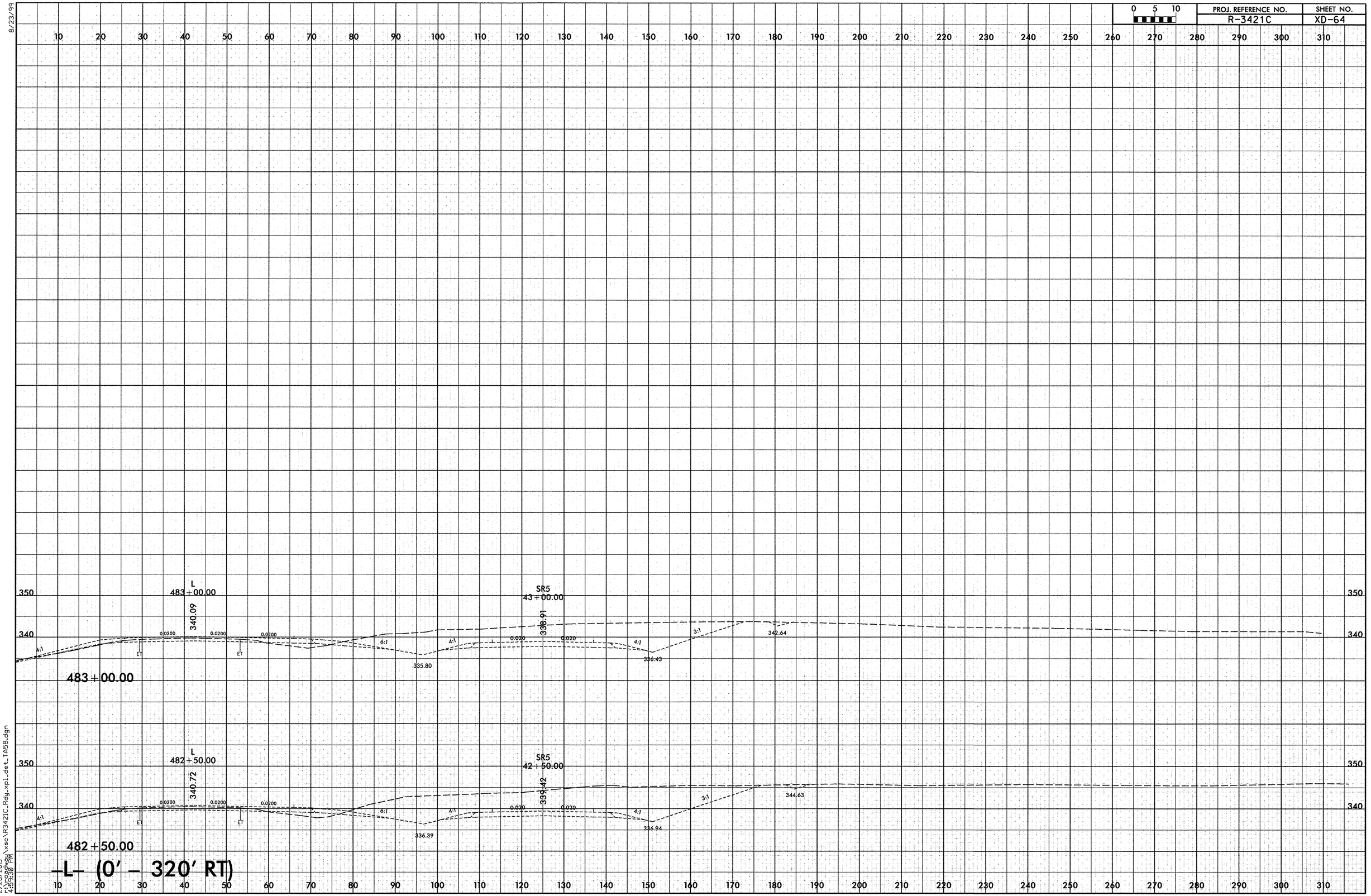


8/23/99

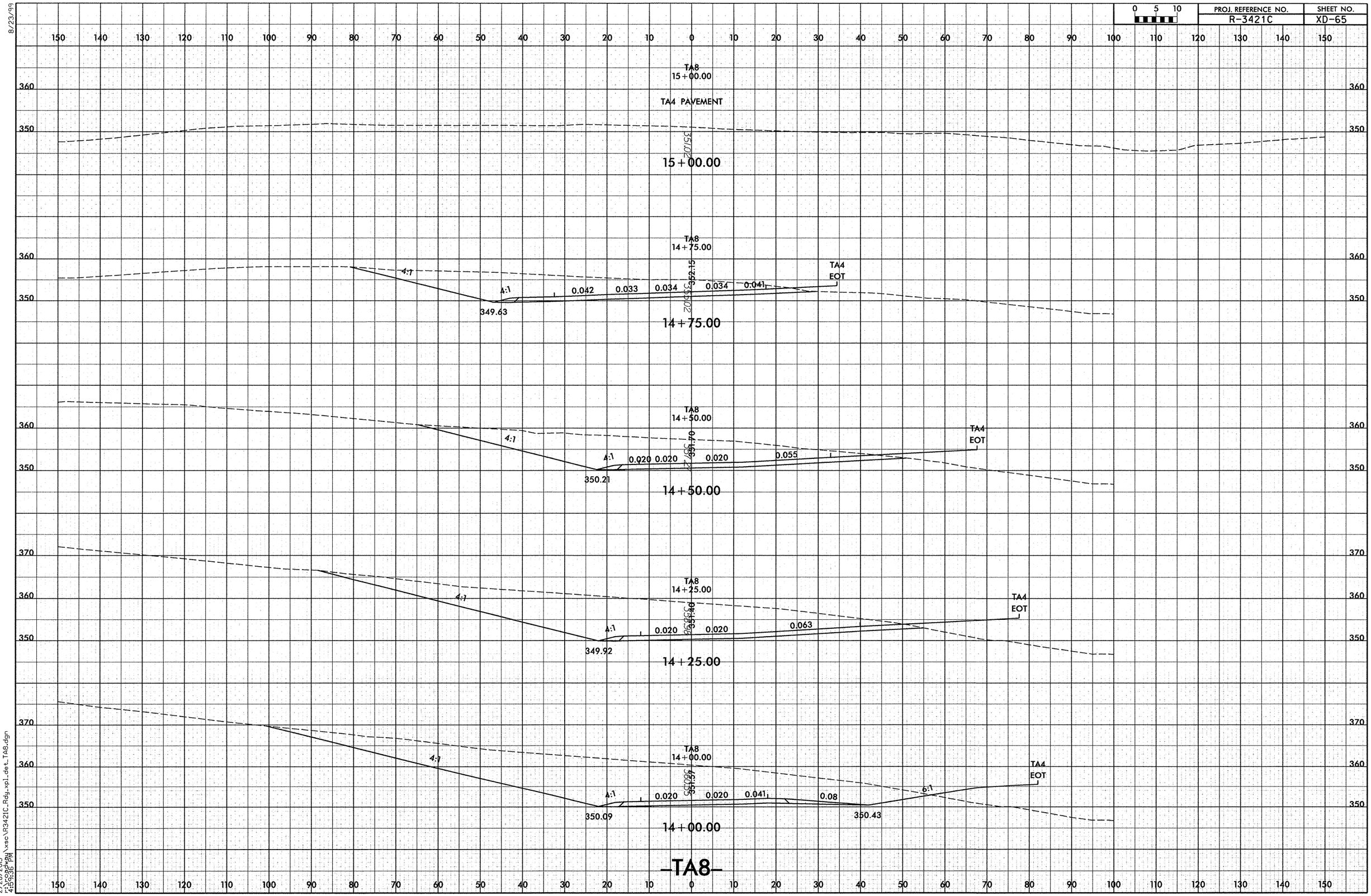
2/28/2013
r:\roadway\xsc\R3421C_Rdy_xpl_det_TA58.dgn
4:59:29 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-64



