PROJECT REFERENCE NO.	SHEET NO.
R-2417C	X-1

X–SECTION INDEX

CROSS SECTION SUMMARY	X–1A THROUGH X–1C
–LREV–	X–2 THROUGH X–58
–Y–	X–59 THROUGH X–80
–Y1–	X–81 THROUGH X–88
–Y2–	X–89
–Y3–	X–90 THROUGH X–93
–Y4–	X–94
–FRONT–	X–95 THROUGH X–99
–YRPA–	X–100 THROUGH X–103
–YRPB–	X–104 THROUGH X–108
–YRPC–	X–109 THROUGH X–112
–YRPD–	X–113 THROUGH X–119
–YLPD–	X–120 THROUGH X–121
–I9FLY–	X–122 THROUGH X–134
–I9RPD–	X–135 THROUGH X–137
–DR1–	X–138

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REVISIONS

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PROJ. REFERENCE NO.	SHEET NO.
R-2417C	X-1A

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

Station LREV	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Station LREV	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Station LREV	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Station LREV	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Station LREV	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Station Y	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
574+75.98	0	0	601+00.00	5629	0	626+50.00	0	24195	653+00.00	11536	0	679+50.00	175	5483	17+00.00	32	303
575+00.00	0	768	601+50.00	4184	0	627+00.00	0	20111	653+50.00	13019	0	680+00.00	128	6467	17+50.00	36	682
575+50.00	0	4830	602+00.00	3690	222	627+50.00	0	15185	654+00.00	14310	0	680+50.00	138	6098	18+00.00	43	1249
576+00.00	0	8399	602+50.00	4230	771	628+00.00	0	10792	654+50.00	15155	0	681+00.00	146	4993	18+50.00	47	2036
576+50.00	0	12041	603+00.00	4885	1377	628+50.00	0	8111	655+00.00	15706	0	681+50.00	384	4327	19+00.00	47	3005
577+00.00	0	13832	603+50.00	5386	1844	629+00.00	0	5994	655+50.00	16215	0	682+00.00	715	3180	19+50.00	43	3950
577+50.00	0	14200	604+00.00	5713	2623	629+50.00	0	4032	656+00.00	16507	0	682+50.00	909	1639	20+00.00	36	4236
578+00.00	0	14802	604+50.00	3659	4018	630+00.00	15	2127	656+50.00	16355	0	683+00.00	1082	637	20+50.00	26	4244
578+50.00	0	15274	605+00.00	1348	5606	630+50.00	208	755	657+00.00	15863	0	683+50.00	1309	184	21+00.00	17	4143
579+00.00	0	15334	605+50.00	1025	4896	631+00.00	3655	100	657+50.00	15112	0	684+00.00	1549	142	21+50.00	9	2734
579+50.00	0	15069	606+00.00	971	4709	631+50.00	7455	0	658+00.00	13990	0	684+50.00	1703	205	22+00.00	6	1603
580+00.00	0	14557	606+50.00	1431	7283	632+00.00	8613	0	658+50.00	12595	0	685+00.00	1793	206	22+50.00	338	1876
580+50.00	0	13643	607+00.00	2093	9692	632+50.00	10177	0	659+00.00	11135	0	685+50.00	1766	204	23+00.00	1716	2408
581+00.00	0	12450	607+50.00	2530	12024	633+00.00	11590	0	659+50.00	9735	0	686+00.00	1581	164	23+50.00	4050	2886
581+50.00	0	11098	608+00.00	2690	14198	633+50.00	12554	0	660+00.00	8546	0	686+50.00	1328	145	24+00.00	6340	3151
582+00.00	0	9727	608+50.00	1365	16145	634+00.00	13454	0	660+50.00	7704	0	687+00.00	927	405	24+50.00	6532	3280
582+50.00	0	9004	609+00.00	0	17777	634+50.00	14327	0	661+00.00	6914	0	687+50.00	758	450	25+00.00	4599	3553
583+00.00	0	8757	609+50.00	0	20233	635+00.00	14963	0	661+50.00	6022	0	688+00.00	796	243	25+50.00	2446	3359
583+50.00	0	8118	610+00.00	0	22545	635+50.00	15343	0	662+00.00	4852	0	688+50.00	643	266	26+00.00	873	2168
584+00.00	0	6928	610+50.00	0	24524	636+00.00	15512	0	662+50.00	3506	0	689+00.00	499	408	26+50.00	217	1529
584+50.00	0	5385	611+00.00	0	27640	636+50.00	15565	0	663+00.00	2435	58	689+50.00	372	639	27+00.00	109	2262
585+00.00	0	3713	611+50.00	0	30138	637+00.00	15680	0	663+50.00	1544	254	690+00.00	272	756	27+50.00	123	2931
585+50.00	5	2167	612+00.00	0	29996	637+50.00	15663	0	664+00.00	665	1378	690+50.00	177	755	28+00.00	128	2616
586+00.00	34	1008	612+50.00	0	28793	638+00.00	15539	0	664+50.00	104	2980	691+00.00	91	738	28+50.00	121	1878
586+50.00	79	426	613+00.00	0	27584	638+50.00	15362	0	665+00.00	0	3588	691+50.00	72	653	29+00.00	150	896
587+00.00	95	233	613+50.00	0	25407	639+00.00	14886	0	665+50.00	0	4077	692+00.00	66	595	29+50.00	271	186
587+50.00	106	175	614+00.00	0	21397	639+50.00	13924	0	666+00.00	183	4552	692+50.00	44	572	30+00.00	2209	122
588+00.00	113	200	614+37.94	0	14099	640+00.00	12643	0	666+50.00	942	3277	693+00.00	47	528	30+50.00	3762	76
588+50.00	79	324				640+50.00	11252	0	667+00.00	3058	1384	693+50.00	48	475	31+00.00	3331	69
589+00.00	33	820	Station	Uncl. Exc.	Embt	641+00.00	9504	0	667+50.00	5047	791	694+00.00	45	411	31+50.00	3720	113
589+50.00	6	1847				641+50.00	7153	0	668+00.00	5884	737	694+50.00	35	359	32+00.00	3612	87
590+00.00	0	2889	LREV	(cu. yd.)	(cu. yd.)	642+00.00	4747	0	668+50.00	6221	476	695+00.00	26	313	32+50.00	2728	80
590+50.00	0	3518	616+36.13	0	0	642+50.00	2505	65	669+00.00	6036	256	695+50.00	29	280	33+00.00	2286	74
591+00.00	0	3800	616+50.00	463	1321	643+00.00	799	1085	669+50.00	5595	140	696+00.00	31	218	33+50.00	1901	70
591+50.00	32	3612	617+00.00	2707	4203	643+50.00	112	3548	670+00.00	4780	43	696+10.99	3	19	34+00.00	2487	64
592+00.00	194	3105	617+50.00	5411	2599	644+00.00	0	5597	670+50.00	3940	0				34+50.00	3076	59
592+50.00	532	2481	618+00.00	8954	837	644+50.00	244	6201	671+00.00	3278	84	Station	Uncl. Exc.	Embt	35+00.00	3042	50
593+00.00	836	1809	618+50.00	12516	60	645+00.00	850	5288	671+50.00	2764	197				35+50.00	3277	39
593+50.00	897	1162	619+00.00	15581	0	645+50.00	1677	2813	672+00.00	2359	177	Y	(cu. yd.)	(cu. yd.)	36+00.00	3349	34
594+00.00	871	951	619+50.00	15553	0	646+00.00	2682	743	672+50.00	2008	85	10+00.00	0	0	36+50.00	3166	37
594+50.00	1071	877	620+00.00	12411	0	646+50.00	3618	95	673+00.00	1741	22	10+50.00	19	1	37+00.00	2674	43
595+00.00	1432	527	620+50.00	9645	0	647+00.00	4239	8	673+50.00	1278	0	11+00.00	48	11	37+50.00	1935	43
595+50.00	1545	352	621+00.00	8542	0	647+50.00	4349	0	674+00.00	697	118	11+50.00	49	28	38+00.00	1576	45
596+00.00	1491	319	621+50.00	9285	0	648+00.00	3883	0	674+50.00	292	510	12+00.00	38	42	38+50.00	2052	48
596+50.00	1387	464	622+00.00	9613	15	648+50.00	2952	0	675+00.00	100	1058	12+50.00	30	58	39+00.00	2725	46
597+00.00	1239	531	622+50.00	7515	196	649+00.00	1660	0	675+50.00	55	1550	13+00.00	384	71	39+50.00	3111	43
597+50.00	1427	255	623+00.00	4720	1059	649+50.00	497	422	676+00.00	53	1719	13+50.00	692	77	40+00.00	3248	42
598+00.00	2320	31	623+50.00	2652	2718	650+00.00	165	840	676+50.00	957	1241	14+00.00	550	98	40+50.00	3173	43
598+50.00	3596	0	624+00.00	1347	5702	650+50.00	978	436	677+00.00	1033	2042	14+50.00	393	113	41+00.00	2969	44
599+00.00	4895	0	624+50.00	571	9734	651+00.00	3112	18	677+50.00	167	3391	15+00.00	258	108	41+50.00	2683	36
599+50.00	6193	0	625+00.00	107	15393	651+50.00	5988	0	678+00.00	129	3532	15+50.00	149	110	42+00.00	2291	30
600+00.00	6874	0	625+50.00	0	20318	652+00.00	8242	0	678+50.00	333	3879	16+00.00	101	113	42+50.00	1793	33
600+50.00	6683	0	626+00.00	0	23952	652+50.00	9920	0	679+00.00	378	4514	16+50.00	63	125	43+00.00	1202	31

PROJ. REFERENCE NO.	SHEET NO.
R-2417C	X-1B

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

Station Y	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
43+50.00	615	26
44+00.00	183	251
44+50.00	17	1024
45+00.00	15	1953
45+50.00	20	2532
46+00.00	23	2150
46+50.00	24	1269
47+00.00	28	804
47+50.00	36	603
48+00.00	39	527
48+50.00	38	507
49+00.00	31	542
49+50.00	26	584
50+00.00	23	660
50+50.00	27	769
51+00.00	35	842
51+50.00	33	922
52+00.00	31	1086
52+50.00	27	1250
53+00.00	26	1364
53+50.00	39	1483
54+00.00	32	1626
54+50.00	28	1694
55+00.00	32	1653
55+50.00	25	1602
56+00.00	27	1573
56+50.00	25	1516
57+00.00	24	1450
57+50.00	25	1406
58+00.00	22	1331
58+50.00	19	1216
59+00.00	19	1051
59+50.00	18	878
60+00.00	19	755
60+50.00	24	657
61+00.00	23	537
61+50.00	41	393
62+00.00	131	216
62+50.00	341	104
63+00.00	579	50
63+50.00	390	1
63+86.47	75	1

Station Y1	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
13+00.00	0	0
13+50.00	4	9
14+00.00	7	18
14+50.00	7	17
15+00.00	7	20
15+50.00	11	35
16+00.00	15	54

Station Y1	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
16+50.00	16	61
17+00.00	18	50
17+50.00	25	41
18+00.00	43	36
18+50.00	79	29
19+00.00	117	26
19+50.00	154	25
20+00.00	102	23
20+50.00	106	17
21+00.00	176	13
21+50.00	138	18
22+00.00	83	32
22+50.00	63	45
23+00.00	73	47
23+50.00	75	44
24+00.00	60	21
24+50.00	37	0
25+00.00	28	0
25+50.00	27	0
26+00.00	35	43
26+50.00	44	77
27+00.00	45	66
27+50.00	43	52
28+00.00	32	57
28+50.00	20	80
29+00.00	16	87
29+50.00	29	58
30+00.00	27	29
30+50.00	7	18
31+00.00	4	28
31+50.00	5	30
32+00.00	4	25
32+50.00	10	38
33+00.00	10	17
33+50.00	16	11
34+00.00	23	24
34+50.00	33	20
35+00.00	26	13
35+50.00	8	8
35+76.08	3	1

Station Y2	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+00.00	0	0
10+50.00	13	0
11+00.00	32	0
11+50.00	19	82
11+55.45	0	18

Station Y3	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+32.02	0	0
10+50.0000	46	2
11+00.0000	73	20
11+50.0000	10	131
12+00.0000	15	225
12+50.0000	30	210
13+00.0000	33	177
13+50.0000	20	137
14+00.0000	24	103
14+50.0000	27	91
15+00.0000	13	106
15+50.0000	16	118
16+00.0000	13	147
16+50.0000	9	180
17+00.0000	6	215
17+50.0000	6	228
18+00.0000	8	209
18+50.0000	6	154
19+00.0000	3	113
19+50.0000	4	91
20+00.0000	6	45
20+50.0000	3	17

Station Y4	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+48.06	0	0
10+50.00	0	0
11+00.00	10	0
11+25.00	4	0

Station YRPA	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
8+68.47	0	0
9+00.00	69	773
9+50.00	324	739
10+00.00	891	127
10+50.00	1712	0
11+00.00	2658	0
11+50.00	3696	0
12+00.00	4919	0
12+50.00	6341	0
13+00.00	7783	0
13+50.00	8745	0
14+00.00	8697	0
14+50.00	6987	168
15+00.00	4575	168
15+50.00	2347	535
16+00.00	574	695
16+26.12	0	167

Station YRPB	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
7+67.28	0	0
8+00.00	2637	0
8+50.00	3924	0
9+00.00	3967	0
9+50.00	4516	0
10+00.00	5217	0
10+50.00	5518	0
11+00.00	5499	0
11+50.00	5504	0
12+00.00	3783	0
12+50.00	1921	0
13+00.00	1744	0
13+50.00	1342	0
14+00.00	712	0
14+50.00	230	226
15+00.00	20	907
15+50.00	0	1680
16+00.00	0	2125
16+50.00	0	2371
17+00.00	0	2777
17+50.00	0	3298
18+00.00	0	3722
18+50.00	0	4066
19+00.00	0	4595
19+50.00	0	5569
20+00.00	0	5399
20+50.00	0	3049
20+72.62	0	662

Station YRPC	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
8+39.34	0	0
8+50.00	0	857
9+00.00	0	4403
9+50.00	0	5455
10+00.00	0	7499
10+50.00	0	10463
11+00.00	0	12787
11+50.00	0	13968
12+00.00	0	13560
12+50.00	0	11764
13+00.00	0	10014
13+50.00	0	8169
14+00.00	0	6091
14+50.00	0	3558
15+00.00	0	1203
15+50.00	306	169
16+00.00	1287	0
16+50.00	2700	0
17+00.00	3997	0
17+50.00	3393	0
17+86.24	1616	0

Station YRPD	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
8+68.19	0	0
9+00.00	0	3739
9+50.00	0	6056
10+00.00	0	5564
10+50.00	0	4076
11+00.00	21	2499
11+50.00	456	1095
12+00.00	1471	225
12+50.00	2167	0
13+00.00	2660	0
13+50.00	3338	0
14+00.00	3977	0
14+50.00	5006	0
15+00.00	6495	0
15+50.00	7954	0
16+00.00	9122	0
16+50.00	10939	0
17+00.00	14110	0
17+50.00	17761	0
18+00.00	21081	0
18+50.00	23626	0
19+00.00	24693	0
19+50.00	23990	0
20+00.00	22068	0
20+50.00	20306	0
21+00.00	16314	0
21+50.00	7479	0
22+00.82	2057	0

Station YLPD	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
3+03.18	0	0
3+50.00	10615	0
4+00.00	12513	0
4+50.00	15079	0
5+00.00	18747	0
5+50.00	19144	0
6+00.00	16193	0
6+50.00	14542	0
6+76.98	7534	0

Station I9FLY	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
8+67.23	0	0
9+00.00	340	210
9+50.00	722	263
10+00.00	1139	141
10+50.00	1723	38
11+00.00	2238	0
11+50.00	2276	0
12+00.00	2841	0

Station I9FLY	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
12+50.00	3651	0
13+00.00	3723	0
13+50.00	3278	0
14+00.00	2292	0
14+50.00	1251	0
15+00.00	547	186
15+50.00	157	715
16+00.00	74	1111
16+50.00	152	1539
17+00.00	97	2589
17+50.00	0	3981
18+00.00	0	4961
18+50.00	0	5551
19+00.00	0	6239
19+50.00	0	6846
20+00.00	0	7160
20+50.00	0	5015
20+55.25	0	294

Station I9FLY	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
23+06.86	0	0
23+50.00	0	9519
24+00.00	0	12240
24+50.00	0	12631
25+00.00	0	10850
25+50.00	0	11181
26+00.00	0	12094
26+50.00	0	11398
27+00.00	0	10454
27+50.00	0	8795
28+00.00	0	6887
28+50.00	0	6128
29+00.00	0	5918
29+50.00	0	5194
30+00.00	0	4329
30+50.00	0	3311
31+00.00	0	2399
31+50.00	185	1723
32+00.00	347	1188
32+50.00	223	753
33+00.00	150	408
33+50.00	156	203
34+00.00	117	84
34+50.00	155	17
35+00.00	158	5
35+50.00	89	15
36+00.00	108	18
36+50.00	103	15
37+00.00	71	19
37+50.00	68	22
38+00.00	72	11

PROJ. REFERENCE NO.	SHEET NO.
R-2417C	X-1C

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

Station	Uncl. Exc.	Embt
I9FLY	(cu. yd.)	(cu. yd.)
38+50.00	82	7
38+95.00	35	7

Station	Uncl. Exc.	Embt
I9RPD	(cu. yd.)	(cu. yd.)
7+72.03	0	0
8+00.00	823	0
8+50.00	1101	8
9+00.00	488	256
9+50.00	151	1096
10+00.00	41	2408
10+50.00	36	3964
11+00.00	42	3325
11+50.00	36	1853
12+00.00	18	1762
12+50.00	0	1551
13+00.00	0	1368
13+50.00	0	1259
13+86.35	0	892

Station	Uncl. Exc.	Embt
FRONT	(cu. yd.)	(cu. yd.)
10+00.00	0	0
10+50.00	21	3
11+00.00	35	8
11+50.00	40	5
12+00.00	38	23
12+50.00	26	84
13+00.00	25	284
13+50.00	15	686
14+00.00	4	1221
14+50.00	0	1333
15+00.00	0	1056
15+50.00	99	601
16+00.00	1129	120
16+50.00	2665	0
17+00.00	3671	0
17+50.00	4290	0
18+00.00	4623	0
18+50.00	4690	0
19+00.00	4621	0
19+50.00	4423	0
20+00.00	4326	0
20+50.00	4619	0
21+00.00	4941	0
21+50.00	5098	0
21+69.49	1002	0

Station	Uncl. Exc.	Embt
DR1	(cu. yd.)	(cu. yd.)
10+00.00	0	0
10+50.00	21	3
11+00.00	21	168
11+36.39	21	240

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-2

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

460 440 420 400

PP 0.020 8:1 8:1 0.008 ℄

3:1 3:1

D.P. 442.45

415.63

576+50.00

PP 0.020 8:1 8:1 0.013 ℄

3:1 3:1

D.P. 443.38

423.05

576+00.00

PP 0.020 8:1 8:1 0.018 ℄

3:1 3:1

D.P. 444.28

433.55

575+50.00

PP 0.020 8:1 8:1 0.020 ℄

3:1 3:1

444.07

D.P. 445.13

575+00.00

BEGIN CONSTRUCTION STA. 574+75.98

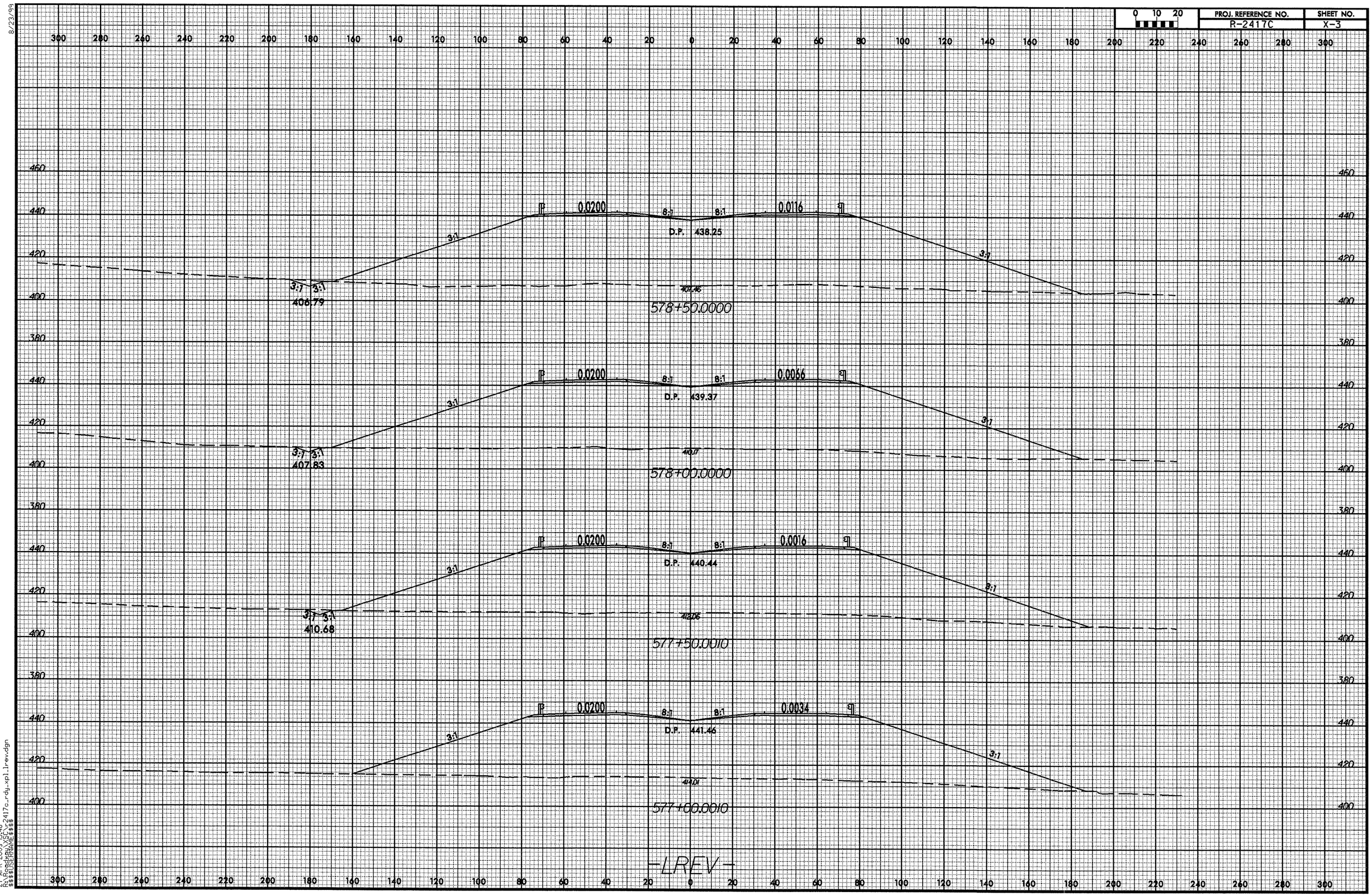
-LREV-

Note: "Quantities are approximate only. The Resident Engineer will re-cross-section the work accurately when the project is staked out. These cross-section notes will be used in computing the final quantities for which the contractor will be paid."

17-AUG-2009 12:23
R:\Roadway\XSEC\r2417c_rdy_xpl_lrev.dgn
$$$$USERNAME$$$$

8/23/99

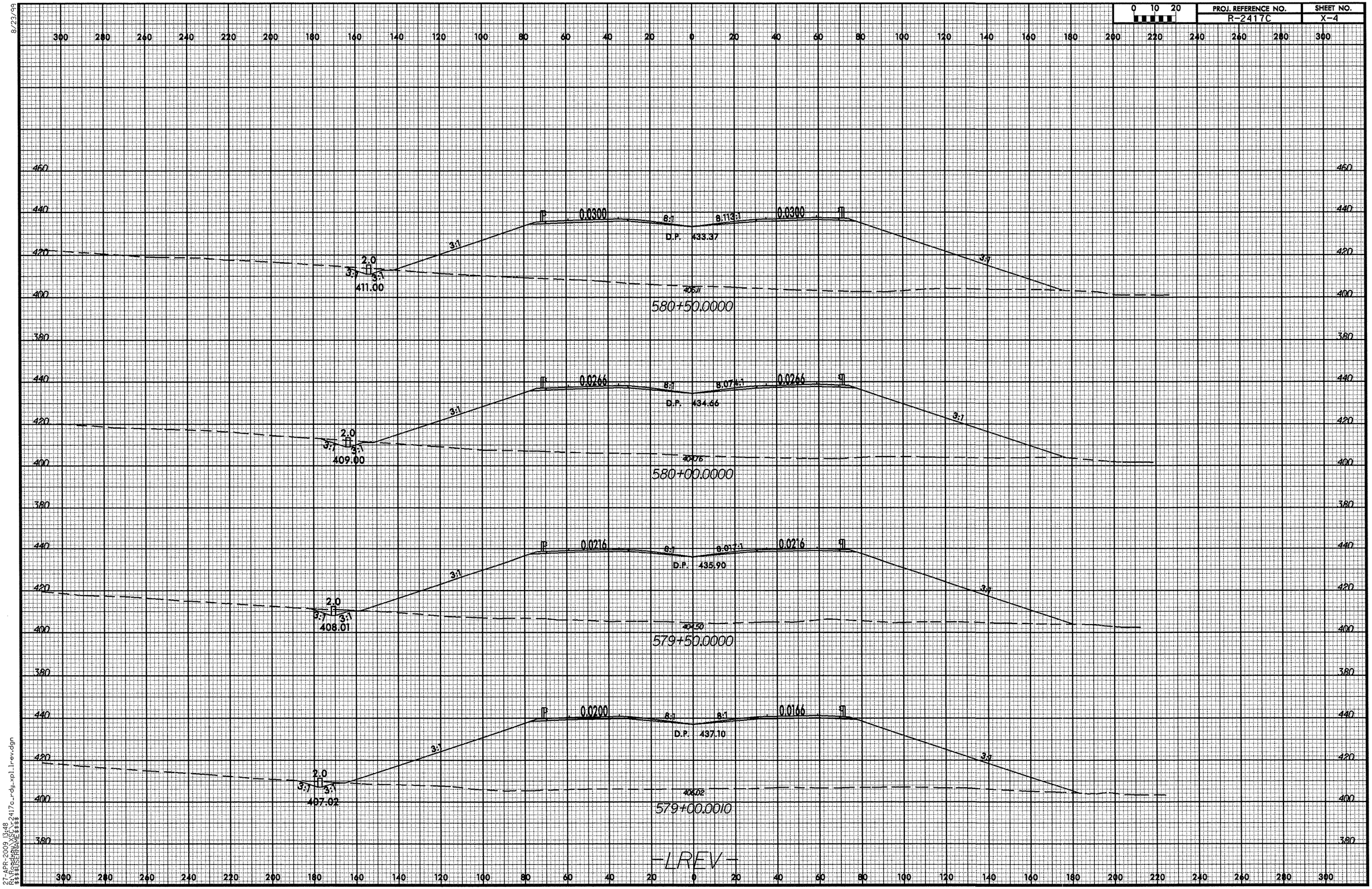
0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-3



27-APR-2009 13:48
R:\Roadway\XSC\r2417c_rdy_xpl_lrev.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-4



27-APR-2009 13:48
$$$$USERNAME$$$$
$$$$MODEL
R-2417c_rdy_xpl_rev.dgn

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-5

583+00.0000

D.P. 426.29

582+50.0010

D.P. 427.79

582+00.0000

D.P. 429.25

581+50.0000

D.P. 430.67

581+00.0010

D.P. 432.04

-LREV-

27-APR-2009 13:49
R:\Roadway\XSC\r2417c_rdy_xpl_rev.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-6

585+50.0000

6:1 0.0300 8:1 8.113:1 0.0300 3:1

418.42 416.26 D.P. 418.53

585+00.0010

6:1 0.0300 8:1 8.113:1 0.0300 3:1

D.P. 420.01 414.21

584+50.0000

5.88:1 0.0300 8:1 8.113:1 0.0300 3:1

D.P. 421.58 412.15

584+00.0000

4.2:1 0.0300 8:1 8.113:1 0.0300 3:1

3:1 3:1 416.57 D.P. 423.16 409.83

583+50.0000

4:1 0.0300 8:1 8.113:1 0.0300 3:1

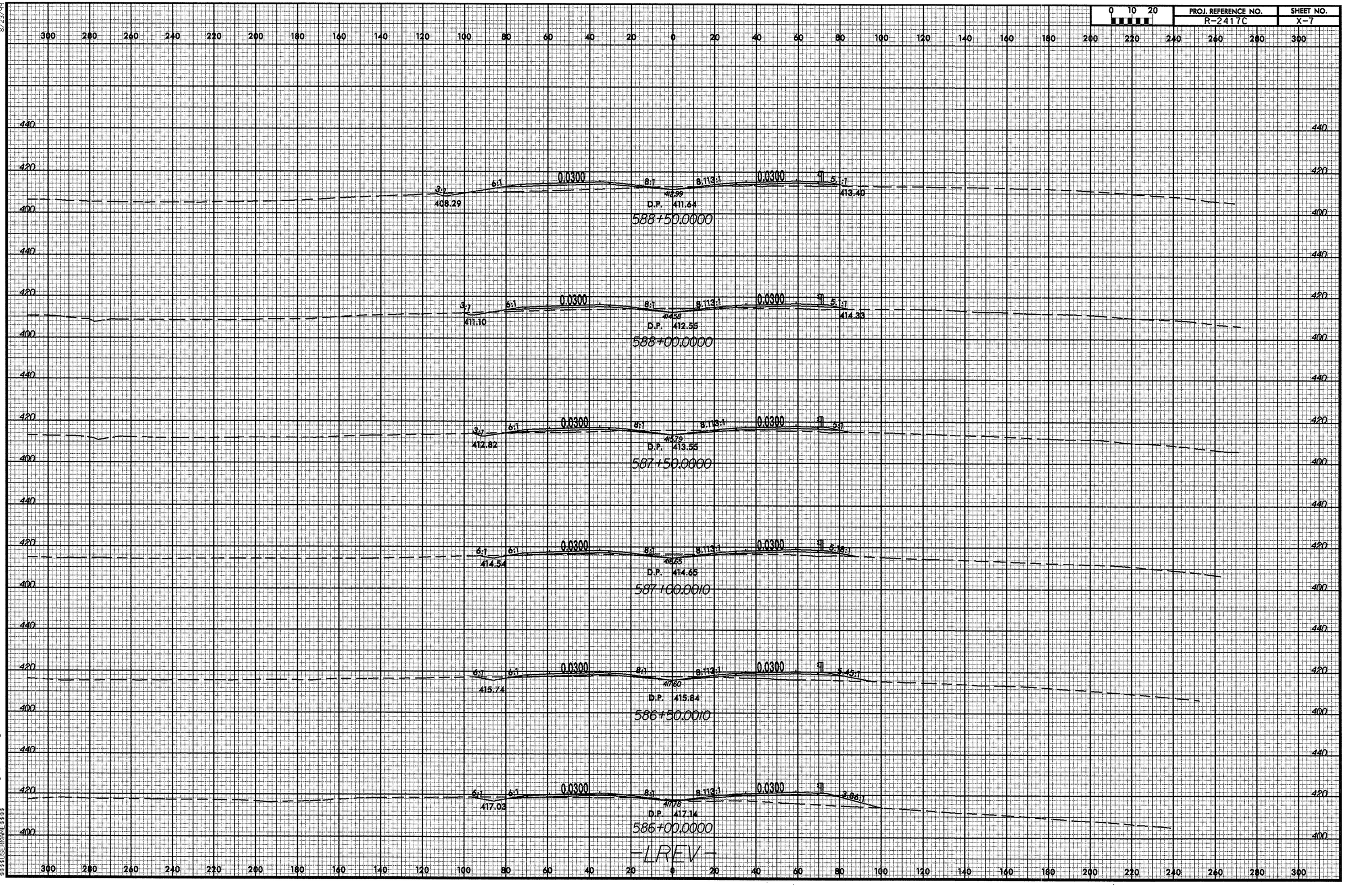
3:1 3:1 416.26 D.P. 424.74 409.00

-LREV-

27-APR-2009 13:49
R:\Roadway\xsc\r2417c_rdy_xpl_lrev.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-7



27-APR-2009 13:49
R:\Roadway\XSC\r2417c_rdy_xpl_lrev.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-8

591+50.0010

3.93:1 6:1 0.0300 8:1 8.113:1 0.0300 3:1

407.49 D.P. 408.24 407.5

591+00.0010

3:1 3:1 6:1 0.0300 8:1 8.113:1 0.0300 3:1

405.12 D.P. 408.56 397.94

590+50.0000

3:1 3:1 4.70:1 0.0300 8:1 8.113:1 0.0300 3.58:1

402.74 D.P. 408.98 395.59

590+00.0000

5:1 3:1 3.20:1 0.0300 8:1 8.113:1 0.0300 5.35:1

400.37 D.P. 409.50 400.55

589+50.0010

3.5:1 0.0300 8:1 8.113:1 0.0300 5.38:1

405.29 D.P. 410.12

589+00.0000

5:1 4:1 0.0300 8:1 8.113:1 0.0300 5.1:1

403.35 409.58 D.P. 410.83

-LREV-

27-APR-2009 13:49
R:\Projects\R-2417c_rdy_xpl.lrev.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-9

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

440 420 400 380

3:1 6:1 0.0200 8:1 8:1 0.0112 3:1
406.62 401.45
D.P. 407.10
594+00.0010

3:1 6:1 0.0200 8:1 8:1 0.0162 3:1
406.77 409.19
D.P. 407.32
593+50.0010

3:1 6:1 0.0212 8:1 8.013:1 0.0212 3:1
406.93 406.53
D.P. 407.55
593+00.0000

3:1 6:1 0.0262 8:1 8.070:1 0.0262 3:1
407.09 407.62
D.P. 407.77
592+50.0010

3:1 6:1 0.0300 8:1 8.113:1 0.0300 3:1
407.25 408.04
D.P. 408.00
592+00.0010

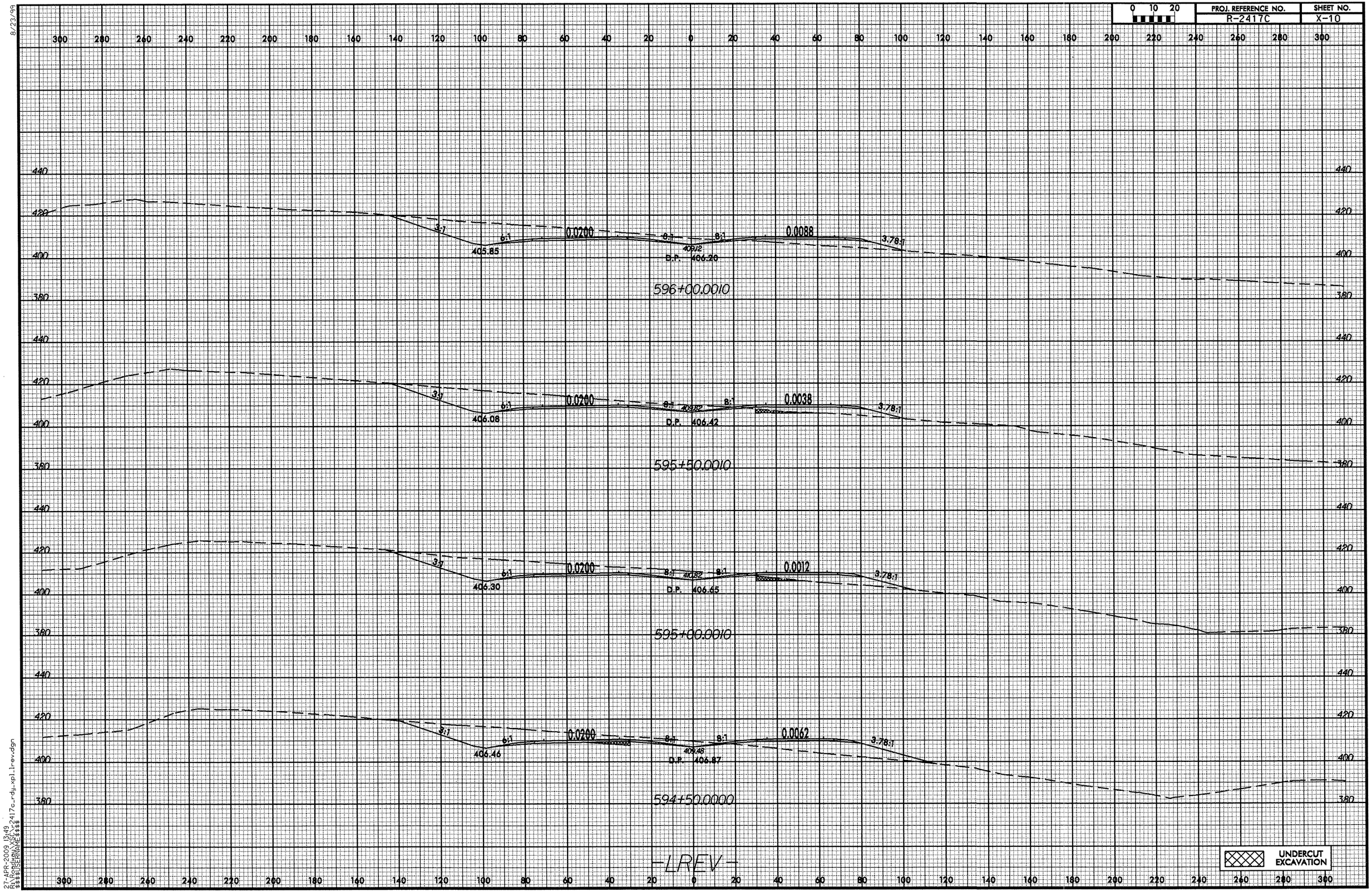
-LREV-

UNDERCUT EXCAVATION

27-APR-2009 13:49
R:\Projects\RW\X\C\2417c_rdy_xpl_rev.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-10



27-APR-2009 13:49
R:\Roadway\SC\r2417c_rdy_xpl_lrev.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-11

-YRPB- STA. 2+00.04

-YRPC- STA. 1+75.14

598+50.0010

-YRPB- STA. 1+50.01

-YRPC- STA. 1+25.10

598+00.0010

-YRPB- STA. 1+00.00

-YRPC- STA. 0+75.06

597+50.0010

-YRPB- STA. 0+50.00

-YRPC- STA. 0+25.02

597+00.0010

-YRPB- STA. 0+00

596+50.0010

-LREV-

27-APR-2009 13:49
R:\Roadway\x\c\2417c_rdy_xpl.lrev.dgn
$$$$USERNAME$$$$

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-12

-YRPB- STA. 4+52.09

-YRPC- STA. 4+25.70

-YRPB- STA. 4+01.22

-YRPC- STA. 3+75.46

-YRPB- STA. 3+50.65

-YRPC- STA. 3+25.32

-YRPB- STA. 3+00.30

-YRPC- STA. 2+75.24

-YRPB- STA. 2+50.12

-YRPC- STA. 2+25.18

601+00.0000

600+50.0000

600+00.0000

599+50.0000

599+00.0000

-LREV-

8/23/99

27-APR-2009 13:49
R:\Roadway\XSC\r2417c_rdy_xpl_lrev.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-13

-YRPB- STA. 7+13.19

-YRPC- STA. 6+80.71

-YRPB- STA. 6+59.81

-YRPC- STA. 6+28.96

-YRPB- STA. 6+07.09

-YRPC- STA. 5+77.66

-YRPB- STA. 5+54.95

-YRPC- STA. 5+26.73

-YRPB- STA. 5+03.31

-YRPC- STA. 4+76.09

603+50.0000

603+00.0000

602+50.0000

602+00.0000

601+50.0000

-LREV-

27-APR-2009 13:49
R:\Active\R-2417c\rdy_xpl.lrev.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-14

606+00.0000

0.0200 8:1 8:1 0.0200 3.9:1 394.96
4:1 D.P. 401.70
390.44
373.05

605+50.0000

0.0200 8:1 8:1 0.0200 399.95
4:1 3.8:1
D.P. 401.92
395.52
376.70

605+00.0000

YRPC STA. 8+39.34

0.0200 8:1 8:1 0.0200 0.0844
4:1 4.65:1 3:1
D.P. 402.15
397.42
4.2:1 D.P. 390.87
381.32

604+50.0000

-YRPC- STA. 7+85.81

0.0200 8:1 8:1 0.0200 0.0843
4:1 4.25:1 3:1
D.P. 402.37
397.58
4.4:1 D.P. 393.59
385.63

604+00.0000

-YRPB- STA. 7+67.28

-YRPC- STA. 7+32.96

3:1 0.0719 0.0200 8:1 8:1 0.0200 3.9:1 4.20:1 0.0832
6.54:1 4:1 4:1 3:1
391.65 D.P. 402.50
400.11
D.P. 387.91 D.P. 396.38

