8/23/99

PROJ. REFERENCE NO.	SHEET NO.
W-5704E	X-0

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

INDEX OF CROSS SECTION SHEETS

–L–	SR 1700 COVERED BRIDGE RD	X–1 TO X–31
–Y1–	SR 1685 HELENA LN	X–32
–Y2–	SR 1706 LOOP RD	X–33 TO X–34
–Y3–	SR 2628/2630 WOODSTONE DR	X–35
–Y4–	SR 1705 CASTELBERRY RD	X–36 TO X–37
–Y5–	COVERED CT	X–38
–Y6–	ALDEAN DR/NASHVILLE DR	X–39
–Y7–	SR 1703/1702 SOUTH MURPHY RD/ARCHER LODGE RD	X–40 TO X–45
–Y8–	SR 1003 BUFFALO RD	X–46 TO X–50
–Y9–	CHESNEY CT	X–51
–DRW1–	PARCEL 53 DRIVEWAY	X–52
–DRW2–	PARCEL 20 DRIVEWAY	X–53
–DRW3–	HARDING CEMETERY DRIVEWAY	X–54

1/23/2026
X:\roads\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL_index.dgn
User:bevans

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

STATE OF NORTH CAROLINA

PROJ. REFERENCE NO.	SHEET NO.
W-5704E	X-0A

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

Station L (LT)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
13+00.00	0	0
13+50.00	24	0
14+00.00	59	0
14+50.00	50	1
15+00.00	25	5
15+50.00	20	11
16+00.00	25	13
16+50.00	29	14
17+00.00	31	15
17+50.00	31	17
18+00.00	16	10
18+50.00	2	7
19+00.00	0	24
19+50.00	11	28
20+00.00	23	15
20+50.00	21	16
21+00.00	16	25
21+50.00	9	31
22+00.00	6	39
22+50.00	6	44
23+00.00	15	38
23+50.00	34	18
24+00.00	39	8
24+50.00	31	15
25+00.00	39	13
25+50.00	49	6
26+00.00	58	4
26+50.00	79	2
27+00.00	79	4
27+50.00	57	5
28+00.00	56	2
28+50.00	54	1
29+00.00	24	1
29+50.00	15	2
30+00.00	20	3
30+50.00	11	6
31+00.00	5	23
31+50.00	6	44
32+00.00	8	52
32+50.00	6	44
33+00.00	8	31
33+50.00	27	30
34+00.00	22	18
34+50.00	0	3
35+00.00	44	9
35+50.00	89	10
36+00.00	85	6
36+50.00	72	7
37+00.00	59	21
37+50.00	50	41
38+00.00	40	58
38+50.00	45	65
39+00.00	43	46
39+50.00	22	33
40+00.00	16	33
40+50.00	21	16
41+00.00	22	6
41+50.00	22	7
42+00.00	14	3

Station L (RT)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
13+00.00	0	0
13+50.00	9	2
14+00.00	25	3
14+50.00	40	3
15+00.00	56	3
15+50.00	63	6
16+00.00	56	5
16+50.00	56	3
17+00.00	64	3
17+50.00	67	0
18+00.00	59	0
18+50.00	58	0
19+00.00	55	2
19+50.00	39	10
20+00.00	32	22
20+50.00	34	31
21+00.00	28	35
21+50.00	11	30
22+00.00	9	25
22+50.00	19	27
23+00.00	40	34
23+50.00	68	52
24+00.00	58	64
24+50.00	29	69
25+00.00	16	68
25+50.00	16	56
26+00.00	19	38
26+50.00	18	22
27+00.00	20	12
27+50.00	25	7
28+00.00	22	7
28+50.00	29	6
29+00.00	31	6
29+50.00	13	6
30+00.00	19	2
30+50.00	38	0
31+00.00	27	3
31+50.00	23	16
32+00.00	30	20
32+50.00	24	15
33+00.00	29	18
33+50.00	53	19
34+00.00	37	8