2/28/2013
r:\roadway\xsc\R3421C_Rdy_xpl_det_TA58.dgn
4:59:30 PM

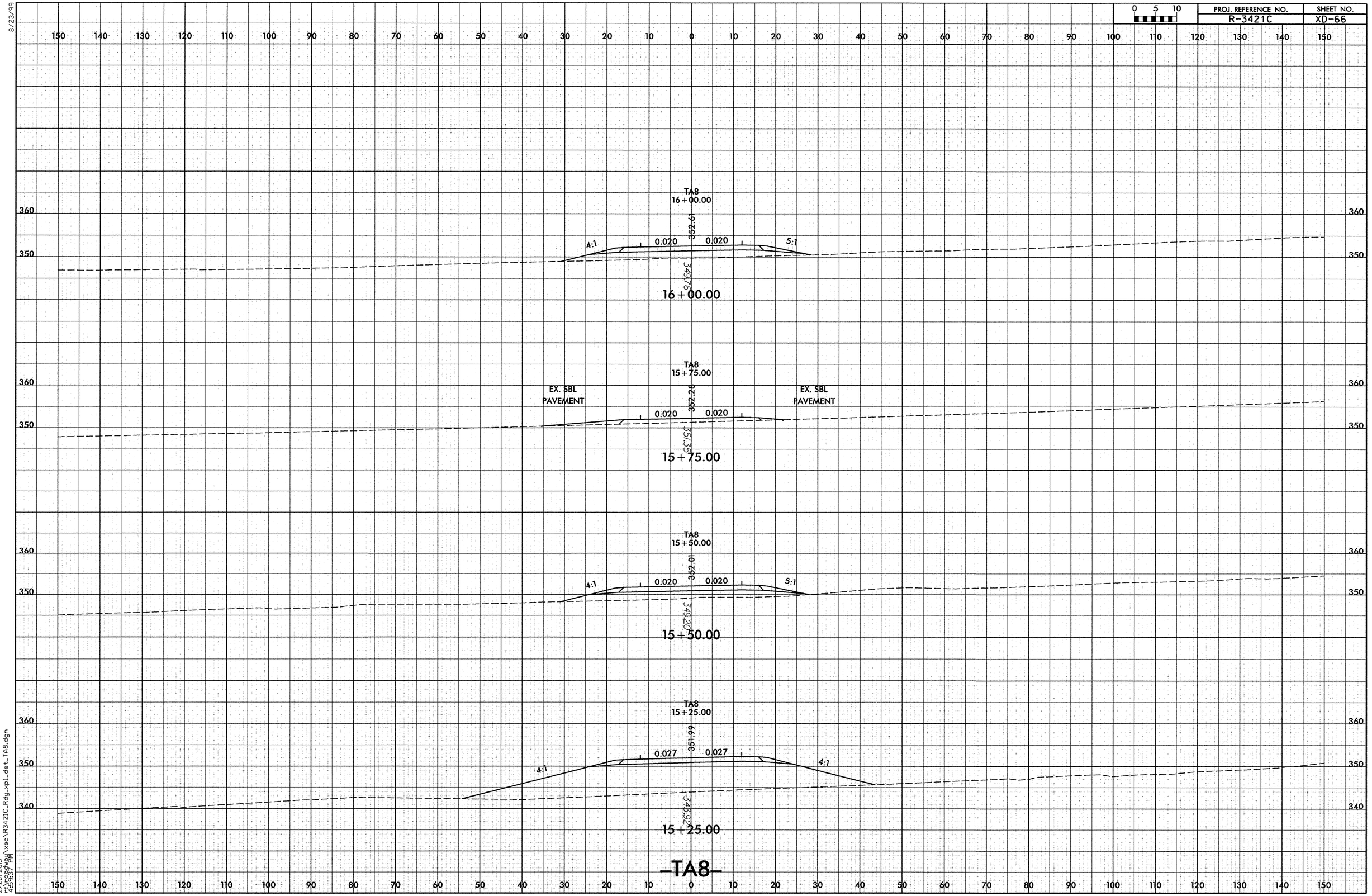


8/23/99

2/28/2013
r:\roadway\xsc\R3421C_Rdy_xpl_det_TA8.dgn
4:59:36 PM

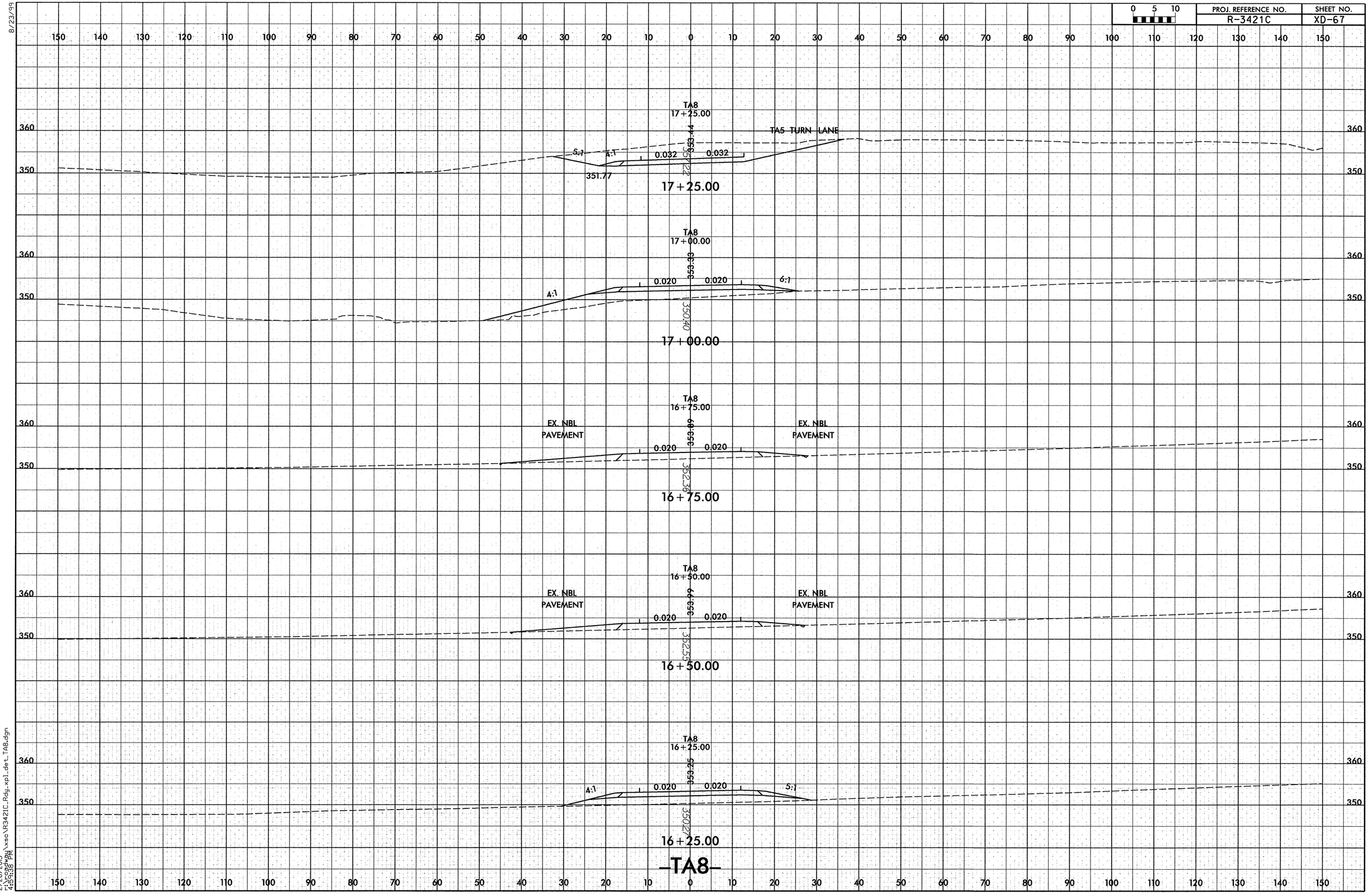
8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-66