-LREV-

27-APR-2009 13:49
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-15

608+00.0010

360.12

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

D.P. 400.80

377.61

372.80

607+50.0010

363.33

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

D.P. 401.02

381.73

370.39

607+00.0000

366.53

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

D.P. 401.25

385.60

375.74

606+50.0000

369.73

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

D.P. 401.47

390.18

384.28

-LREV-

27-APR-2009 13:49
R:\Roadway\x_r2417c_rdy_xpl_lrev.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-16

610+00.0000

0.0200 8:1 8:1 0.0200

D.P. 399.90

4:1 2:1

354.36

609+50.0000

0.0200 8:1 8:1 0.0200

D.P. 400.12

4:1 3:1

366.53

609+00.0000

0.0200 8:1 8:1 0.0200

D.P. 400.35

4:1 3:1

368.13

608+50.0010

0.0200 8:1 8:1 0.0200

D.P. 400.57

4:1 4:1

374.29

371.66

-LREV-

27-APR-2009 13:49
R:\Projects\XSEC\2417c_rdy_xpl.lrev.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-17

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

420 400 380 360 340 320

0.0200 0.0200

3:1 2:1

D.P. 399.42

2.0

342.91

611+50.0000

0.0200 0.0200

7.677:1 7.725:1

3:1 2:1

D.P. 399.57

611+00.0000

0.0200 0.0200

8:1 8:1

3:1 2:1

D.P. 399.72

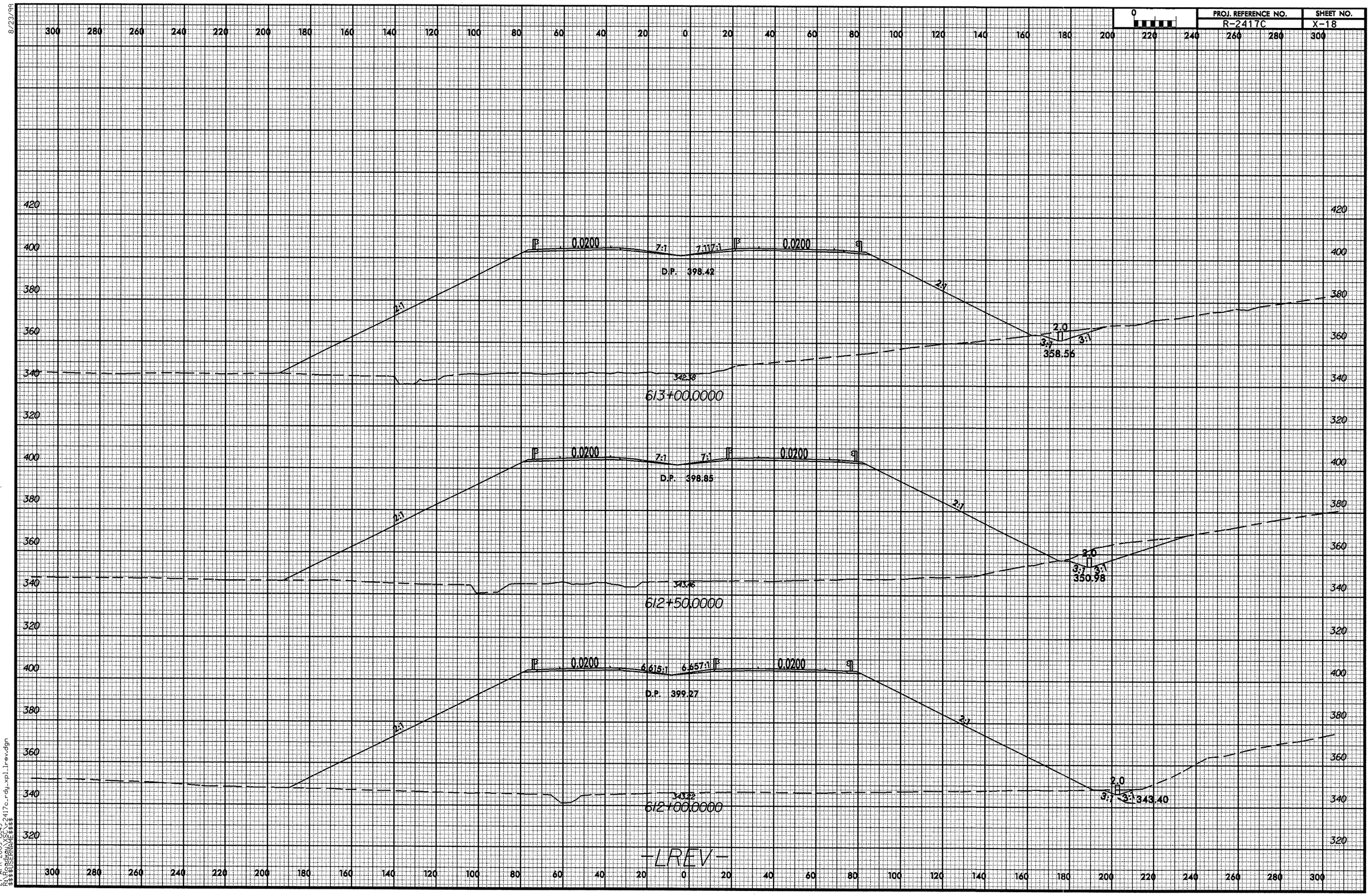
610+50.0000

-LREV-

27-APR-2009 13:49
R:\R-Proj\...\xsec_2417c_rdy_xpl_lrev.dgn
$$$$USERNAME$$$$

8/23/99

PROJ. REFERENCE NO.	SHEET NO.
R-2417C	X-18



27-APR-2009 13:49
R:\Projects\RNA\XSC\r2417c_rdy_xpl_1rev.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-19

614+50.0000

0.0200 0.0200

359.38

614+00.0000

0.0200 8:1 8:1 0.0200

400.20

D.P. 398.10

2:1

365.91

613+50.0000

0.0200 8:1 8:1 0.0200

D.P. 398.42

2:1 2:1

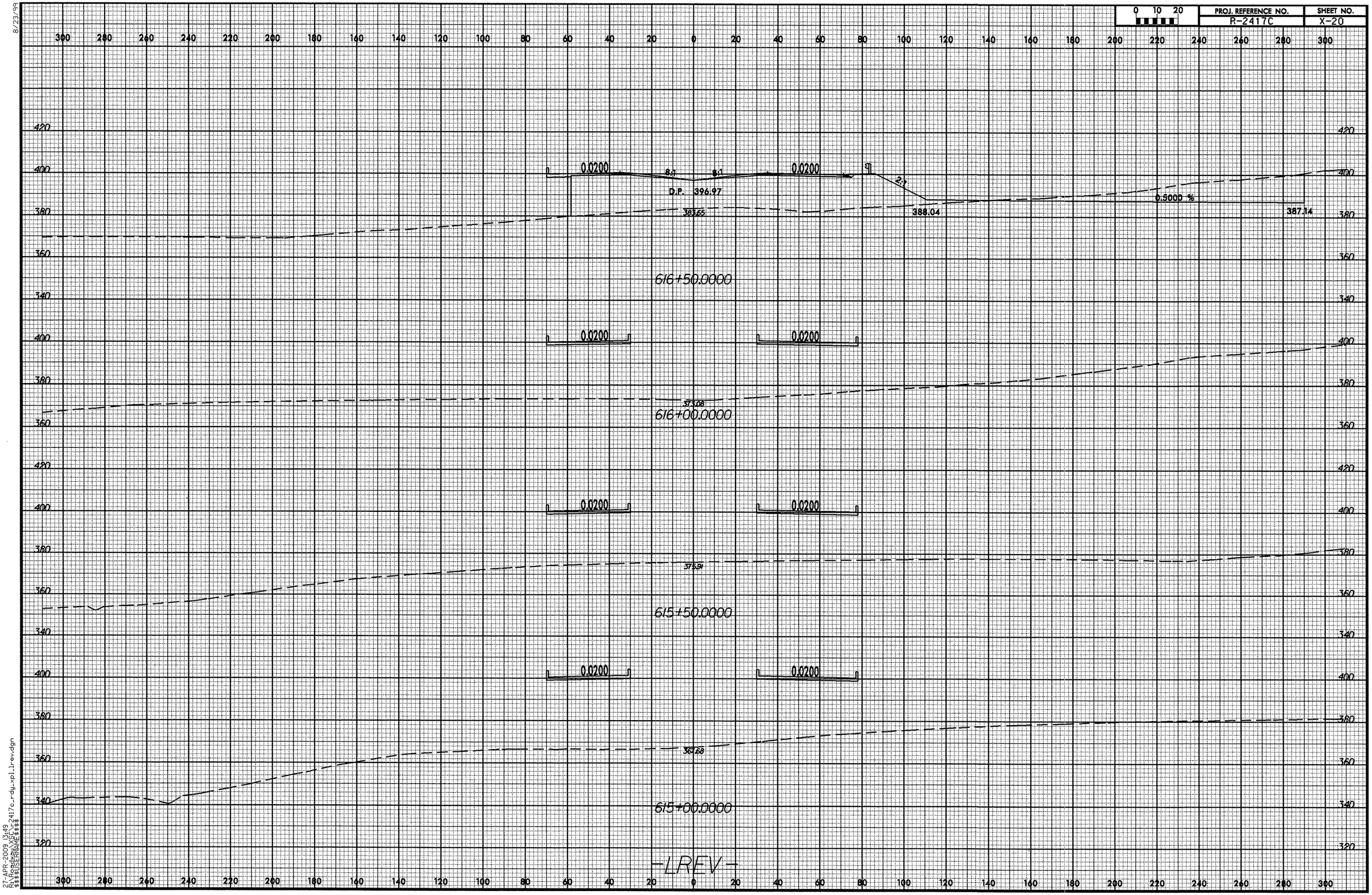
349.77

-LREV-

27-APR-2009 13:19
R:\PROJECTS\2417C\rdy_xpl_lrev.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-20



27-APR-2009 13:49
R:\Roadway\XSC\r2417c_rdy_xpl_lrev.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-21

-YLPD- STA. 1+40.29

0.0200 | 8:1 | 8:1 | 0.0200 | 0.0392 | 3:1

D.P. 396.62

388.81

0.5000 %

387.90

2.87:1

345.11

618+00.0000

YLPD STA. 0+90.03

0.0200 | 8:1 | 8:1 | 0.0200 | 0.0246 | 3:1

394.54

D.P. 396.67

388.58

0.5000 %

387.65

2.469:1

351.66

617+50.0000

-YLPD- STA. 0+40.00

0.0200 | 8:1 | 8:1 | 0.0200 | 0.0201 | 3:1

D.P. 396.80

389.32

388.29

0.5000 %

387.40

2:1

359.64

617+00.0000

-LREV-

27-APR-2009 13:49
$$$$USERNAME$$$$
$$$$USERNAME$$$$
r2417c_rdy_xpl1rev.dgn

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-22

-YLPD- STA. 3+03.18

407.92

0.0200 | 8:1 | 8:1 | 0.0200 | 2.6:1 | 5.25% | 0.0790 | 5.7304 %

D.P. 396.02

394.54

393.65

4:1

350.10

619+50.0010

-YLPD- STA. 2+44.55

406.29

0.0200 | 8:1 | 8:1 | 0.0200 | 0.0695 | 5.2:1 | 0.5000 %

D.P. 396.57

392.02

391.63

4:1

347.46

619+00.0010

-YLPD- STA. 1+91.34

402.80

0.0200 | 8:1 | 8:1 | 0.0700 | 0.0544 | 4:1 | 0.5000 %

D.P. 396.57

390.28

389.61

4:1

344.08

618+50.0000

-LREV-

27-APR-2009 13:50
R:\Roadway\X_sec\r2417c_rdy_xpl_lr-rev.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-23

621+50.0010

360.68

4:1

0.0200

8:1

40.15

8:1

0.0200

D.P. 394.72

5.555:1

371.77

621+00.0010

358.03

4:1

0.0200

8:1

40.70

8:1

0.0200

D.P. 394.95

6:1

383.91

620+50.0010

355.39

4:1

0.0200

8:1

40.57

8:1

0.0200

D.P. 395.17

5.72:1

392.63

620+00.0010

352.75

4:1

0.0200

8:1

40.72

8:1

0.0200

D.P. 395.54

5:1

390.29

-LREV-

27-APR-2009 13:50
R:\Projects\R-2417c\Design\R-2417c_rdy_xpl_lrev.dgn
$$$$USERNAME$$$$

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-24

623+50.0000

372.16
A:1
0.0200
8:1
D.P. 393.82
387.00
8:1
0.0200
5.7:1
370.77

623+00.0000

369.14
A:1
0.0200
8:1
D.P. 394.05
394.01
8:1
0.0200
6.2:1
370.98

622+50.0000

366.17
A:1
0.0200
8:1
D.P. 394.27
394.55
8:1
0.0200
6.7:1
371.19

622+00.0010

363.34
A:1
0.0200
8:1
D.P. 394.50
394.92
8:1
0.0200
7.435:1
371.39

-LREV-

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-25

-YRPA- STA. 7+07.94

0.0892

4.42:1

D.P. 384.42

3:1

4:1

0.0200

8:1

8:1

0.0200

D.P. 392.92

4:1

373.77

360.06

625+50.0000

-YRPA- STA. 7+60.79

0.0900

4.52:1

D.P. 381.38

3:1

4:1

0.0200

8:1

8:1

0.0200

D.P. 393.15

4:1

370.14

362.73

625+00.0000

-YRPA- STA. 8+14.31

0.0774

4.31:1

D.P. 377.83

3:1

4:1

0.0200

8:1

8:1

0.0200

D.P. 393.37

4587:1

375.33

370.35

624+50.0000

-YRPA- STA. 8+68.47

0.0644

4.38:1 D.P. 374.19

3:1

4:1

0.0200

8:1

8:1

0.0200

D.P. 393.60

5137:1

369.69

370.56

624+00.0000

-LREV-

27-APR-2009 13:50
R:\RAD_OPS\XSOV\2417c_rdy_xpl1rev.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-26

-YRPA- STA. 5+52.64

-YRPD- STA. 8+68.19

-YRPA- STA. 6+03.94

-YRPA- STA. 6+55.66

-LREV-

27-APR-2009 15:46
R:\Roadway\SCVs\r2417c_rdy_xpl_lrev.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-27

-YRPA- STA. 3+50.44

-YRPD- STA. 6+59.70

629+00.0000

-YRPA- STA. 4+00.68

-YRPD- STA. 7+11.08

628+50.0000

-YRPA- STA. 4+51.07

-YRPD- STA. 7+62.90

628+00.0000

-YRPA- STA. 5+01.71

-YRPD- STA. 8+15.24

627+50.0000

-LREV-

27-APR-2009 13:50
R:\Roadway\x$c\r2417c_rdy_xpl_lrev.dgn
$$$USERNAME$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-28

-FRONT- STA. 22+19.66
-YRPA- STA. 1+00.08
-YRPD- STA. 4+06.83
3:1
4.01:1
376.5
0.024
0.013
4.01:1
D.P. 376.69
5.29:1
0.020
0.020
8:1
389.93
8:1
D.P. 390.22
0.020
0.080
6.02:1
3:1
388.06
631+50.00

-FRONT- STA. 21+69.49
-YRPA- STA. 1+50.12
-YRPD- STA. 4+57.08
3:1
4.01:1
374.02
0.024
0.011
4.01:1
D.P. 374.69
4.78:1
0.020
0.020
8:1
394.9
8:1
D.P. 390.45
0.020
0.080
6.04:1
3:1
387.86
631+00.00

-YRPA- STA. 2+00.16
-YRPD- STA. 5+07.44
3:1
5:1
389.98
0.020
0.020
8:1
391.33
8:1
D.P. 390.67
0.020
0.080
6.05:1
6.05:1
387.66
630+50.00

-YRPA- STA. 2+50.22
-YRPD- STA. 5+57.96
6:1
6:1
389.36
0.027
0.020
8:1
388.59
8:1
D.P. 390.20
0.020
2:1
2:1
0.080
D.P. 391.48
6.08:1
3:1
3:1
384.77
630+00.00

-YRPA- STA. 3+00.30
-YRPD- STA. 6+08.69
6:1
6:1
0.040
0.020
8:1
D.P. 391.12
386.32
8:1
0.020
2:1
2:1
0.080
D.P. 390.08
4.26:1
3:1
3:1
380.58
629+50.00

-LREV-

UNDERCUT EXCAVATION

29-OCT-2009 10:50
R:\Roadway\XSC\r2417c_rdy_xpl_lrev.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-29

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

440 420 400 380 360

-FRONT- STA. 24+21.16

3:1 4.01:1 0.022 0.018 4.01:1 4:1 0.024 8.046:1 8:1 0.024 0.080 6:1 3:1

384.10 D.P. 379.32 406.73 D.P. 389.32 387.75

-VRPD- STA. 2+06.77

633+50.00

-FRONT- STA. 23+70.33

3:1 4.01:1 0.022 0.018 4.01:1 4:1 0.011 8:1 8:1 0.020 0.080 6:1 3:1

382.82 D.P. 378.36 406.12 D.P. 389.55 388.041

-VRPD- STA. 2+56.53

633+00.00

-FRONT- STA. 23+19.99

-YRPA- STA. 0+00.00

-YRPD- STA. 3+06.50

3:1 4.01:1 0.023 0.017 4.01:1 4.426:1 0.020 0.003 8:1 8:1 0.020 0.080 6:1 3:1

381.12 D.P. 377.80 404.17 D.P. 389.77 389.19

632+50.00

-FRONT- STA. 22+69.82

-YRPA- STA. 0+50.04

-YRPD- STA. 3+56.58

3:1 4.01:1 0.024 0.016 4.01:1 4.85:1 0.020 0.016 8:1 8:1 0.020 0.080 6:1 3:1

378.97 D.P. 377.25 400.55 D.P. 390.00 388.20

632+00.00

-LREV-

UNDERCUT EXCAVATION

29-OCT-2009 10:50
R:\Roadway\XSCV_2417c_rdy_xpl_lrev.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-30

-FRONT- STA. 26+28.98

-YRPD- STA. 0+69.30

412.81

3:1 4:1 0.020 0.020 4:1 4:1 0.078 9.46:1 7.2:1 0.078 0.080 6:1 3:1

385.06 385.74

D.P. 380.49 D.P. 388.64

635+50.00

-FRONT- STA. 25+76.39

-YRPD- STA. 0+38.42

412.09

3:1 4:1 0.020 0.020 4:1 4:1 0.064 9:1 7.4:1 0.064 0.080 6:1 3:1

385.22 386.28

D.P. 380.64 D.P. 388.79

635+00.00

-FRONT- STA. 25+24.22

-YRPD- STA. 1+07.71

411.78

3:1 4.01:1 0.0201 0.0198 4.01:1 4:1 0.0508 8.587:1 7.524:1 0.0508 0.0799 6:1 3:1

385.29 386.79

D.P. 380.51 D.P. 388.95

634+50.00

-FRONT- STA. 24+72.47

-YRPD- STA. 1+57.16

410.02

3:1 4.01:1 0.021 0.019 4.01:1 4:1 0.038 8.199:1 8:1 0.038 0.080 6:1 3:1

384.92 387.32

D.P. 380.00 D.P. 389.10

634+00.00

-LREV-

UNDERCUT EXCAVATION

29-OCT-2009 10:51
$$$$USERNAME$$$$
R:\RD_Projects\r2417c_rdy_xpl_lrev.dgn

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-31

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

440 420 400 380 360

-FRONT- STA. 28+40.31

4025

3:1 4:1 0.020 0.020 3.5:1 4:1 0.080 10.768:1 7.834:1 0.080 6:1 3:1

385.23 D.P. 379.88 D.P. 388.02 384.79

637+50.00

-FRONT- STA. 27+87.50

4188

3:1 4:1 0.020 0.020 3.538:1 4:1 0.080 10.4:1 7.637:1 0.080 6:1 3:1

385.38 D.P. 380.03 D.P. 388.17 385.00

637+00.00

-FRONT- STA. 27+34.67

4212

3:1 4:1 0.000 0.020 3.566:1 4:1 0.080 10:1 7.464:1 0.080 6:1 3:1

385.13 D.P. 380.18 D.P. 388.33 385.23

636+50.00

-FRONT- STA. 26+81.84

4215

3:1 4:1 0.020 0.020 3.6:1 4:1 0.080 9.78:1 7.3:1 0.080 6:1 3:1

384.90 D.P. 380.34 D.P. 388.48 385.45

636+00.00

-LREV-

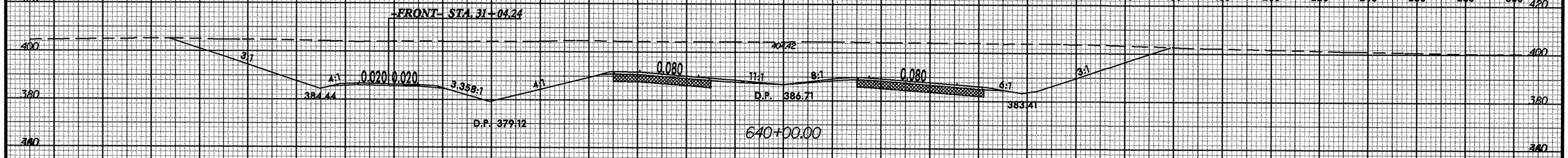
UNDERCUT EXCAVATION

29-OCT-2009 10:51
$$$$USERNAME$$$$

8/23/99

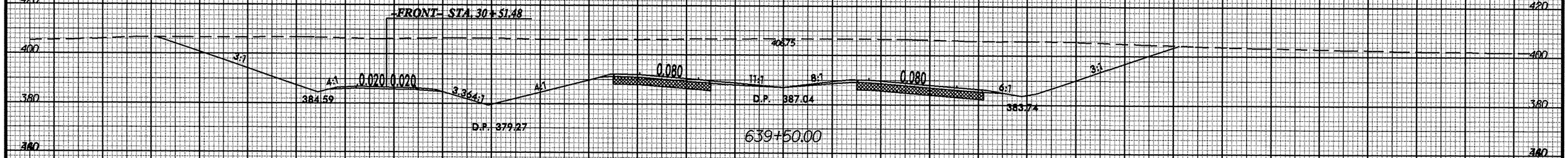
0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-32

-FRONT- STA. 31+04.24



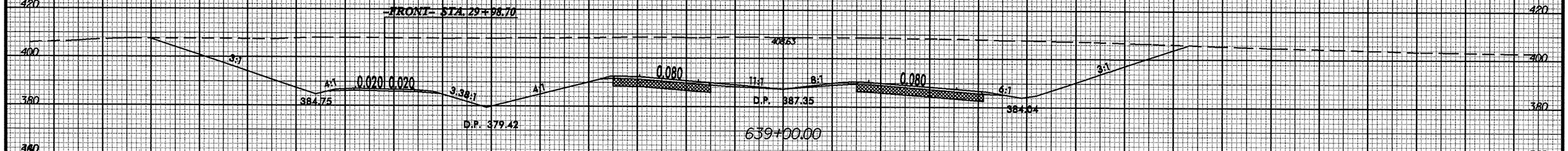
640+00.00

-FRONT- STA. 30+51.48



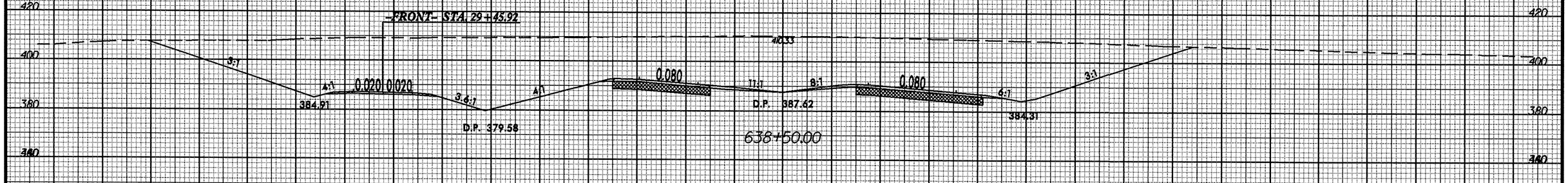
639+50.00

-FRONT- STA. 29+98.70



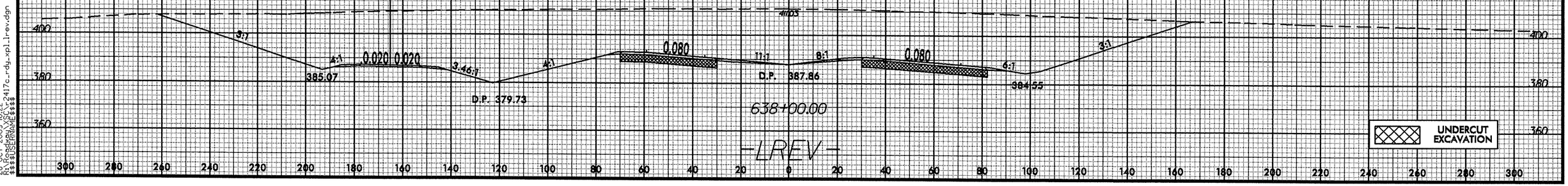
639+00.00

-FRONT- STA. 29+45.92



638+50.00

-FRONT- STA. 28+93.12



638+00.00

-LREV-

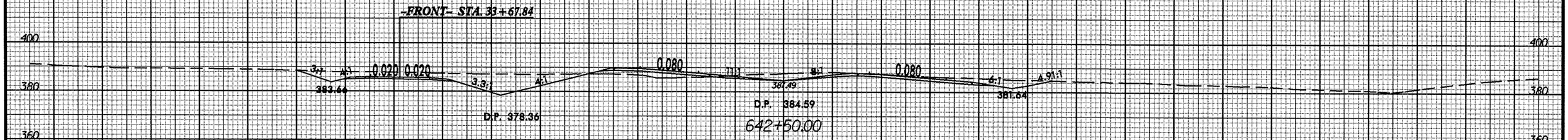
UNDERCUT EXCAVATION

28-OCT-2008 10:22
R:\projects\2417c\roadway\pl1\rev.dgn
$$$$USERNAME$$$$

8/23/99

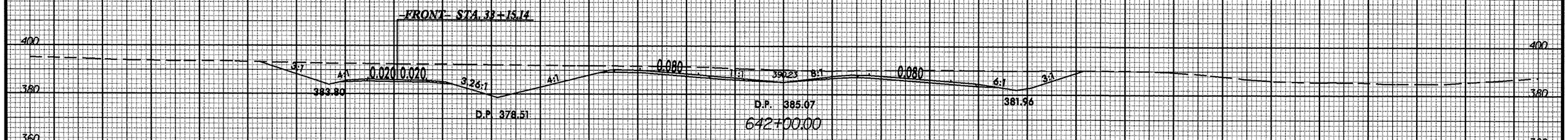
0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-33

-FRONT- STA. 33+67.84



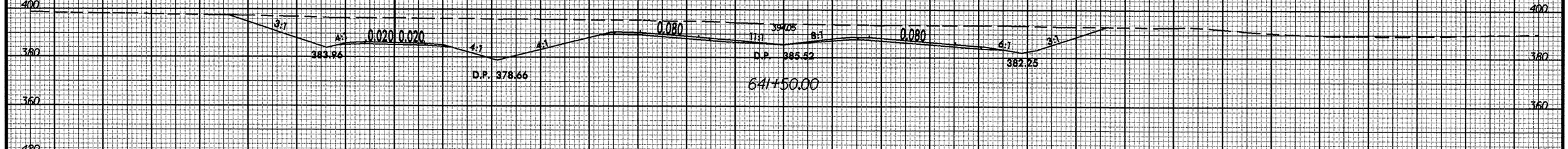
642+50.00

-FRONT- STA. 33+15.14



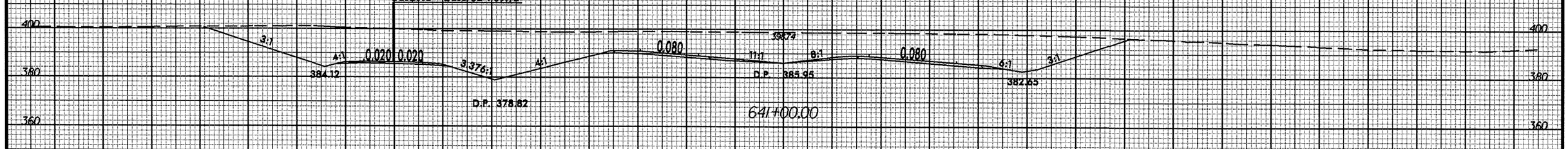
642+00.00

-FRONT- STA. 32+62.44



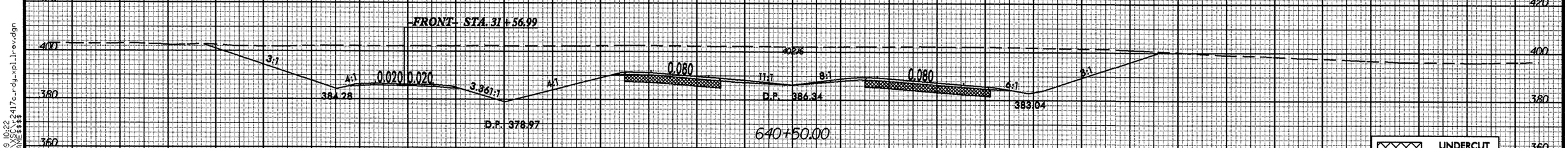
641+50.00

-FRONT- STA. 32+09.72



641+00.00

-FRONT- STA. 31+56.99



640+50.00

-LREV-

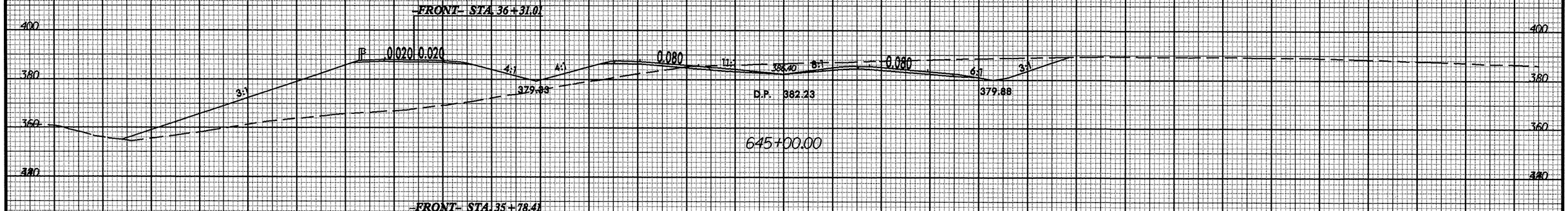
UNDERCUT EXCAVATION

28-OCT-2009 10:22
C:\projects\2417c_rdy_xpl_lrev.dgn
$$$$USERNAME$$$$

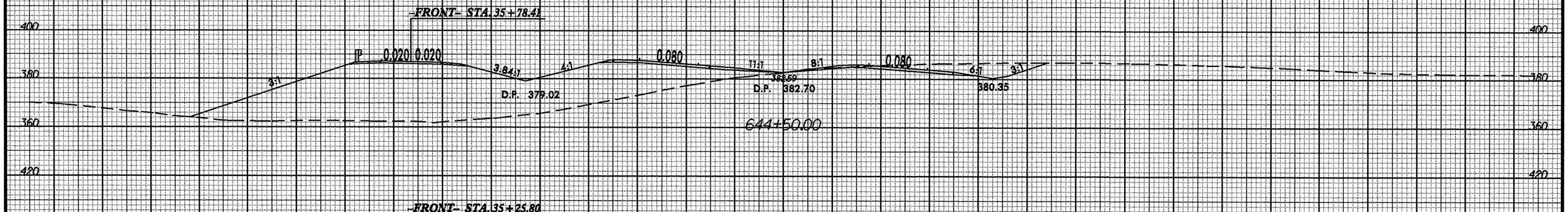
8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-34

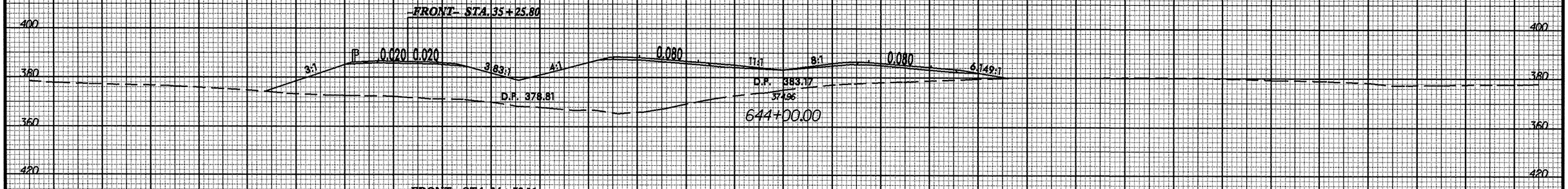
-FRONT- STA. 36+31.01



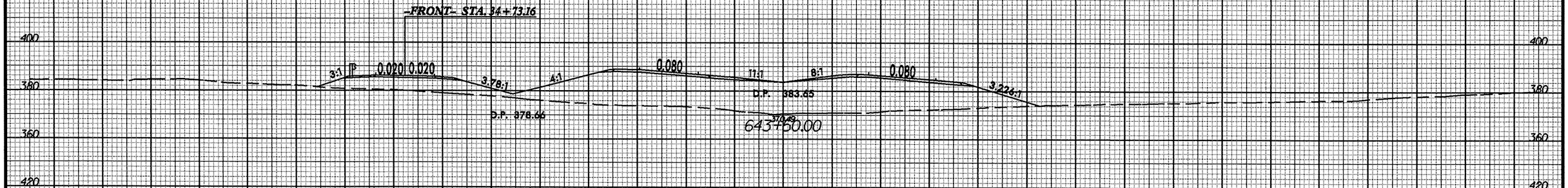
-FRONT- STA. 35+78.41



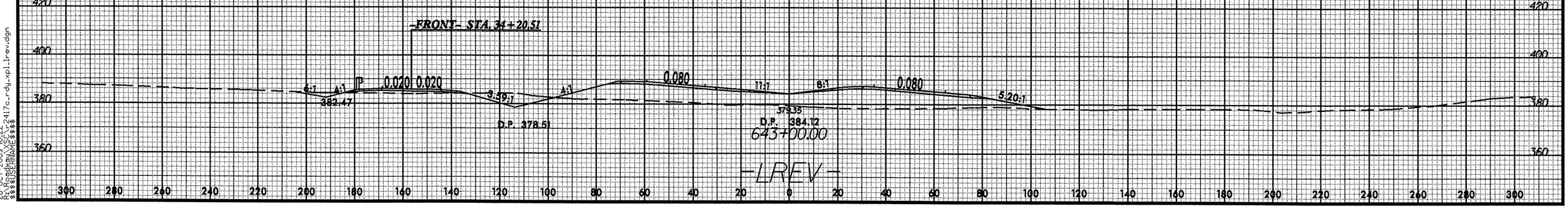
-FRONT- STA. 35+25.80



-FRONT- STA. 34+73.16



-FRONT- STA. 34+20.51



-LREV-

28-OCT-2009 10:22
R:\$\$\$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-35

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

420 400 380 360 340

-FRONT- STA. 38+41.17

3:1 4:1 6:1 11:1 8:1 6:1 3:1 | 0.013 0.020 | 0.080 | 0.080

388.82 381.75 392.63 D.P. 380.33 377.99

647+00.00

-FRONT- STA. 37+88.66

3:1 4:1 5.6:1 11:1 8:1 6:1 3:1 | 0.012 0.020 | 0.080 | 0.080

381.54 39.90 D.P. 380.81 378.46

646+50.00

FRONT- STA. 37+36.14

3:1 4:1 5.67:1 11.3:1 8:1 6:1 3:1 | 0.020 0.020 | 0.080 | 0.080

381.32 390.37 D.P. 381.32 378.94

646+00.00

-FRONT- STA. 36+83.58

3:1 4:1 5.7:1 11:1 8:1 6:1 3:1 | 0.020 0.020 | 0.080 | 0.080

381.09 388.54 D.P. 381.75 379.41

645+50.00

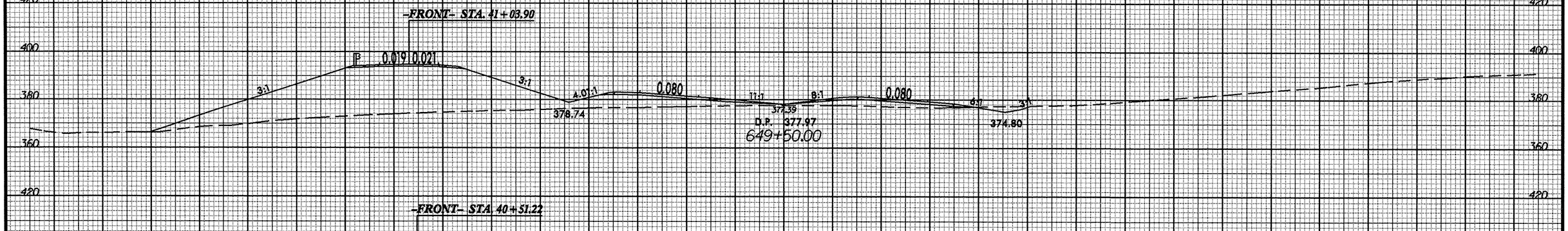
-LREV-

28-OCT-2009 10:22
28-OCT-2009 X02417c_rdy_xpl.lrev.dgn
$$$$USERNAME$$$$

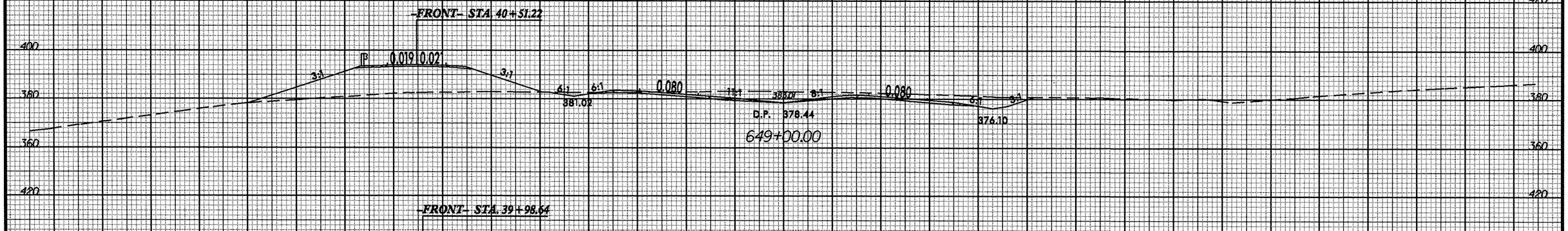
8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-36