Station L (RT)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
34+50.00	3	8
35+00.00	49	18
35+50.00	89	20
36+00.00	65	29
36+50.00	36	41
37+00.00	23	49
37+50.00	34	51
38+00.00	44	52
38+50.00	22	90
39+00.00	0	107
39+50.00	0	87
40+00.00	0	87
40+50.00	0	91
41+00.00	0	89
41+50.00	7	82
42+00.00	7	40

Station Y1	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
14+50.00	0	0
14+93.61	32	17

Station Y2	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+22.00	0	0
10+50.00	46	4
11+00.00	108	9
11+50.00	98	30
12+00.00	89	35
12+50.00	63	71
13+00.00	32	87
13+25.00	11	20

Station DRW2	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+18.00	0	0
10+50.00	3	14
11+00.00	14	0
11+50.00	18	0
11+70.00	6	0

Station Y3	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
15+00.00	0	0
15+37.16	34	1

Station Y3	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
15+81.16	0	0
16+00.00	37	2
16+50.00	83	6

Station L (LT)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
42+00.00	0	0
42+50.00	55	0
43+00.00	82	0
43+50.00	83	0
44+00.00	82	0
44+50.00	85	0
45+00.00	36	2
45+50.00	0	9
46+00.00	32	17
46+50.00	57	19
47+00.00	34	42
47+50.00	18	54
48+00.00	16	35
48+50.00	15	21
49+00.00	16	15
49+50.00	24	10
50+00.00	34	6
50+50.00	22	9
51+00.00	4	11
51+50.00	0	7
52+00.00	0	4
52+50.00	6	1
53+00.00	9	0
53+50.00	4	10
54+00.00	23	31
54+50.00	44	53
55+00.00	32	64
55+50.00	22	65
56+00.00	25	49
56+50.00	29	25
57+00.00	26	19
57+50.00	22	14
58+00.00	39	6
58+50.00	68	3
59+00.00	92	1
59+50.00	110	0
60+00.00	87	0
60+50.00	57	0
61+00.00	53	2
61+50.00	41	6
62+00.00	26	12
62+50.00	19	18
63+00.00	25	24
63+50.00	15	27
64+00.00	4	13
64+50.00	4	6

Station L (LT)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
65+00.00	1	21
65+50.00	15	15
66+00.00	17	2
66+50.00	3	16
67+00.00	0	31
67+50.00	0	31
68+00.00	0	43
68+50.00	0	43
69+00.00	0	29
69+50.00	0	31
70+00.00	0	27
70+50.00	0	10

Station L (RT)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
42+00.00	0	57
42+50.00	0	97
43+00.00	0	64
43+50.00	1	34
44+00.00	6	10
44+50.00	18	2
45+00.00	31	18
45+50.00	34	33
46+00.00	37	32
46+50.00	34	29
47+00.00	24	44
47+50.00	35	43
48+00.00	38	31
48+50.00	21	44
49+00.00	12	50
49+50.00	6	35
50+00.00	10	14
50+50.00	18	6
51+00.00	24	6
51+50.00	31	4
52+00.00	42	7
52+50.00	47	10
53+00.00	22	6
53+50.00	15	12
54+00.00	30	20
54+50.00	26	18
55+00.00	26	18
55+50.00	27	25
56+00.00	26	25
56+50.00	22	19
57+00.00	17	21
57+50.00	13	27
58+00.00	13	21
58+50.00	16	11
59+00.00	17	6
59+50.00	24	2
60+00.00	28	1

Station L (RT)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
60+50.00	35	2
61+00.00	56	4
61+50.00	57	5
62+00.00	40	6
62+50.00	23	13
63+00.00	27	26
63+50.00	33	44
64+00.00	27	53
64+50.00	25	54
65+00.00	29	47
65+50.00	35	22
66+00.00	27	8
66+50.00	23	8
67+00.00	37	5
67+50.00	43	2
68+00.00	59	0
68+50.00	66	2
69+00.00	56	7
69+50.00	53	6
70+00.00	25	5
70+50.00	1	6

Station Y4	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
10+34.00	0	0
10+50.00	16	11
11+00.00	35	46
11+50.00	69	58
12+00.00	94	54
12+50.00	86	56
13+00.00	68	53
13+50.00	44	42
14+00.00	31	34
14+50.00	28	19