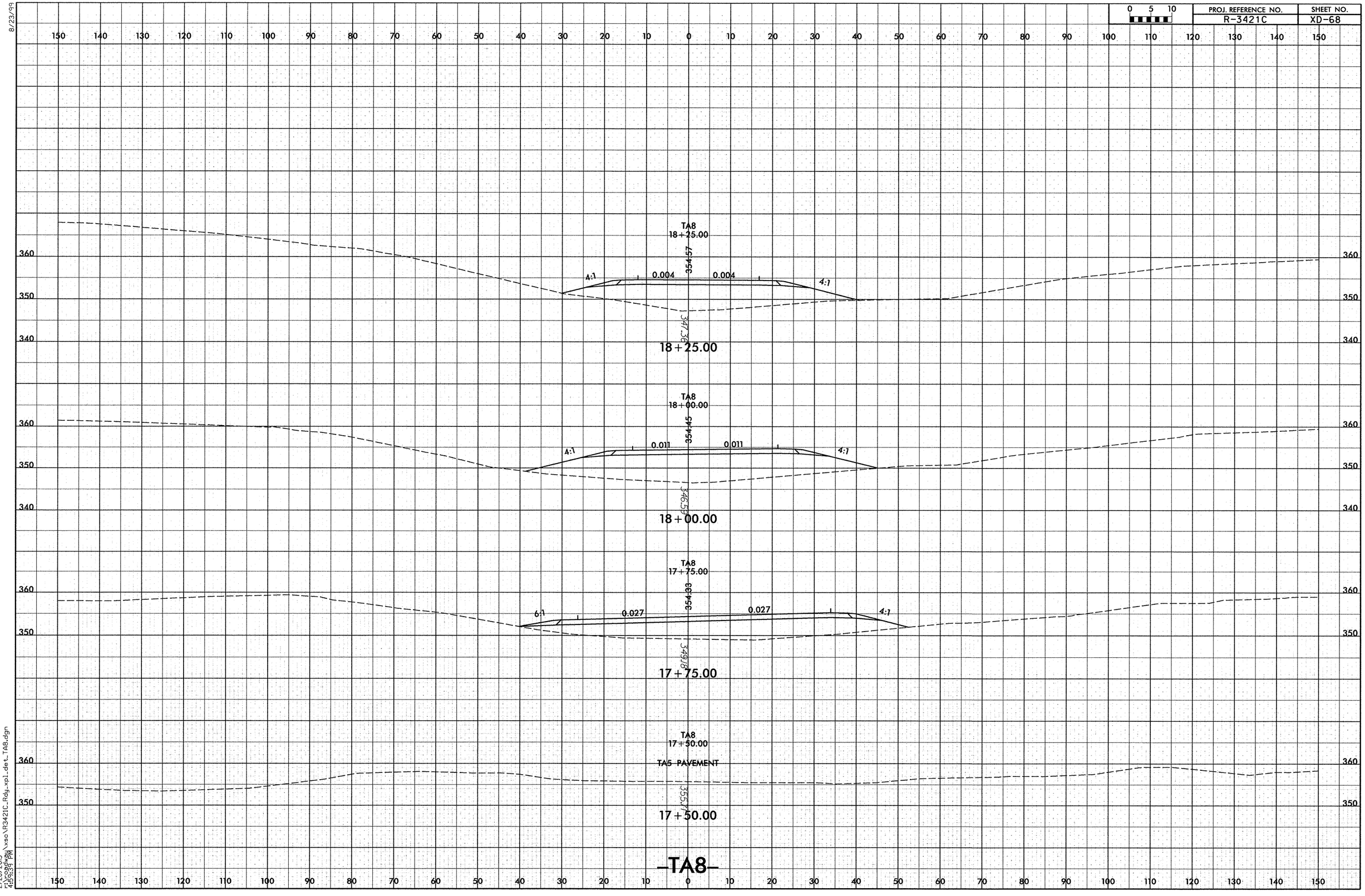
TA8

2/28/2013
P:\Roadway\xse\R3421C_Rdy_xpl_det_TA8.dgn
4:51:37 PM



8/23/99

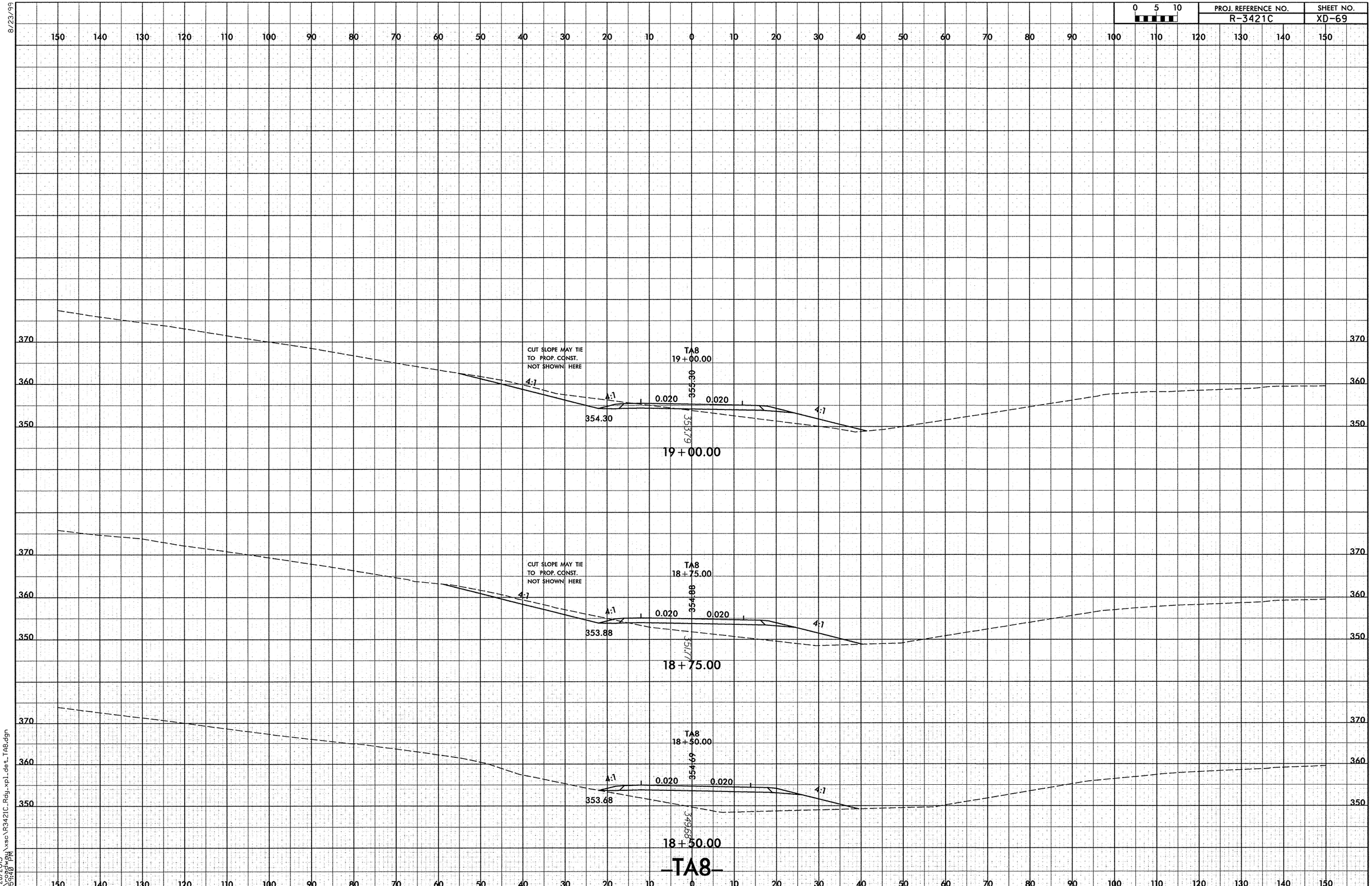
2/28/2013
r:\roadway\xsc\R3421C_Rdy_xpl_det_TA8.dgn
4:59:38 PM