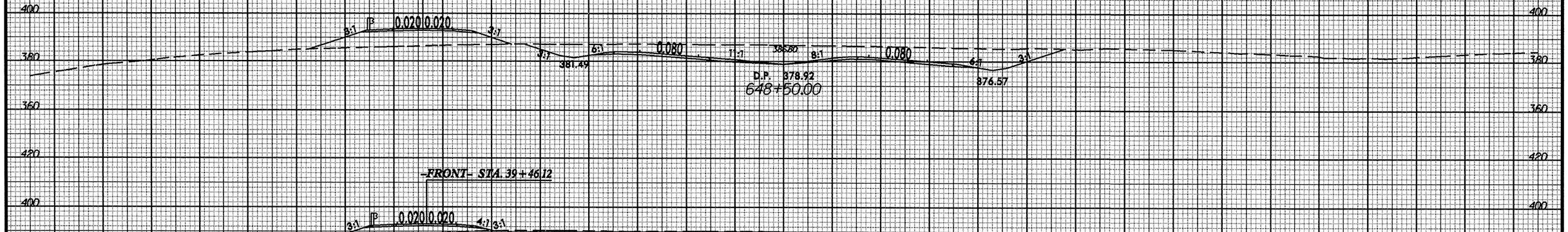
-FRONT- STA. 41+03.90



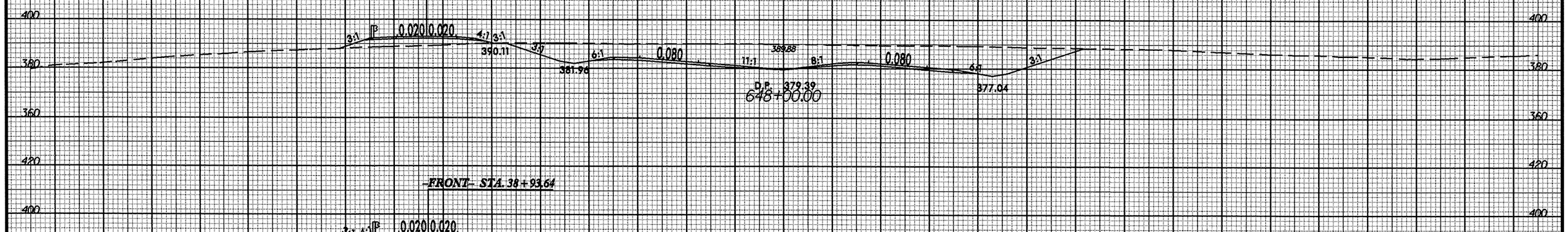
-FRONT- STA. 40+51.22



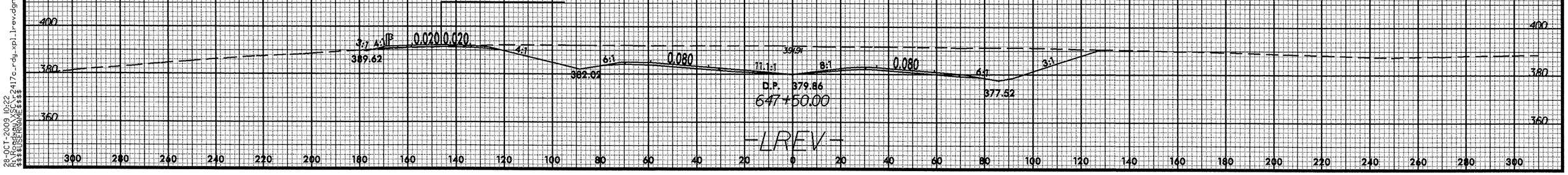
-FRONT- STA. 39+98.64



-FRONT- STA. 39+46.12



-FRONT- STA. 38+93.64



-LREV-

28-OCT-2009 10:22
R:\pc_projects\2417c_rdy_xpl_lrev.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-37

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

440 420 400 380 360

-FRONT- STA. 43+12.24

3:1 | P | 0.019 | 0.021 | 3:1 | 3:1 | 6:1 | 6:1 | 0.027 | 6:1 | 6:1 | 0.027 | 6:1 | 3:1

376.88 | 39403 | 375.52 | 375.48

D.P. 651+50.00

-FRONT- STA. 42+60.69

3:1 | P | 0.019 | 0.021 | 3:1 | 3:1 | 6:1 | 6:1 | 0.040 | 6:1 | 6:1 | 0.040 | 6:1 | 3:1

377.78 | 38786 | 376.17 | 375.31

D.P. 651+00.00

-FRONT- STA. 42+08.77

3:1 | P | 0.019 | 0.021 | 3:1 | 6:1 | 6:1 | 0.054 | 6:1 | 6:1 | 0.054 | 6:1 | 3:1

378.71 | 38036 | 376.74 | 375.14

D.P. 650+50.00

-FRONT- STA. 41+56.49

3:1 | P | 0.019 | 0.021 | 3:1 | 3:1 | 10:1 | 8:1 | 0.067 | 6:1 | 3:1

377.74 | 37634 | 377.34 | 374.97

D.P. 650+00.00

-LREV-

28-OCT-2009 10:22
$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-38

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

440 420 400 380 360

-FRONT- STA. 45+14.75

3:1 4:1 0.018 0.021 3.6:1 6:1 6:1 0.020 8:1 8:1 0.020 6:1 3:1

395.80 373.76 373.63 373.76

D.P. 653+50.00

402.35

-FRONT- STA. 44+64.38

3:1 4:1 0.018 0.021 3.6:1 6:1 6:1 0.013 8:1 8:1 0.020 6:1 3:1

395.97 374.40 374.10 374.23

D.P. 653+00.00

400.21

-FRONT- STA. 44+14.00

3:1 4:1 0.018 0.021 3.5:1 6:1 6:1 0.000 8:1 8:1 0.020 6:1 3:1

395.41 375.20 374.57 374.71

D.P. 652+50.00

398.42

-FRONT- STA. 43+63.36

3:1 0.019 0.021 3:1 3:1 6:1 6:1 0.014 8:1 8:1 0.020 6:1 3:1

375.99 375.04 375.18

D.P. 652+00.00

396.79

-LREV-

28-OCT-2009 10:22
$$$$USERNAME$$$$
$$$$ 2417c_rdy_xpl1rev.dgn
$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-39

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

440 420 400 380 360

-FRONT- STA. 47+14.69

2:1 4:1 395.19 0.020 0.019 4:1 3:1 397.39 3:1 6:1 371.64 6:1 0.030 8:1 8:1 0.030 6:1 373.00 3:1

408.34

D.P. 371.73

655+50.00

-FRONT- STA. 46+65.41

2:1 4:1 395.34 0.020 0.020 4:1 3:1 397.49 3:1 6:1 372.34 6:1 0.020 8:1 8:1 0.016 6:1 373.21 3:1

404.81

D.P. 372.21

655+00.00

-FRONT- STA. 46+15.48

3:1 4:1 395.49 0.019 0.020 3.9:1 6:1 372.81 6:1 0.020 8:1 8:1 0.005 6:1 373.36 3:1

401.27

D.P. 372.48

654+50.00

-FRONT- STA. 45+65.12

3:1 4:1 395.65 0.019 0.021 3.7:1 6:1 373.29 6:1 0.020 8:1 8:1 0.010 6:1 373.52 3:1

403.51

D.P. 373.15

654+00.00

-LREV-

UNDERCUT EXCAVATION

28-OCT-2009 10:23
$$$$USERNAME$$$$
$$$$DGNFILE$$$$ 2417c_rdy_xpl_lrev.dgn

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-40

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

440 420 400 380 360

-FRONT- STA. 48+38.16

3:1 4:1 0.021 0.019 4:1 3:1

394.74 395.89

3:1 6:1 6:1 0.070 8:1 10.33:1 0.070 6:1 3:1

368.96 370.75 372.39

D.P. 657+00.00

405.55

-FRONT- STA. 48+11.09

3:1 4:1 0.021 0.019 4:1 3:1

394.89 396.58

3:1 6:1 6:1 0.056 8:1 9.439:1 0.056 6:1 3:1

369.89 371.08 372.59

D.P. 656+50.00

404.29

-FRONT- STA. 47+63.26

3:1 4:1 0.021 0.019 4:1 3:1 402.37

395.04 397.09

3:1 6:1 6:1 0.043 8:1 8.904:1 0.043 6:1 3:1

370.82 371.46 372.80

D.P. 656+00.00

405.32

UNDERCUT EXCAVATION

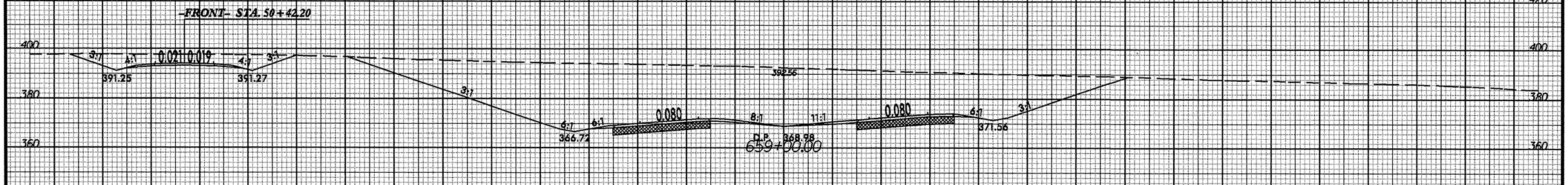
-LREV-

28-OCT-2009 10:23
$$$$USERNAME$$$$
$$$$

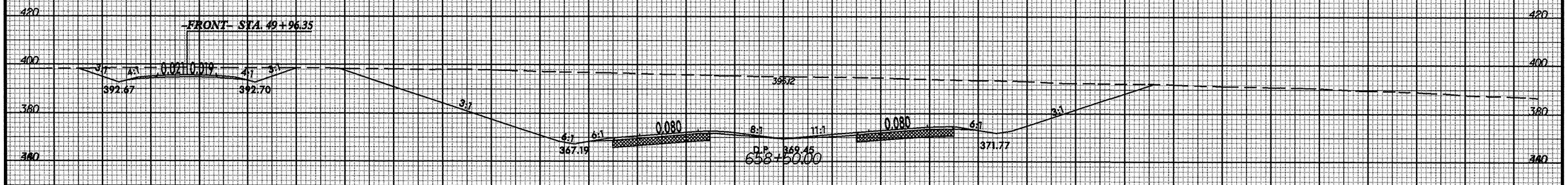
8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-41

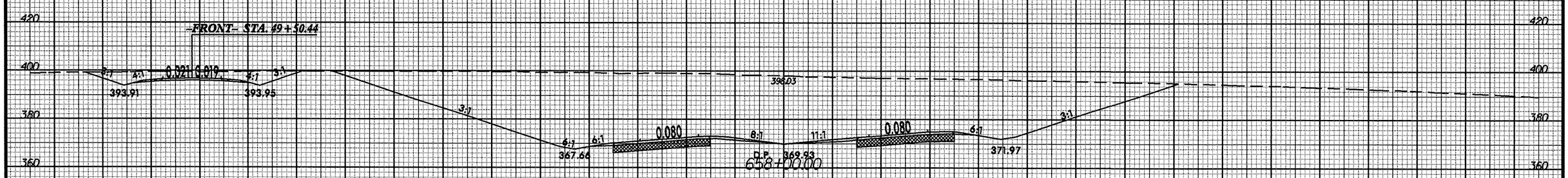
-FRONT- STA. 50+42.20



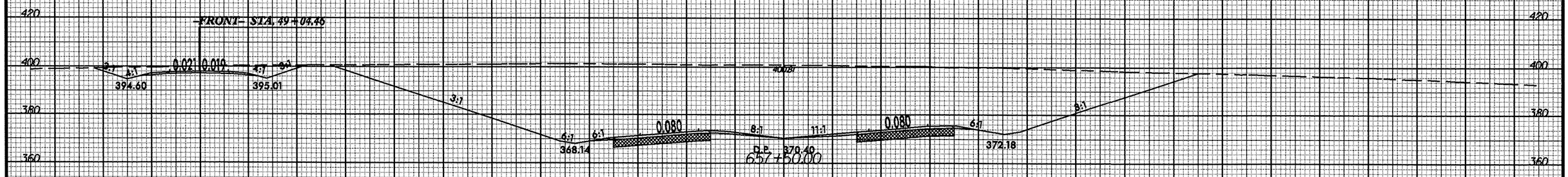
-FRONT- STA. 49+96.35



-FRONT- STA. 49+50.44



-FRONT- STA. 49+04.46



-LREV-

UNDERCUT EXCAVATION

28-OCT-2009 10:03
R:\scdata\proj\R2417c_rdy_xpl_lrev.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-42

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

420 400 380 360 340

–FRONT– STA. 52+25.58

3:1 4:1 0.040 0.040 4:1 3:1

383.48 384.91

3:1 6:1 6:1 0.080 10.4:1 8:1 8:1 12:1 0.080 6:1 3:1

364.90 383.65 D.P. 366.82 369.75

661+00.00

–FRONT– STA. 51+79.72

3:1 4:1 0.026 0.026 4:1 3:1

385.81 386.80

3:1 6:1 6:1 0.080 10.4:1 8:1 8:1 12:1 0.080 6:1 3:1

365.32 385.43 D.P. 367.14 370.16

660+50.00

–FRONT– STA. 51+33.86

3:1 4:1 0.019 0.004 4:1 3:1

387.87 388.34

3:1 6:1 6:1 0.080 10.4:1 8:1 8:1 12:1 0.080 6:1 3:1

365.77 386.99 D.P. 367.50 370.61

660+00.00

–FRONT– STA. 50+88.03

3:1 4:1 0.020 0.017 4:1 3:1

389.65 389.71

3:1 6:1 6:1 0.080 10.4:1 8:1 8:1 12:1 0.080 6:1 3:1

366.24 388.62 D.P. 367.99 371.08

659+50.00

UNDERCUT EXCAVATION

–LREV–

28-OCT-2009 10:23
$$$$USERNAME$$$$
$$$$DGNFILE$$$$
R-2417c_rdy_xpl_lrev.dgn

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-43

-FRONT- STA. 54+54.97

370.01 3:1 4:1 0.029 0.030 4:1 3:1 371.12

363.45 3:1 6:1 6:1 0.080 10.4:1 8:1 8:1 12:1 0.080 4.87:1

370.07

D.P. 365.80

663+50.00

-FRONT- STA. 54+09.06

372.90 3:1 4:1 0.045 0.045 4:1 3:1 374.52

363.66 3:1 6:1 6:1 0.080 10.4:1 8:1 8:1 12:1 0.080 5.60:1

372.76

D.P. 365.92

663+00.00

-FRONT- STA. 53+63.18

375.83 3:1 4:1 0.044 0.045 4:1 3:1 377.39

363.91 3:1 6:1 6:1 0.080 10.4:1 8:1 8:1 12:1 0.080 6:1 6:1 368.75

374.88

D.P. 366.08

662+50.00

-FRONT- STA. 53+17.31

378.57 3:1 4:1 0.042 0.042 4:1 3:1 380.08

364.20 3:1 6:1 6:1 0.080 10.4:1 8:1 8:1 12:1 0.080 6:1 3.66:1 369.04

378.11

D.P. 366.29

662+00.00

-FRONT- STA. 52+71.44

381.11 3:1 4:1 0.041 0.041 4:1 3:1 382.59

364.53 3:1 6:1 6:1 0.080 10.4:1 8:1 8:1 12:1 0.080 6:1 3:1 369.37

378.8

D.P. 366.53

661+50.00

-LREV-

UNDERCUT EXCAVATION

28-OCT-2009 10:23
C:\projects\2417c_rdy_xpl.lrev.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-44

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

400 380 360 340

385.91 4:1 0.080 10.4:1 12:1 0.080 5.73:1 4.87:1 372.44
D.P. 365.07
360.47
665+00.00

372.24 4:1 0.080 10.4:1 12:1 0.080 8:1 3:1
D.P. 365.22
363.52
665+50.00

MATCH LINE

3:1 0.043 MATCH LINE

-FRONT- STA. 55+92.81

0.043 0.036 3:1 4:1 0.080 10.4:1 12:1 0.080 1.5:1 384.98
D.P. 365.37
665+00.00

-FRONT- STA. 55+46.84

3.5:1 0.012 0.010 4:1 3:1 363.89
3:1 5:1 0.080 12:1 14.17:1 0.080 1.5:1 394.67
360.00
D.P. 365.82
664+50.00

-FRONT- STA. 55+00.89

3:1 4:1 0.0091 0.010 4:1 3:1 367.14 367.51
3.04:1 6:1 6:1 0.080 10.63:1 12.31:1 0.080 1.5:1 390.52
363.20
D.P. 365.74
664+00.00

-LREV-

UNDERCUT EXCAVATION

28-OCT-2009 10:23
C:\...\2417c_rdy_xpl1rev.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-45

-I9RPD- STA. 5+97.33

364.40 4:1 355.92 4:1 376.80 0.080 10.4:1 8:1 8:1 12:1 0.080 5:1 4:1 0.045 0.047 6.36:1 3:1 369.03

D.P. 364.07 D. P. 367.43

668+50.00

-I9RPD- STA. 6+53.36

370.26 4:1 360.36 4:1 373.54 0.080 0.4:1 8:1 8:1 12:1 0.080 5.4:1 4:1 0.042 0.041 6.53:1 3:1 370.96

D.P. 364.31 D. P. 366.56

668+00.00

-I9RPD- STA. 7+11.41

373.76 3:1 362.48 4:1 0.080 0.4:1 STAII 8:1 8:1 12:1 0.080 5.63:1 4:1 0.038 0.037 6.74:1 3:1 373.09

D.P. 364.55 D. P. 365.06

667+50.00

-I9RPD- STA. 7+72.03

361.30 1.63:1 0.080 0.4:1 368.58 12:1 0.080 6:1 4:1 0.034 0.033 7.01:1 3:1 375.32

D.P. 364.77 D. P. 363.19

667+00.00

382.19 1.5:1 0.080 0.4:1 12:1 0.080 5.8:1 4:1 372.77

D.P. 364.92 361.18

368.86

666+50.00

-LREV-

UNDERCUT EXCAVATION

28-OCT-2009 10:23
N:\roadway\projects\2417c_rdy_xpl_lrev.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-46

-I9RPD- STA. 3+33.39

372.63 0.080 10.4:1 8:1 8:1 12:1 0.080 0.020 6:1 3:1 375.78

4.2:1

D.P. 362.88

365.64

671+00.00

-I9RPD- STA. 3+84.99

373.43 0.080 10.4:1 8:1 8:1 12:1 0.080 0.030 0.005 0.005 6.05:1 3:1 376.23

5.543:1

D.P. 363.12

365.88

670+50.00

-I9RPD- STA. 4+36.97

373.98 0.080 10.4:1 8:1 8:1 12:1 0.080 0.039 0.009 6.09:1 3:1 376.68

5:1

D.P. 363.36

366.20

670+00.00

-I9RPD- STA. 4+89.51

375.32 0.080 10.4:1 8:1 8:1 12:1 0.080 4:1 4:1 0.022 0.023 6.15:1 3:1

352.67 4:1 4:1

347.92

D.P. 363.60

D. P. 368.49

366.83

669+50.00

-I9RPD- STA. 5+42.86

375.43 0.080 10.4:1 8:1 8:1 12:1 0.080 3.3:1 3.5:1 0.034 0.036 6.24:1 3:1

358.05 4:1 4:1

351.52

D.P. 363.83

D. P. 367.52

367.75

669+00.00

-LREV-

28-OCT-2009 10:23
C:\projects\R-2417c_rdy_xpl.lrev.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-47

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

400
380
360
340
320

-I9RPD- STA. 1+28.64

0.080 0.080 0.080 0.080

4:1 8:1 368.94 11.1:1 6:1 3:1

D.P. 362.34

364.89 370.27

673+00.00

-I9RPD- STA. 1+79.71

0.080 0.080 0.066

4:1 2:1 8:1 370.15 11.1:1 6:1 3:1

D.P. 362.81

364.93 372.36

672+50.00

-I9RPD- STA. 2+30.83

0.080 0.080 0.051

4:1 8:1 370.5 11.1:1 6:1 3:1

D.P. 363.12

365.17 373.64

672+00.00

-I9RPD- STA. 2+82.03

0.080 0.080 0.035

4:1 10.4:1 8:1 372.03 8:1 12:1 6:1 3:1

D.P. 362.73

365.40 374.91

671+50.00

-LREV-

28-OCT-2009 10:23
$$$$USERNAME$$$$
$$$$ROADWAY$$$$ x-2417c_rdy_xpl_lrev.dgn

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-48

675+50.00

0.080 8:1 11.1:1 0.080 5.88:1 2.0 3:1 3:1

2.85:1

356.78

D.P. 357.59

356.41

675+00.00

0.080 8:1 11.1:1 0.080 6:1 2.0 3:1 3:1

2.85:1

357.51

D.P. 358.86

359.55

674+50.00

0.080 8:1 11.1:1 0.080 6:1 6:1

3:1

360.36

D.P. 359.97

363.22

674+00.00

-I9RPD- STA. 0+26.58

0.080 8:1 11.1:1 0.080 0.080 6:1 5.73:1

4:1

364.26

D.P. 360.92

D.P. 364.21

673+50.00

-I9RPD- STA. 0+77.60

0.080 8:1 367.09 11.1:1 0.080 0.080 6:1 3.07:1

5.452:1

D.P. 361.71

364.43

368.18

-LREV-

28-OCT-2009 10:23
RS:\Roadway\XSCV\2417c_rdy_xpl_rev.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-49

677+50.00

339.84
4:1
331.26
A:1
0.080
8:1
11.1:1
353.59
D.P. 351.61
0.080
3:1
2.0
3:1
3:1
344.13

677+00.00

340.37
4:1
D.P. 329.96
A:1
0.080
8:1
11.1:1
354.80
D.P. 353.01
0.080
3:1
2.0
3:1
3:1
347.17

676+50.00

341.33
4:1
D.P. 329.00
4:1
0.080
8:1
11.1:1
355.93
D.P. 354.58
0.080
3.81:1
2.0
3:1
3:1
350.22

676+00.00

2:1
0.080
8:1
11.1:1
356.41
D.P. 356.15
0.080
4.72:1
2.0
3:1
3:1
353.27

-LREV-

28-OCT-2009 10:23
R:\Projects\R-2417c_rdy_xpl.lrev.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-50

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

360 340 320

-I9FLY- STA 7+66.00

0.057 0.057 4:1 4:1 0.080 8:1 350.20 0.090 FT./FT. 0.080 3:1

D.P. 338.31

D.P. 347.865

679+50.00

-I9FLY- STA 8+16.62

2.0 3:1 3:1 344.40

4.32:1 6.48:1 0.042 0.045 4:1 4:1 0.080 8:1 11:1 350.81 0.080 3:1

340.13

D.P. 336.24

D.P. 348.53

679+00.00

2.0 3:1 3:1 332.44

-I9FLY- STA 8+67.23

2.0 3:1 3:1 349.96

3:1 6.51:1 0.026 0.029 4:1 4:1 0.080 8:1 11:1 350.38 0.080 3:1

340.86

D.P. 334.22

D.P. 349.37

678+50.00

2.0 3:1 3:1 338.03

339.60 4:1 4:1 0.080 8:1 11:1 352.50 0.080 3:1

332.53

D.P. 350.39

678+00.00

2.0 3:1 3:1 341.08

-LREV-

28-OCT-2009 10:23
R-2417C_XSEC_2417c_rdy_xpl_lrev.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-51

-I9FLY- STA 5+63.57

316.32 2.0 3:1 3:1 3:1 0.063 0.065 0.039 8:1 8:1 0.039 6:1 3:1 347.80 D.P. 346.755 D.P. 348.37

681+50.00

-I9FLY- STA 6+14.30

316.27 2.0 3:1 3:1 3:1 0.062 0.062 3:1 4:1 0.053 8:1 10:1 0.053 5:1 D.P. 344.84 D.P. 346.889 D.P. 348.33

681+00.00

-I9FLY- STA 6+64.99

322.55 2.0 3:1 3:1 3:1 0.060 0.061 3.5:1 4:1 0.066 8:1 10:1 0.066 4:1 6.0 3:1 340.30 D.P. 342.54 D.P. 346.958 D.P. 348.43

680+50.00

-I9FLY- STA 7+15.52

326.83 2.0 3:1 3:1 3:1 0.059 0.059 4:1 4:1 0.079 8:1 0.091 FT./FT. 0.079 3:1 6.0 3:1 3:1 331.40 D.P. 340.34 D.P. 347.380 D.P. 348.69

680+00.00

-LREV-

28-OCT-2009 10:23
$$$$USERNAME$$$$
R-2417c_rdy_xpl_lrev.dgn

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-52

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

380 360 340 320

-I9FLY- STA 3+61.45

6:1 5:1 0.048 0.020 8:1 8:1 0.026 6:1 3:1

35+40 D.P. 349.344

347.31 348.64

683+50.00

-I9FLY- STA 4+11.77

4.04:1 P 0.063 0.027 0.020 8:1 8:1 0.001 6:1 3:1

36+53 D.P. 348.420

348.43

683+00.00

-I9FLY- STA 4+62.28

4:1 P 0.064 0.068 0.020 8:1 8:1 0.013 6:1 3:1

36+03 D.P. 347.681

348.10

682+50.00

-I9FLY- STA 5+12.88

3:1 P 0.064 0.073 0.026 8:1 8:1 0.026 6:1 3:1

34+56 D.P. 347.125

347.95

682+00.00

-LREV-

28-OCT-2009 10:23
R:\Projects\VSC\2417c_rdy_xpl_lrev.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-53

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

400 380 360 340 320

-I9FLY- STA 1+61.12

3:1 6:1 0.021 0.020 8:1 8:1 0.020 6:1 3:1

351.80 D.P. 353.370 352.36

685+50.00

-I9FLY- STA 2+11.15

3:1 6:1 0.021 0.020 8:1 8:1 0.020 6:1 3:1

350.88 D.P. 352.364 351.47

685+00.00

-I9FLY- STA 2+61.21

4:1 8:1 0.021 0.020 8:1 8:1 0.020 6:1 3:1

349.92 D.P. 351.357 350.57

684+50.00

-I9FLY- STA 3+11.29

5:1 6:1 0.035 0.020 8:1 8:1 0.020 6:1 3:1

348.67 D.P. 350.350 349.68

684+00.00

-LREV-

28-OCT-2009 10:23
R:\Projects\R-2417c_rdy_xpl_lrev.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-54

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

400 380 360 340 320

5.60:1 0.020 8:1 8:1 0.020 6:1 3:1 3:1 3:1
356.70
D.P. 357.406
355.95
373.22

687+50.00

-I9FLY- STA 0+11.00

6:1 0.020 0.020 8:1 8:1 0.020 6:1 3:1 3:1 3:1
356.81
D.P. 358.390
355.05
373.50

687+00.00

-I9FLY- STA 0+61.04

6:1 6:1 0.021 0.020 8:1 8:1 0.020 6:1 3:1 3:1 3:1
356.85
D.P. 355.384
353.64
354.15
376.15

686+50.00

-I9FLY- STA 1+11.08

6:1 6:1 0.021 0.020 8:1 8:1 0.020 6:1 3:1 3:1
356.94
D.P. 354.377
352.72
353.26

686+00.00

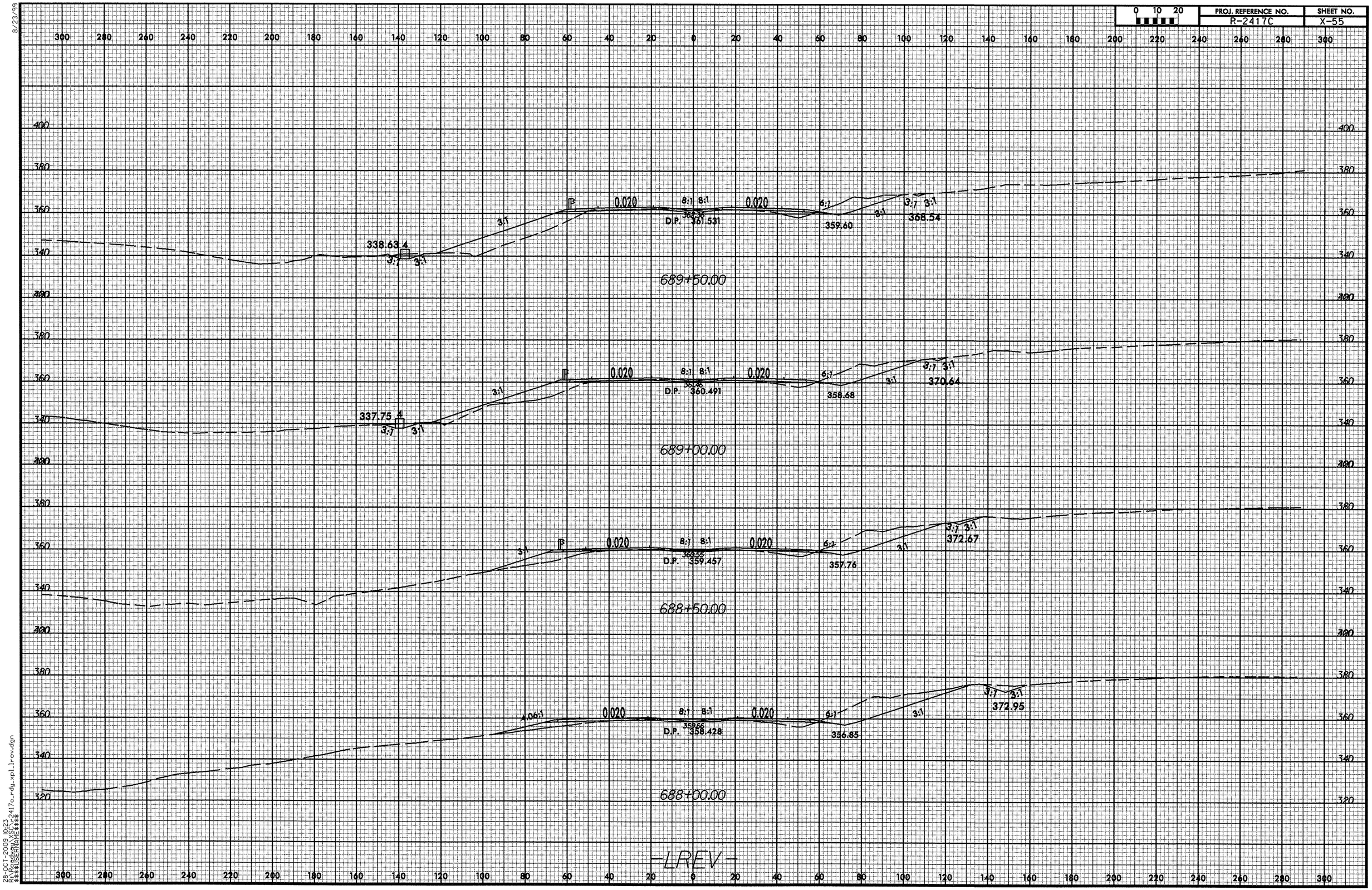
-LREV-

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

28-OCT-2009 10:23
R:\Projects\XSCX\2417c_rdy_xpl_lrev.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-55



28-OCT-2009 10:23
$$$$USERNAME$$$$
$$$$DISPNAME$$$$
c:\projects\2417c_rdy_xpl.lrev.dgn

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-56

691+50.00

0.020 8:1 8:1 0.020 6:1 5.63:1 3:1 3:1
D.P. 365.746
363.34
365.03

691+00.00

0.020 8:1 8:1 0.020 6:1 5.3:1 3:1 3:1
D.P. 364.665
362.40
365.06

690+50.00

340.38 4
0.020 8:1 8:1 0.020 6:1 3:1 3:1 3:1
D.P. 363.628
361.46
366.21

690+00.00

339.50 4
0.020 8:1 8:1 0.020 6:1 3:1 3:1 3:1
D.P. 362.576
360.53
367.30

-LREV-

28-OCT-2009 10:23
C:\Projects\2417c_rdy_xpl_lrev.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-57

693+50.00

0.020 12.5:1 12.5:1 0.020 3:1 3:1

D.P. 369.86

693+00.00

0.020 12.5:1 12.5:1 0.020 3:1 3:1

D.P. 368.88

692+50.00

0.020 12.5:1 12.5:1 0.020 3:1 3:1

D.P. 367.857

692+00.00

0.020 8:1 8:1 0.020 3:1 3:1

D.P. 368.806

-LREV-

28-OCT-2009 10:23
$$$$USERNAME$$$$
C:\Projects\R-2417c_rdy_xpl.lrev.dgn

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-58

END CONSTRUCTION STA. 696+10.99

696+10.99

696+00.00

695+50.00

695+00.00

694+50.00

694+00.00

-LREV-

28-OCT-2009 10:23
X:\STIPS\R2417C\r2417c_r-dy_xpl_lrev.dgn
$$$$USERNAME$$$$

8/23/99

PROJ. REFERENCE NO.	SHEET NO.
R-2417C	X-59

0 10 20

12+50.000

3:1 364.57 | 6:1 | 0.020 | 0.020 367.29 | 6:1 | 4:1 | 3:1 365.31 | 3:1 3:1 382.71

12+00.000

3:1 365.27 | 6:1 | 0.020 | 0.020 368.19 | 6:1 | 3:1 3.5:1 383.24

11+50.000

3:1 365.95 | 6:1 | 0.020 | 0.020 368.12 | 6:1 | 3:1 3:1 383.71

11+00.000

3:1 366.64 | 6:1 | 0.020 | 0.020 370.00 | 7:1 | 3:1 3:1 384.18

10+50.000

6:1 | 0.020 | 0.010 370.98 | 6:1 368.99 | 3:1 3:1 384.33

10+00.000

371.87

BEGIN CONSTRUCTION STA. 10+00.00

27-APR-2009 13:52
R:\Projects\XS\r2417c_rdy_xpl_y.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-60

15+50.00

6:1 0.020 8:1 8:1 0.020 6:1 3:1 2.0 3:1 3:1

361.39 D.P. 363.20 361.164 367.52

15+00.00

3:1 6:1 0.020 8:1 8:1 0.020 6:1 3:1 2.0 3:1 3:1

361.01 361.79 D.P. 363.89 361.718 370.84

14+50.00

3:1 6:1 0.020 8:1 8:1 0.020 6:1 4:1 3:1 2.0 3:1 3:1

361.72 364.3 D.P. 364.69 361.89 374.17

14+00.00

3:1 6:1 0.020 8:1 8:1 0.020 5:1 4:1 3:1 3:1 3:1 2.0

362.44 365.61 D.P. 365.61 362.08 379.38

13+50.00

3:1 6:1 0.020 0.020 5:1 4:1 3:1 382.09 3:1 3:1 2.0

363.15 365.64 362.23

13+00.00

3:1 6:1 0.020 0.020 6:1 4:1 3:1 3:1 3:1

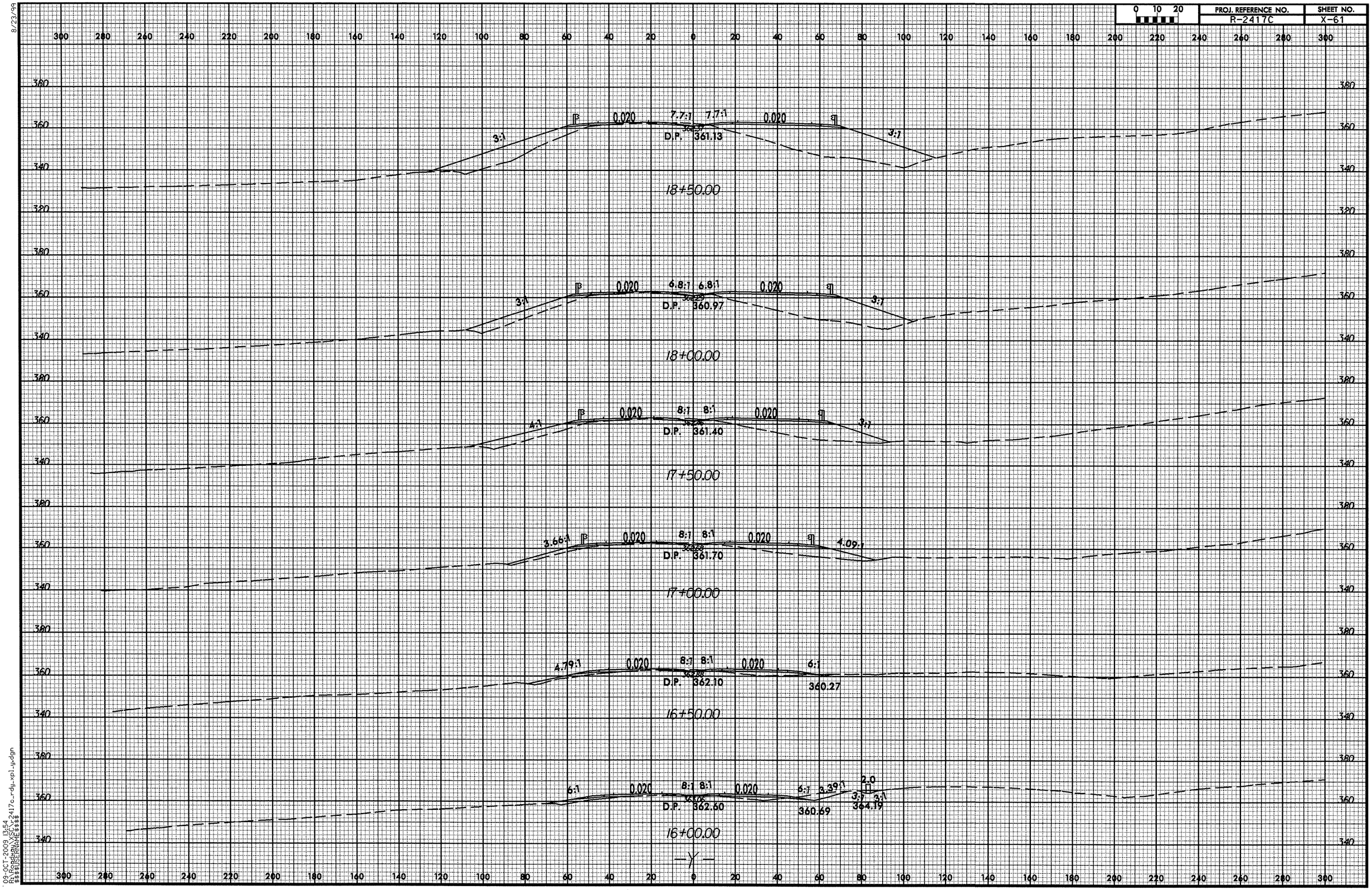
363.86 366.41 363.08 382.56

—Y—

09-OCT-2009 13:53
R:\Roadway\XSCV-2417c_rdy_xpl.y.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-61



09-OCT-2009 13:54
$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-62

21+00.000

342.29

3.44:1

0.020

8:1

8:1

0.020

D.P. 363.48

3:1

21+00.000

329.16

3.0

3:1

3:1

0.020

8:1

8:1

0.020

D.P. 362.72

3:1

20+50.000

329.16

3.0

3:1

3:1

0.020

8:1

8:1

0.020

D.P. 362.09

3:1

20+00.000

329.01

3.0

3:1

3:1

0.020

8:1

8:1

0.020

D.P. 361.58

3:1

19+50.000

329.16

3.0

3:1

3:1

0.020

8:1

8:1

0.020

D.P. 361.29

3:1

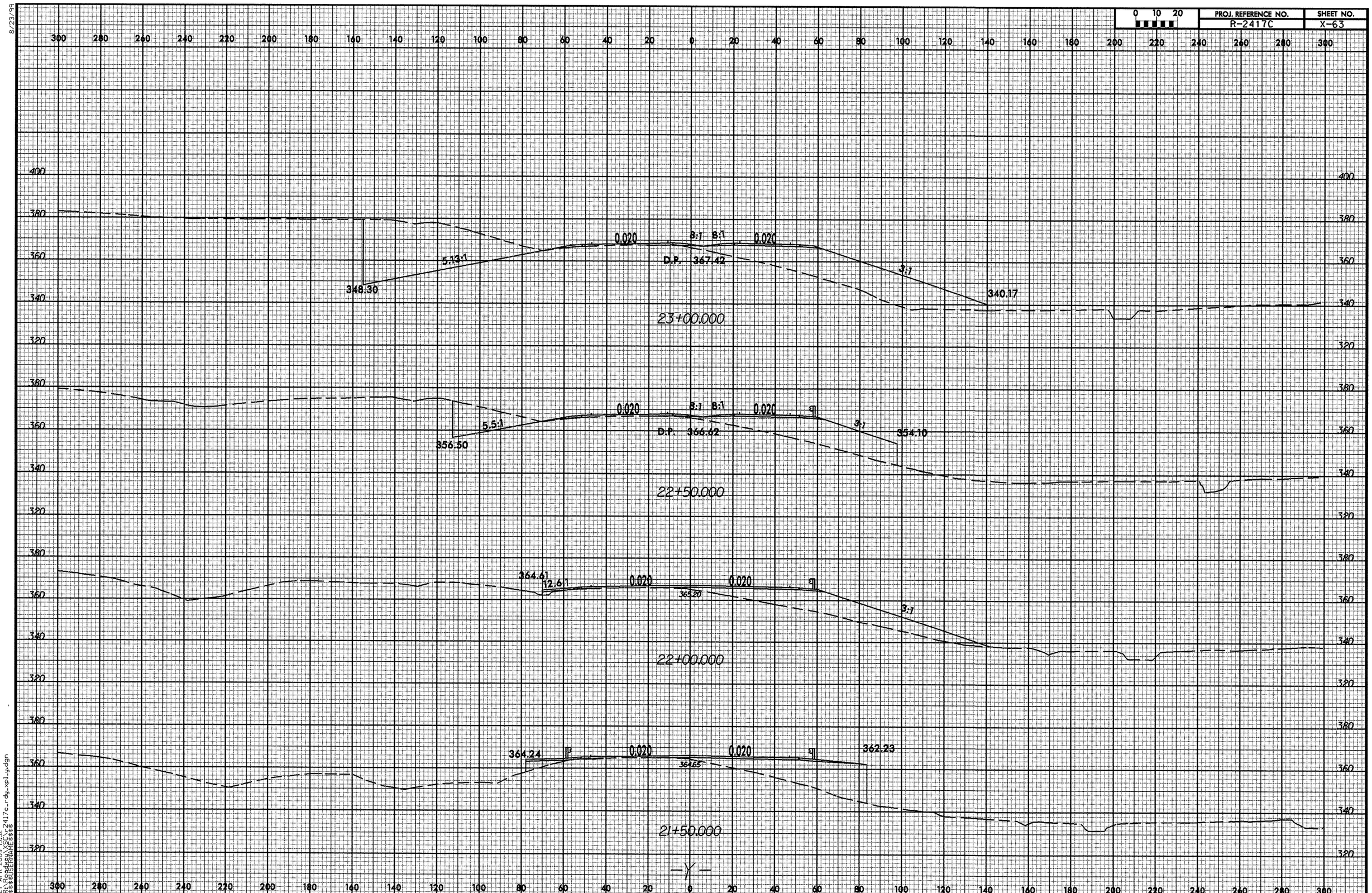
19+00.000

—Y—

27-APR-2009 13:52
R:\Roadway\SECT\r2417c_rdy_xpl_y.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-63