Station Y5	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
15+00.00	0	0
15+42.30	92	0

Station Y6	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
14+50.00	0	0
14+97.55	53	1

Station Y6	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)
15+57.55	0	0
16+00.00	6	2

PROJ. REFERENCE NO.	SHEET NO.
W-5704E	X-0B

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

STATE OF NORTH CAROLINA

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

Station	Uncl. Exc.	Embt
Y7	(cu. yd.)	(cu. yd.)
11+50.00	0	0
12+00.00	14	5
12+50.00	39	0
13+00.00	49	5
13+50.00	29	25
14+00.00	15	55
14+50.00	13	61
15+00.00	6	38
15+10.15	2	4

Station	Uncl. Exc.	Embt
Y7	(cu. yd.)	(cu. yd.)
15+59.69	0	0
16+00.00	53	62
16+50.00	91	98
17+00.00	77	147
17+50.00	65	161
18+00.00	64	124
18+50.00	90	62
19+00.00	141	15
19+50.00	181	5
20+00.00	189	18
20+50.00	204	31
21+00.00	173	30
21+50.00	111	67
22+00.00	88	117
22+50.00	72	101
23+00.00	90	70
23+50.00	113	57
24+00.00	124	34
24+50.00	169	28
25+00.00	195	35
25+50.00	185	28
25+82.48	159	16

Station	Uncl. Exc.	Embt
Y9	(cu. yd.)	(cu. yd.)
14+00.00	0	0
14+50.00	39	0
15+00.00	23	0
15+15.89	3	14

Station	Uncl. Exc.	Embt
DRW1	(cu. yd.)	(cu. yd.)
11+25.00	0	0
11+50.00	1	1
11+88.08	1	1

Station	Uncl. Exc.	Embt
DRW3	(cu. yd.)	(cu. yd.)
10+18.00	0	0
10+50.00	0	83
11+00.00	13	45
11+06.99	3	0

Station	Uncl. Exc.	Embt
L (LT)	(cu. yd.)	(cu. yd.)
70+50.00	0	0
71+00.00	2	11
71+50.00	2	13
72+00.00	1	15
72+50.00	0	14
73+00.00	0	17
73+50.00	0	18
74+00.00	0	12
74+50.00	1	6
75+00.00	6	2
75+50.00	5	5
76+00.00	0	22
76+50.00	0	66
77+00.00	0	82
77+50.00	0	53
78+00.00	0	39
78+50.00	0	42
79+00.00	0	37
79+50.00	0	31
80+00.00	0	31
80+50.00	0	44
81+00.00	0	52
81+50.00	0	31
82+00.00	0	14

Station	Uncl. Exc.	Embt
L (RT)	(cu. yd.)	(cu. yd.)
70+50.00	0	10
71+00.00	12	46
71+50.00	26	69
72+00.00	23	80
72+50.00	21	100
73+00.00	29	119
73+50.00	23	132
74+00.00	6	120
74+50.00	17	93
75+00.00	41	81
75+50.00	24	85
76+00.00	0	97
76+50.00	0	168
77+00.00	17	177
77+50.00	27	119
78+00.00	19	102
78+50.00	19	93

Station	Uncl. Exc.	Embt
L (RT)	(cu. yd.)	(cu. yd.)
79+00.00	17	93
79+50.00	15	83
80+00.00	15	69
80+50.00	10	82
81+00.00	4	103
81+50.00	6	84
82+00.00	6	31

Station	Uncl. Exc.	Embt
Y8	(cu. yd.)	(cu. yd.)
12+00.00	0	0
12+50.00	82	1
13+00.00	90	7
13+50.00	84	14
14+00.00	80	17
14+50.00	83	46
14+55.00	7	6
15+00.00	56	18
15+20.84	19	15

Station	Uncl. Exc.	Embt
Y8	(cu. yd.)	(cu. yd.)
15+76.51	0	0
16+00.00	0	17
16+50.00	1	19
17+00.00	2	11
17+50.00	14	7
18+00.00	23	8
18+50.00	19	11
19+00.00	19	11
19+50.00	23	9
20+00.00	27	8
20+50.00	15	6
21+00.00	5	1