8/23/99

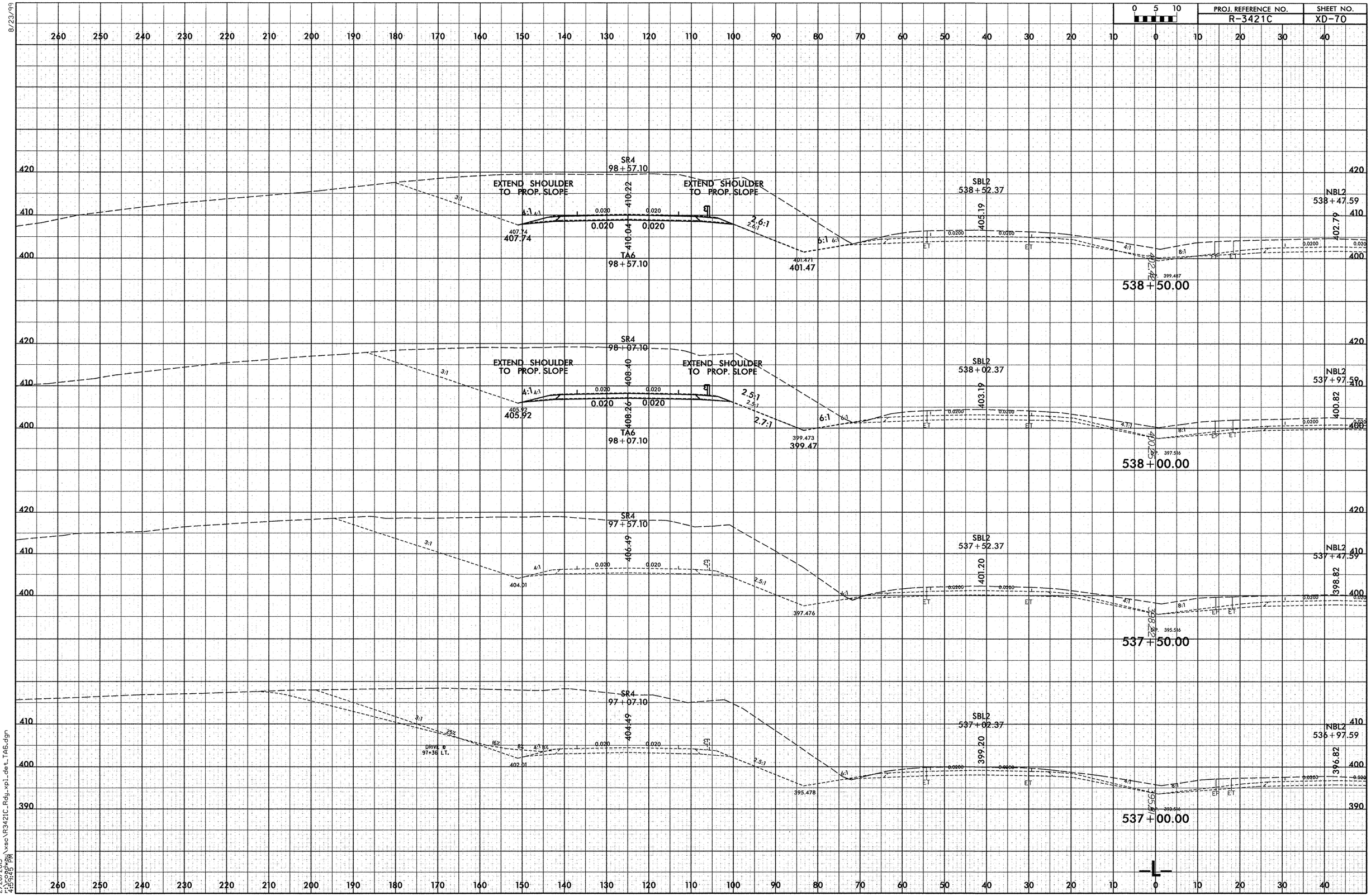
2/28/2013
r:\roadway\xsc\R3421C_Rdy_xpl_det_TA8.dgn
4:59:39 PM

PROJ. REFERENCE NO.	SHEET NO.
R-3421C	XD-69



8/23/99

2/28/2013
r:\roadway\xsc\R3421C_Rdy_xpl_det_TA8.dgn
4:59:40 PM

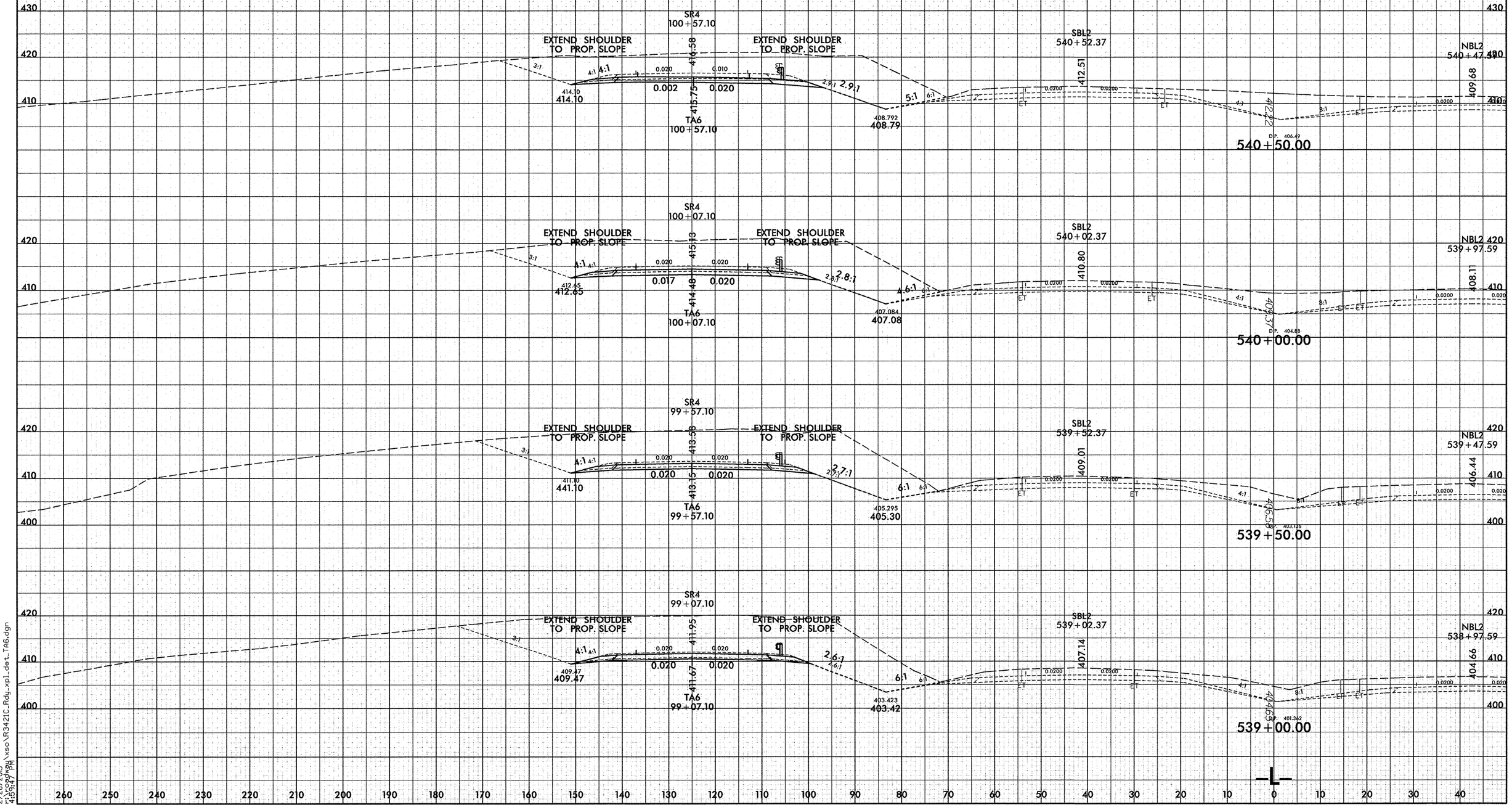


PROJ. REFERENCE NO.
R-3421C
SHEET NO.
XD-70
0 5 10
SR4
98+57.10
EXTEND SHOULDER TO PROP. SLOPE
EXTEND SHOULDER TO PROP. SLOPE
410.22
410.04
TA6
98+57.10
407.74
401.47
SBL2
538+52.37
405.19
NBL2
538+47.59
402.79
538+50.00
SR4
98+07.10
EXTEND SHOULDER TO PROP. SLOPE
EXTEND SHOULDER TO PROP. SLOPE
408.40
408.26
TA6
98+07.10
405.92
399.47
SBL2
538+02.37
403.19
NBL2
537+97.59
400.82
538+00.00
SR4
97+57.10
406.49
404.01
397.476
SBL2
537+52.37
401.20
NBL2
537+47.59
398.82
537+50.00
SR4
97+07.10
404.49
DRIVE @ 97+36 LT.
402.01
395.478
SBL2
537+02.37
399.20
NBL2
536+97.59
396.82
537+00.00