27-APR-2009 13:52
R:\Roadway\SCV\r2417c_rdy_xpl_y.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-64

25+00.000

351.66

6:1

0.020

8:1

8:1

0.020

D.P. 370.60

3:1

24+50.000

345.11

6.19:1

0.020

8:1

8:1

0.020

D.P. 369.80

3:1

24+00.000

344.90

7.31:1

0.020

8:1

8:1

0.020

D.P. 369.01

3:1

23+50.000

345.03

6:1

0.020

8:1

8:1

0.020

D.P. 368.21

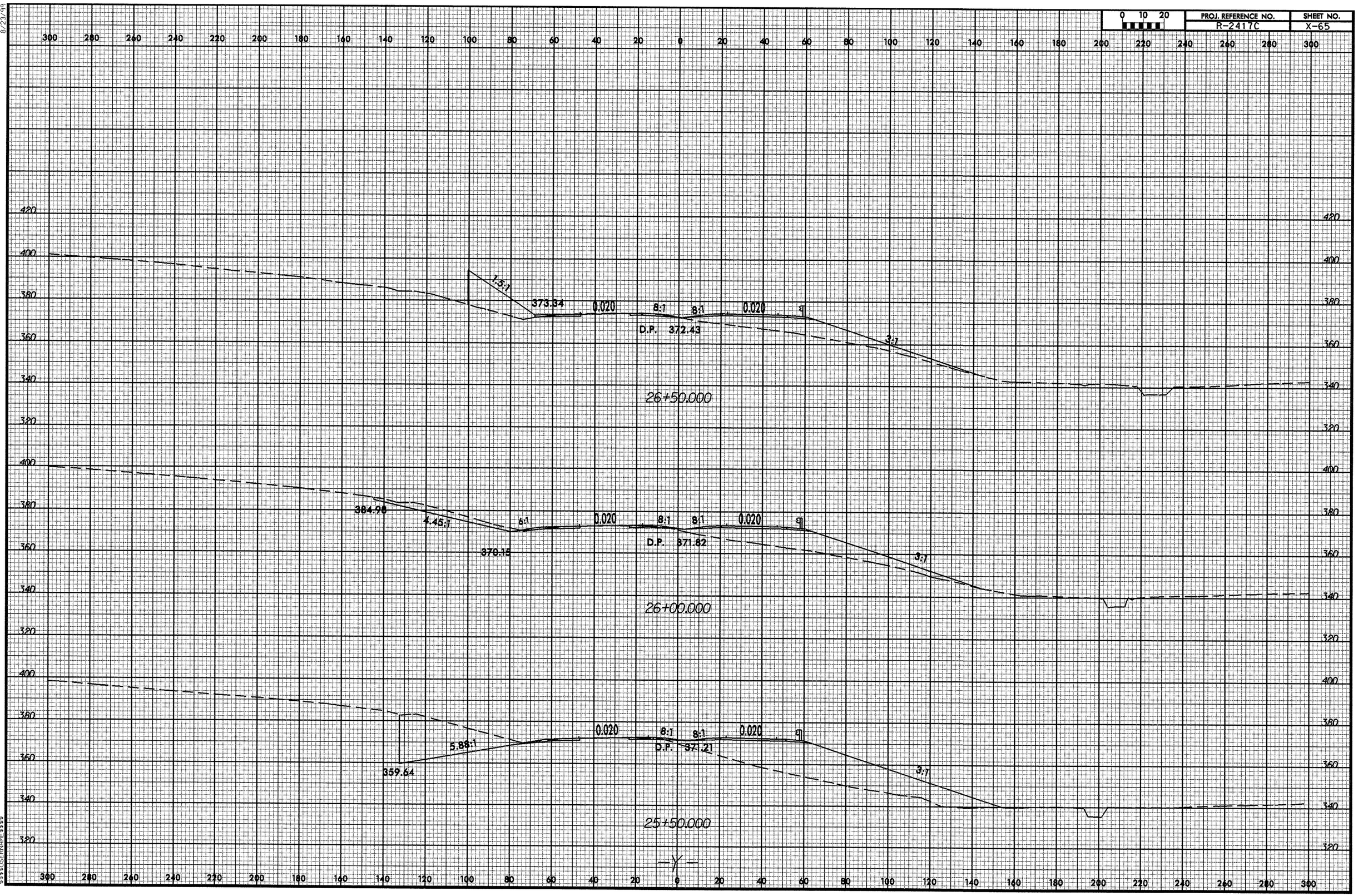
3:1

—Y—

27-APR-2009 13:52
R:\Roadway\SC\r2417c_rdy_xpl_gu.dgn
$$$$USERNAME$$$$

8/23/96

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-65



27-APR-2009 13:52
R:\Projects\ASE\r2417c-rdy-xpl-y.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-66

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

420 400 380 360 340

387.90
11.8545 %
384.57
1:1
0.020
8:1
8:1
0.020
377.24
2:1
395.00
D.P. 376.03

28+50.000

1.5:1
375.99
0.020
8:1
8:1
0.020
376.23
1.5:1
D.P. 374.82

28+00.000

1.5:1
375.04
0.020
8:1
8:1
0.020
375.28
1.5:1
D.P. 373.88

27+50.000

1.5:1
374.20
0.020
8:1
8:1
0.020
374.44
1.5:1
D.P. 373.03

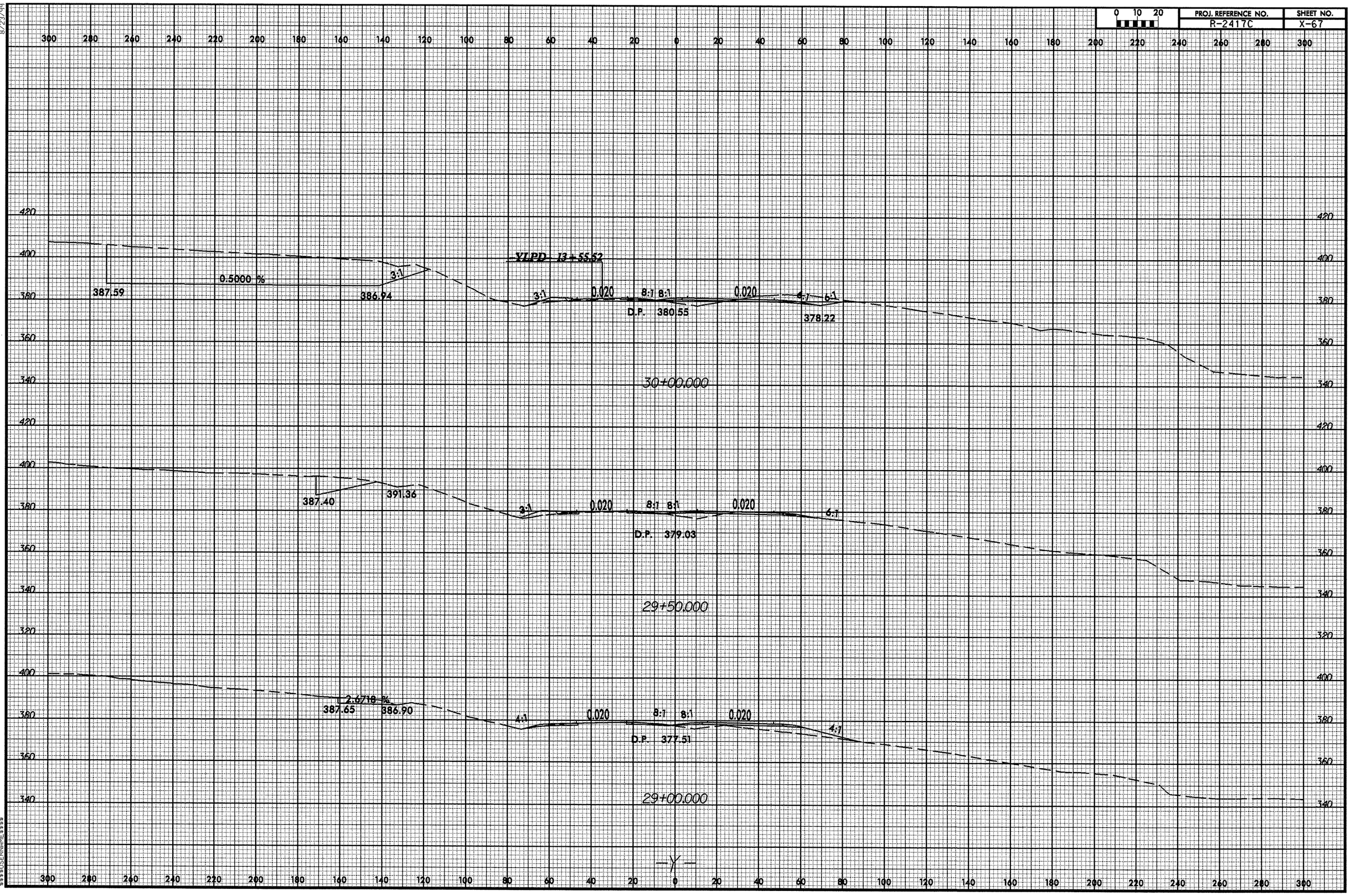
27+00.000

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

27-APR-2009 13:52
R:\projects\MXDOT\r2417c_rdy_xpl_tyd.gn
$$$$USERNAME$$$$

8/23/99

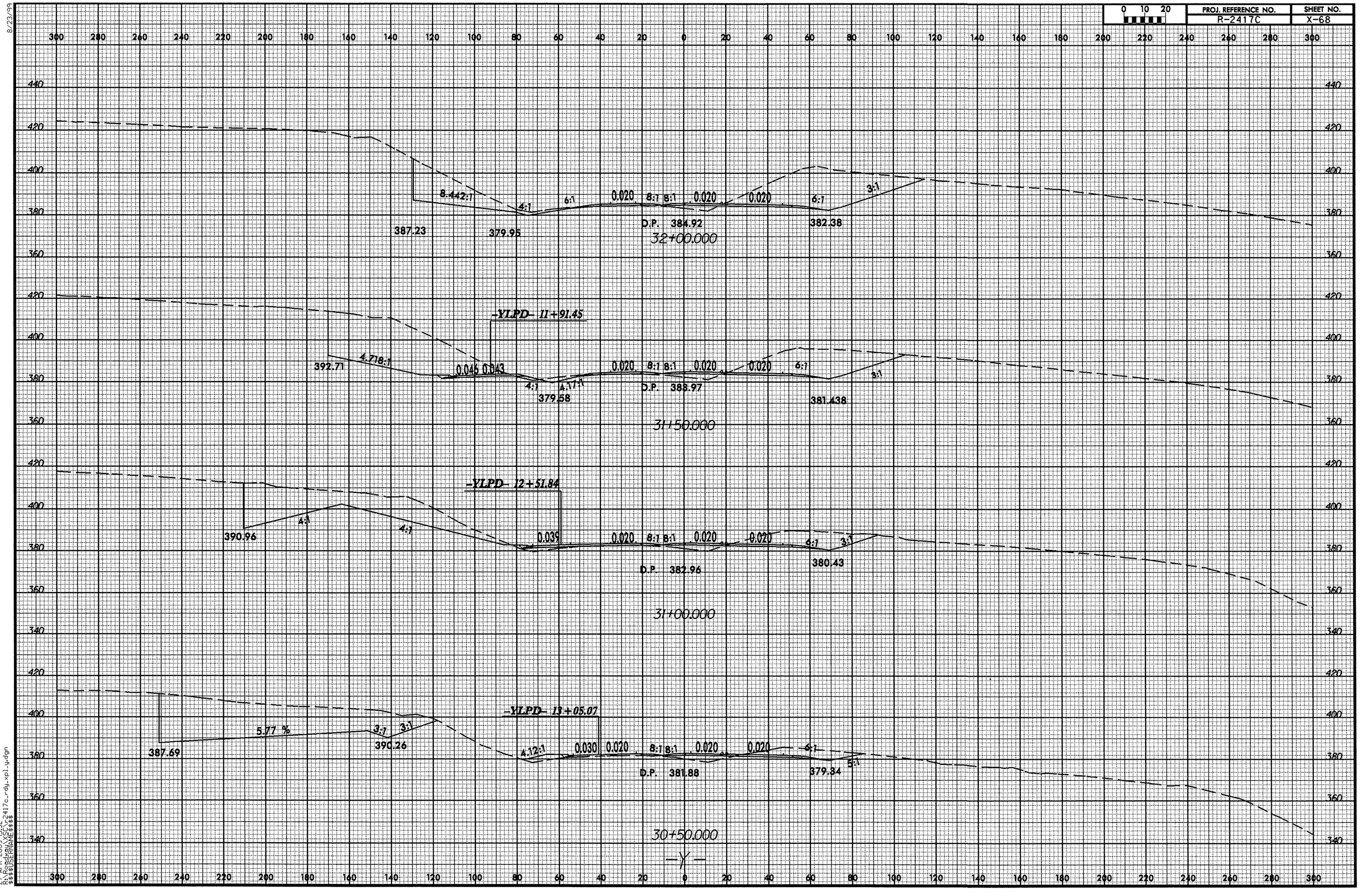
0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-67



27-APR-2009 13:52
R:\Roadway\XSCV\r2417c_rdy_xpl_yd.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-68



27-APR-2009 13:52
R:\Roadway\XSCV\2417c_rdy_xpl_u.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-69

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

440 420 400 380 360

6:1 0.020 8:1 D.P. 387.21 8:1 0.020 6:1 VAR. 386.09
386.87
34+00.00

6.69:1 0.020 8:1 8:1 0.020 YRPC
385.93
33+50.00

YRPD 0.020 0.020 0.020
384.98 382.31
33+00.00

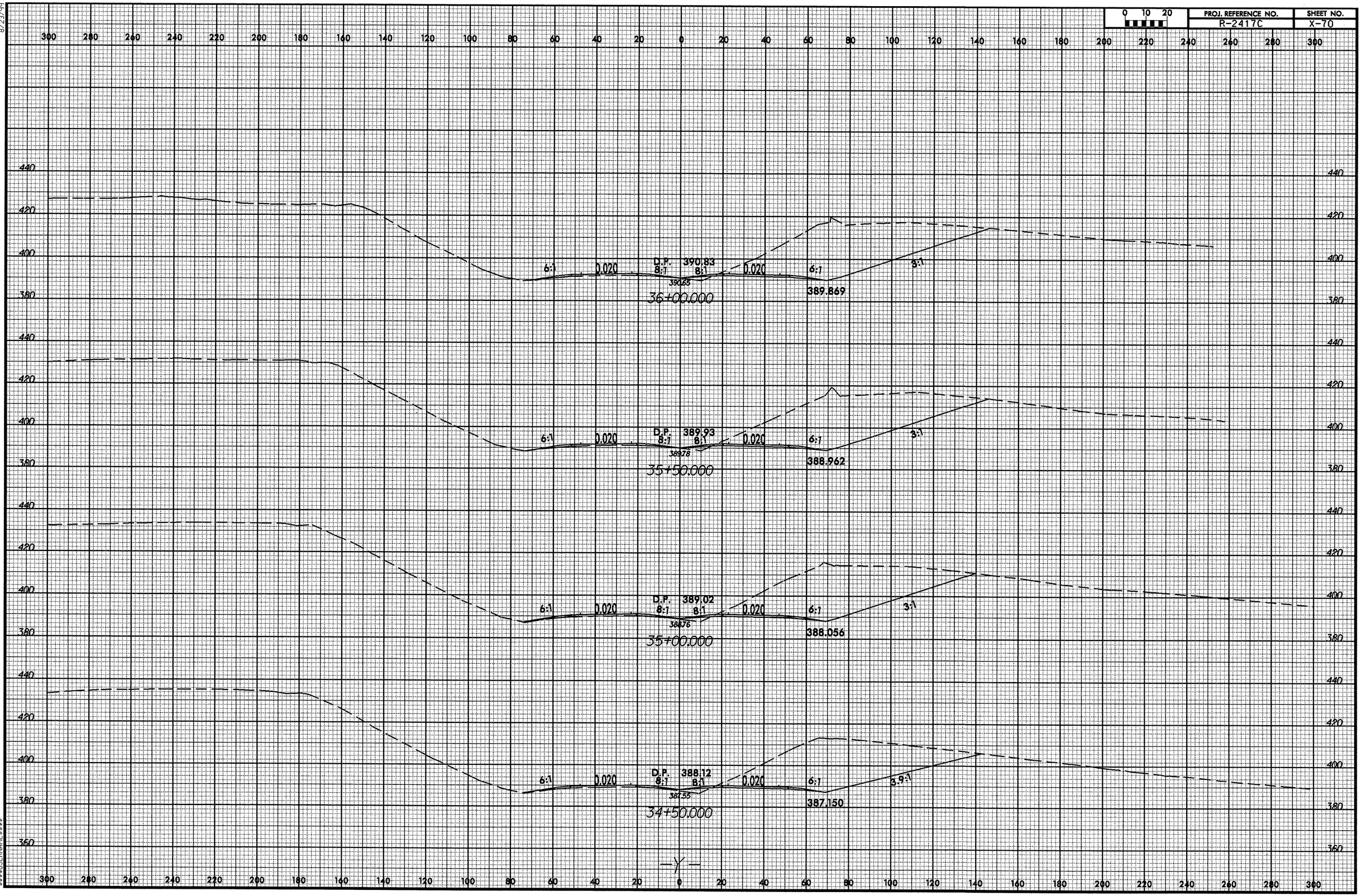
6:1 0.020 0.020 0.020 6:1 3:1
380.32 384.16 383.399
32+50.00

—Y—

05-OCT-2009 17:06
R:\roadway\r2417c_rdy_xpl-gvdgn
MSTUSERNAME is ss

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-70

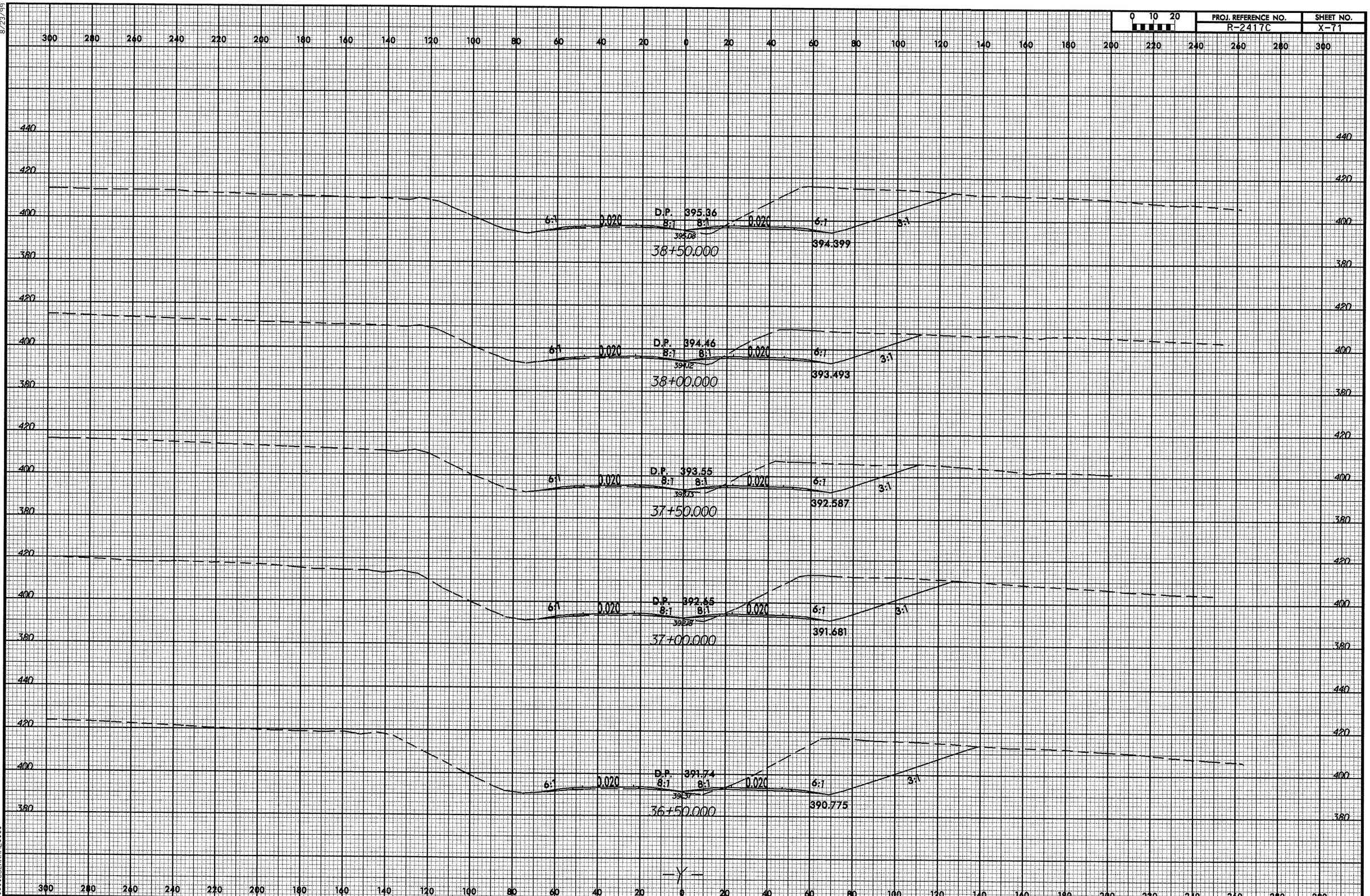


—Y—

27-APR-2009 13:52
R:\Roadway\c2417c_rdy_xpl_y.dgn
$$$$USERNAME$$$$

8/23/99

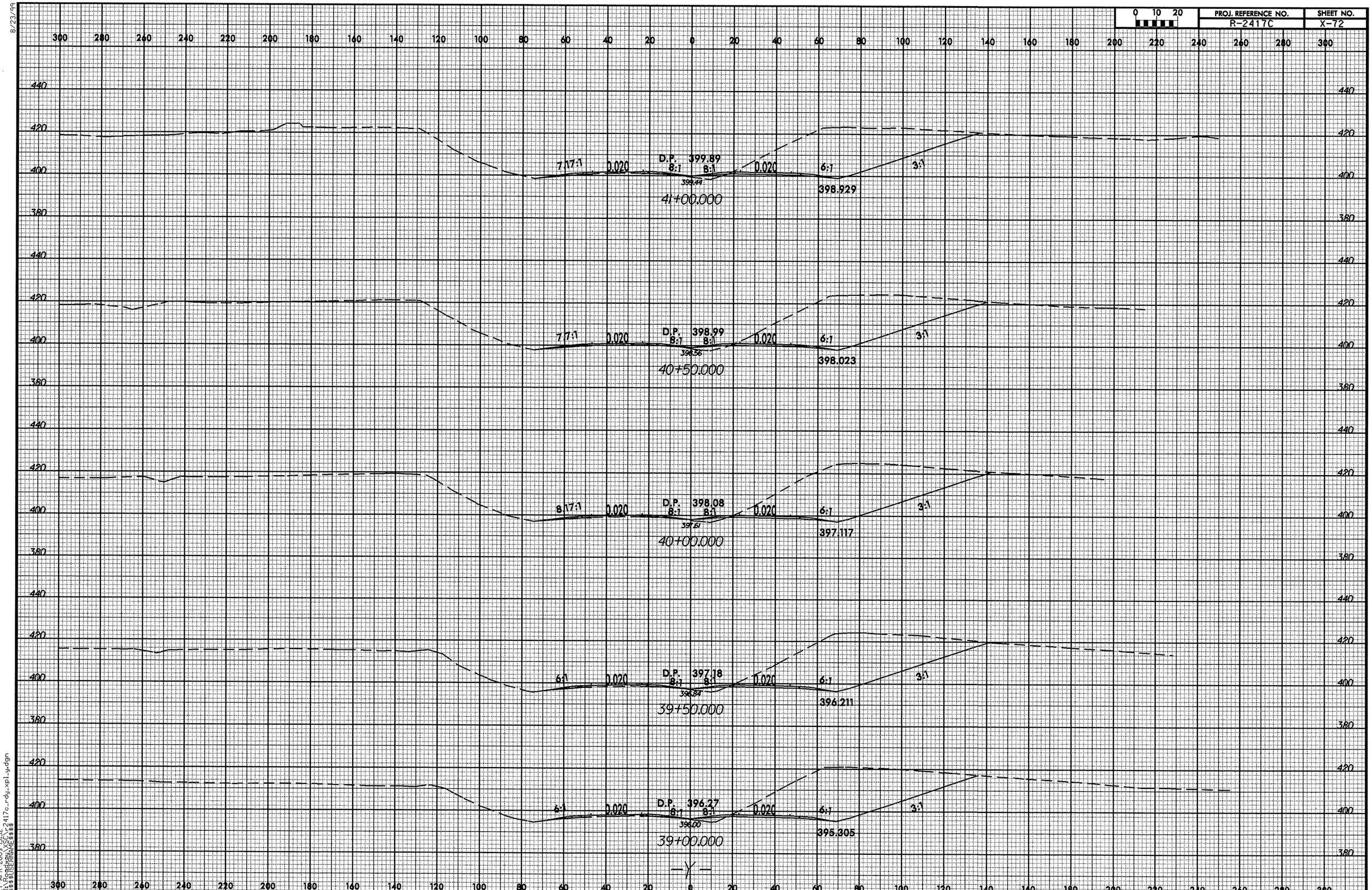
0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-71



27-APR-2009 13:52
\\Tomahawk\projects\r2417c_rdy_xpl_y.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-72



27-APR-2009 13:52
\\STOSERVMAP\Projects\2417c_rdy_xpl_gu.dgn

8/23/99

0 10 20

PROJ. REFERENCE NO.	SHEET NO.
R-2417C	X-73

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

420 400 380

6:1 0.020 D.P. 8:1 405.33 8:1 0.020 4:1

404.365 404.99

44+00.000

6:1 0.020 D.P. 8:1 404.42 8:1 0.020 6:1 4.23:1

403.459 404.28 403.459

43+50.000

6:1 0.020 D.P. 8:1 403.52 8:1 0.020 6:1 3:1

402.553 403.20 402.553

43+00.000

7.84:1 0.020 D.P. 8:1 402.61 8:1 0.020 6:1 3:1

404.32 401.647

42+50.000

7.56:1 0.020 D.P. 8:1 401.71 8:1 0.020 6:1 3:1

404.03 400.741

42+00.000

7.32:1 0.020 D.P. 8:1 400.80 8:1 0.020 6:1 3:1

400.48 399.835

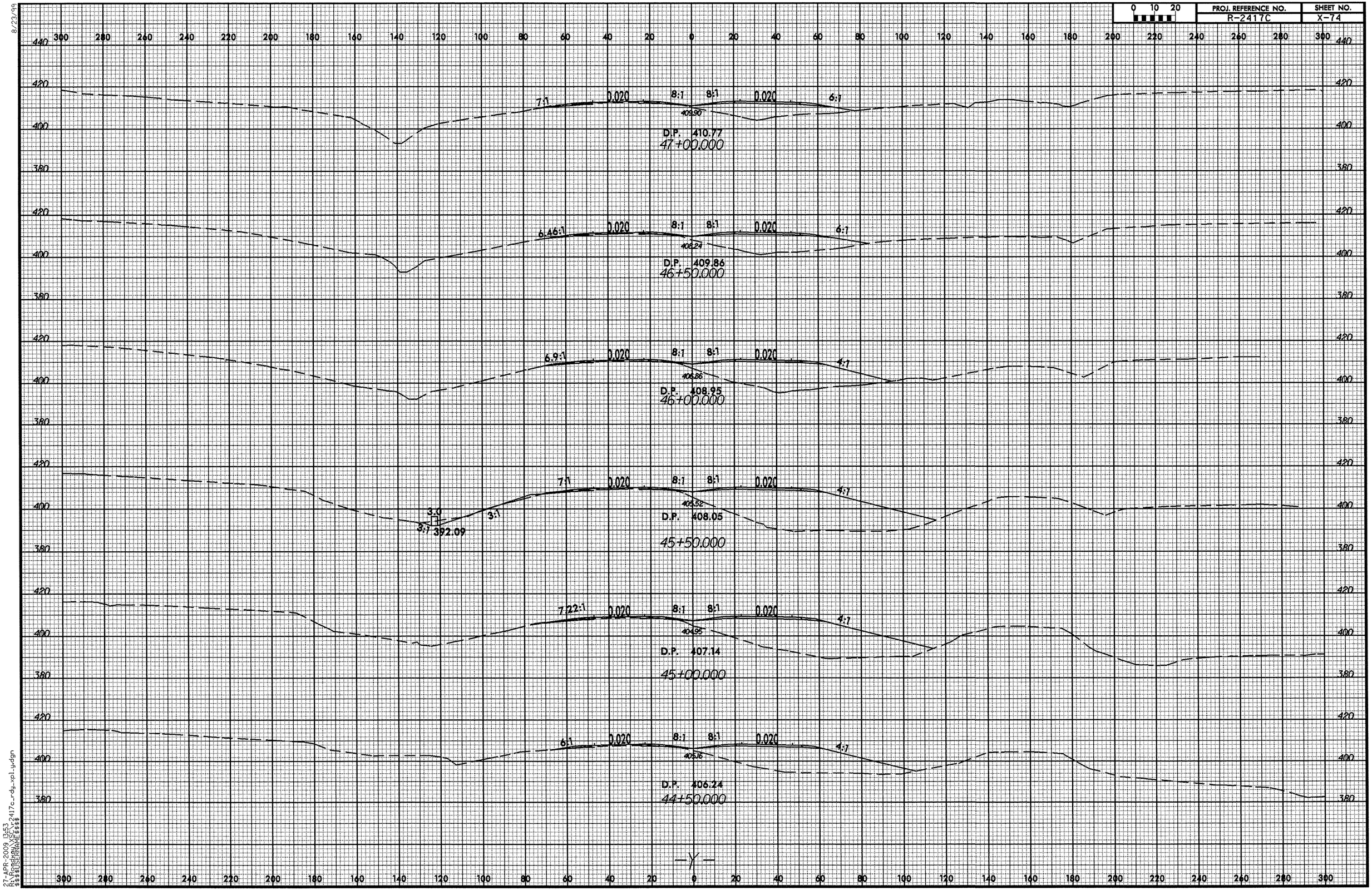
41+50.000

—Y—

27-APR-2009 13:52
$$$$USERNAME$$$$
n:\proddrwg\xsec\r2417c_rdy_xpl_y.dgn

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-74



27-APR-2009 13:53
R:\ROADWAY\2417c_rdy_xpl.ydgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-75

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

440 420 400 380

6.66:1 0.020 8:1 8:1 0.020 5.69:1
415.11
D.P. 416.12
50+00.000

7:1 0.020 8:1 8:1 0.020 6:1
414.41
D.P. 415.28
49+50.000

7:1 0.020 8:1 8:1 0.020 6:1
413.68
D.P. 414.39
49+00.000

6.7:1 0.020 8:1 8:1 0.020 6:1
412.73
D.P. 413.49
48+50.000

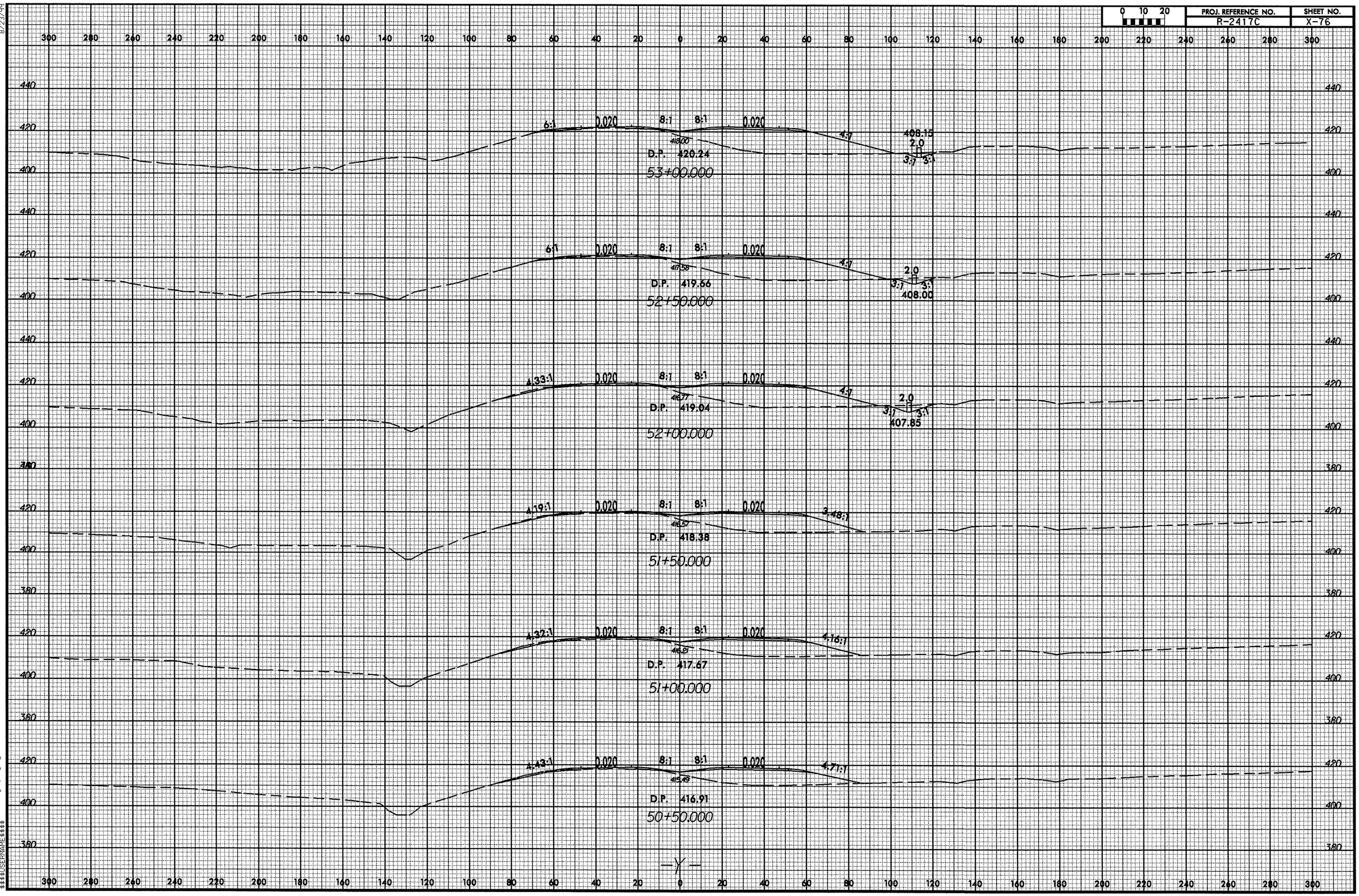
7:1 0.020 8:1 8:1 0.020 6:1
411.97
D.P. 412.58
48+00.000

7:1 0.020 8:1 8:1 0.020 6:1
411.08
D.P. 411.67
47+50.000

—Y—

27-APR-2009 13:53
R:\Roadway\XSC\r2417c_rdy_xpl_ydgn
$$$$USERNAME$$$$

0 10 20



8/23/99

27-APR-2009 13:53
R:\Roadway\SCR\r2417c_rdy_xpl_ud.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-77