Station	Uncl. Exc.	Embt
L (LT)	(cu. yd.)	(cu. yd.)
82+00.00	0	0
82+50.00	0	6
83+00.00	42	19
83+50.00	79	27
84+00.00	51	18
84+50.00	31	11
85+00.00	37	10
85+50.00	36	10
86+00.00	27	7
86+50.00	28	4
87+00.00	17	18
87+50.00	19	19
88+00.00	37	6

Station	Uncl. Exc.	Embt
L (LT)	(cu. yd.)	(cu. yd.)
88+50.00	43	6
89+00.00	47	6
89+50.00	40	5
90+00.00	42	4
90+50.00	46	3
91+00.00	36	5
91+50.00	26	5
91+65.66	10	1

Station	Uncl. Exc.	Embt
L (RT)	(cu. yd.)	(cu. yd.)
82+00.00	0	0
82+50.00	0	19
83+00.00	3	37
83+50.00	15	35
84+00.00	67	22
84+50.00	157	18
85+00.00	219	15
85+50.00	229	14
86+00.00	218	16
86+50.00	151	19
87+00.00	56	28
87+50.00	33	28
88+00.00	38	14
88+50.00	39	6
89+00.00	50	4
89+50.00	58	3
90+00.00	68	1
90+50.00	65	2
91+00.00	63	3
91+50.00	60	1
91+65.66	21	0

6/23/16

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-1

DRIVEWAY 1.3 %

0.025 0.025

3:1 3:1 3:1 3:1

333.25 336.04 333.25

14+00.00

0.025 0.025

3:1 3:1 3:1 3:1

333.40 336.02 333.40

13+50.00

BEGIN PROJECT
–L– STA. 13+00.00

335.91
13+00.00

335.76
12+50.00

335.55
12+00.00

335.15
11+50.00

334.63
11+00.00

334.17
10+50.00

–L–

10/30/2024
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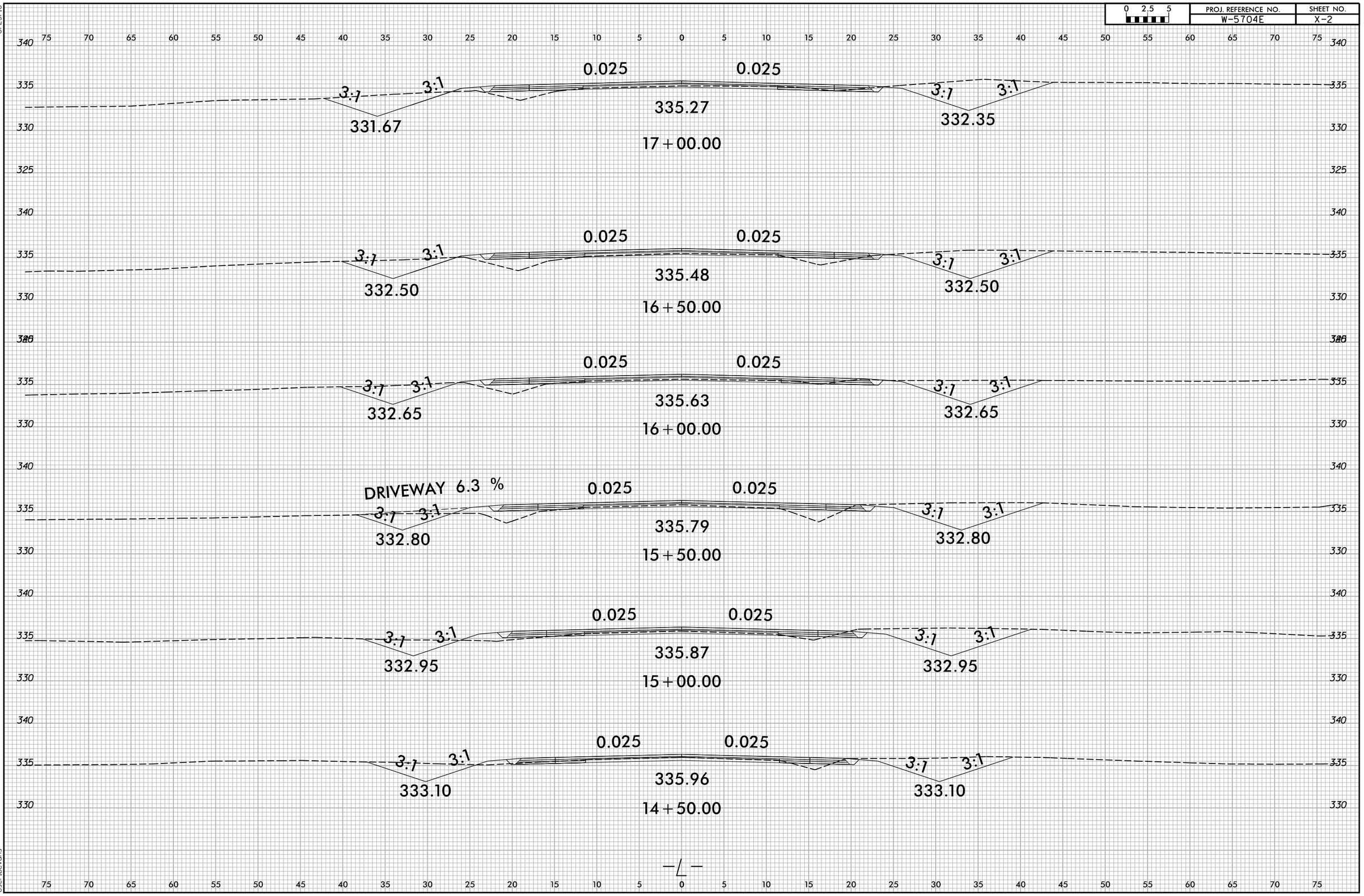
6/23/16