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-71

260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40



2/28/2013
4:59:47 PM
E:\cadd\dgn\xsc\R3421C_Rdy_xpl_det_TA6.dgn

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-72

260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40

430 420 410

SR4
102+57.13

EXTEND SHOULDER
TO PROP. SLOPE

421.48

418.22
418.22

0.069 0.019 0.069 0.019

420.61

TA6
102+57.23

414.806

SBL2
542+52.37

418.53

NBL2
542+47.59

414.98

542+50.00

SR4
102+07.10

EXTEND SHOULDER
TO PROP. SLOPE

420.39

417.40
417.40

0.052 0.019 0.052 0.019

419.50

TA6
102+07.17

413.425

SBL2
542+02.37

417.15

NBL2
541+97.59

413.81

542+00.00

SR4
101+57.10

EXTEND SHOULDER
TO PROP. SLOPE

EXTEND SHOULDER
TO PROP. SLOPE

419.21

DRIVE @
101+35 L.T.

416.55
416.55

0.032 0.019 0.032 0.019

418.29

TA6
101+57.13

411.962
411.96

SBL2
541+52.37

415.68

NBL2
541+47.59

412.53

541+50.00

SR4
101+07.10

EXTEND SHOULDER
TO PROP. SLOPE

EXTEND SHOULDER
TO PROP. SLOPE

417.94

415.46
415.46

0.020 0.019 0.011 0.019

417.02

TA6
101+07.11

410.418
410.42

SBL2
541+02.37

414.14

NBL2
540+97.59

411.16

541+00.00

2/28/2013
4:59:48 PM
F:\corpdwg\xsec\R3421C_Rdy_xpl_dat_TA6.dgn

260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-73

260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40

430 420 410

SR4
104+59.27
424.94
421.72
423.49
423.18

TA6
104+57.83
424.19
419.515
421.20

SBL2
544+52.37
423.23
418.68

NBL2 430
544+47.59
420

4:1 3:1 8:1 6:1 0.065 0.019 0.0200 ET

4:1 54
D.P. 415.83
544+50.00

SR4
104+08.25
424.21
420.98

TA6
104+07.61
423.43
418.460

SBL2
544+02.37
422.18
417.90

NBL2 430
543+97.59
420

0.066 0.019 0.0200 ET

4:1 54
D.P. 414.98
544+00.00

410

SR4
103+57.62
423.39
420.15

TA6
103+57.45
422.58
417.324

SBL2
543+52.37
421.04
417.03

NBL2 430
543+47.59
420

0.067 0.019 0.0200 ET

4:1 50
D.P. 416.03
543+50.00

410

SR4
103+07.27
422.48
419.23

TA6
103+07.32
421.64
416.106

SBL2
543+02.37
419.83
416.06

NBL2 430
542+97.59
420

0.068 0.019 0.0200 ET

4:1 46
D.P. 412.99
543+00.00

410

2/28/2013
4:59:49 PM
I:\vcadd\xsc\R3421C_Rdy_xpl_de_t_TA6.dgn

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-74

260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40

440 430 420

SR4
106+50.00
426.84
5:1 0.070 0.070 4:1

BP

TA6
106+59.23
426.53
4:1 4:1 0.013 0.014 6:1
425.13
3:1 6:1
422.916

SBL2
546+52.37
426.64
0.0200 0.0200 ET ET 5:1 3:1 8:1 0.0200 0.020 ET
421.05
420.13
D.P. 418.48

546+50.00

NBL2
546+47.59

SR4
106+00.00
426.47
6:1 4:1 0.070 0.070 4:1 6:1
423.19
425.25

BP

TA6
106+08.80
425.99
4:1 4:1 0.007 0.006 6:1 6:1
424.83
425.15
422.188

SBL2
546+02.37
425.91
0.0200 0.0200 ET ET 5:1 3:1 8:1 0.0200 0.020 ET
420.49
419.75
D.P. 417.88

546+00.00

NBL2
545+97.58

SR4
105+50.00
426.01
5:1 0.070 0.070 4:1 6:1
422.73
424.64

BP

TA6
105+58.42
425.45
4:1 4:1 0.019 0.019 4:1
424.43
423.77
421.379

SBL2
545+52.37
425.10
0.0200 0.0200 ET ET 5:1 3:1 8:1 0.0200 0.020 ET
419.93
419.23
D.P. 417.25

545+50.00

NBL2
545+47.59

SR4
105+00.00
425.46
4:1 4:1 0.070 0.070 4:1 6:1
422.18
424.09

BP

TA6
105+08.09
424.86
4:1 4:1 0.019 0.019 4:1
423.85
422.52
420.487

SBL2
545+02.37
424.21
0.0200 0.0200 ET ET 5:1 3:1 8:1 0.0200 0.020 ET
419.35
418.82
D.P. 416.58

545+00.00

NBL2
544+97.59

2/28/2013
11:50:00 PM
i:\roadway\xsc\VR3421C_Rdy_xpl_det_TA6.dgn

8/23/99

PROJ. REFERENCE NO.	SHEET NO.
R-3421C	XD-75

0 5 10

260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40

440 430 420

TA6
108+60.37
428.49
SBL2
548+52.37
428.73
NBL2
548+47.59
423.28
6:1 4:1 0.021 0.0200 0.0200 0.0200
427.00
425.011
D.P. 420.68
422.28
548+50.00

TA6
108+10.17
428.08
SBL2
548+02.37
428.33
NBL2
547+97.59
422.72
6:1 4:1 0.021 0.021 0.0200 0.0200 0.0200
426.58
424.610
D.P. 420.16
422.01
548+00.00

TA6
107+59.92
427.60
SBL2
547+52.37
427.85
NBL2
547+47.59
422.17
6:1 4:1 0.021 0.021 0.0200 0.0200 0.0200
426.11
424.127
D.P. 419.62
422.82
547+50.00

SR4
107+00.00
427.12
BP
0.070 0.070
TA6
107+09.61
427.08
SBL2
547+02.37
427.28
NBL2
546+97.59
421.61
6:1 4:1 0.021 0.021 0.0200 0.0200 0.0200
425.58
423.562
D.P. 419.06
420.67
547+00.00

2/28/2013
F:\roadway\xse\R3421C_Rdy_xpl_det_TA6.dgn
4:55:51 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-76

260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40

440 430 420

SBL2
550+52.33
429.51
426.285
3:1
6:1
4:1
0.020
0.0200
0.0200
ET
ET
ET
3:1
7:1
0.0200
0.020
425.35
NBL2
550+47.54
TA6
110+60.78
424.99
D.P. 422.44
TA7
110+46.
550+50.00

SBL2
550+02.37
429.69
425.970
3:1
6:1
4:1
0.020
0.0200
0.0200
ET
ET
ET
3:1
8:1
0.0200
0.020
424.96
NBL2
549+97.59
TA6
110+10.72
424.30
D.P. 422.16
TA
109+
550+00.00

SBL2
549+52.37
429.37
425.654
4:1
6:1
4.8:1
0.020
0.0200
0.0200
ET
ET
ET
3:1
8:1
0.0200
0.020
424.40
NBL2
549+47.59
TA6
109+60.64
423.96
D.P. 421.67
109
549+50.00