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

440 420 400

6:1 0.020 8:1 8:1 0.020 4:1 2.0 3:1 3:1

422.57 D.P. 423.58 410.54

56+00.000

6:1 0.020 8:1 8:1 0.020 4:1 2.0 3:1 3:1

422.45 D.P. 423.02 410.05

55+50.000

6:1 0.020 8:1 8:1 0.020 4:1 2.0 3:1 3:1

420.74 D.P. 422.47 408.75

55+00.000

4.04:1 0.020 8:1 8:1 0.020 4:1 2.0 3:1 3:1

419.36 D.P. 421.91 408.60

54+50.000

3.98:1 0.020 8:1 8:1 0.020 4:1 2.0 3:1 3:1

419.16 D.P. 421.35 408.45

54+00.000

4:1 0.020 8:1 8:1 0.020 4:1 2.0 3:1 3:1

418.58 D.P. 420.80 408.30

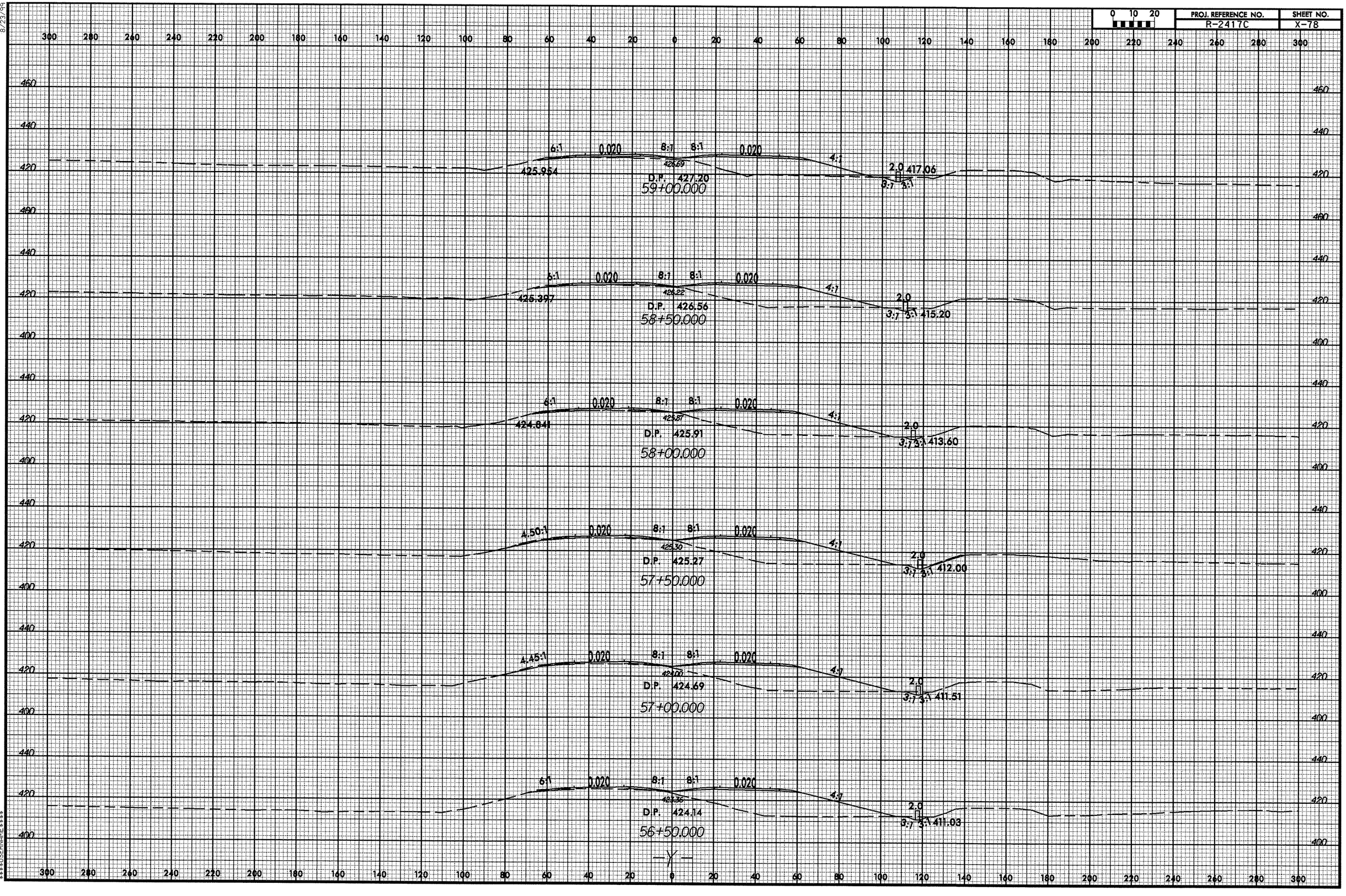
53+50.000

—Y—

27-APR-2009 13:53
R:\Roadway\XSC\r2417c_rdy_xpl-y.dgn
$$$$USERNAME$$$$

8/23/99

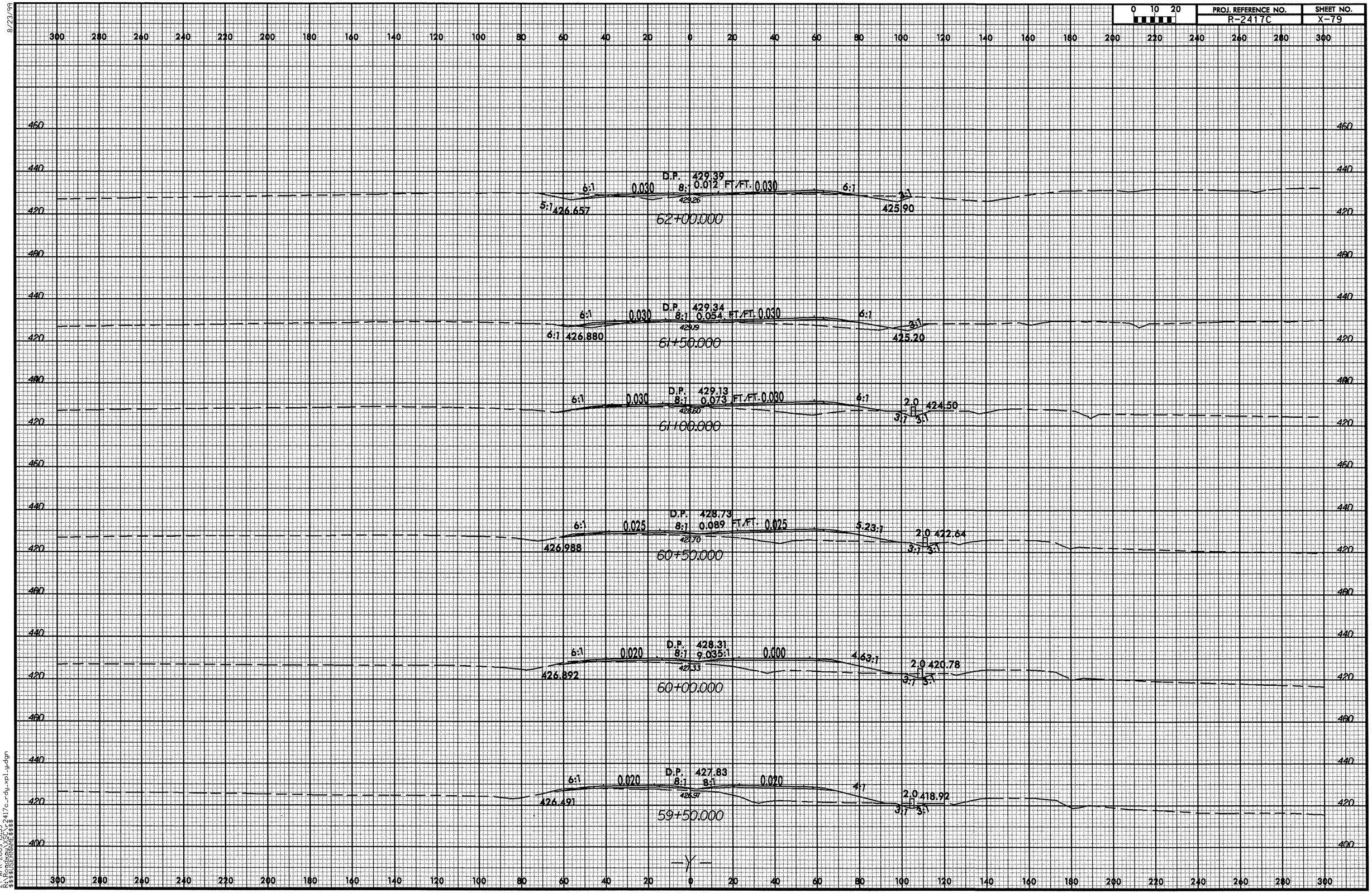
0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-78



27-APR-2009 13:53
C:\projects\RAMS\2417c_rdy_xpl_y.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-79



27-APR-2009 13:53
R:\Roadway\SCV_2417c_rdy_xp1_y.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-80

END CONSTRUCTION STA. 63+86.47

3:1 0.028 0.028 6:1 426.80 3:1

63+50.000 42876

425.495 6:1 0.030 0.030 6:1 426.50 3:1

3.37:1

63+00.000 42871

426.010 6:1 0.030 0.030 6:1 426.20 3:1

3.36:1

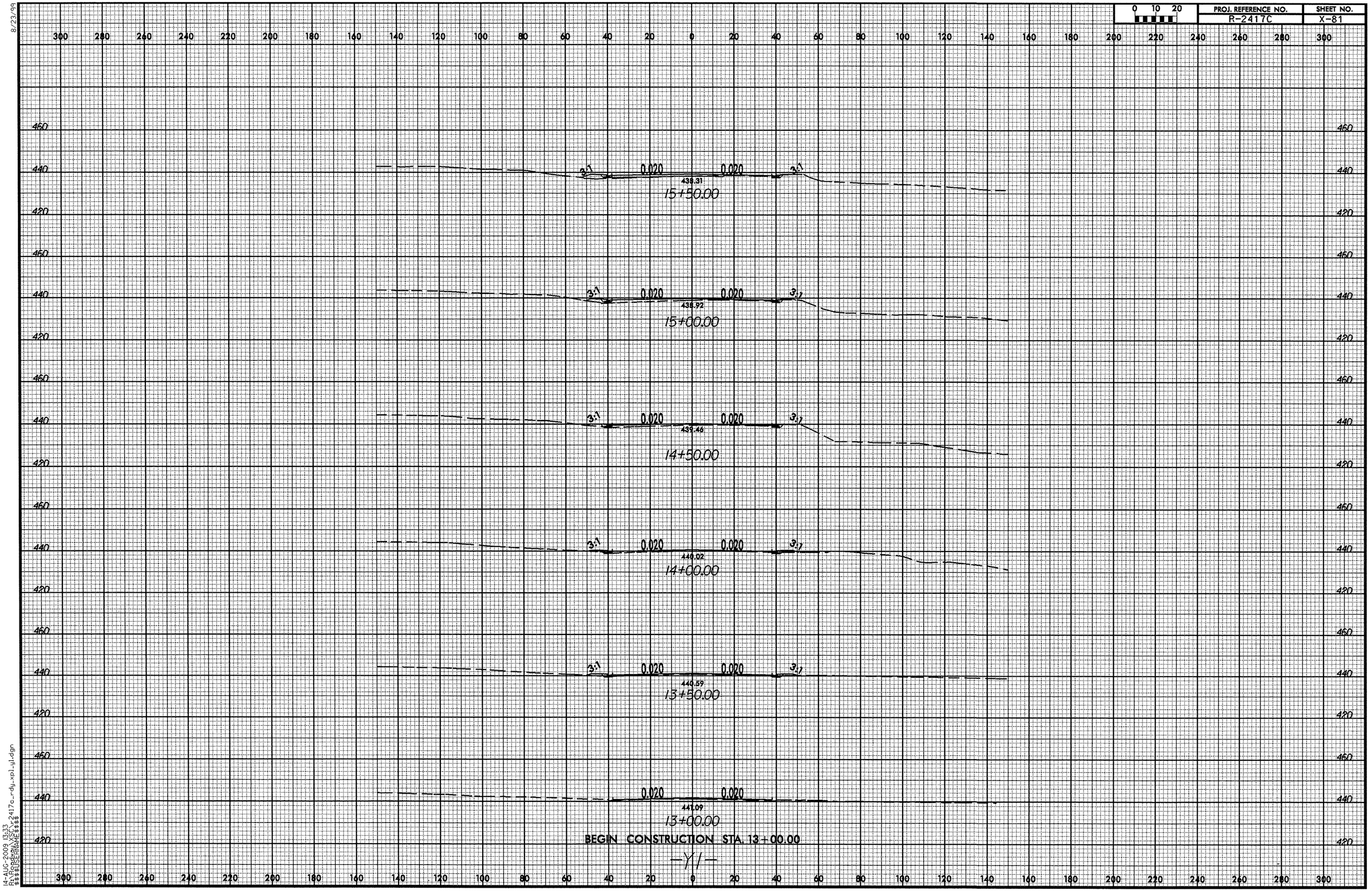
62+50.000 42869

—Y—

27-APR-2009 13:53
R:\Projects\R\2417C\roadway\xpl\r2417c_rdy_xpl.ydgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-81



BEGIN CONSTRUCTION STA. 13+00.00

-Y1-

14-AUG-2009 13:33
R:\Projects\XSC\r2417c_r-dy_xpl_y1.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20

PROJ. REFERENCE NO.	SHEET NO.
R-2417C	X-82

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

460 440 420

3:1 0.020 0.020 3:1
437.20
18+50.00

3:1 0.020 0.020 3:1
436.75
18+00.00

3:1 0.020 0.020 3:1
436.78
17+50.00

3:1 0.020 0.020 3:1
437.08
17+00.00

3:1 0.020 0.020 3:1
437.54
16+50.00

3:1 0.020 0.020 3:1
437.85
16+00.00

—Y1—

R:\Roadway\XSC\x-2417c_rdy_xpl_y1.dgn
2009 13:33
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-83

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

460 440 420

3:1 0.020 0.020 0.020 3:1
434.21
21+50.00

460 440 420

3:1 0.020 0.020 0.020 3:1
434.50
21+00.00

460 440 420

3:1 0.020 0.020 0.020 3:1
435.02
20+50.00

460 440 420

3:1 0.020 0.020 0.020 3:1
434.13
20+00.00

460 440 420

3:1 0.020 0.020 0.020 3:1
436.59
19+50.00

460 440 420

3:1 0.020 0.020 3:1
436.41
19+00.00

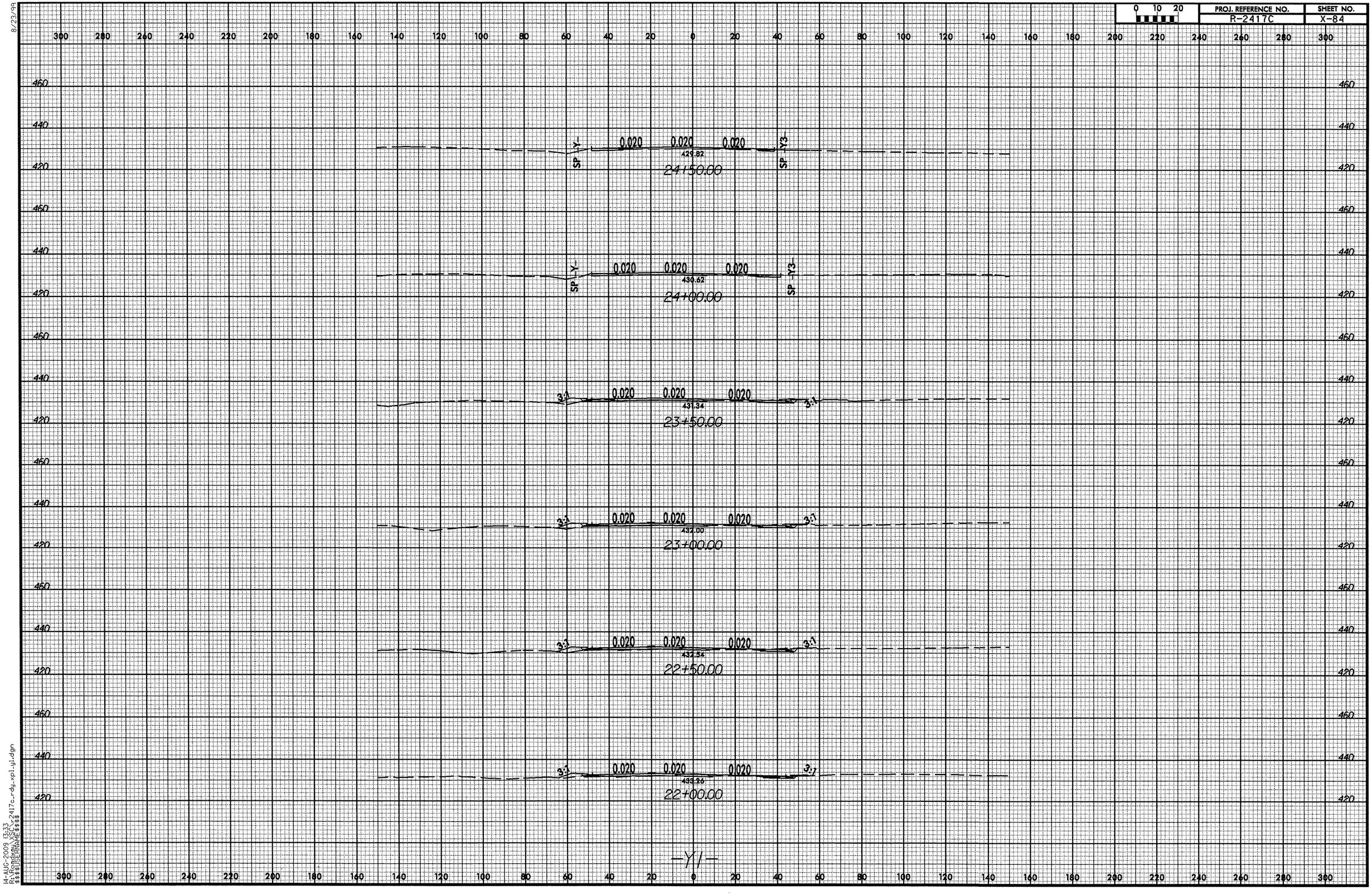
300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

—Y1—

14-NOV-2009 13:33
R:\Roadway\r2417c_rdy_xpl_y1.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-84



14-AUG-2009 13:33
R:\Roadway\XSEC\r2417c_rdy_xpl_y1.dgn
$$$$USERNAME$$$$

8/23/99

PROJ. REFERENCE NO.	SHEET NO.
R-2417C	X-85

0 10 20

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

460 440 420 400

S.S. 427.078
3:1 A:1
426.29
427.73
0.007
428.07
428.14
427.25
0.020
427.17
27+50.00

S.S. 427.067
3:1 A:1
426.20
427.59
0.020
428.41
428.55
427.66
0.020
427.67
3:1
S.S. 426.085
27+00.00

S.S. 427.541
3:1 A:1
426.08
428.03
0.020
428.91
428.95
428.04
0.020
428.17
3:1
S.S. 426.122
26+50.00

S.S. 427.569
3:1 A:1
425.95
428.38
0.020
429.26
429.34
428.42
0.020
428.64
3:1
S.S. 424.936
26+00.00

S.S. 426.538
3:1
428.71
0.020
429.03
429.91
0.020
3:1
S.S. 428.189
25+50.00

SP Y-
0.020
421.34
0.020
SP Y3
25+00.00

-Y1-

14-AUG-2009 13:33
R:\Projects\X85\r2417c_rdy_xpl_y1.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-86

30+50.00

30+00.00

29+50.00

29+00.00

28+50.00

28+00.00

14-AUG-2009 13:33
R:\Roadway\XSC\r2417c_rdy_xpl.ul.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-87

33+50.00

6.34:1 S.S. 423.549 | 424.92 | 0.040 | 421.09 | 0.040 | 7:1 S.S. 419.153

33+00.00

4:1 | 0.040 | 422.45 | 0.040 | 6:1 S.S. 420.044 | 420.716

32+50.00

4:1 S.S. 424.607 | 425.58 | 0.040 | 423.82 | 0.040 | 6:1 S.S. 420.372 | 421.701

32+00.00

4:1 S.S. 424.426 | 426.04 | 0.040 | 424.31 | 0.040 | 6:1 S.S. 422.563

31+50.00

4:1 | 0.040 | 424.73 | 0.040 | 423 TIE

31+00.00

3:1 S.S. 425.188 | 426.74 | 0.040 | 425.03 | 0.040 | 423.64 TIE TO

—Y1—

14-AUG-2009 13:33
R-2417C_X87.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20

PROJ. REFERENCE NO.	SHEET NO.
R-2417C	X-88

END CONSTRUCTION STA. 35+25.00

35+00.00

0.040 0.040 6:1

421.86

23.84

S.S. 417.954

34+50.00

6:1 6:1

0.28:1 424.22

S.S. 423.238

0.040 0.040

421.40

S.S. 420.317

419.052

34+00.00

7.48:1 424.59

S.S. 423.169

0.040 0.040 6:1

421.73

S.S. 418.258

-Y1-

14-AUG-2009 13:33
R:\RDWAY\XSECT\r-2417c_rdy_xpl_y1.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-89

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

END CONSTRUCTION STA. 11+55.45

460 440 420

2:1 0.0000 0.0100 4:1 3:1
438.39
11+50.00

2:1 0.0100 0.0100 4:1 3:1
438.72
438.07
11+00.00

2:1 0.0100 0.0100 4:1 3:1
438.54
439.49
10+50.00

0.0000 0.0100
438.33
10+00.00

BEGIN CONSTRUCTION STA. 10+00.00

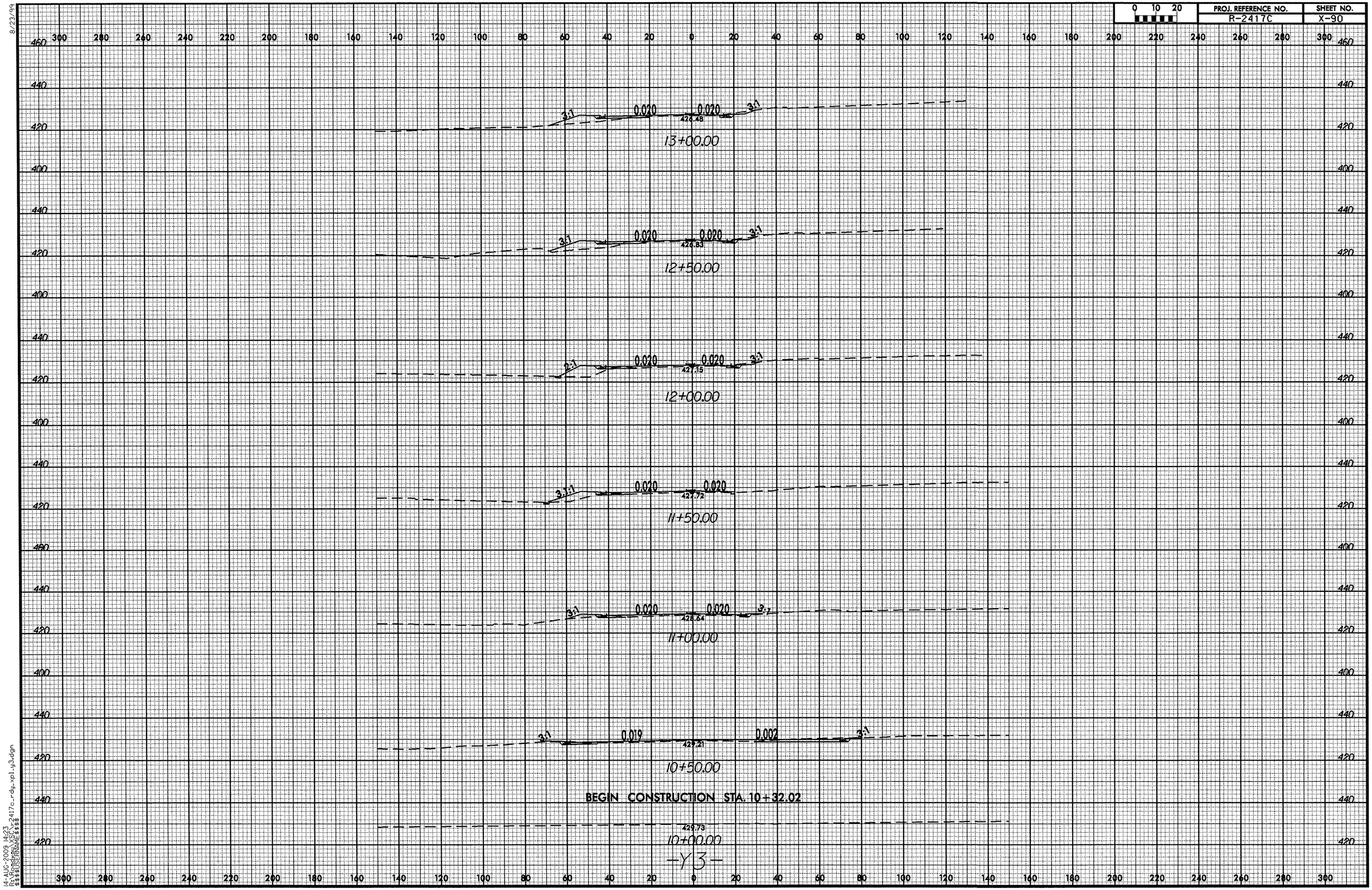
-Y2-

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

27-APR-2009 13:53
$$$$USERNAME$$$$
P:\Projects\R-2417c\rdy_xpl_y2.dgn

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-90

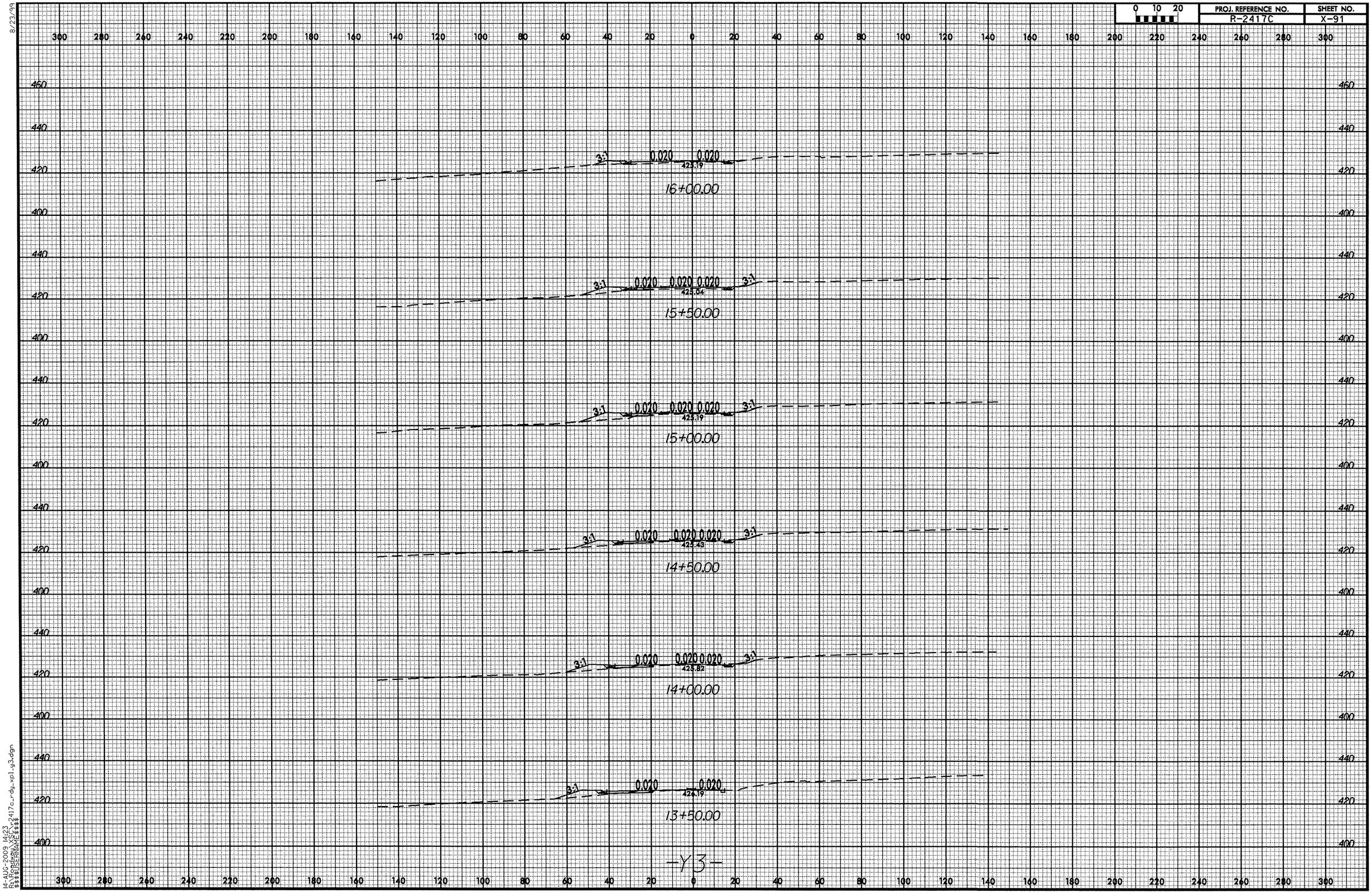


-Y3-

14-AUG-2009 14:23
R:\Projects\R-2417c\Design\R-2417c_rdy_xpl_y3.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-91

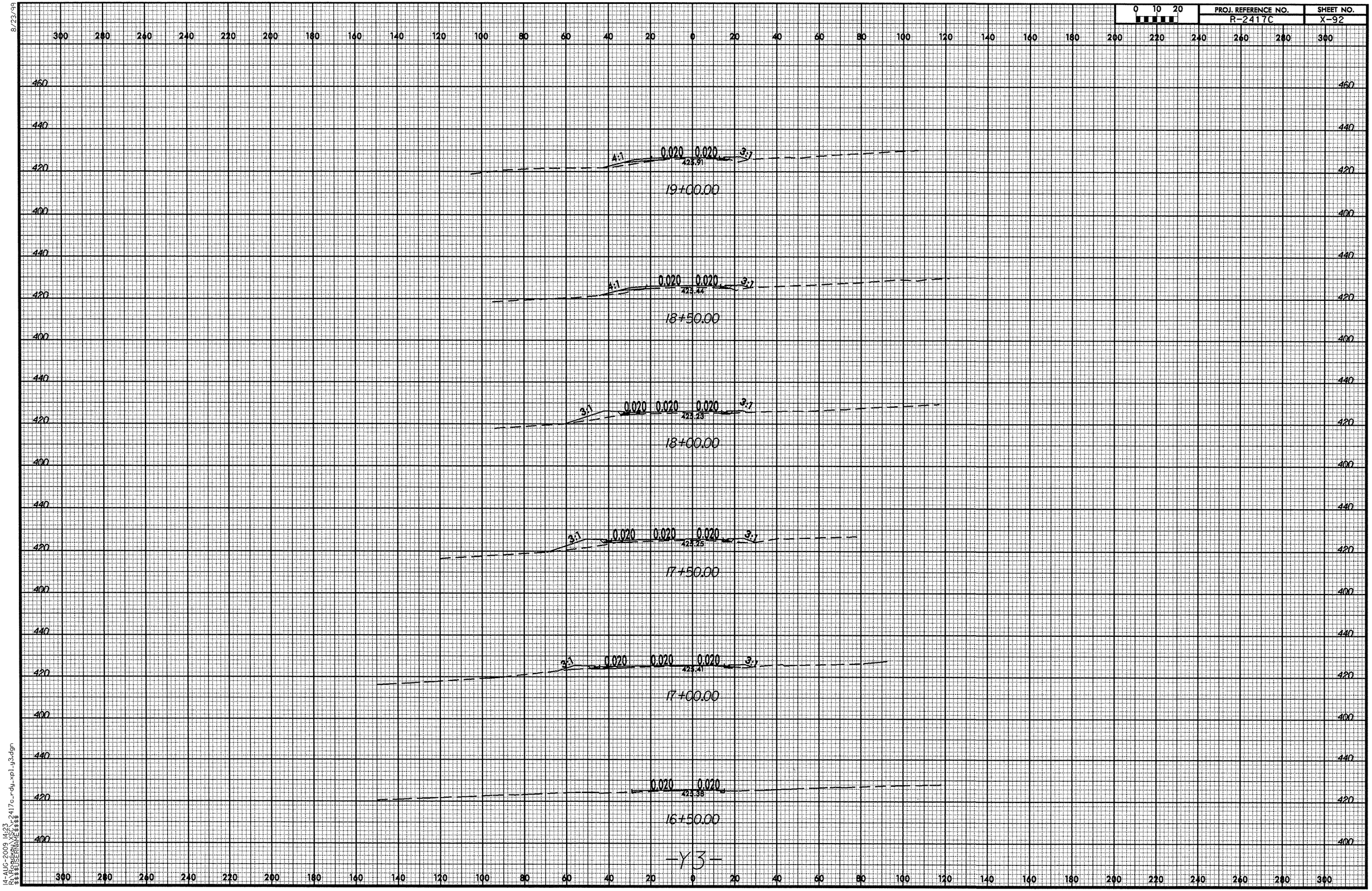


-Y3-

14-AUG-2009 14:23
R:\PROJECTS\2417c_rdy_xpl_y3.dgn
$$$$USERNAME$$$$

0 10 20

PROJ. REFERENCE NO.	SHEET NO.
R-2417C	X-92



14-AUG-2009 14:23
R:\RDY\r2417c_rdy_xpl_y3.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-93

END CONSTUCTION STA. 20+50.00

0.050 0.000
426.86
20+50.00

6:1 0.025 0.020 3:1
426.77
20+00.00

5:1 0.020 0.020
426.46
19+50.00

-Y3-

14-AUG-2009 14:23
R:\Projects\2417c\roadway\xsl\2417c_rdy_xsl_y3.dgn
$$$$USERNAME$$$$

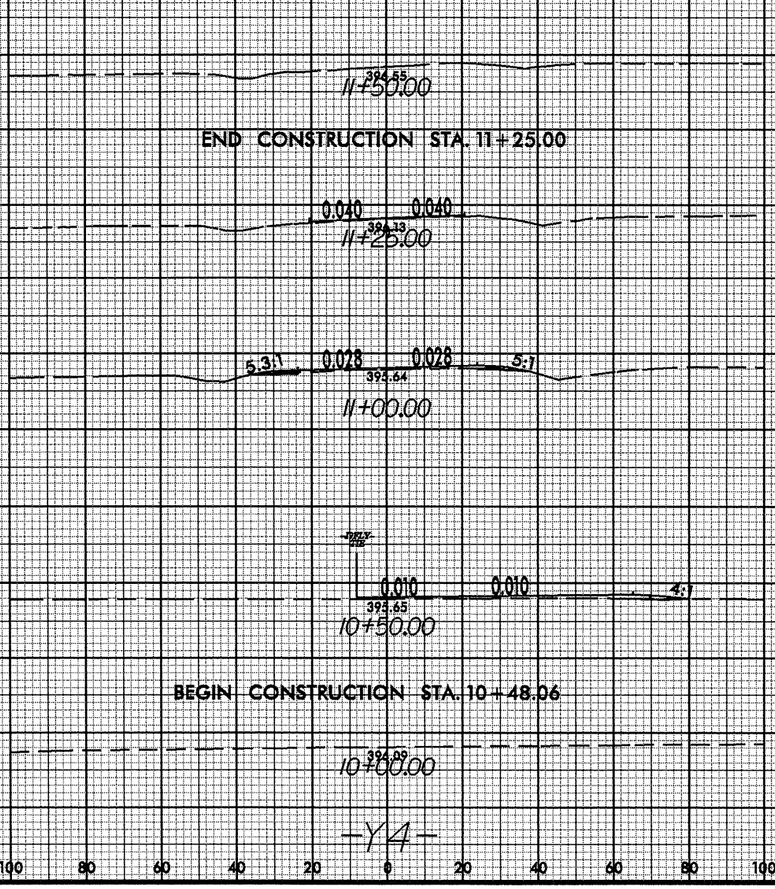
8/23/99

0 10 20

PROJ. REFERENCE NO.	SHEET NO.
R-2417C	X-94

END CONSTRUCTION STA. 11+25.00

BEGIN CONSTRUCTION STA. 10+48.06

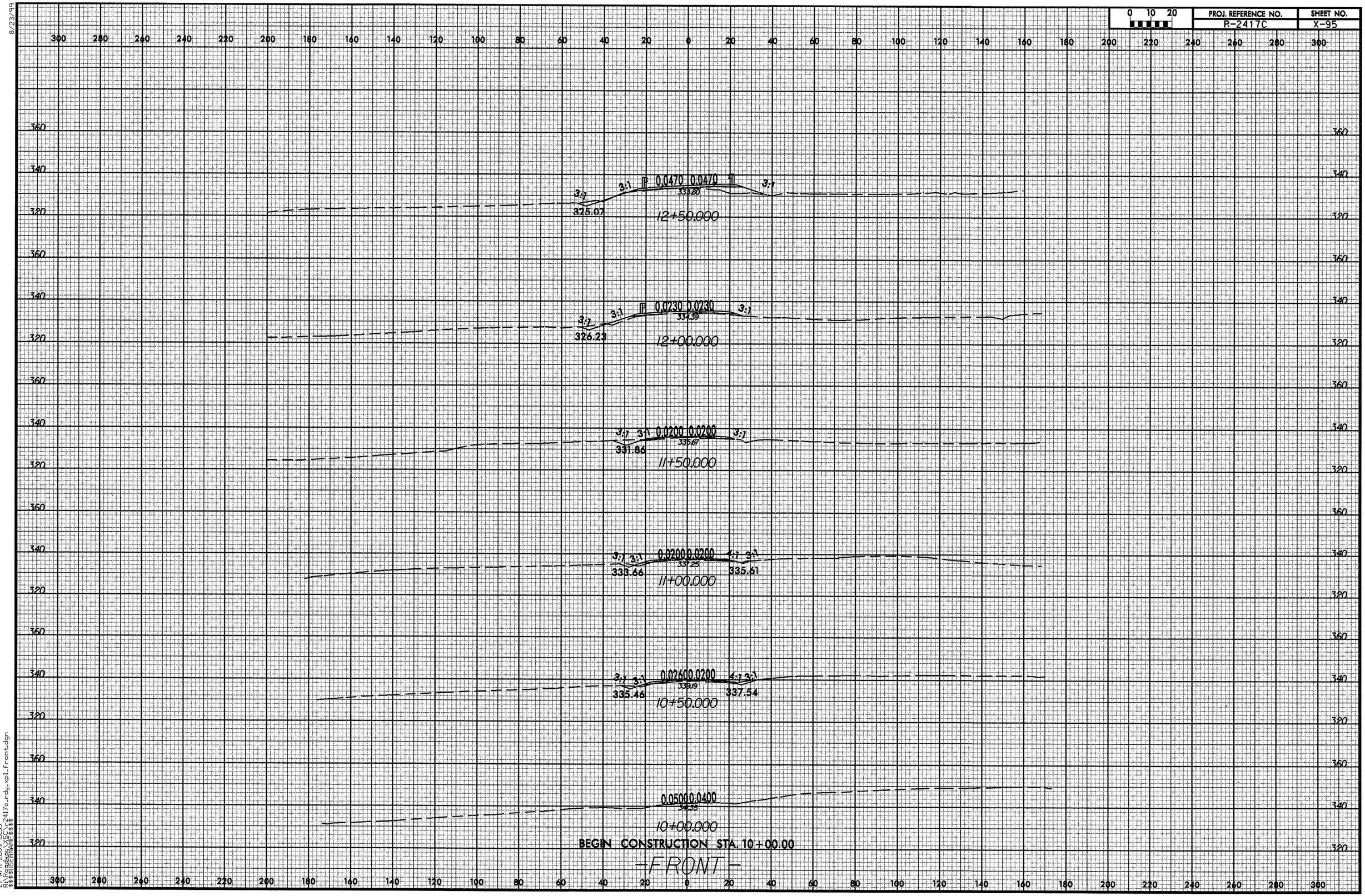


-Y4-

14-AUG-2009 14:57
R:\Projects\2417c\roadway\xpl\y4.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-95



27-APR-2009 13:53
R:\roadway\SCr_2417c_rdy_xpl_front.dgn
$$$$USERNAME$$$$

8/23/99

PROJ. REFERENCE NO.	SHEET NO.
R-2417C	X-96

0 10 20

15+50.00

0.060 0.060

5:1 4:1 3:1 346.51 342.68 3:1

15+00.00

0.060 0.060

3:1 336.11 3:1

14+50.00

0.060 0.060

3:1 323.98 3:1 3:1 335.46 3:1

14+00.00

0.060 0.060

3:1 339.45 3:1

13+50.00

0.060 0.060

3:1 338.73 3:1 322.76 3.0 3:1 323.16 3:1

13+00.00

0.060 0.060

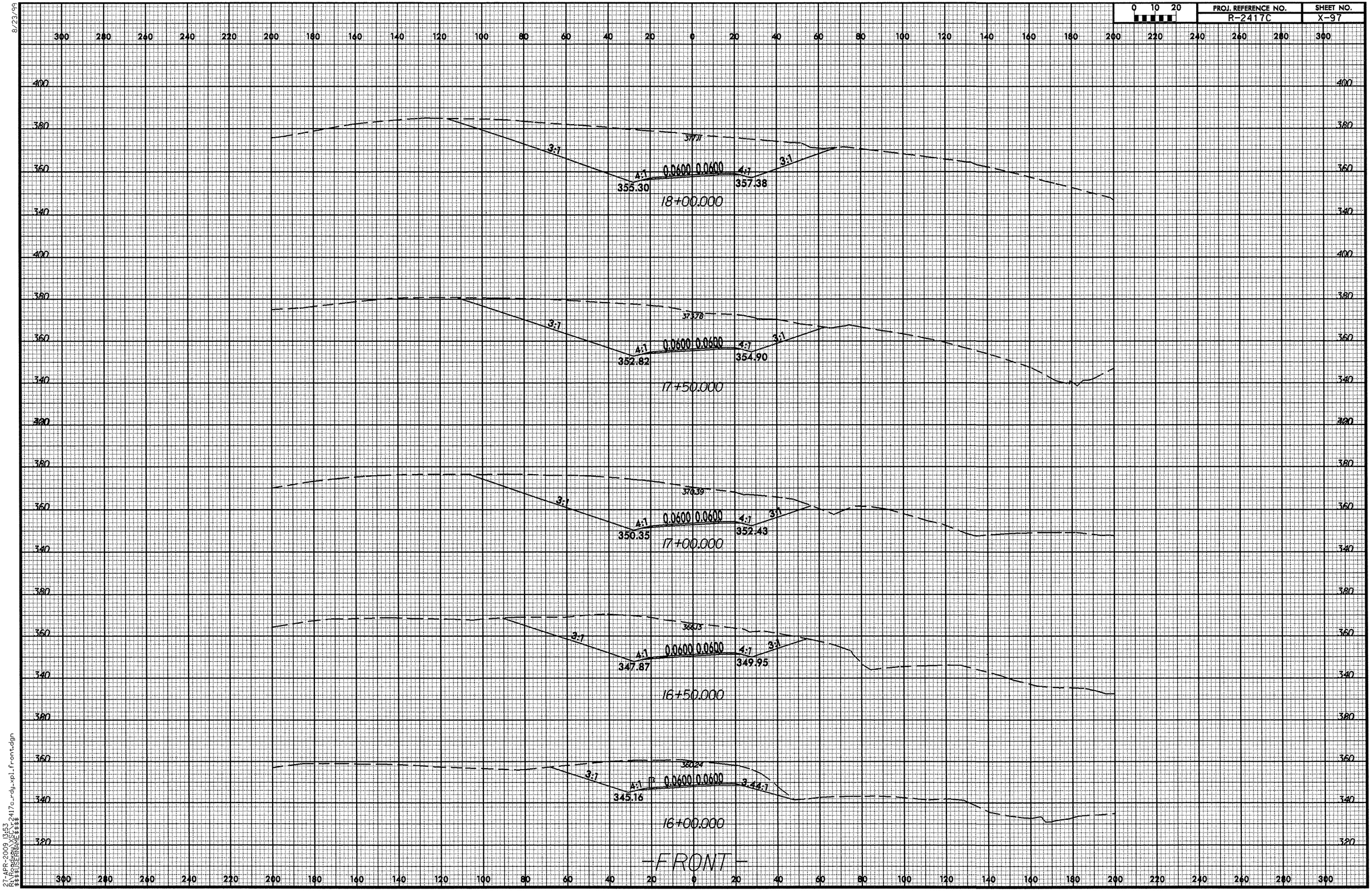
3:1 338.64 3:1 323.92 3.0 324.78 3:1 3:1