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-2



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0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-3

DRIVEWAY 10.4 %

0.038 0.038

3:1 3:1 3:1 3:1

329.57 333.12 331.46

20+00.00

0.025 0.021

3:1 3:1 3:1 3:1

329.92 333.61 331.61

19+50.00

0.025 0.004

3:1 3:1 3:1

S.S. 331.84 334.06 331.76

19+00.00

0.025 0.012

4:1 3:1 3:1

334.44 331.91

18+50.00

0.025 0.025 DRIVEWAY 0.3 %

3:1 3:1

334.81 332.06

18+00.00

0.025 0.025

3:1 3:1 3:1 3:1

330.84 335.06 332.20

17+50.00

10/11/2024
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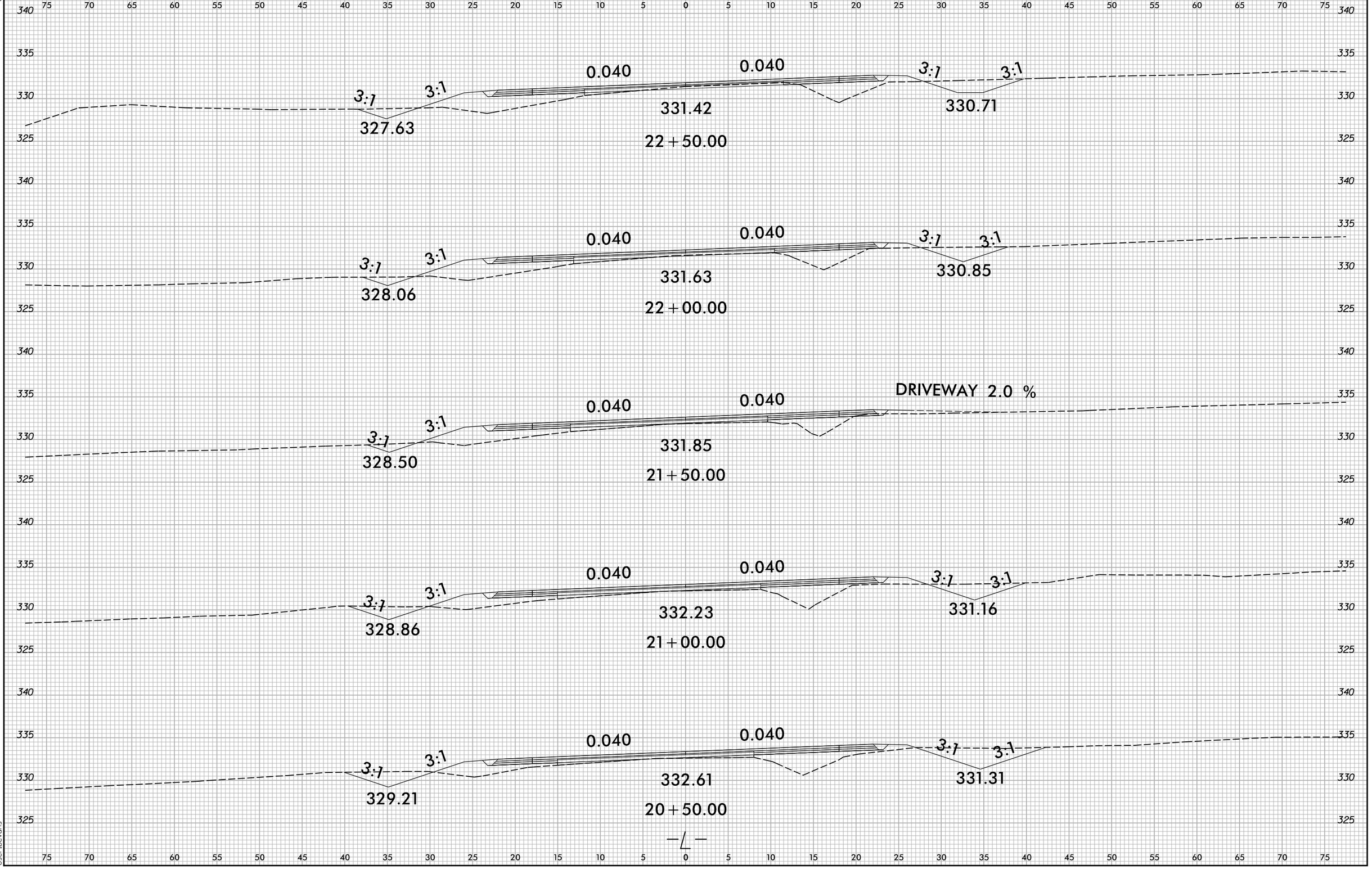
6/23/16