TA6
109+10.52
428.87
SBL2
549+02.37
429.06
425.339
4:1
6:1
6:1
0.020
0.0200
0.0200
ET
ET
ET
3:1
8:1
0.0200
0.020
423.84
NBL2
548+97.59
423.503
D.P. 421.17
549+00.00

2/28/2013
I:\roadway\xsc\R3421C_Rdy_xpl_det_TA6.dgn
4:59:52 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-77

260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40

440 430 420

SBL2
552+02.37

NBL2
551+97.59

16'
3:1
6:1
427.57
EP ET ET EP
ET
3:1
6:1
426.67
D.P. 423.73
6' RT
EP ET

TA6
112+10.83

TA7
111+96.52

552+00.00

SBL2
551+62.56

NBL2
551+57.78

8'
3:1
6:1
426.980
7:1
0.020
0.0200
0.0200
430.70
EP ET ET EP
ET
3.4:1
6:1
426.75
D.P. 423.51
6' RT
0.0200
0.020
EP ET

TA6
111+71.02

TA7
111+56.71

551+60.19

SBL2
551+52.37

NBL2
551+47.59

3:1
6:1
426.916
7.1:1
0.020
0.0200
0.0200
430.64
ET ET
ET
3.4:1
6:1
426.64
D.P. 423.39
6' RT
0.0200
0.020
ET

TA6
111+60.83

TA7
111+46.52

551+50.00

SBL2
551+02.37

NBL2
550+97.59

3:1
6:1
426.600
4.6:1
0.020
0.0200
0.0200
430.32
ET ET
ET
3.2:1
6:1
426.08
D.P. 422.80
6' RT
0.0200
0.020
ET

TA6
111+10.81

TA7
110+96.50

551+00.00

2/28/2013
I:\vcadd\xsc\R3421C_Rdy_xp1_det_TA6.dgn
4:16:03 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-78