-FRONT-

18-SEP-2009 08:52
R:\Projdwg\XSCS\r-2417c_rdy_xpl_front.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-97

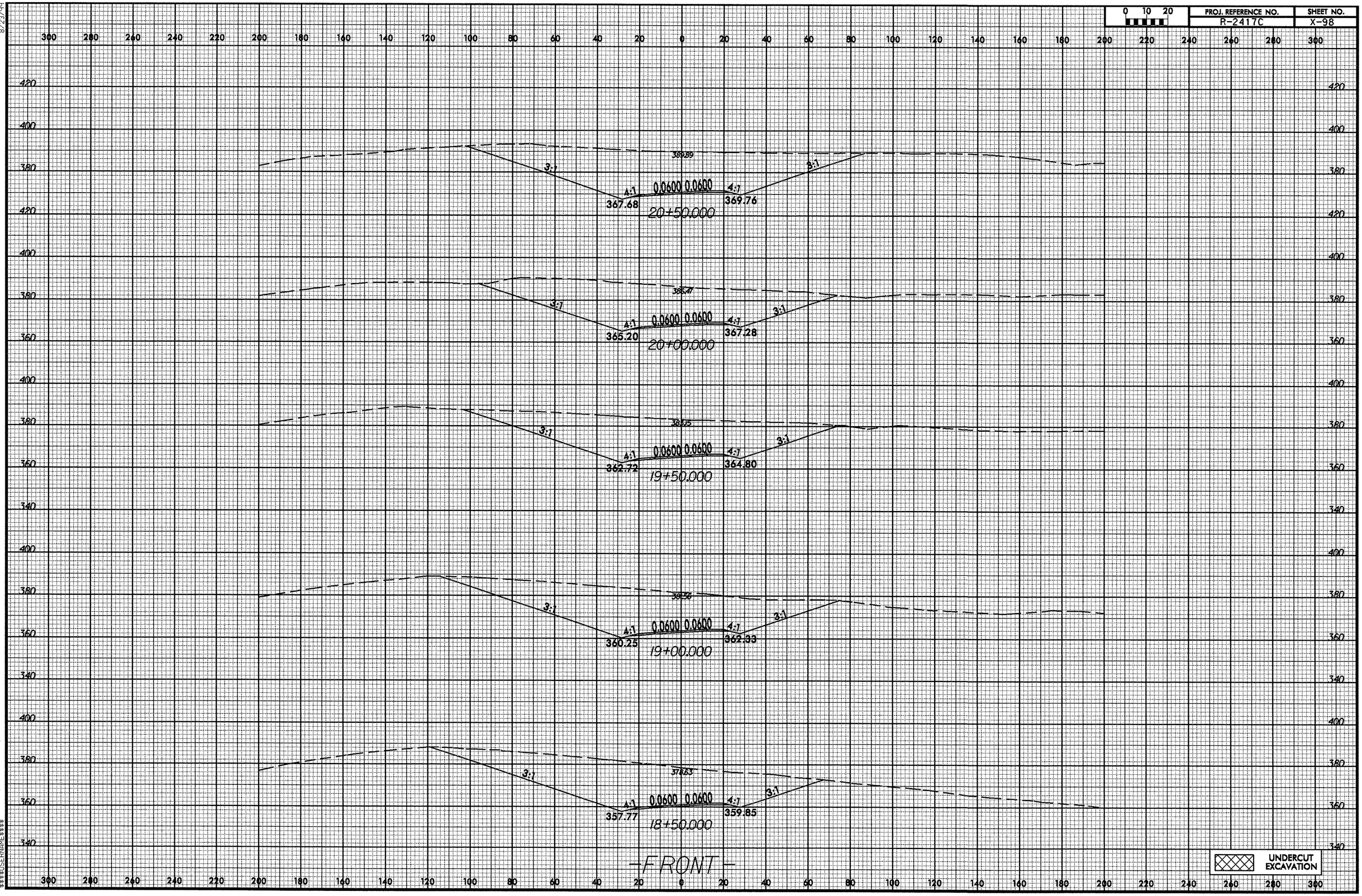


27-APR-2009 13:53
R:\Roadway\XSC\r2417c_rdy_xpl_front.dgn
$$$$USERNAME$$$$

8/23/99

PROJ. REFERENCE NO.	SHEET NO.
R-2417C	X-98

0 10 20

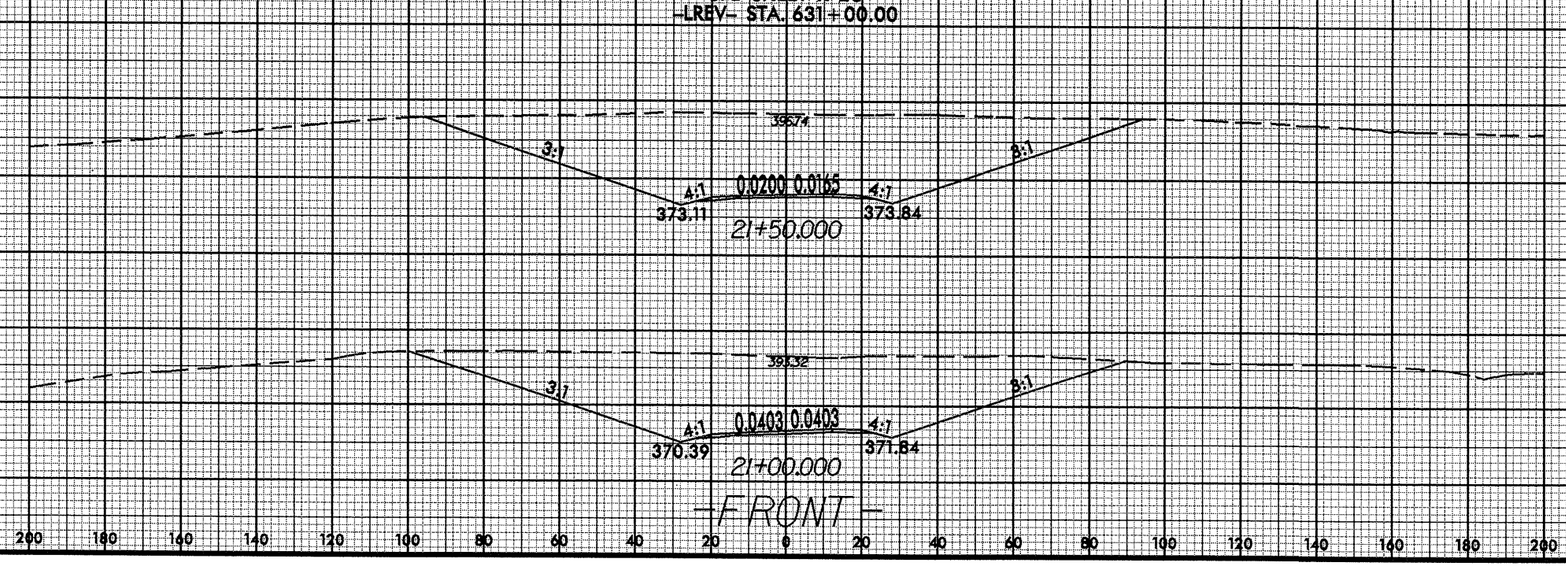


27-APR-2009 13:53
R:\Projects\RW\XSC\r-2417c_rdy_xpl_front.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-99

SEE SHEET X-28
-LREV- STA. 631+00.00

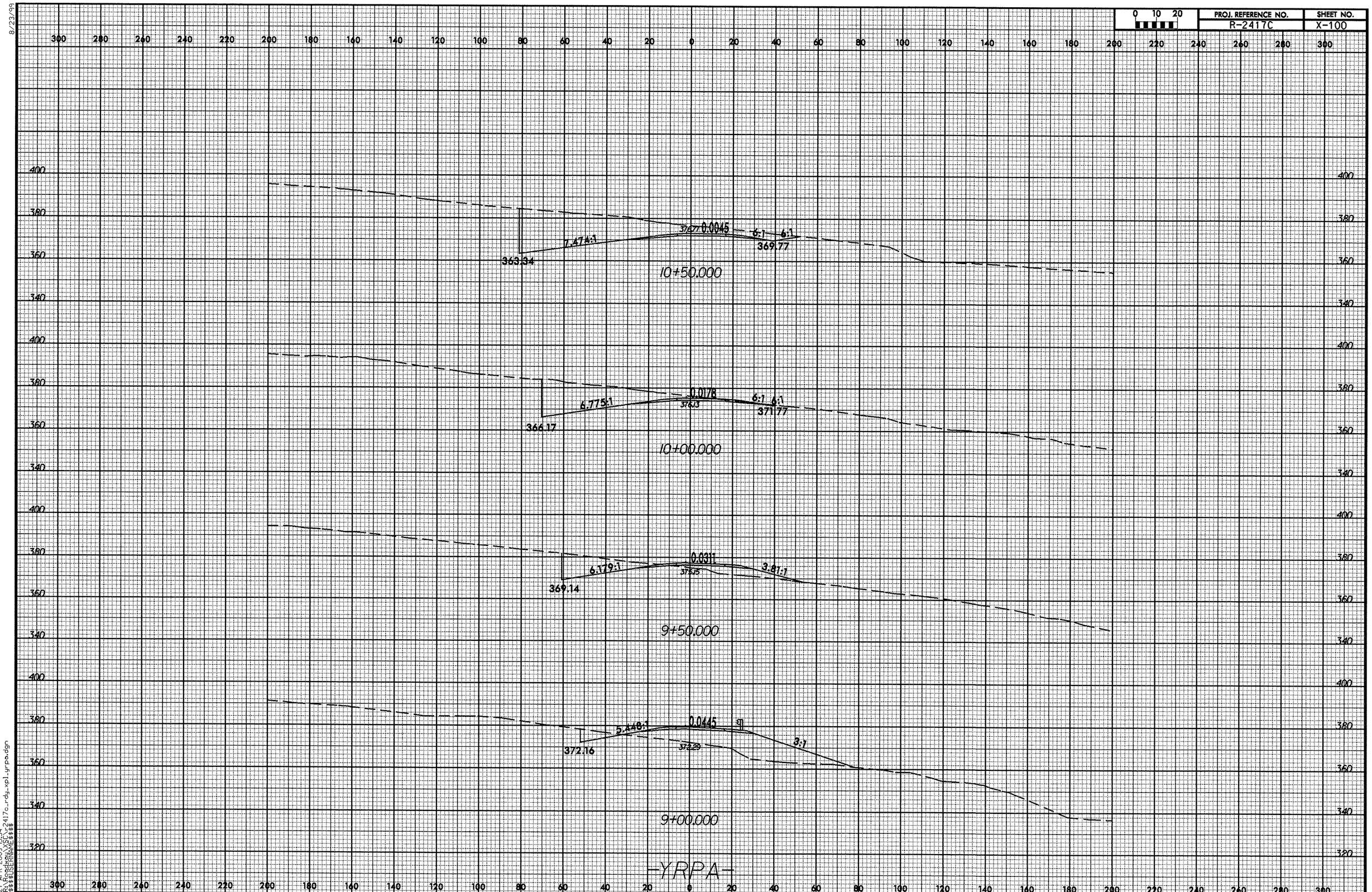


UNDERCUT EXCAVATION

27-APR-2009 13:54
N:\Roadway\XSECT\r2417c_rdy_xpl_front.dgn
$$$$USERNAME$$$$

8/23/99

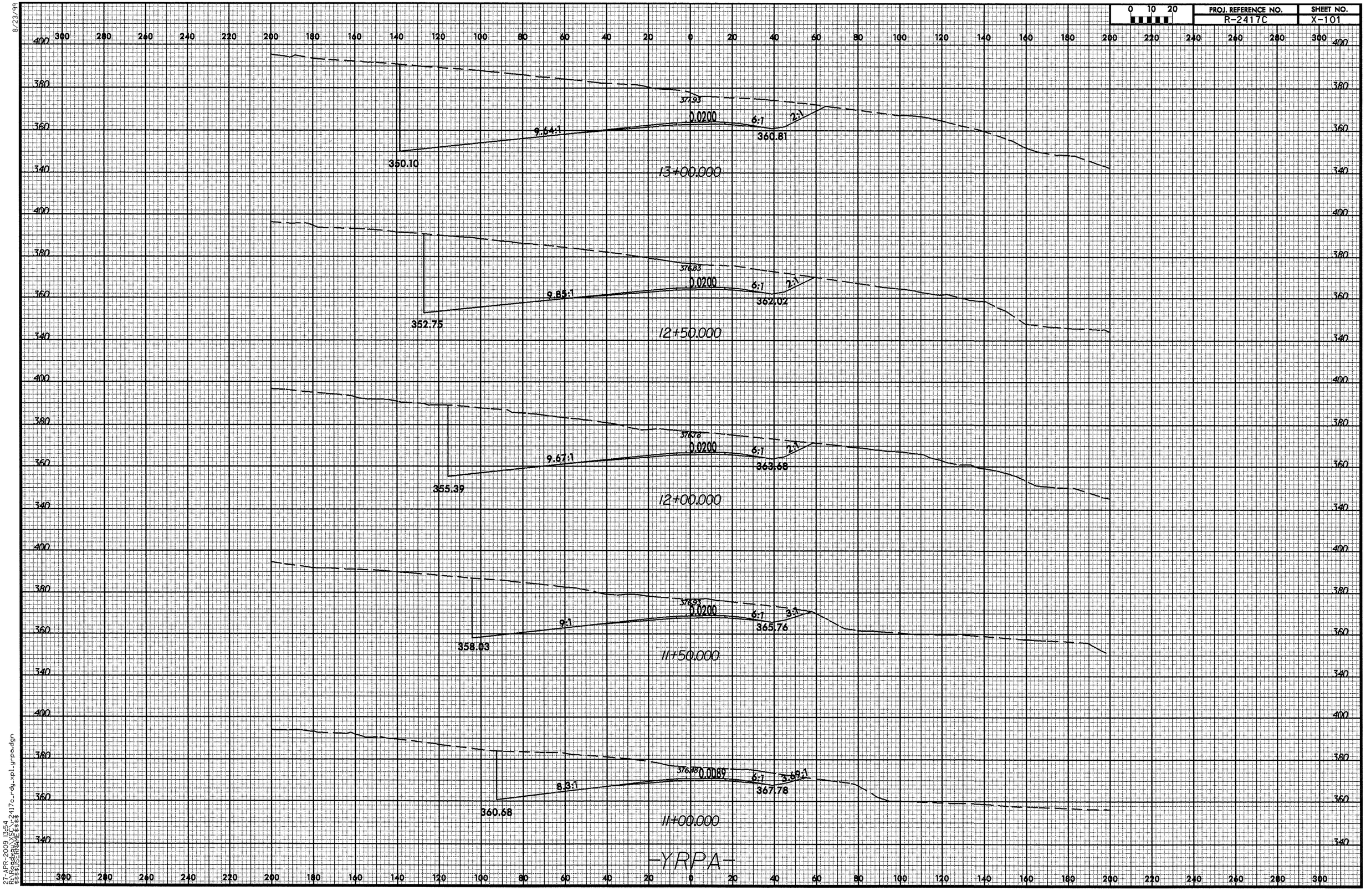
0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-100



27-APR-2009 13:54
R:\Roadway\xsc\r2417c_rdy_xpl_yrpa.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-101



27-APR-2009 13:54
R:\Projects\RW\XSC\r2417c_rdy_xpl_yrpa.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-102

15+50.000

356.50
6.25:1
0.0070
368.05
2:1
342.29

15+00.000

348.30
6:1
0.0070
368.14
4:1

14+50.000

345.03
7.47:1
0.0200
363.87
3.09:1

14+00.000

344.81
8.6:1
0.0200
370.01
6:1
2:1
359.75

13+50.000

347.46
9.19:1
0.0200
377.23
6:1
2:1
360.05

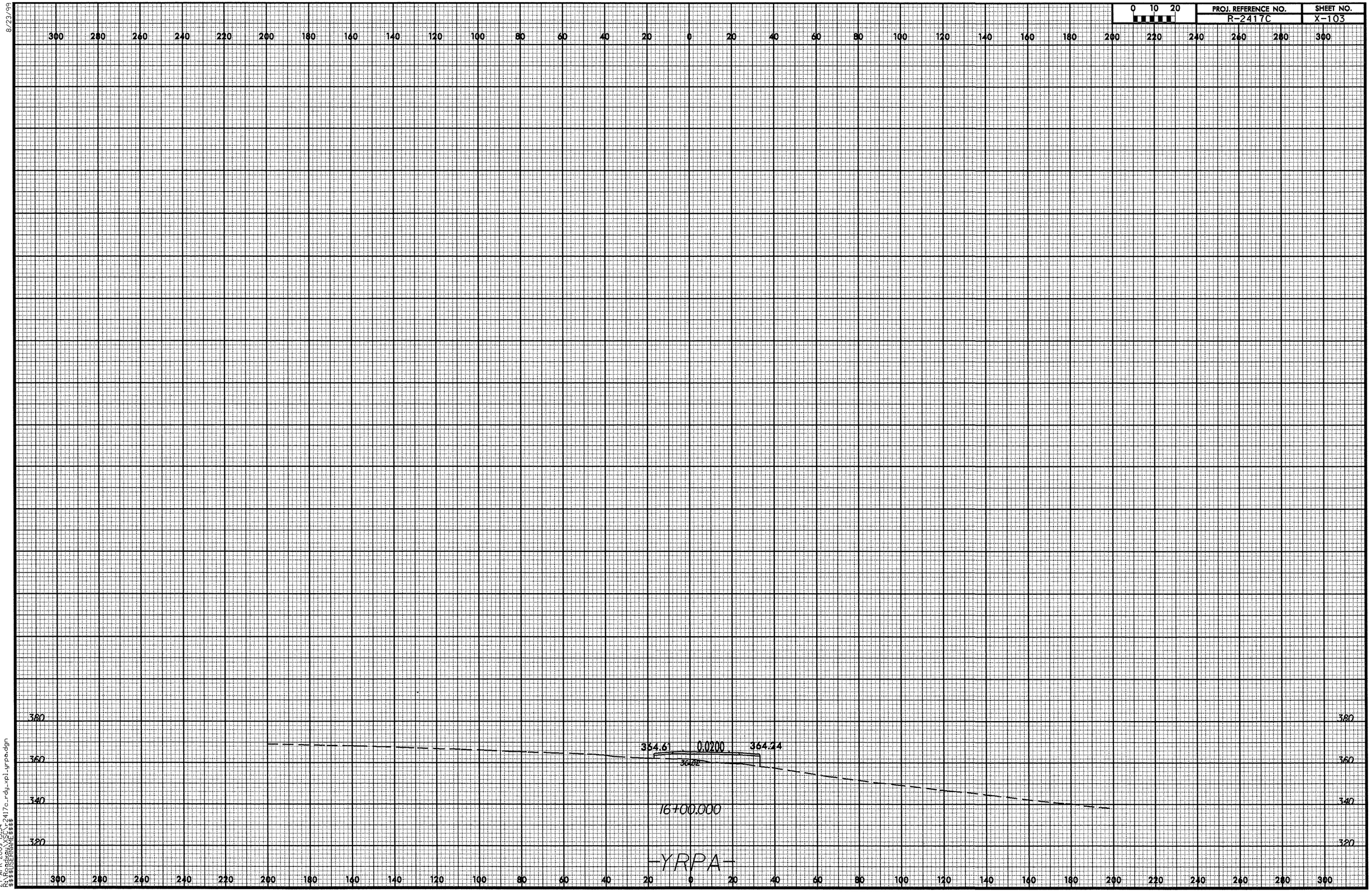
-YRPA-

27-APR-2009 13:54
R:\Roadway\XSCV\r2417c_rdy_xpl-yrpa.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20

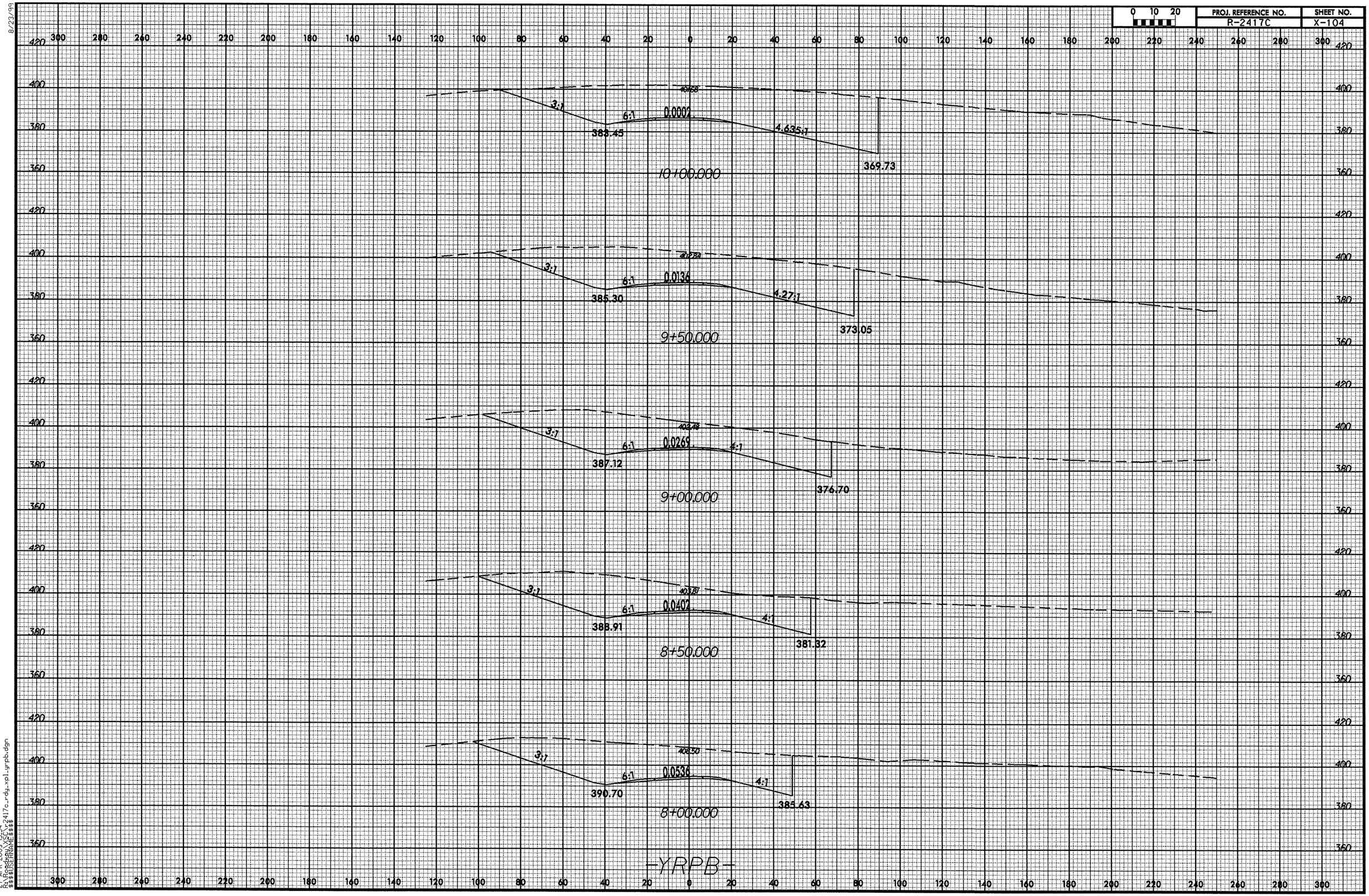
PROJ. REFERENCE NO.	SHEET NO.
R-2417C	X-103



27-APR-2009 13:54
R:\Roadway\XSEC\2417c_rdy_xpl_yrpa.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-104



27-APR-2009 13:54
R:\Roadway\xsec\r2417c_rdy_xpl_yrpb.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-105

12+50.000

3:1 6:1 0.0200 6:1 3:1

393.39

373.66 373.38

12+00.000

3:1 6:1 0.0200 6:1 3:1

387.77

375.67 375.39

11+50.000

3:1 6:1 0.0200 5.6:1

390.45

377.68 360.12

11+00.000

3:1 6:1 5.33:1

393.99

379.68 363.33

10+50.000

3:1 6:1 0.0131 5:1

391.54

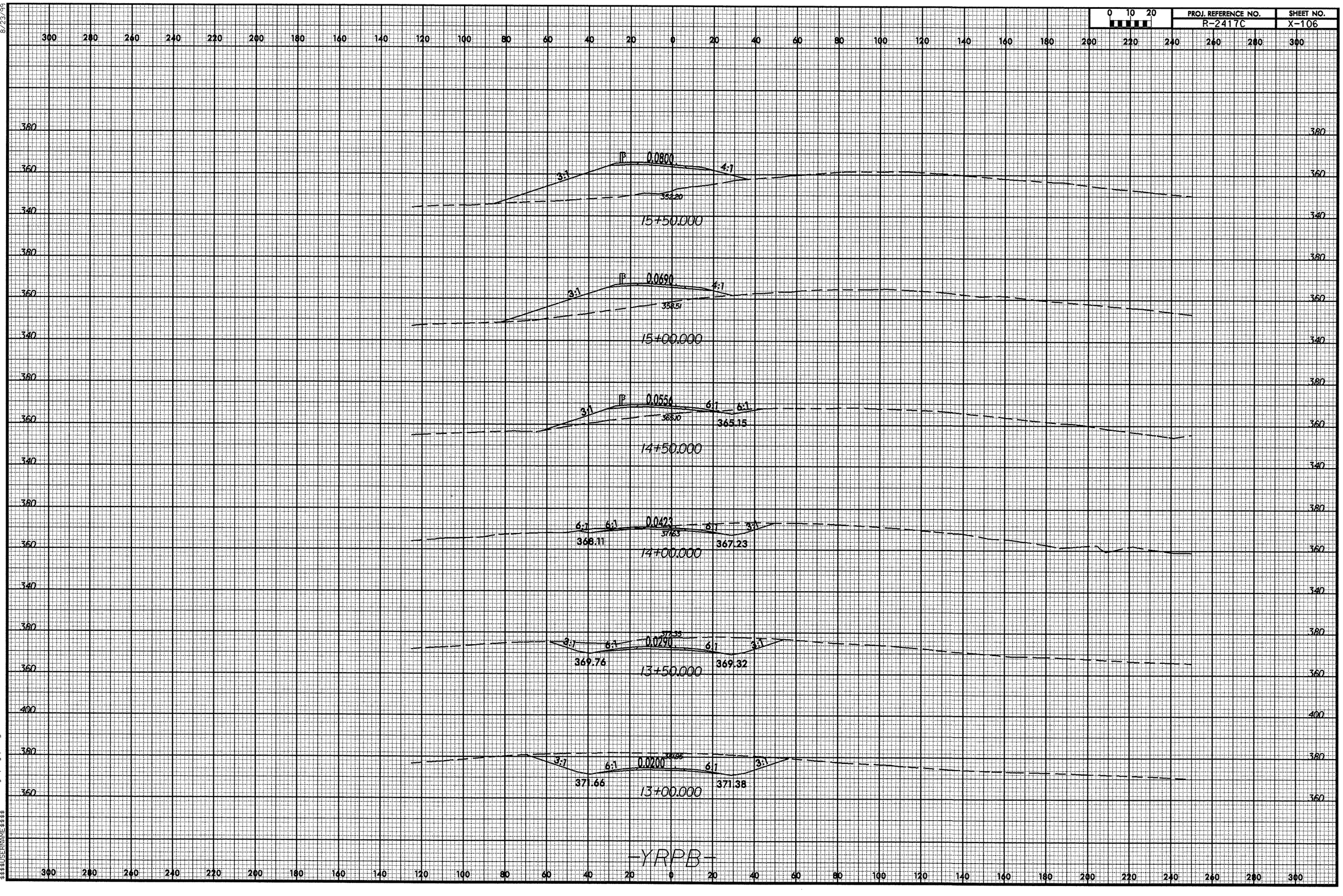
381.61 366.53

-YRPB-

27-APR-2009 13:54
R:\Roadway\xsec\r2417c_rdy_xpl_yrpb.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-106

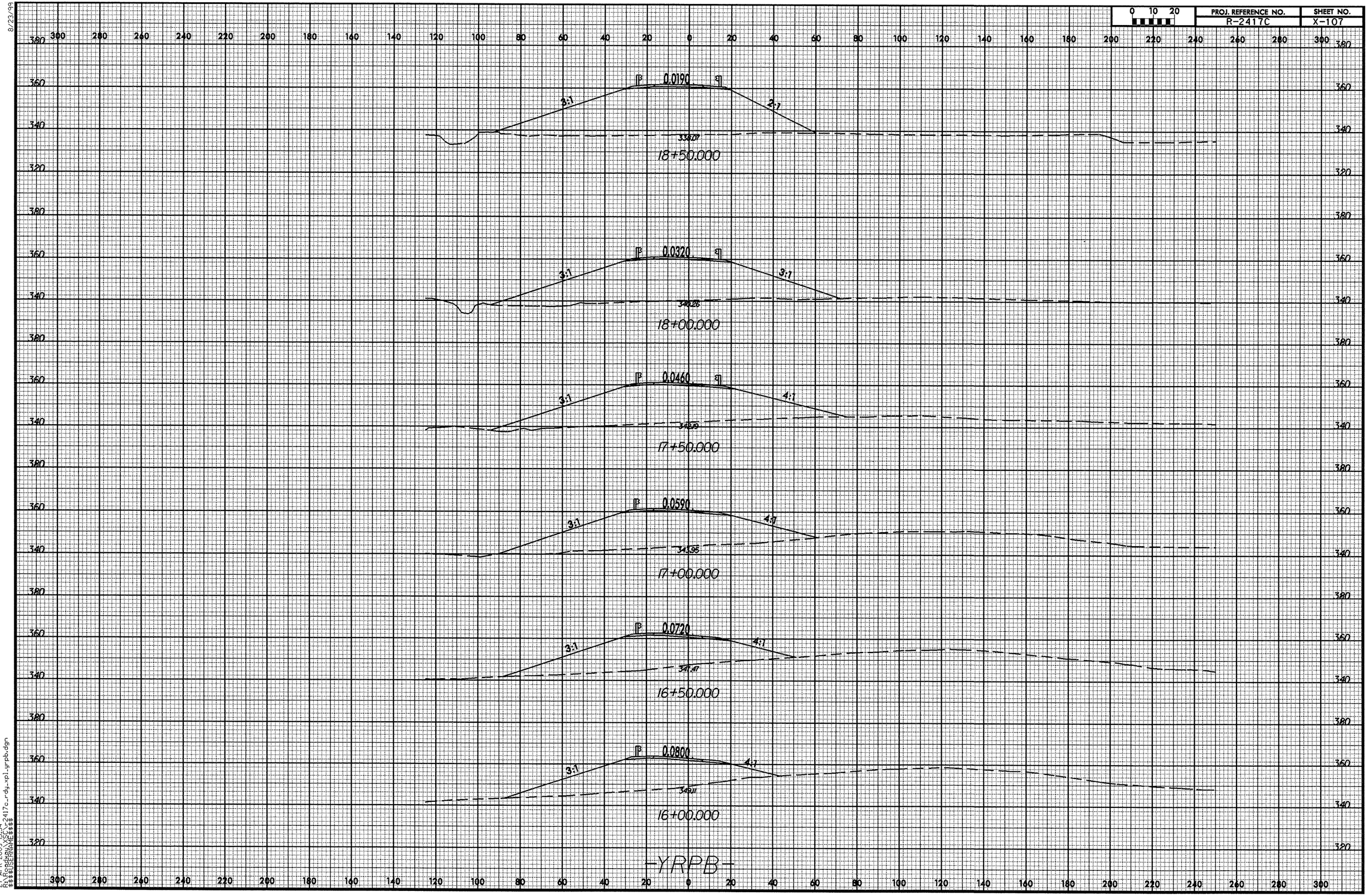


-YRPB-

27-APR-2009 13:54
R:\Roadway\xsc\r2417c_rdy_xpl_grpb.dgn
$$$$USERNAME$$$$

8/23/99

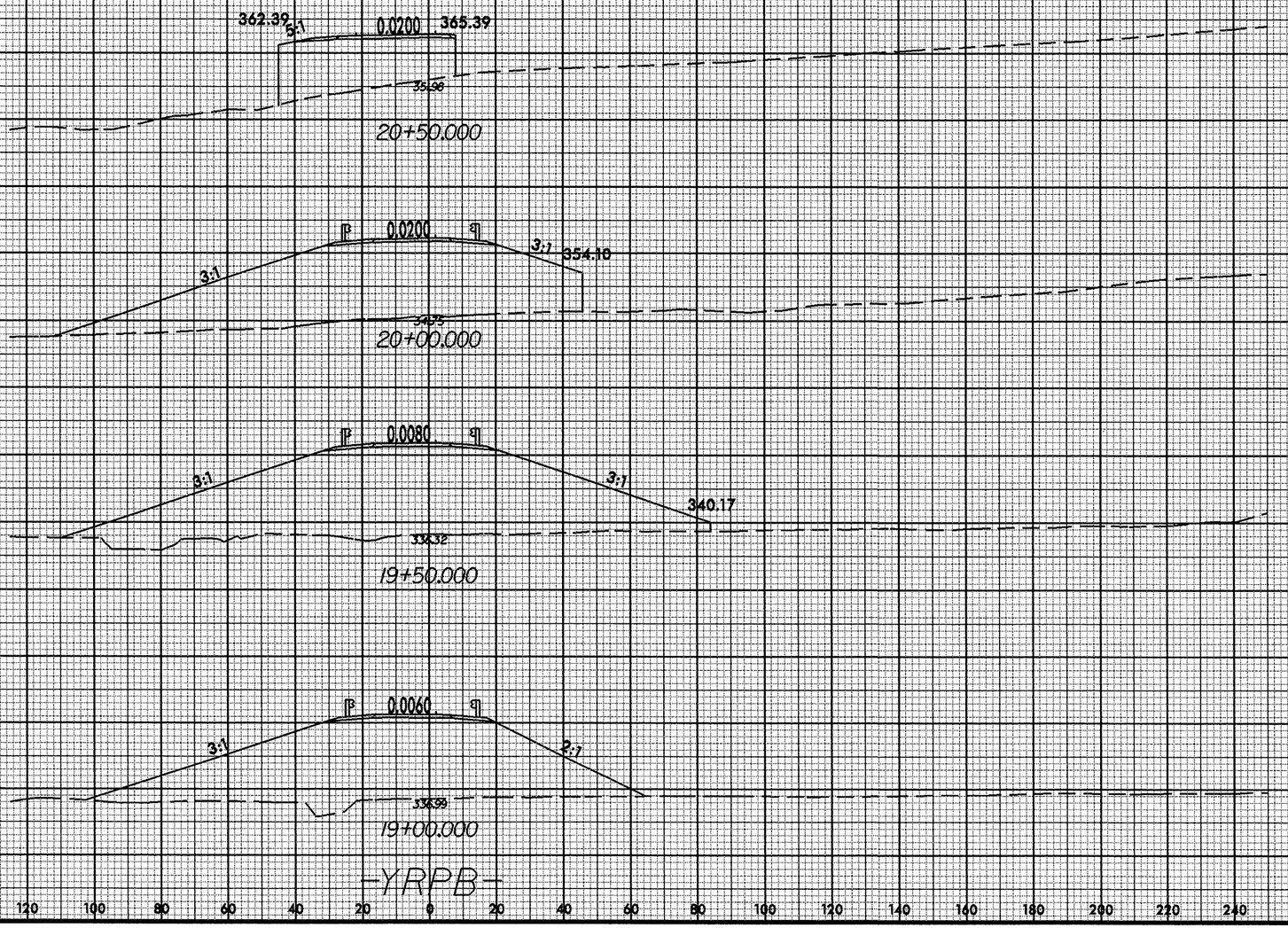
0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-107



27-APR-2009 13:54
$$$$USERNAME$$$$
P:\Projects\RW\X2417c_rdy_xpl_yrpb.dgn

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-108

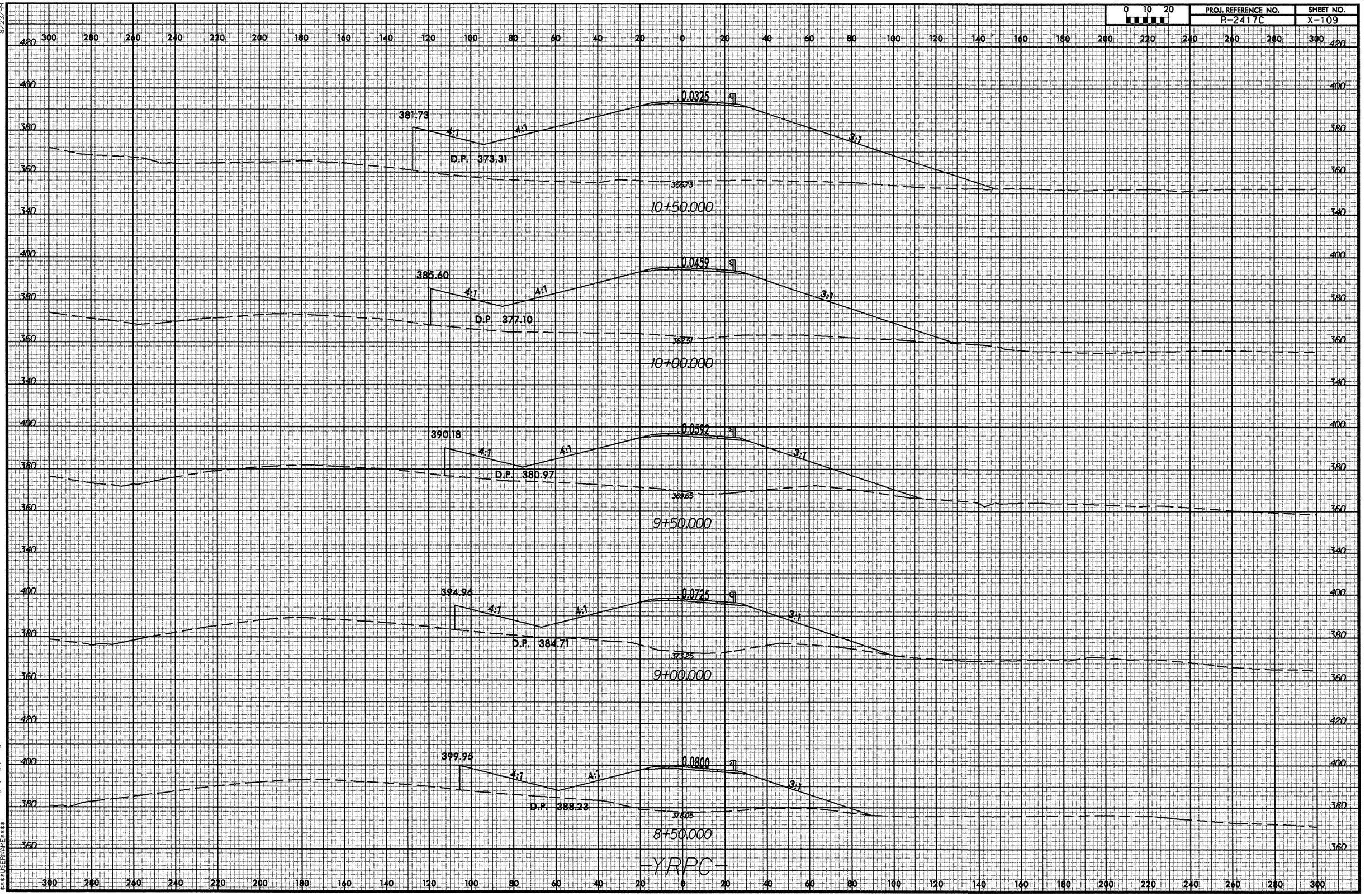


-YRPB-

27-APR-2009 13:54
R-2417C_XSD_R-2417c_rdy_xpl_yrpb.dgn
$$$$USERNAME$$$$

8/23/99

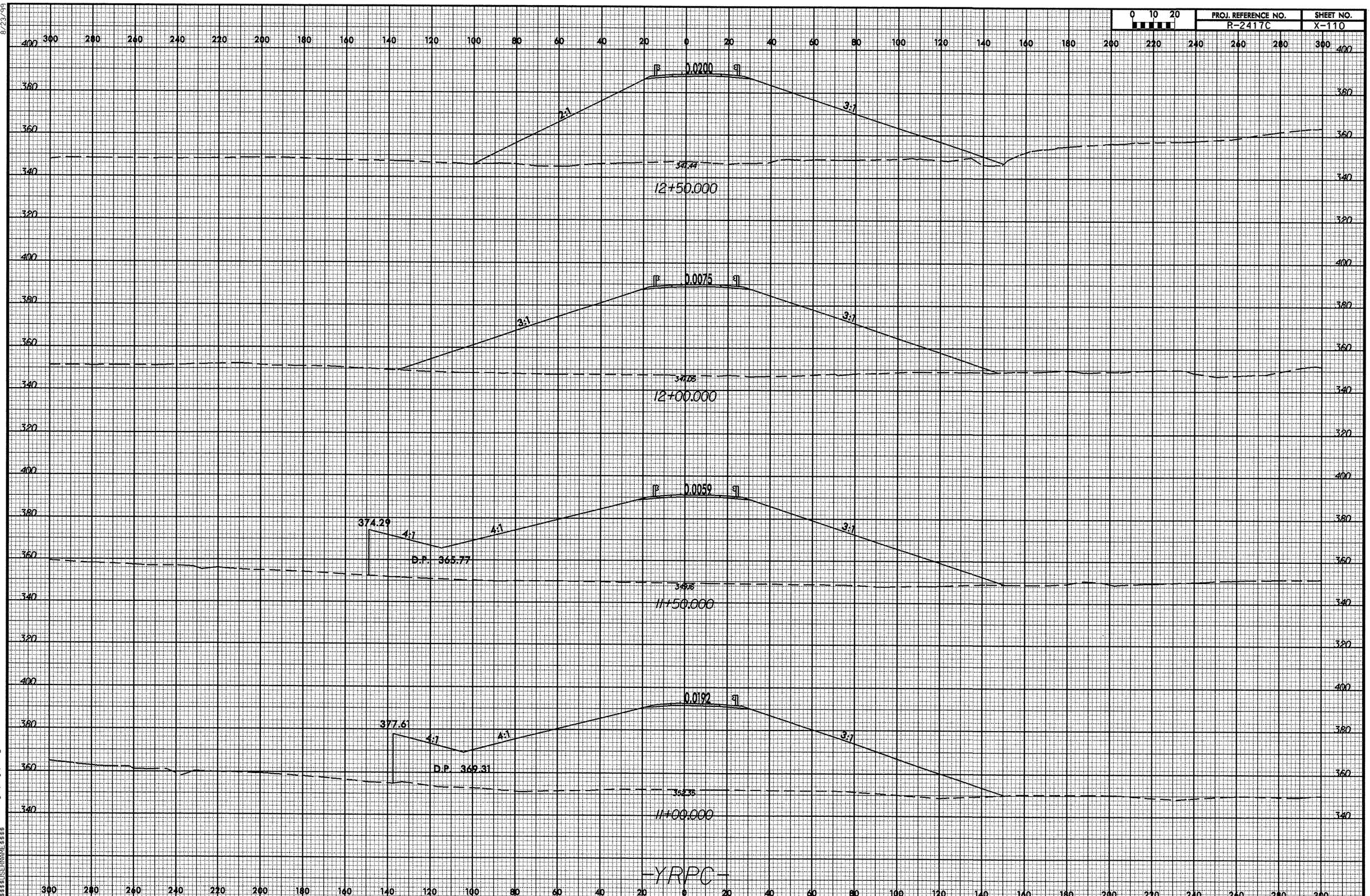
0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-109