260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40

440
430

SBL2
554+02.37

NBL2 440
553+97.59

6:1
429.49
EP ET
ET EP
4:1
427.79
554+00.00
EP ET
430

440
430
420

SBL2
553+52.37

NBL2 440
553+47.59

6:1
428.97
EP ET
ET EP
4:1
4.45:1
5.77:1
426.98
553+50.00
EP ET
430
420

440
430
420

SBL2
553+02.37

NBL2 440
552+97.59

6:1
428.45
EP ET
ET EP
4:1
7.12:1
426.27
425.19
6.98' RT
553+00.00
EP ET
430
420
TA7
112+96.52

440
430
420

SBL2
552+52.37

NBL2 440
552+47.59

14'
3:1
6:1
428.18
EP ET
ET EP
4:1
426.12
D.P. 424.38
6.45' RT
TA6
112+60.83
552+50.00
EP ET
430
420
TA7
112+46.52

260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40

2/28/2013
I:\roadway\xsec\R3421C_Rdy_xpl_det_TA6.dgn
4:59:54 PM

8/23/96

PROJ. REFERENCE NO.	SHEET NO.
R-3421C	XD-80

0 5 10

539+50.00

SBL2
539+52.37
409.01

NBL2
539+47.59
406.44

SR5
99+42.90
403.17

EXTEND SHOULDER TO PROP. SLOPE

EXTEND SHOULDER TO PROP. SLOPE

406.36
Cap. 403.136

399.56
399.56

402.90

TA7
99+42.90

539+00.00

SBL2
539+02.37
407.14

NBL2
538+97.59
404.66

SR5
98+92.90
401.68

EXTEND SHOULDER TO PROP. SLOPE

EXTEND SHOULDER TO PROP. SLOPE

406.90
Cap. 401.362

398.54
398.54

401.47

TA7
98+92.90

538+50.00

SBL2
538+52.37
405.19

NBL2
538+47.59
402.79

SR5
98+42.90
400.13

EXTEND SHOULDER TO PROP. SLOPE

EXTEND SHOULDER TO PROP. SLOPE

402.42
399.487

396.83
396.83

399.98

TA7
98+42.90

0.0200 0.020 4:1 8:1 3:1 4.6:1 5:1 ET

2/28/2013
5:00:02 PM
F:\roadway\xsc\R3421C_Rdy_xpl_det_TA7.dgn

8/23/99

PROJ. REFERENCE NO.	SHEET NO.
R-3421C	XD-81

0 5 10

40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260

SBL2
541+02.37

NBL2
540+97.59

SR5
100+92.90

414.14

411.16

407.37

EXTEND SHOULDER TO PROP. SLOPE

EXTEND SHOULDER TO PROP. SLOPE

0.0200 0.0200 0.0200 0.0200 0.020 0.020 0.019 0.017

4:1 3.6:1 6:1 6:1 4:1

ET ET ET

413.37

D.P. 408.02

404.27
404.27

406.79

TA7
100+92.90

420 410 400 390

541+00.00

SBL2
540+52.37

NBL2
540+47.59

SR5
100+42.90

412.51

409.68

406.02

EXTEND SHOULDER TO PROP. SLOPE

EXTEND SHOULDER TO PROP. SLOPE

0.0200 0.0200 0.0200 0.0200 0.020 0.020 0.020 0.003

4:1 3.4:1 5:1 5:1 4:1

ET ET ET

412.92

D.P. 406.49

402.58
402.58

405.51

TA7
00+42.90

420 410 400 390

540+50.00

SBL2
540+02.37

NBL2
539+97.59

SR5
99+92.90

410.80

408.11

404.62

EXTEND SHOULDER TO PROP. SLOPE

EXTEND SHOULDER TO PROP. SLOPE

0.0200 0.0200 0.0200 0.0200 0.020 0.020 0.020 0.020

4:1 3.3:1 5:1 5:1 4:1

ET ET ET

409.37

D.P. 404.88

401.10
401.10

404.25

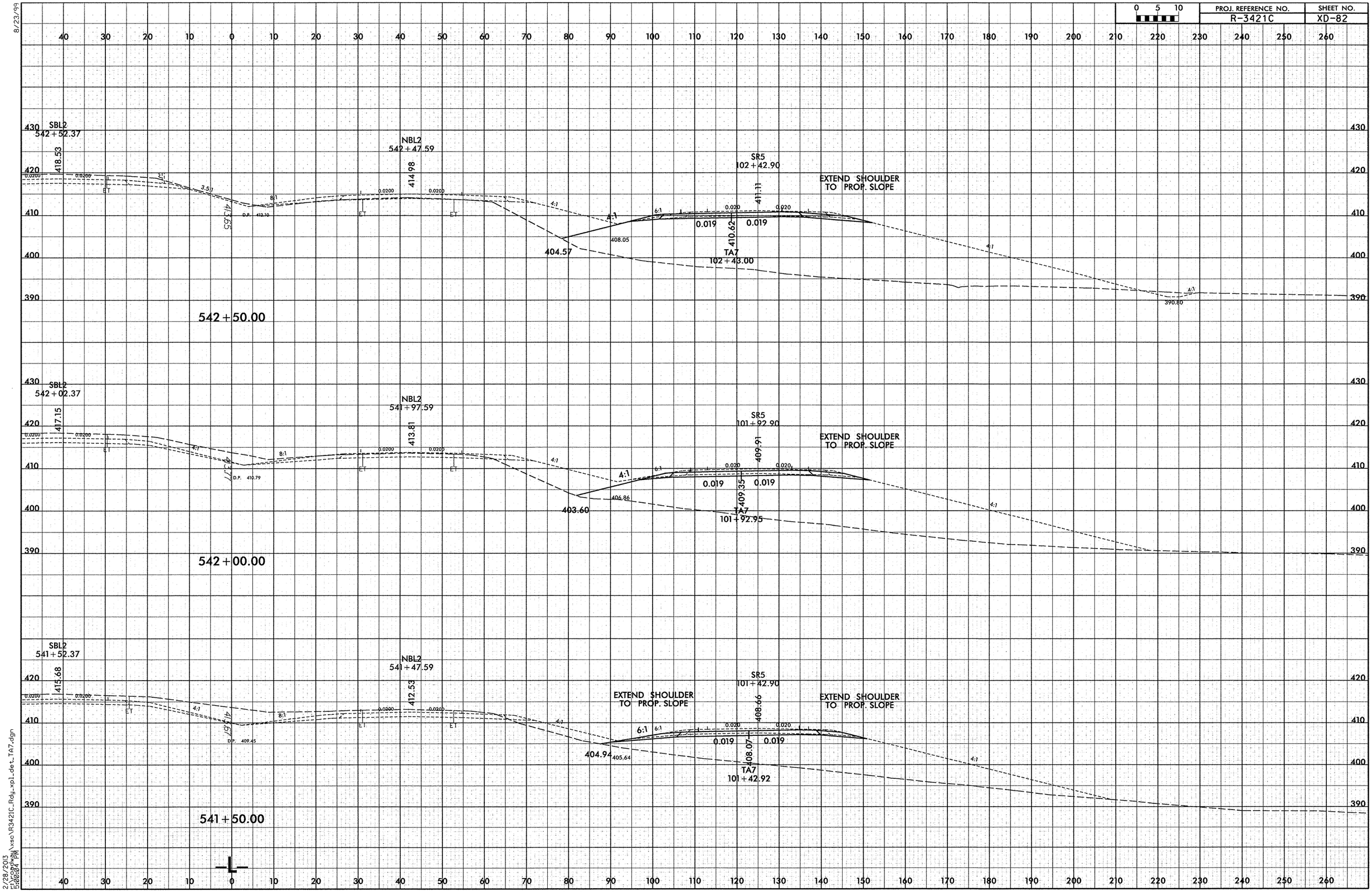
TA7
99+92.90

420 410 400 390

540+00.00

40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260

2/28/2013
5:00:03 PM
I:\roadway\xsc\R3421C_Rdy_xpl_det_TA7.dgn



8/23/99

2/28/2013
r:\roadway\xsc\R3421C_Rdy_xpl_det_TA7.dgn
5:00:04 PM

8/23/99

PROJ. REFERENCE NO.	SHEET NO.
R-3421C	XD-83

0 5 10

40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260

430 420 410 400 390

SBL2
544+02.37
422.18
0.0200 0.0200
ET
3:1
8:1
4.62
D.P. 414.98
0.0200 0.0200
ET ET
NBL2
543+97.59
417.90
4:1
4:1
409.70
411.29
TA7
103+93.36
414.07
SR5
103+92.90
414.56
0.018 0.018
0.020 0.020 0.020
6:1
4:1
0.020
544+00.00

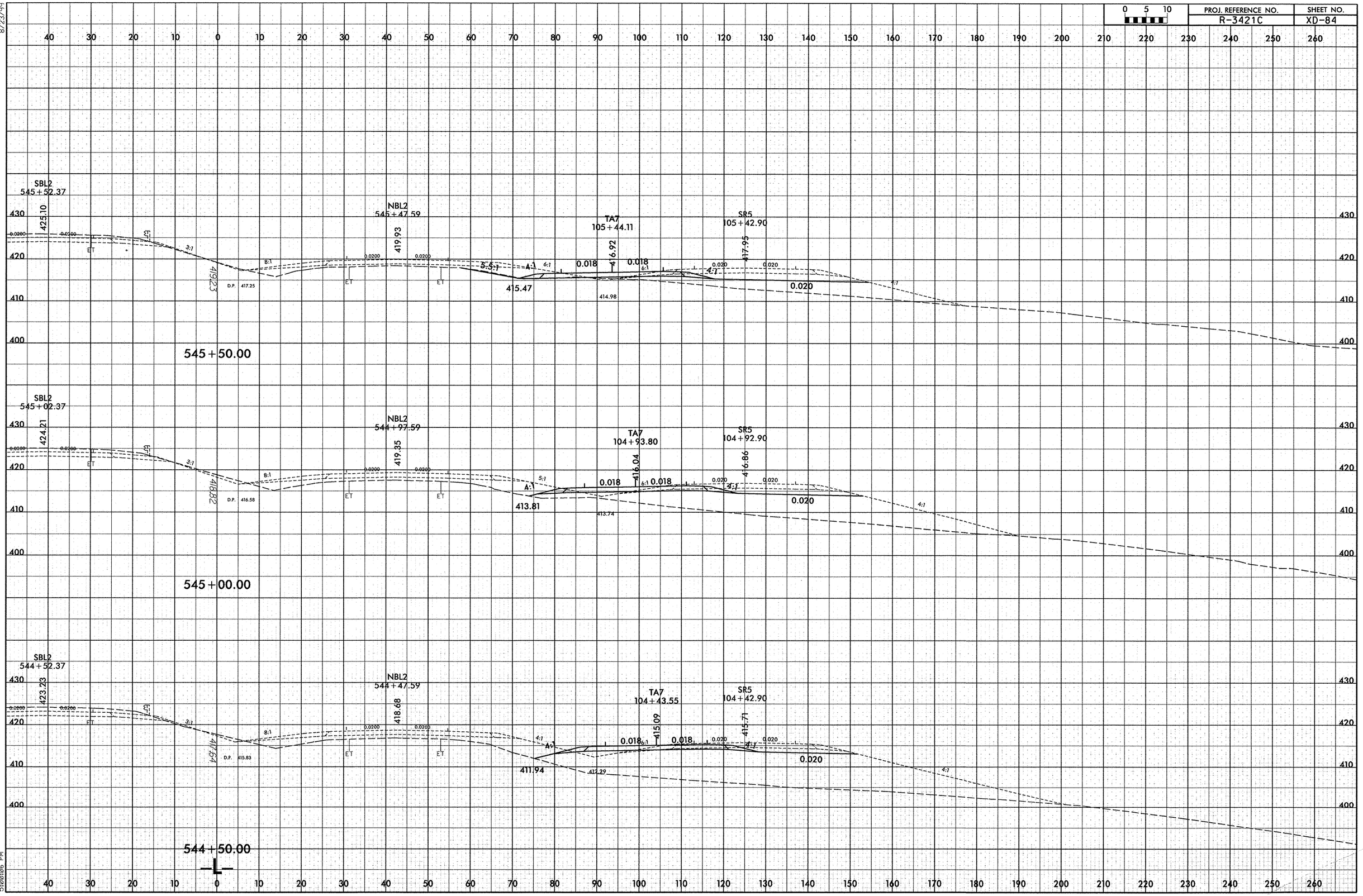
SBL2
543+52.37
421.04
0.0200 0.0200
ET
3:1
8:1
4.50
D.P. 414.03
0.0200 0.0200
ET ET
NBL2
543+47.59
417.03
4:1
4:1
407.28
410.25
TA7
103+43.20
412.99
SR5
103+42.90
413.41
0.018 0.018
0.020 0.020 0.020
6:1
4:1
0.020
543+50.00

SBL2
543+02.37
419.83
0.0200
ET
3:1
8:1
4.39
D.P. 412.99
0.0200 0.0200
ET ET
NBL2
542+97.59
416.06
4:1
4:1
405.79
409.17
SR5
102+92.90
412.26
411.84
0.018 0.018
0.020 0.020 0.020
6:1
4:1
0.020
TA7
102+93.09
543+00.00

2/28/2013
E:\roadway\xse\R3421C_Rdy_xpl_det_TA7.dgn
5:00:05 PM

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-84



2/28/2013
15:09:06 PM
I:\roadway\xsec\R3421C_Rdy_xpl_det_TA7.dgn

8/23/99

PROJ. REFERENCE NO.	SHEET NO.
R-3421C	XD-85

0 5 10

40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260

440 430 420 410

SBL2
547+02.37
427.28
0.0200 0.0200
ET
3:1
420.97
D.P. 419.06
8:1
NBL2
546+97.59
421.61
0.0200 0.0200
ET
TA7
106+95.28
419.50
0.022 0.022
6:1 4:1
417.98
416.57
SR5
106+92.90
420.65
0.020 0.020
4:1