27-APR-2009 13:54
R:\Roadway\SCV\r-2417c_rdy_xpl_yrpc.dgn
$$$$USERNAME$$$$

8/23/99

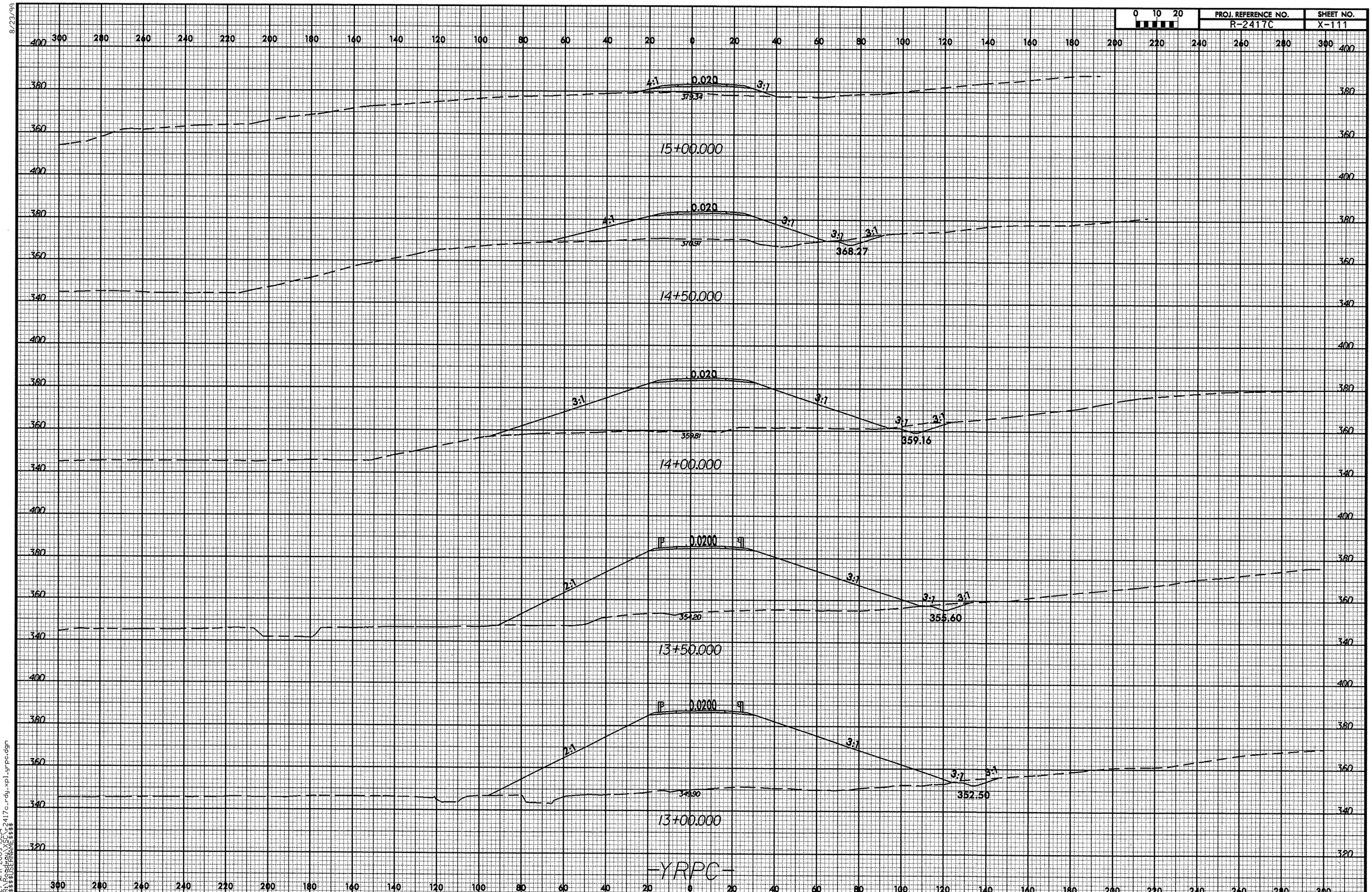
0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-110



27-APR-2009 13:54
R:\Projects\R-2417C\r2417c_rdy_xpl_yrpc.dgn
$$$$USERNAME$$$

8/23/99

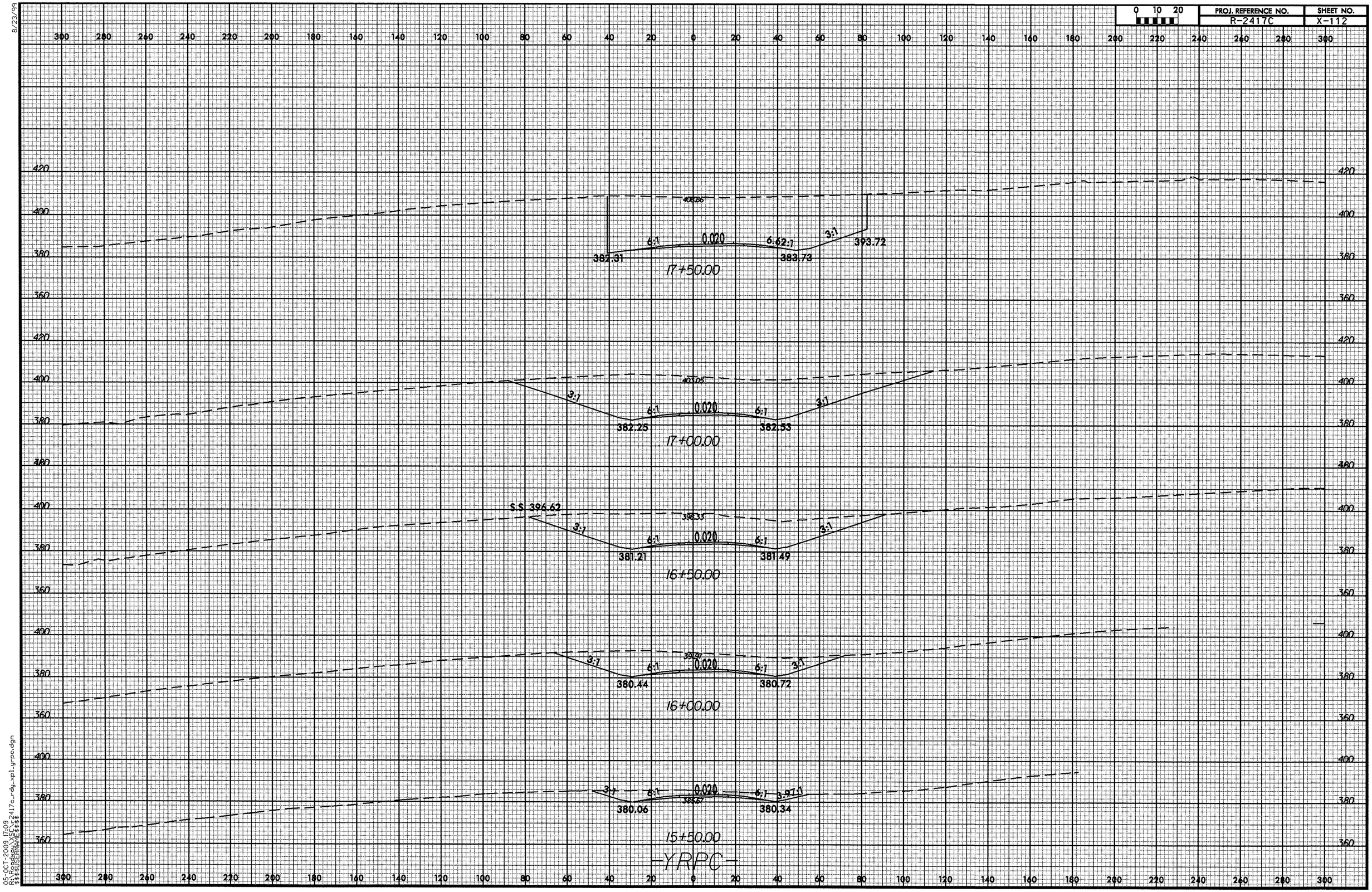
0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-111



27-APR-2009 13:54
R:\Roadway\XSECTS\r2417c_rdy_xpl_yrpc.dgn
$$$$USERNAME$$$$

8/23/99

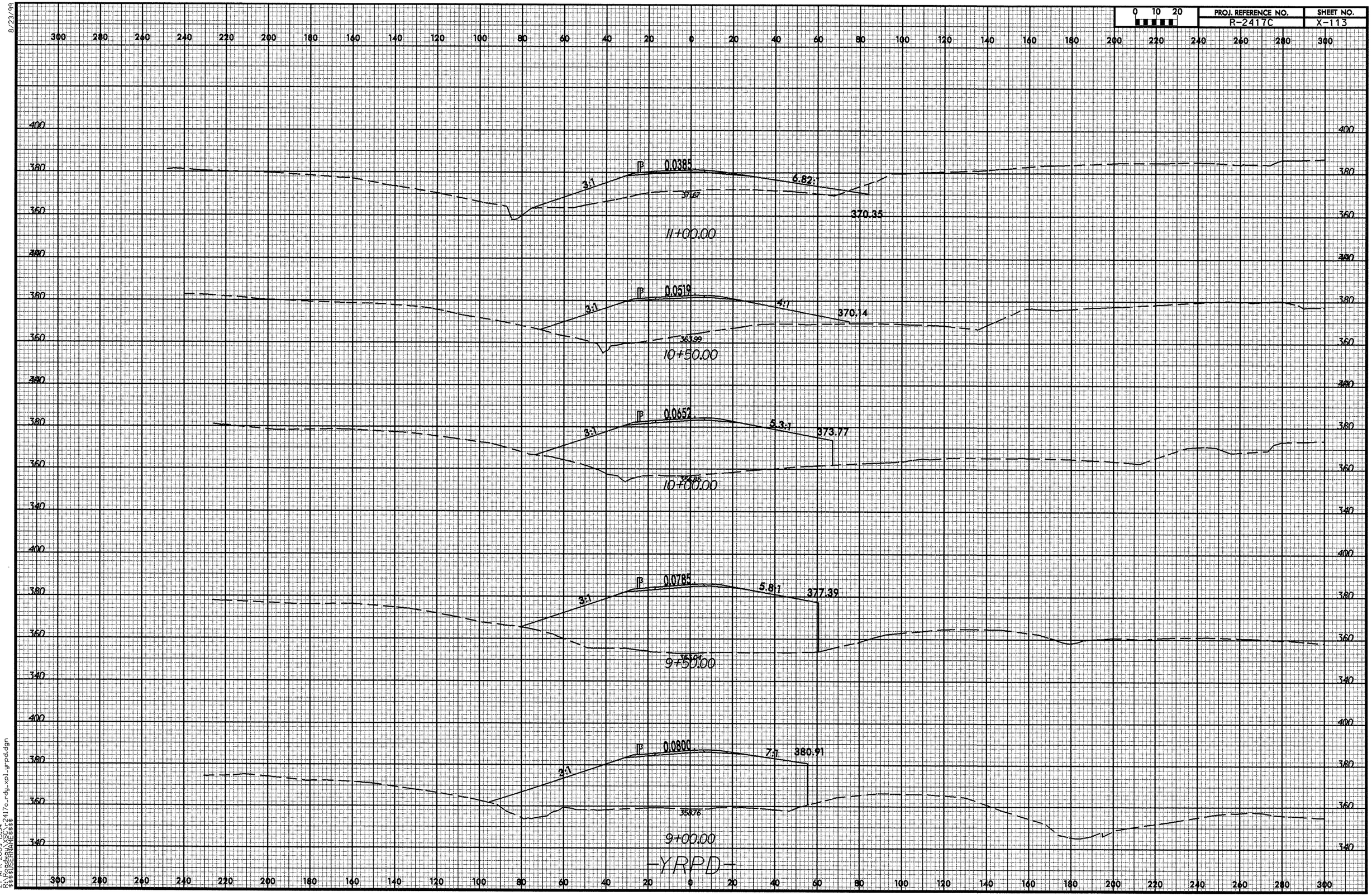
0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-112



05-OCT-2009 17:09
$$$$USERNAME$$$$
$$$$DGN$$$$ r2417c_rdy_xpl_yrpc.dgn

8/23/99

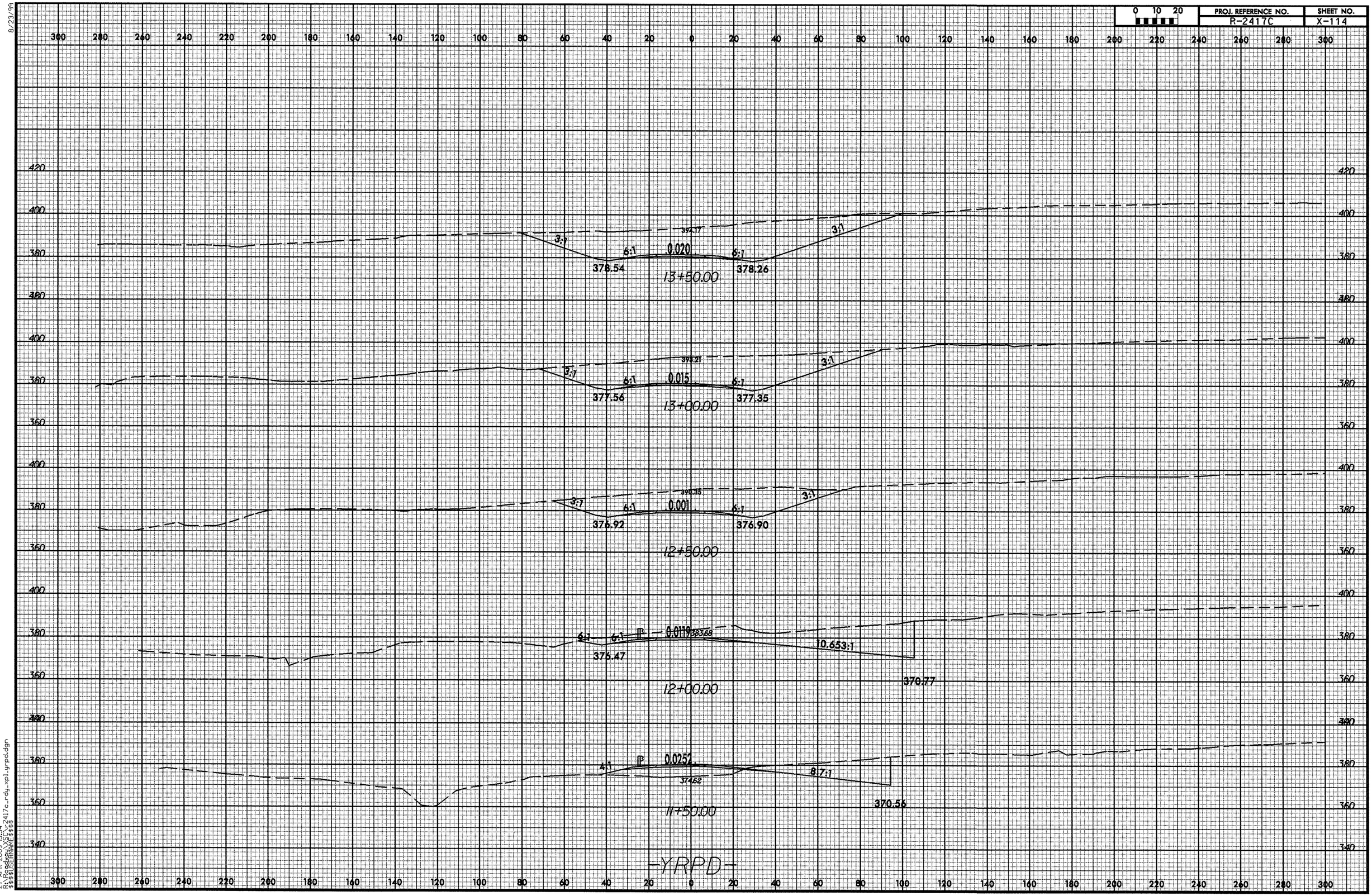
0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-113



27-APR-2009 13:54
R:\Roadway\x2417c_rdy_xpl_yrpd.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-114



27-APR-2009 13:54
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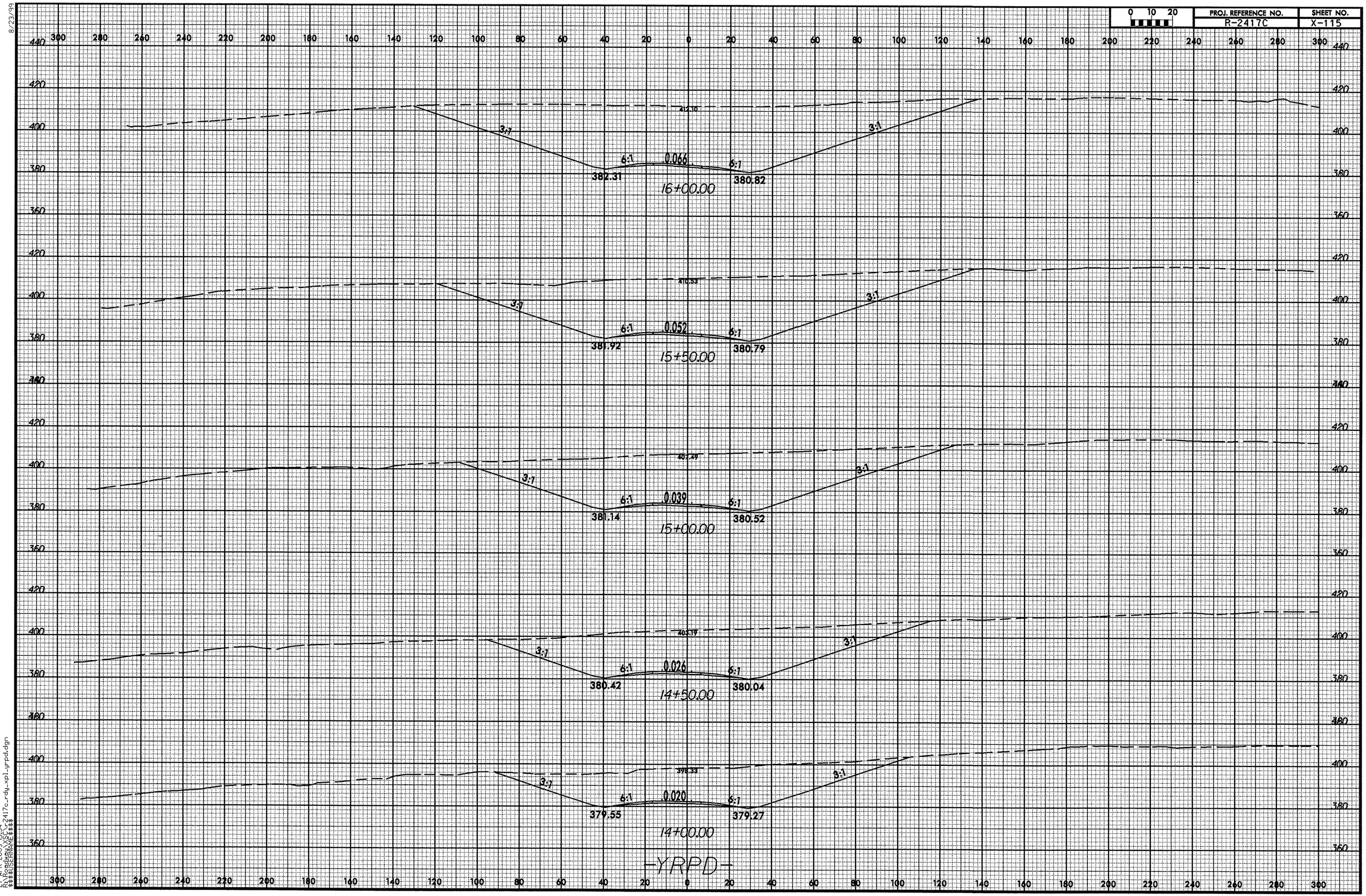
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-115



27-APR-2009 13:54
$$$$USERNAME$$$$
RivRoadway\SCVr2417c_rdy_xpl_yrpd.dgn

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-116

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

440 420 400 380 360

425.29

-YLPD- 8+24.92

3:1 6:1 0.068 0.079 3.17:1 -0.5000%

381.59 388.16

18+00.00

421.89

-YLPD- 7+76.30

3:1 6:1 0.080 0.075 3.21:1 -0.5000%

382.10 388.33

17+50.00

416.12

-YLPD- 7+27.12

3:1 6:1 0.080 4:1 4:1 0.068 3.31:1 -0.5000%

382.32 380.86 388.58

17+00.00

415.11

-YLPD- 6+76.98

3:1 6:1 0.079 6:1 4.83:1 0.057 3.34:1

382.52 380.10 388.66

16+50.00

-YRPD-

27-APR-2009 13:54
R:\Roadway\XSCs\r2417c_rdy_xpl_yrpd.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-117

-YLPD- 9+73.14

427.49

3:1

6:1 0.028 0.078 3:1

-0.5000%

380.44

387.69

19+50.00

-YLPD- 9+23.09

427.89

3:1

6:1 0.042 0.080 3:1

-0.5000%

380.82

387.73

19+00.00

-YLPD- 8+73.29

427.73

3:1

6:1 0.055 0.080 3:1

-0.5000%

381.07

387.93

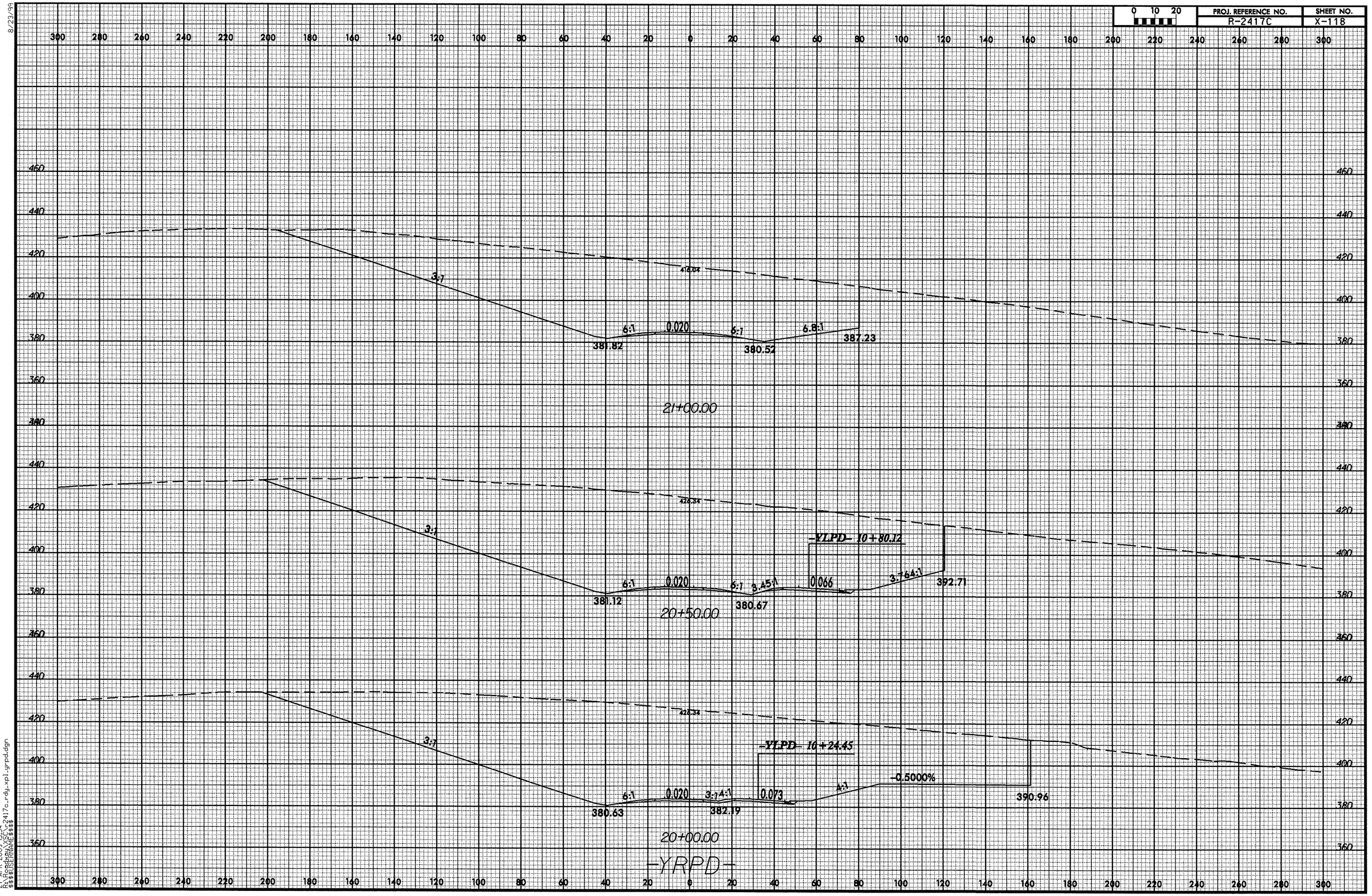
18+50.00

-YRPD-

27-APR-2009 13:54
R:\Roadway\SCT\r-2417c_rdy_xp1_yrpd.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-118

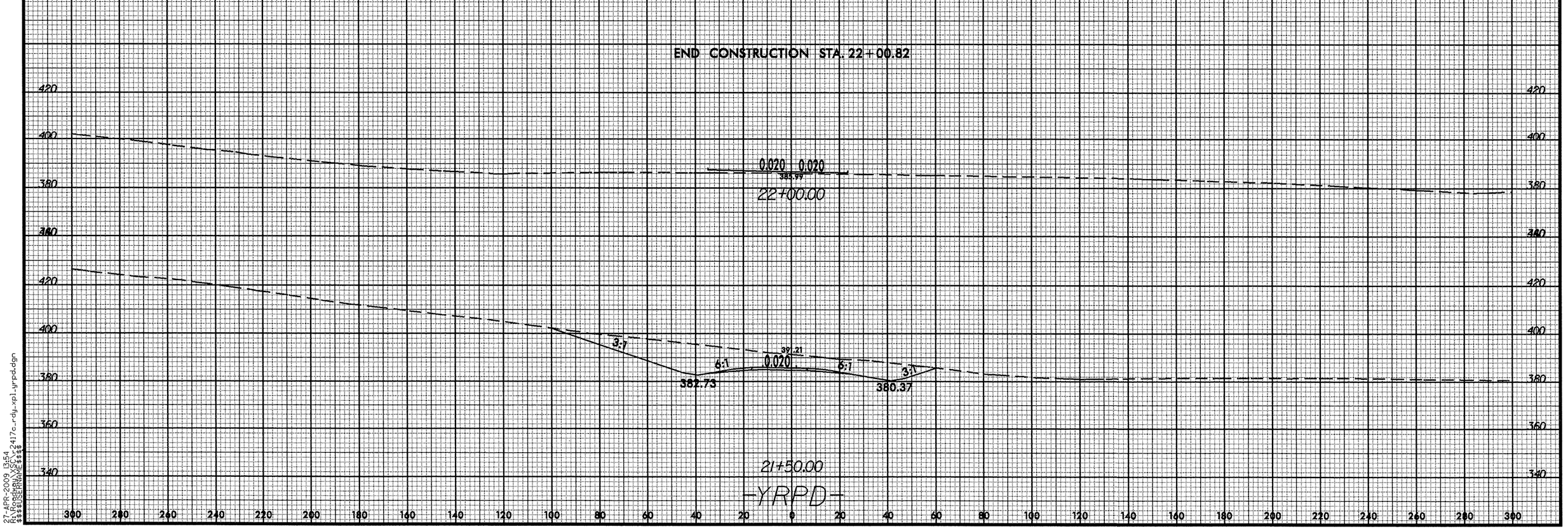


27-APR-2009 13:54
R:\Projects\RW\X\SC\2417c_rdy_xpl_yrpd.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-119

END CONSTRUCTION STA. 22+00.82



27-APR-2009 13:54
R:\Roadway\xsec\r2417c_rdy_xpl_yrpd.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-120

5+50.00

4/530

0.0800

6:1

3:1

-0.5000 %

371.89

387.94

5+00.00

4/536

0.0800

7.41:1

387.59

371.52

4+50.00

4/490

0.0800

5.32:1

-1.4169 %

371.79

387.94

4+00.00

4/359

0.0800

6:1

6:1

-2.3036 %

383.91

D.P. 381.63

387.94

3+50.00

4/279

0.0800

6:1

6:1

-3.0860 %

392.63

D.P. 387.89

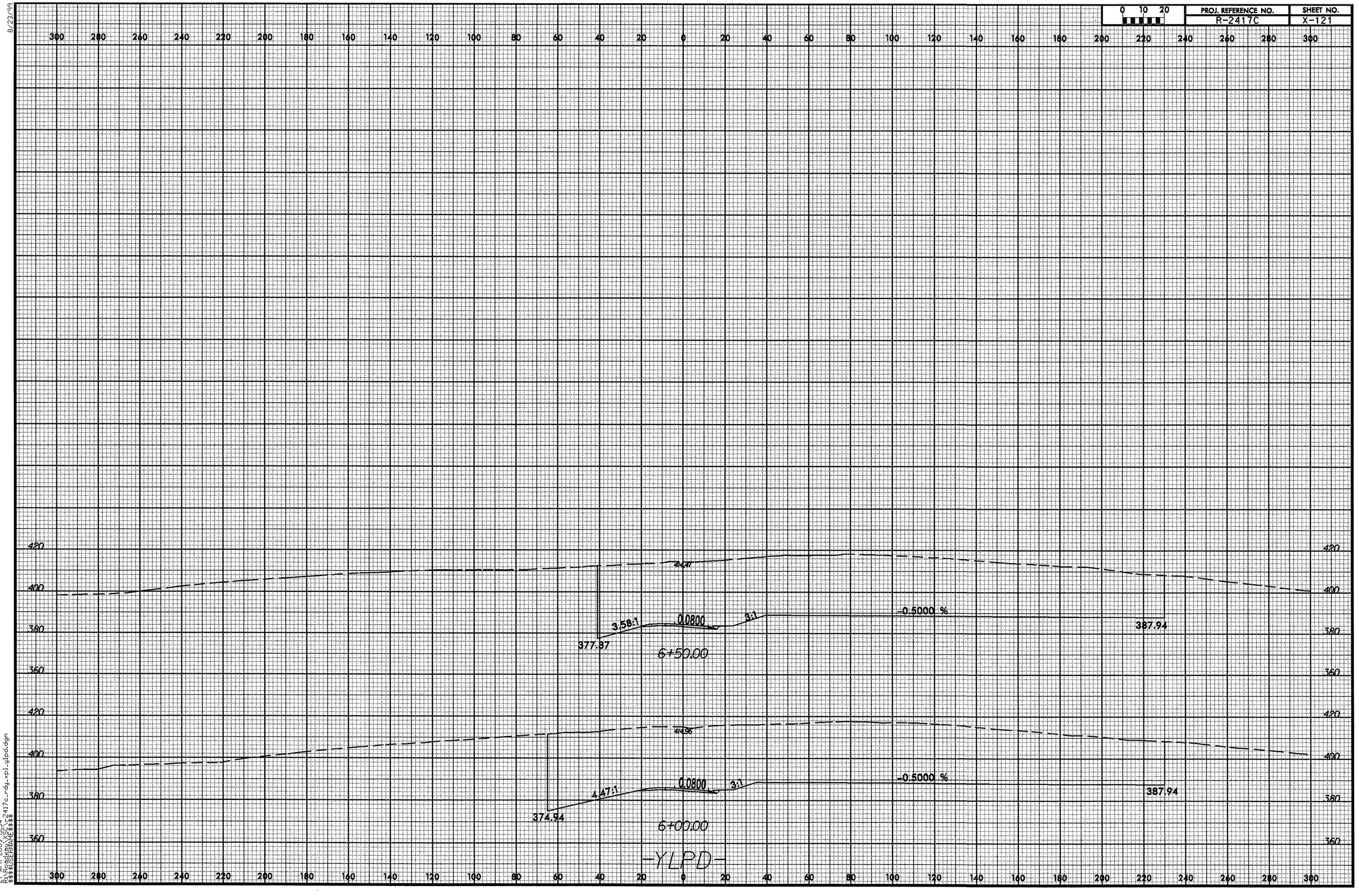
387.94

-YLPD-

27-APR-2009 13:54
$$USERNAME$$
$$USERNAME$$
$$USERNAME$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-121

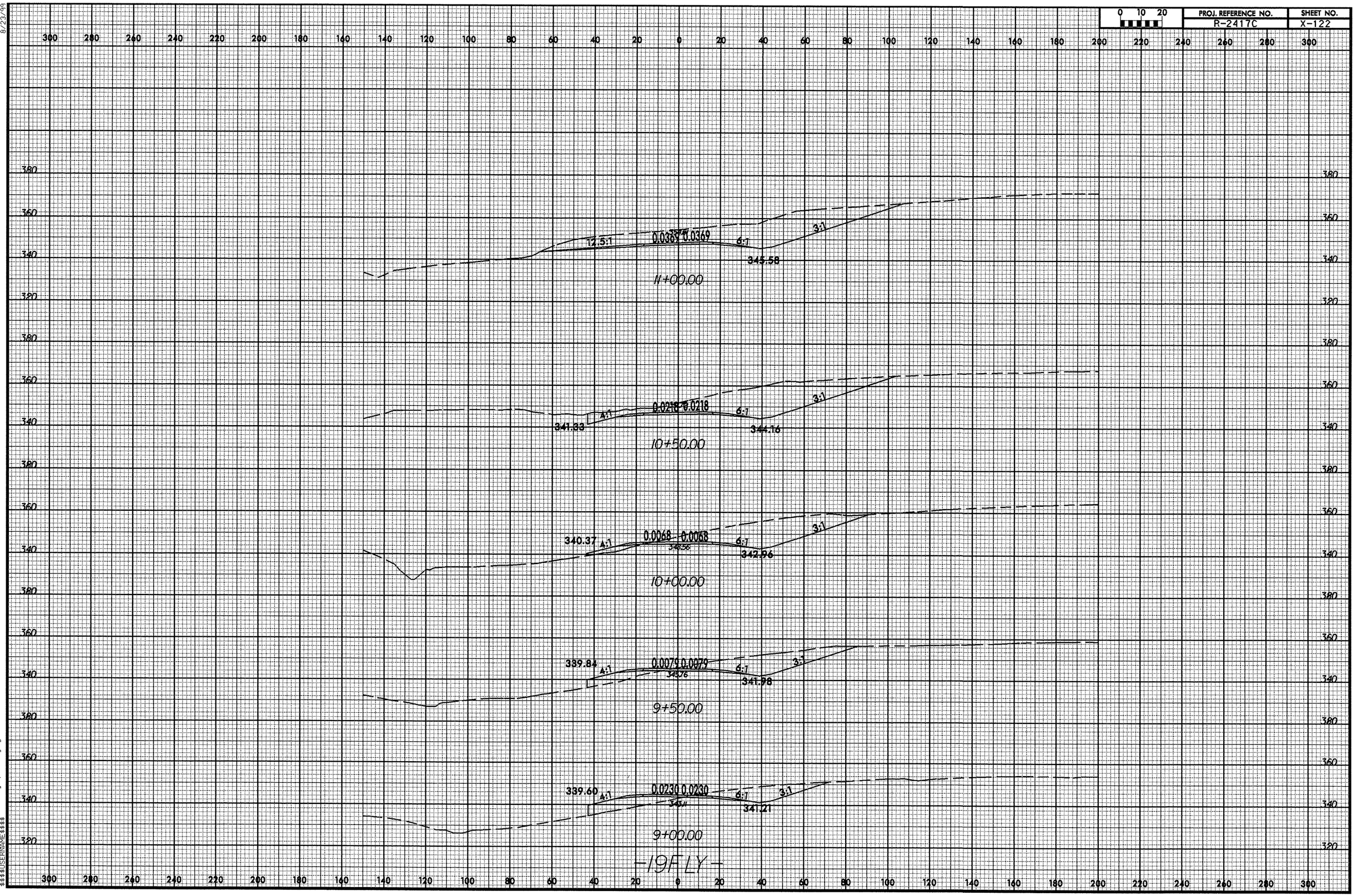


27-APR-2009 13:54
R:\Projects\XSC\r-2417c_rdy_xpl_plpd.dgn
$$$$USERNAME$$$$

-YLPD-

8/23/99

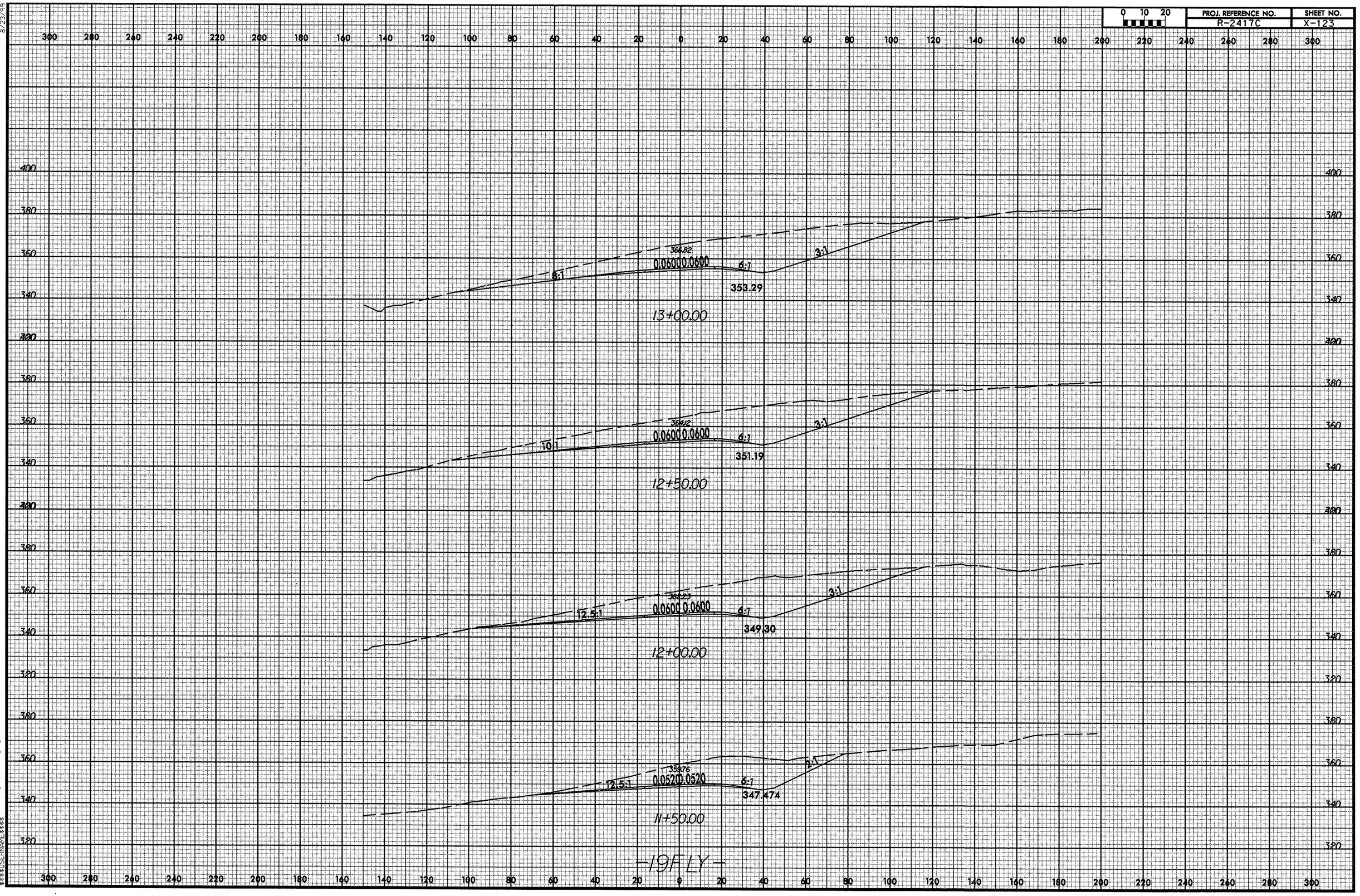
0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-122



27-APR-2009 13:54
$$$$USERNAME$$$$
R:\Projects\MSCS\r2417c_rdy_xpl_19fly.dgn

8/23/99

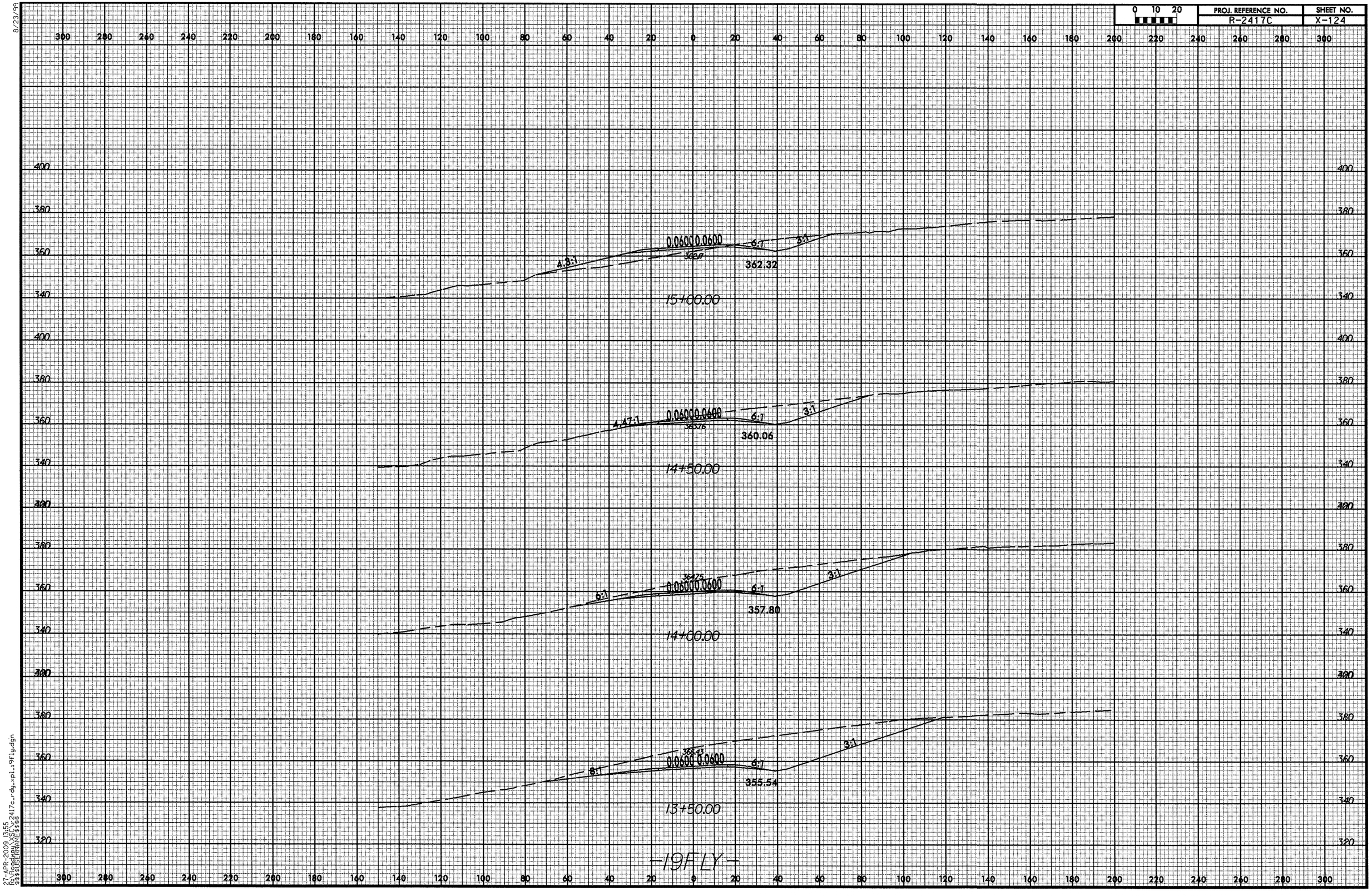
0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-123



27-APR-2009 13:54
R:\Projects\XSCV\2417c_rdy_xpl_19fly.dgn
$$$$USERNAME$$$$

8/23/99

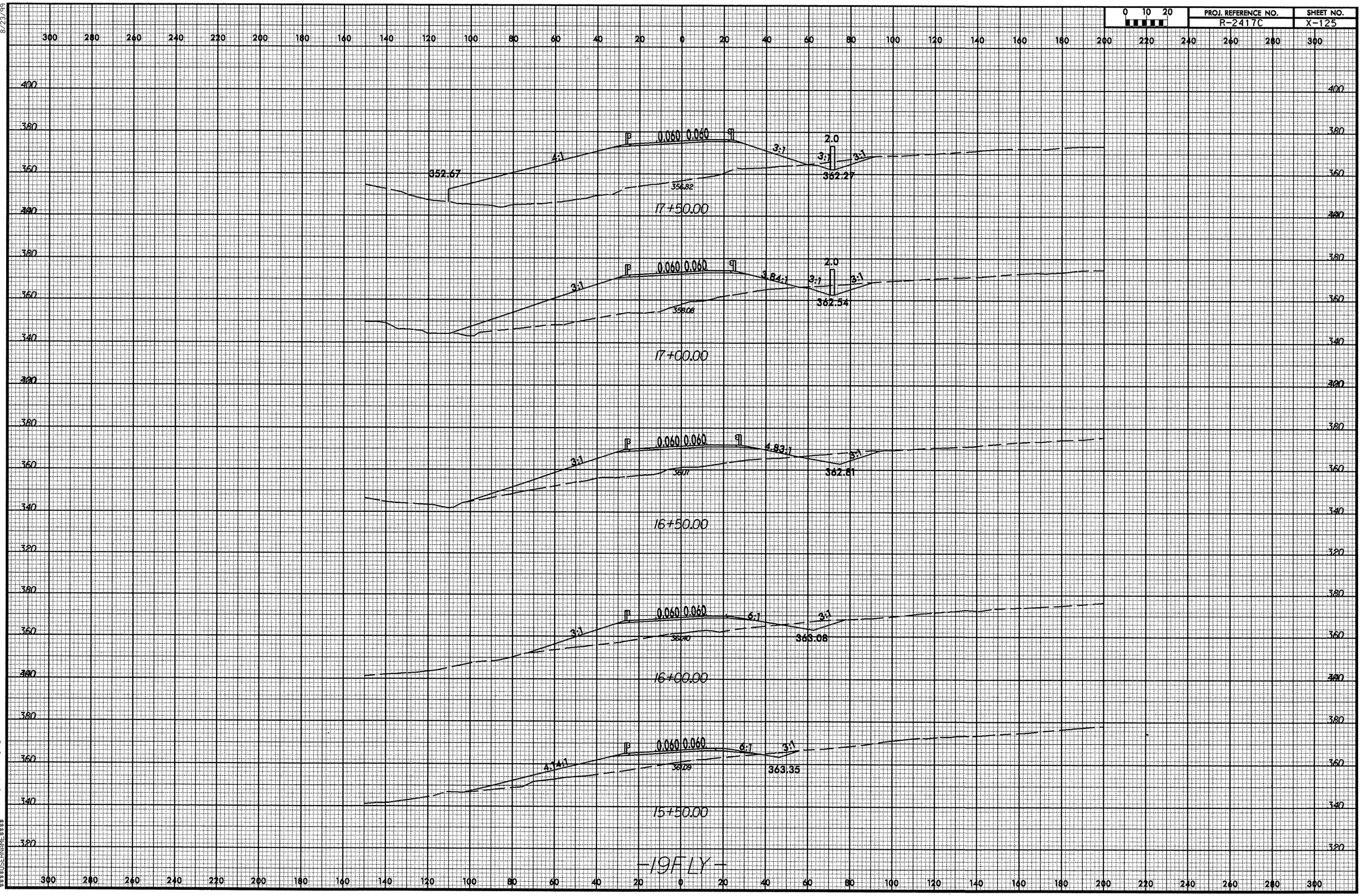
0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-124



27-APR-2009 13:55
R:\Roadway\XSCV-2417c_rdy_xpl_19fly.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-125

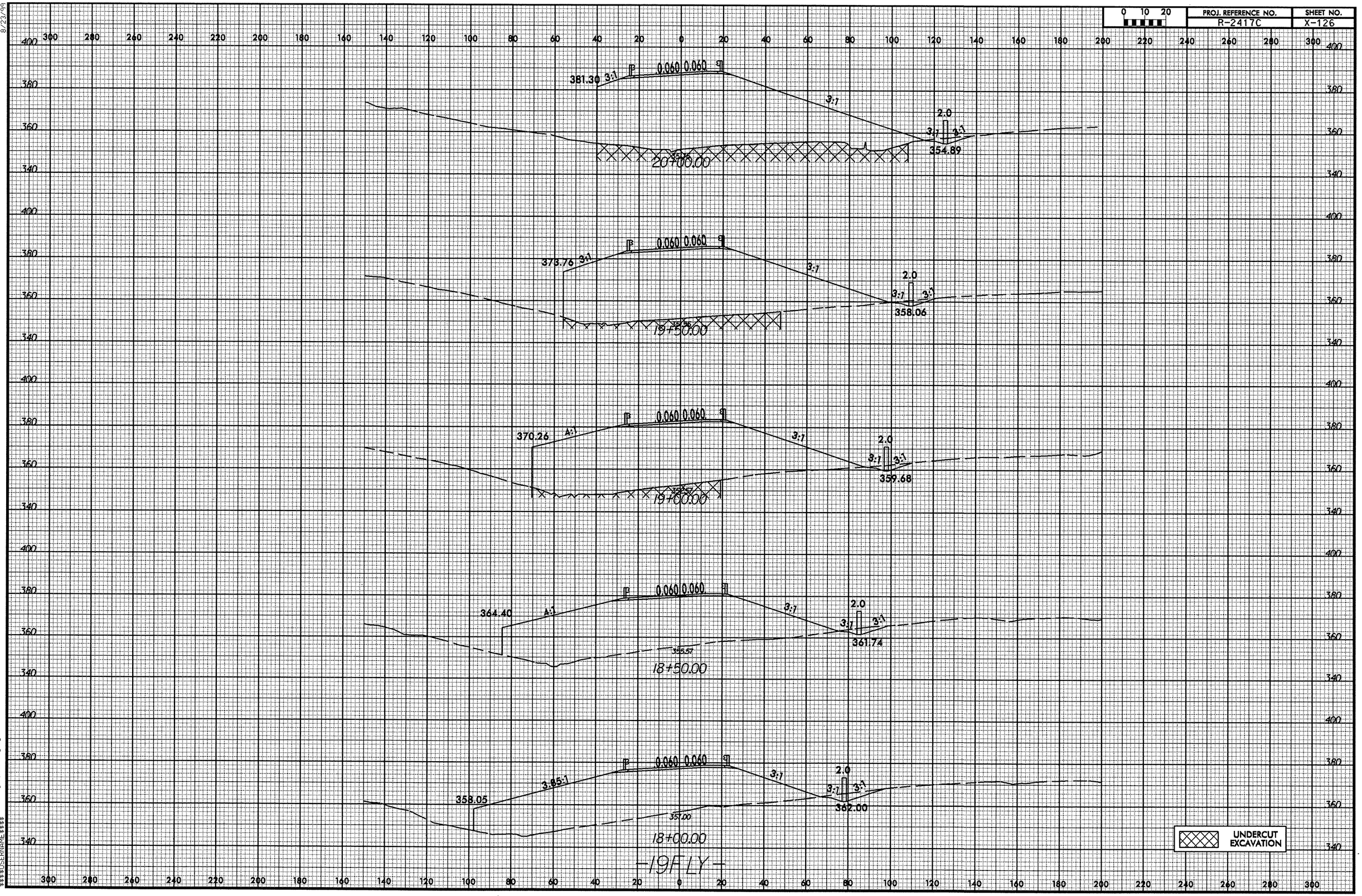


18-SEP-2009 08:47
R:\Roadway\XSC\r2417c_rdy_xpl_19fly.dgn
$$$$USERNAME$$$$

-19FLY-

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-126



18-SEP-2009 08:47
R:\Roadway\SC\r-2417c-rdy_xpl_19fly.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-127

22+00.00

21+50.00

21+00.00

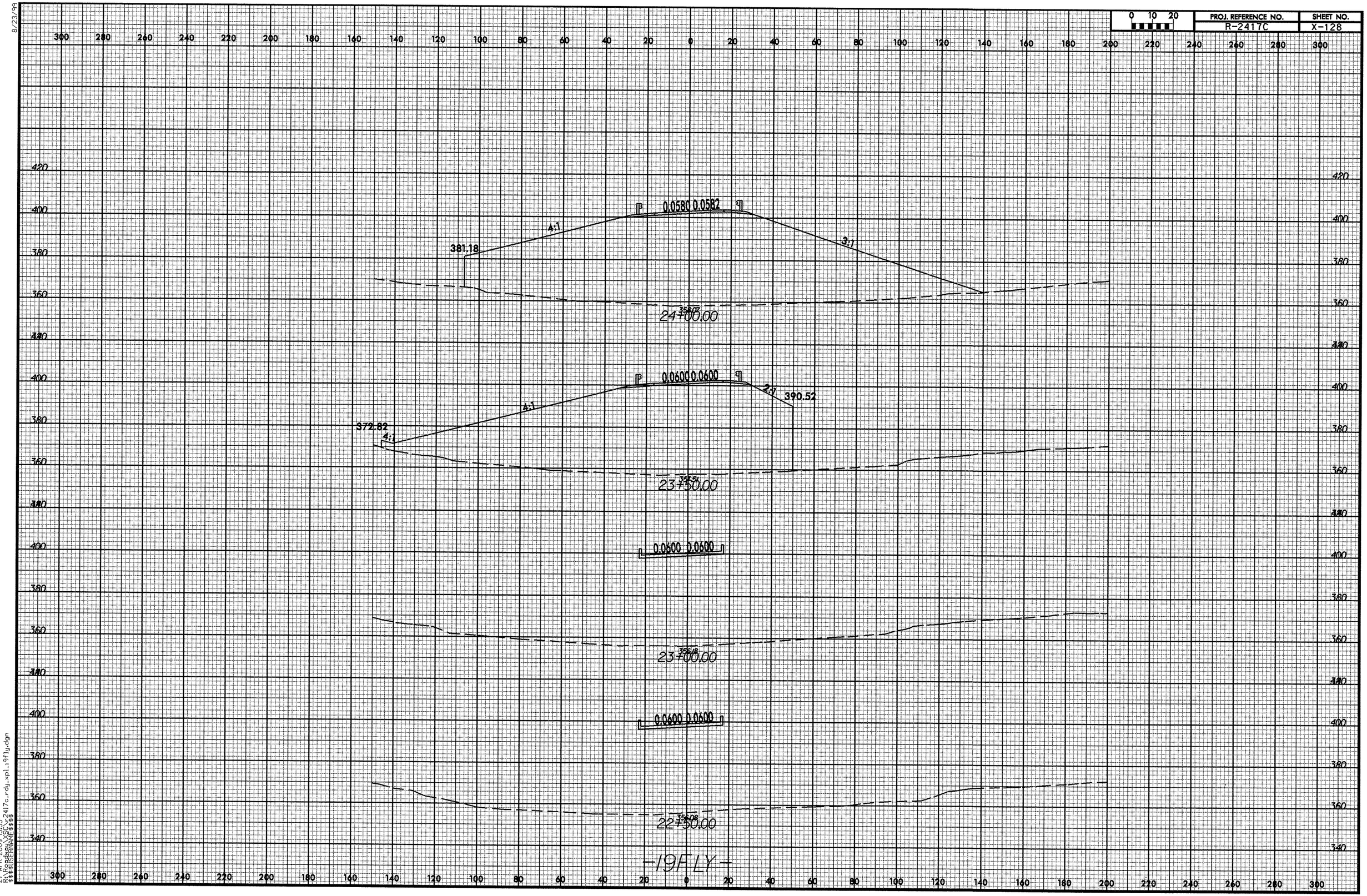
20+50.00

-19FLY-

27-APR-2009 13:55
R:\Projects\XSC\r2417c_rdy_xpl_19fly.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-128



-19F LY-

27-APR-2009 13:55
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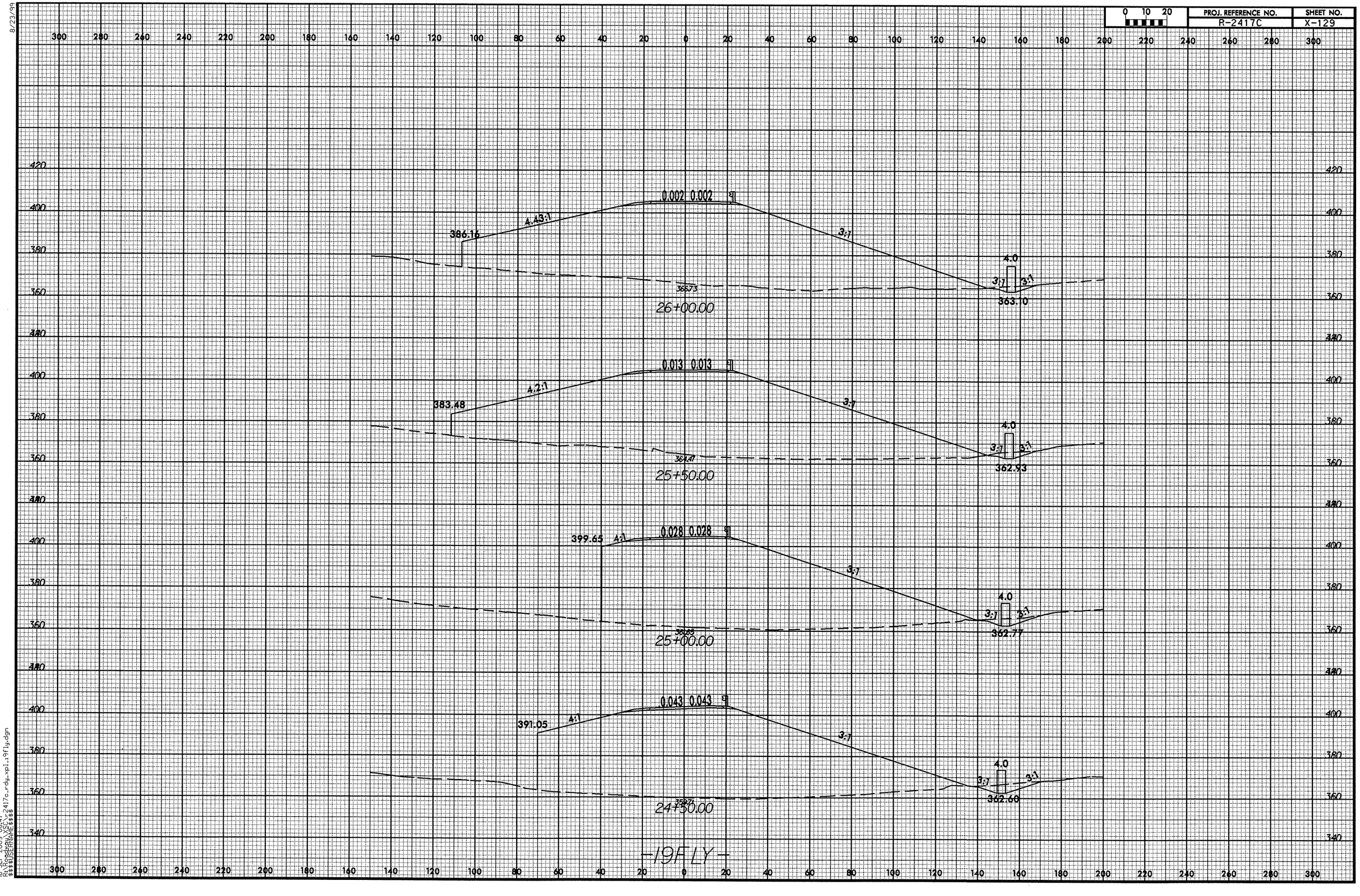
mjohnson
PROJECTNAME=$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-129



18-SEP-2009 08:47
R:\roadway\xsec\r-2417c_rdy_xpl_19fly.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-130

28+00.00

392.22 4:1 0.060 0.060 3:1 379.88

27+50.00

391.05 4:1 0.047 0.047 3:1 374.67

27+00.00

389.54 4:1 0.032 0.032 3:1 4.0 3:1 3:1 370.41 364.64

26+50.00

387.63 4:1 0.017 0.017 3:1 4.0 3:1 3:1 367.82 363.73

-19FLY-

18-SEP-2009 08:47
R:\Roadway\x$c\r2417c_rdy_xpl_19fly.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-131

-I9RPD- STA 16+05.94

0.0448 0.0434 4:1 4:1 0.0600 0.0600

3.41:1 D.P. 395.68 3:1

387.48 388.05 380.17

30+50.00

-I9RPD- STA 15+51.63

0.0590 0.0583 4.46:1 4:1 0.0600 0.0600

385.71 3:1 D.P. 394.78 3:1

383.68 375.97

30+00.00

-I9RPD- STA 14+96.91

0.0582 0.0582 5:1 4:1 0.0600 0.0600

385.02 3:1 D.P. 394.56 3:1

384.37 375.19

29+50.00

-I9RPD- STA 14+41.82

0.0574 0.0574 5.439:1 4:1 0.0600 0.0600

3:1 D.P. 393.90 3:1

384.74 374.41

29+00.00

-I9RPD- STA 13+86.35

0.0567 0.0567 5.772:1 4:1 0.0600 0.0600

3:1 D.P. 393.01 3:1

384.15

28+50.00

-I9FLY-

27-APR-2009 13:55
R:\roadeng\MXE\c2417c_rdy_xpl_19fly.dgn
$$$$USERNAME$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-132

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

420 400 380 420 400 380 420 400 380 420 400 380 420 400 380 420 400 380 420 400 380 360

3:1 4:1 390.73 6:1 0.0200 0.0000 0.0276 6:1 6:1 3:1 389.22
D.P. 393.07
33+50.00

390.58 3:1 4:1 6:1 0.0200 0.0000 0.0426 6:1 6:1 3:1 387.76
D.P. 392.59
33+00.00

-I9RPD- STA 18+17.53
3:1 4:1 390.43 5.42:1 0.0200 0.0100 0.0576 0.0576 5.67:1 4:1 3:1 386.24
D.P. 392.22
32+50.00

-I9RPD- STA 17+65.48
3:1 4:1 390.04 6.04:1 0.0015 0.0023 6:1 6:1 0.0600 0.0600 4.22:1 4:1 3:1 384.72
D.P. 396.44 393.74
32+00.00

-I9RPD- STA 17+12.91
3:1 4:1 389.64 6.07:1 0.0145 0.0134 3:1 3:1 0.0600 0.0600 3.18:1 383.21
D.P. 396.34 393.74
31+50.00

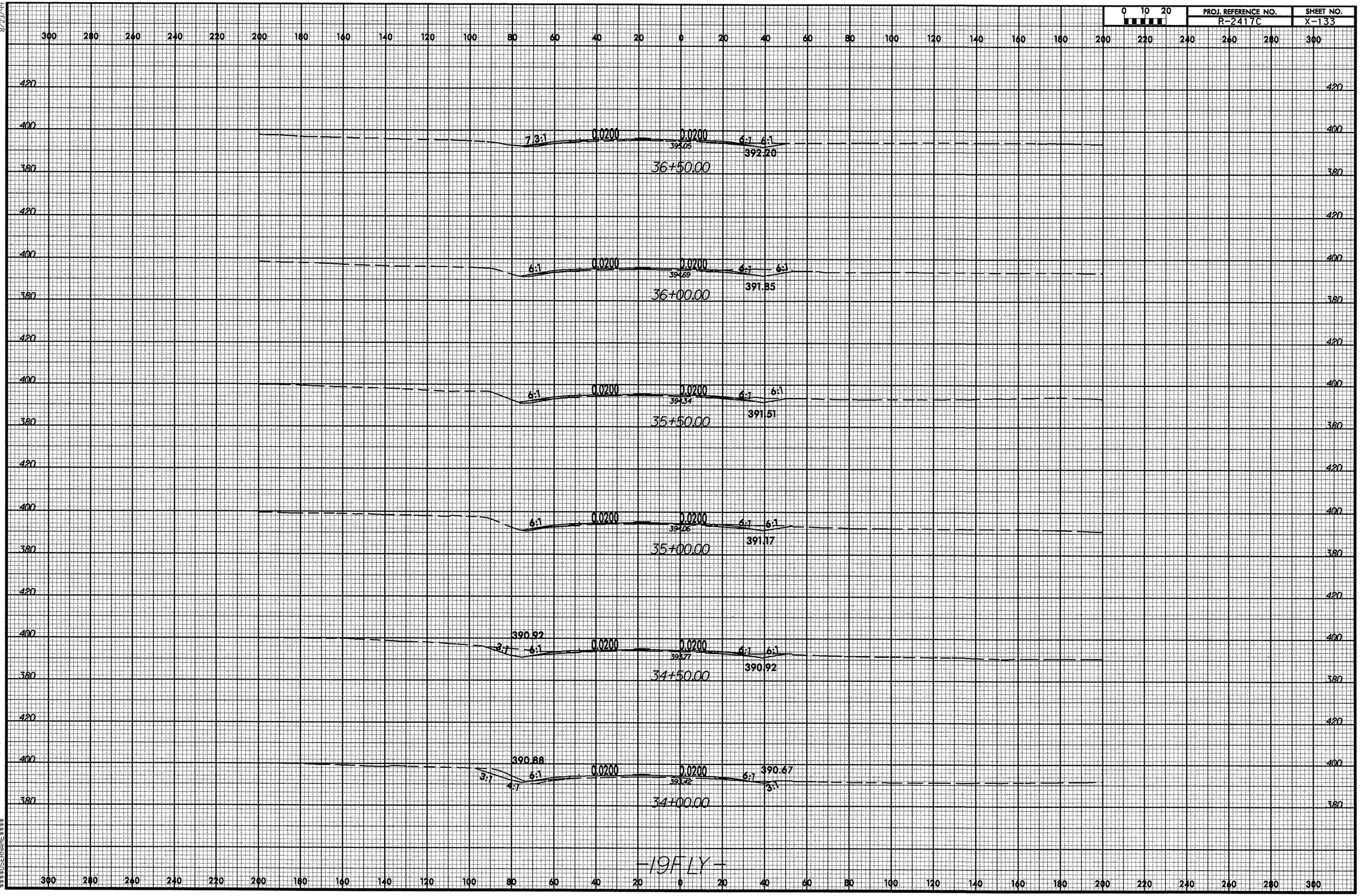
-I9RPD- STA 16+59.73
389.25 4.63:1 0.0297 0.0285 4:1 4:1 0.0600 0.0600 3:1 381.69
D.P. 396.24 390.05
31+00.00

-I9FLY-

27-APR-2009 13:55
R:\projects\2417c_rdy_xpl_19fly.dgn
$$USERNAME$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-133



27-APR-2009 13:55
R:\Projects\RAXSC\r2417c_rdy_xpl_19fly.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-134

END CONSTRUCTION STA. 38+85.00

6:1 6:1 0.0200 0.0200 5:1
393.21 396.29
38+50.00

-Y4- TIE
DRIVE TIE
0.0200 0.0200
396.01
38+00.00

392.26 0.0200 0.0200 4:1
15:1 5.9:1 394.60
37+50.00

8:1 6:1 0.0200 0.0200 6:1
392.4 395.32
37+00.00

-19FLY-

27-APR-2009 13:55
R:\Projects\XSC\r2417c_rdy_xpl_19fly.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-135

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

400
380
360

6:1 4:1 0.0548 0.0548 5.2:1 4:1 391.05
381.94 380.26 377.59

10+00.000

400
380
360

6:1 4:1 0.0600 0.0600 5:1 4:1 381.18
380.07 378.61 374.68

9+50.000

400
380
360

3:1 4:1 0.0600 0.0600 5:1 372.82
376.28 378.26

9+00.000

400
380
360

3:1 4:1 0.0600 0.0600 4.877:1
376.49 378.42 372.44

8+50.000

400
380
360

3:1 4:1 0.0600 0.0600 4:1 372.77
374.70 378.71

8+00.000

340 340

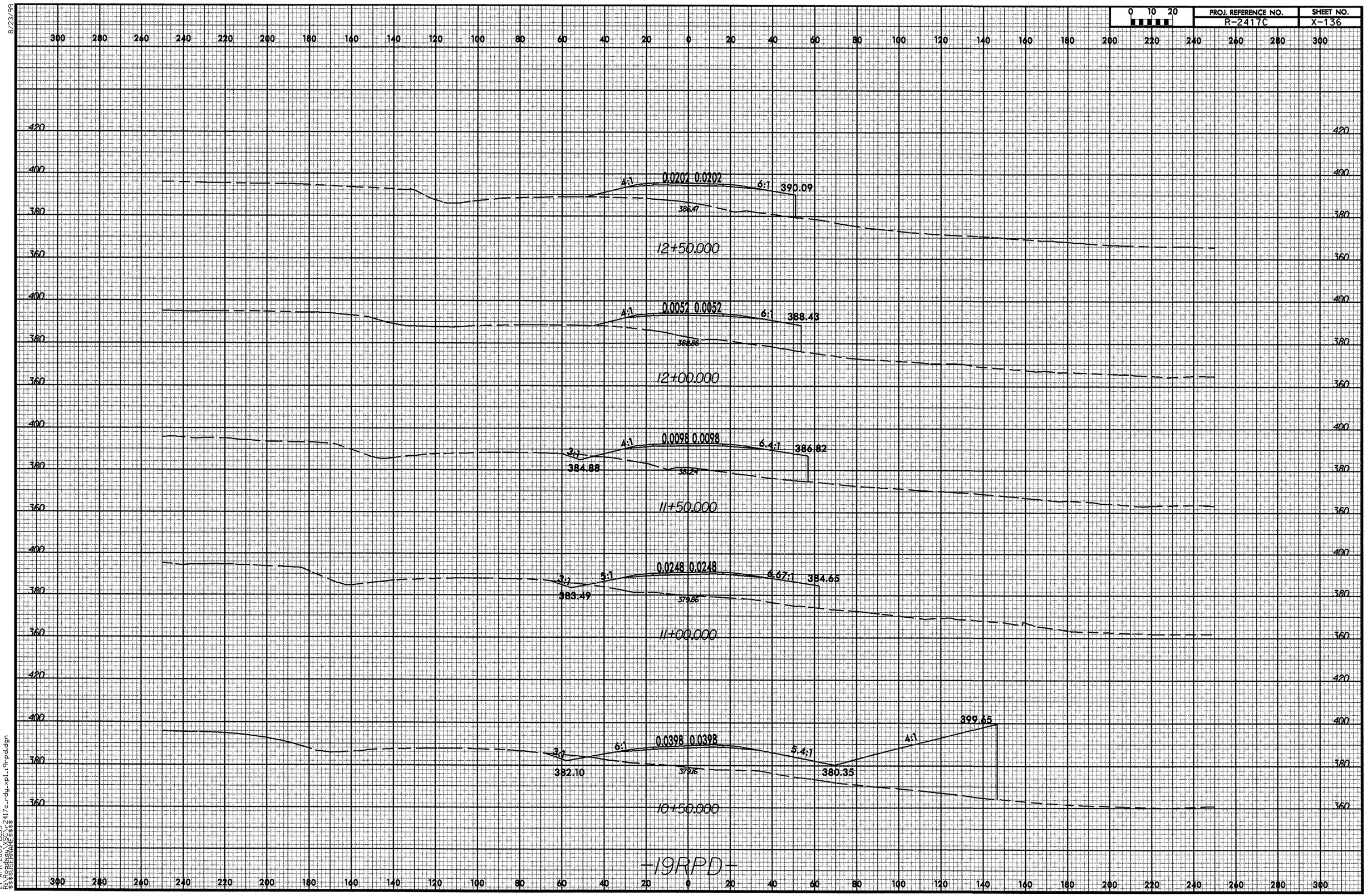
-19RPD-

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

27-APR-2009 13:55
R:\Roadway\xsec\r2417c_rdy_xpl_19rpd.dgn
$$$$USERNAME$$$$

8/23/99

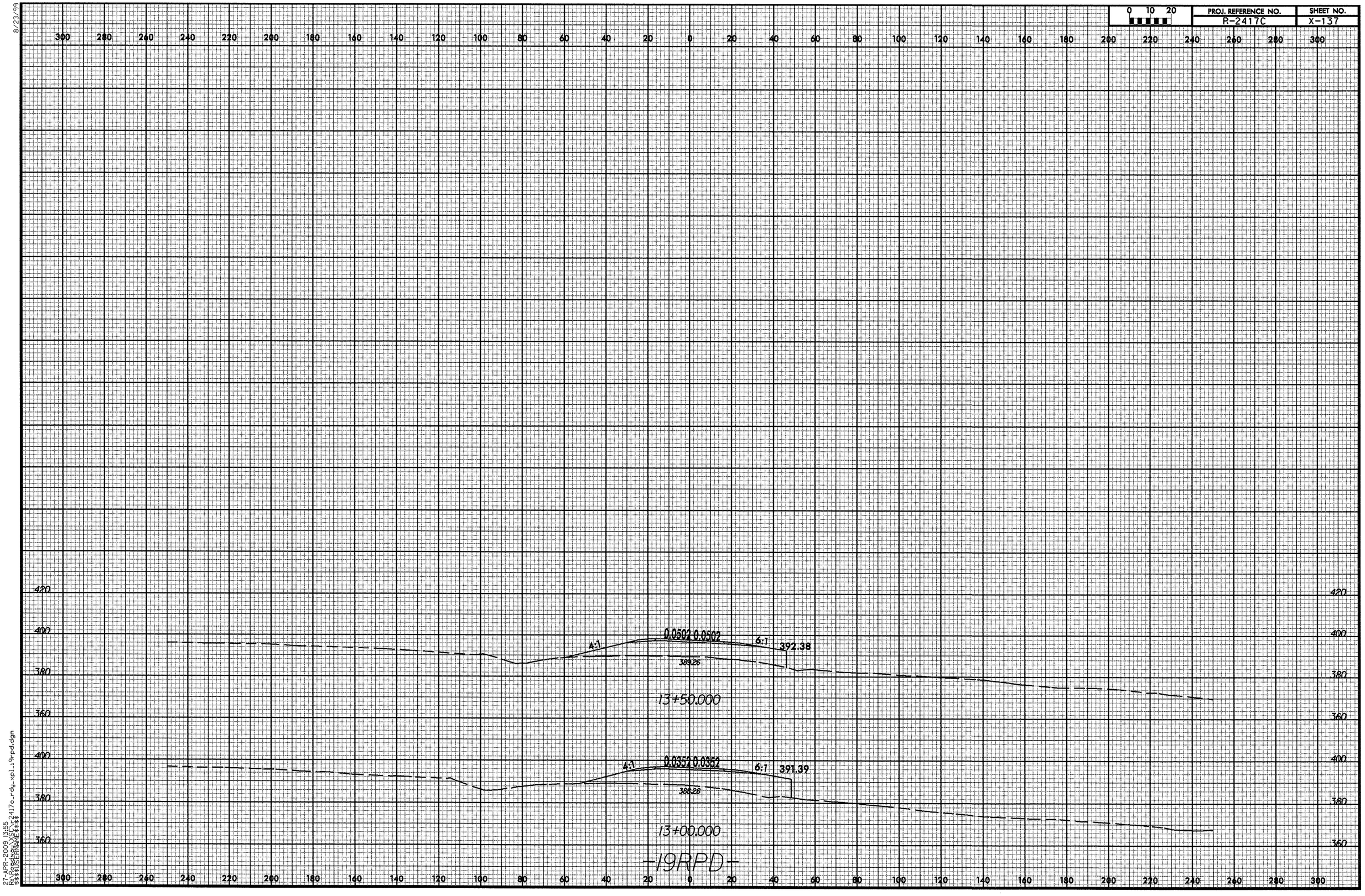
0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-136



27-APR-2009 13:55
R:\Projects\XSC\r2417c_rdy_xpl_19rpd.dgn
$$$$USERNAME$$$$

8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-137



27-APR-2009 13:55
R:\Roadway\XSCV\r2417c_rdy_xpl_19rpd.dgn
$$$$USERNAME$$$$

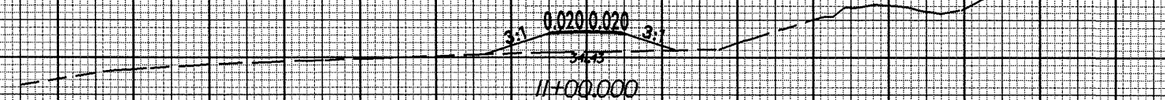
8/23/99

0 10 20	PROJ. REFERENCE NO.	SHEET NO.
	R-2417C	X-138

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

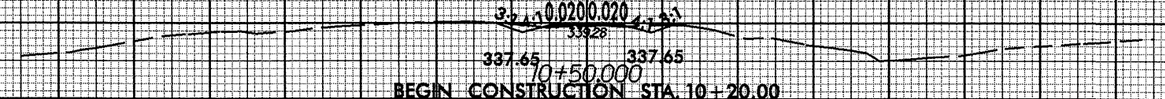
360 340 320

END CONSTRUCTION STA. 11+36.39



11+00.000

360 340 320



10+50.000

BEGIN CONSTRUCTION STA. 10+20.00

-DRI-

300 280 260 240 220 200 180 160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

05-OCT-2009 17:11
R:\RDI_Projects\R-2417c_rdy_xpl_dri.dgn
$$$$USERNAME$$$$