547+00.00

SBL2
546+52.37
426.64
0.0200 0.0200
ET
3:1
420.37
D.P. 418.48
8:1
NBL2
546+47.59
421.05
0.0200 0.0200
ET
TA7
106+44.90
418.64
0.012 0.011
6:1 4:1
417.27
415.91
SR5
106+42.90
419.84
0.020 0.020
4:1

546+50.00

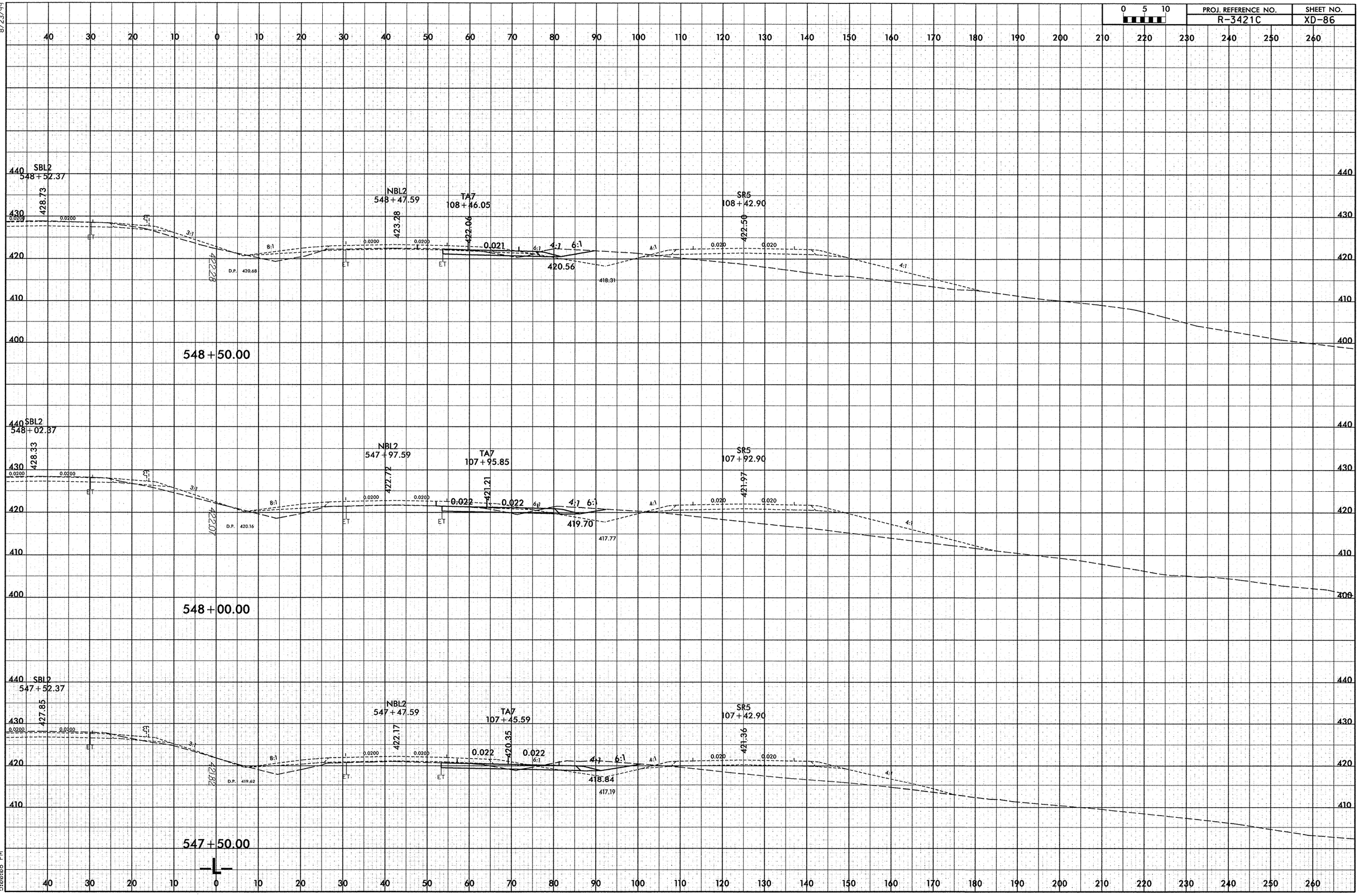
SBL2
546+02.37
425.91
0.0200 0.0200
ET
3:1
419.75
D.P. 417.88
8:1
NBL2
545+97.59
420.49
0.0200 0.0200
ET
TA7
105+94.48
417.78
0.008 0.009
6:1 5:1
417.02
415.51
SR5
105+92.90
418.94
0.020 0.020
4:1
416.50

546+00.00

2/28/2013
5:00:07 PM
E:\vcad\wa\xsc\R3421C_Rdy_xpl_det_TA7.dgn

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-3421C	XD-86



2/28/2013
5:00:08 PM
E:\projects\xsec\R3421C_Rdy_xpl_det_TA7.dgn

8/23/99

PROJ. REFERENCE NO.	SHEET NO.
R-3421C	XD-87

0 5 10

40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260

440 430 420 410

SBL2
550+02.37
429.69
TA6
420.72
NBL2
549+97.59
424.96
TA7
109+96.41
SR5
109+92.90
423.50
423.11
419.72
424.30
D.P. 422.16
0.0200
0.021
0.020
ET
3:1
8:1
4:1
6:1

550+00.00

440 430 420 410

SBL2
549+52.37
429.37
NBL2
549+47.59
424.40
TA7
109+46.32
SR5
109+42.90
423.26
422.22
419.29
424.36
D.P. 421.67
0.0200
0.021
0.020
ET
3:1
8:1
4:1
6:1

549+50.00

440 430 420 410 400

SBL2
549+02.37
429.06
NBL2
548+97.59
423.84
TA7
108+96.21
422.91
SR5
108+92.90
422.92
421.41
418.82
424.30
D.P. 421.17
0.0200
0.021
0.020
ET
3:1
8:1
4:1
6:1

549+00.00

2/28/2013
5:00:04 PM
E:\roadway\xsc\R3421C_Rdy_xpl_det_TA7.dgn

8/23/99

PROJ. REFERENCE NO.	SHEET NO.
R-3421C	XD-88

0 5 10

40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260

SBL2
551+52.37
430.64
TA6
111+60.83
426.21
D.P. 423.39
6' RT
551+50.00
NBL2
551+47.59
426.64
TA7
111+46.52
0.020
0.087
420.78
SR5
111+42.90
423.65

SBL2
550+02.37
430.32
TA6
110+10.81
425.68
D.P. 422.60
6' RT
551+00.00
NBL2
550+97.59
426.08
TA7
110+96.50
0.020
0.097
420.47
SR5
110+92.90
423.69

SBL2
550+52.33
429.51
TA6
110+60.78
424.99
D.P. 422.44
550+50.00
NBL2
550+47.54
425.35
TA7
110+46.47
0.020
4:1
423.82
420.11
SR5
110+92.90
423.64

2/28/2013
5:00:10 PM
I:\roadway\xsc\R3421C_Rdy_xpl_de_t_TA7.dgn

8/23/99

PROJ. REFERENCE NO.	SHEET NO.
R-3421C	XD-90

0 5 10

40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260

SBL2
554+02.37

NBL2
553+97.59

SR5
113+92.90

440
430
420

ET EP EP ET ET EP

4.4:1 4:1 0.020 0.020 4:1 3:1

423.91
427.79
421.43
421.43

554+00.00

SBL2
553+52.37

NBL2
553+47.59

SR5
113+42.90

440
430
420

ET EP EP ET ET EP

4.45:1 5.77:1 4.2:1 4:1 0.020 0.020 4:1 6:1

423.47
426.98
420.75
420.99

553+50.00

SBL2
553+02.37

NBL2
552+97.59

SR5
112+92.90

440
430
420
410

ET EP EP ET ET EP

4:1 7.12:1 4.1:1 4.3:1 0.020 0.020 4:1

423.26
426.27
425.19
6.78' RT
420.37

TA7
112+96.52

553+00.00

40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260

2/28/2013
5:00:12 PM
D:\projects\xsc\R3421C_Rdy_xpl_det_TA7.dgn