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-4



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User:Bevans

6/23/16

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-5

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

340 335 330 325 320

3:1 3:1 0.030 0.032 3:1 3:1

329.46 331.98 328.95

25+00.00

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

328.76 331.60 328.51

24+50.00

DRIVEWAY 1.4 %

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

328.17 331.32 328.06

24+00.00

DRIVEWAY 1.3 %

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

328.32 331.21 327.62

23+50.00

3:1 0.040 0.040 3:1 3:1

331.22 328.84

23+00.00

—L—

10/11/2024
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0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
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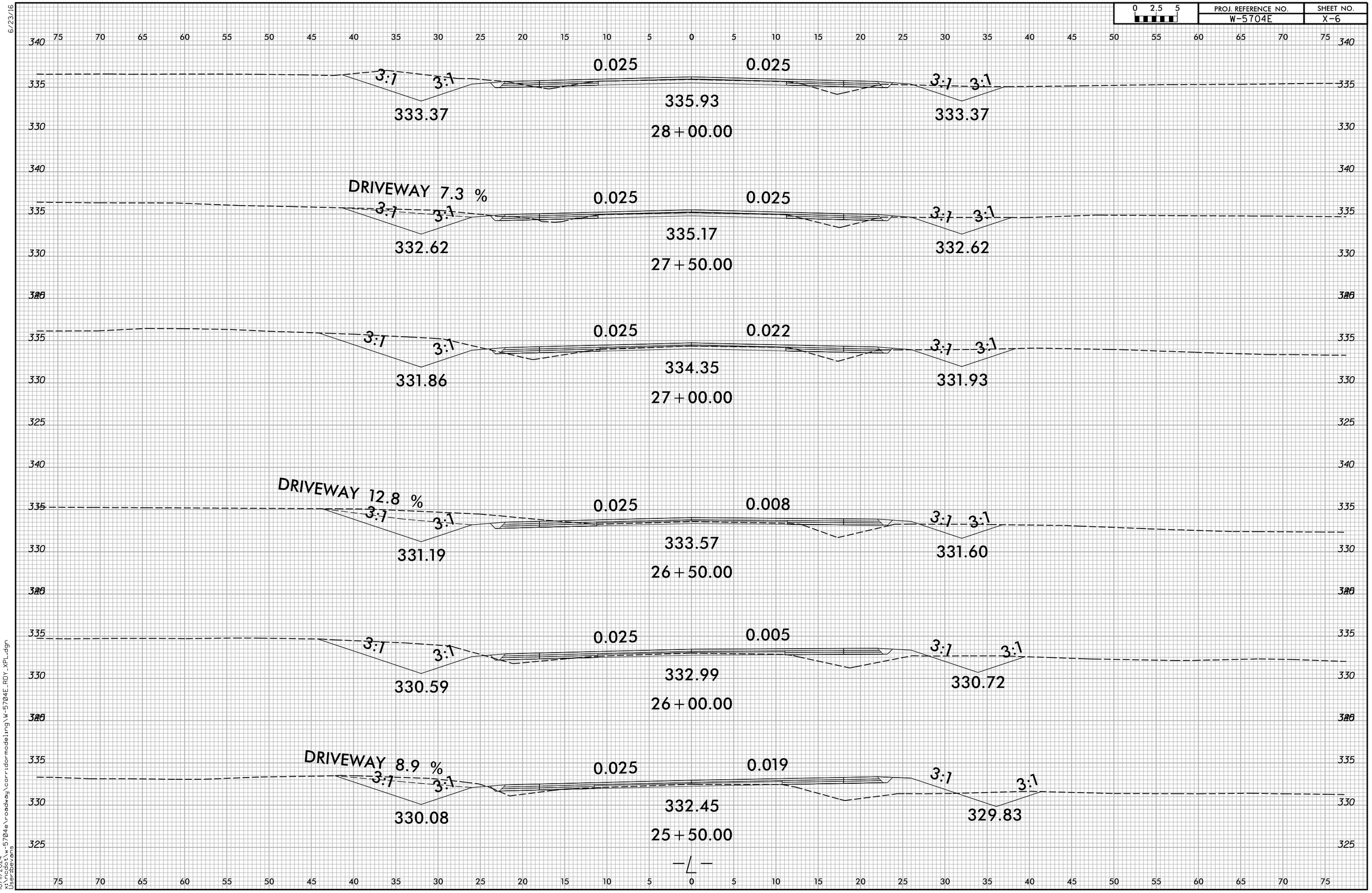

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User:bevans

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0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-7

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

345 340 335 330

DRIVEWAY 9.1 %

0.025 0.025 3:1 3:1

338.08
31+00.00
335.44

0.025 0.025 3:1 3:1 3:1 3:1

338.04
30+50.00
335.63 335.63

0.025 0.025 3:1 3:1 3:1 3:1

337.82
30+00.00
335.38 335.38

0.025 0.025 3:1 3:1 3:1 3:1

337.46
29+50.00
335.03 335.03

0.025 0.025 3:1 3:1 3:1 3:1

337.06
29+00.00
334.58 334.58

0.025 0.025 3:1 3:1 3:1 3:1

336.55
28+50.00
334.03 334.03

10/11/2024
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User:bevans

6/23/16

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-8

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

345 340 335 330

0.025 0.024
338.09
34+00.00

3:1 3:1 3:1 3:1
0.025 0.025
335.02 338.15 334.93
33+50.00

3:1 3:1 3:1 3:1
0.025 0.025
336.29 338.14 335.60
33+00.00

3:1 3:1 3:1 3:1
0.025 0.025
335.72 338.12 336.26
32+50.00

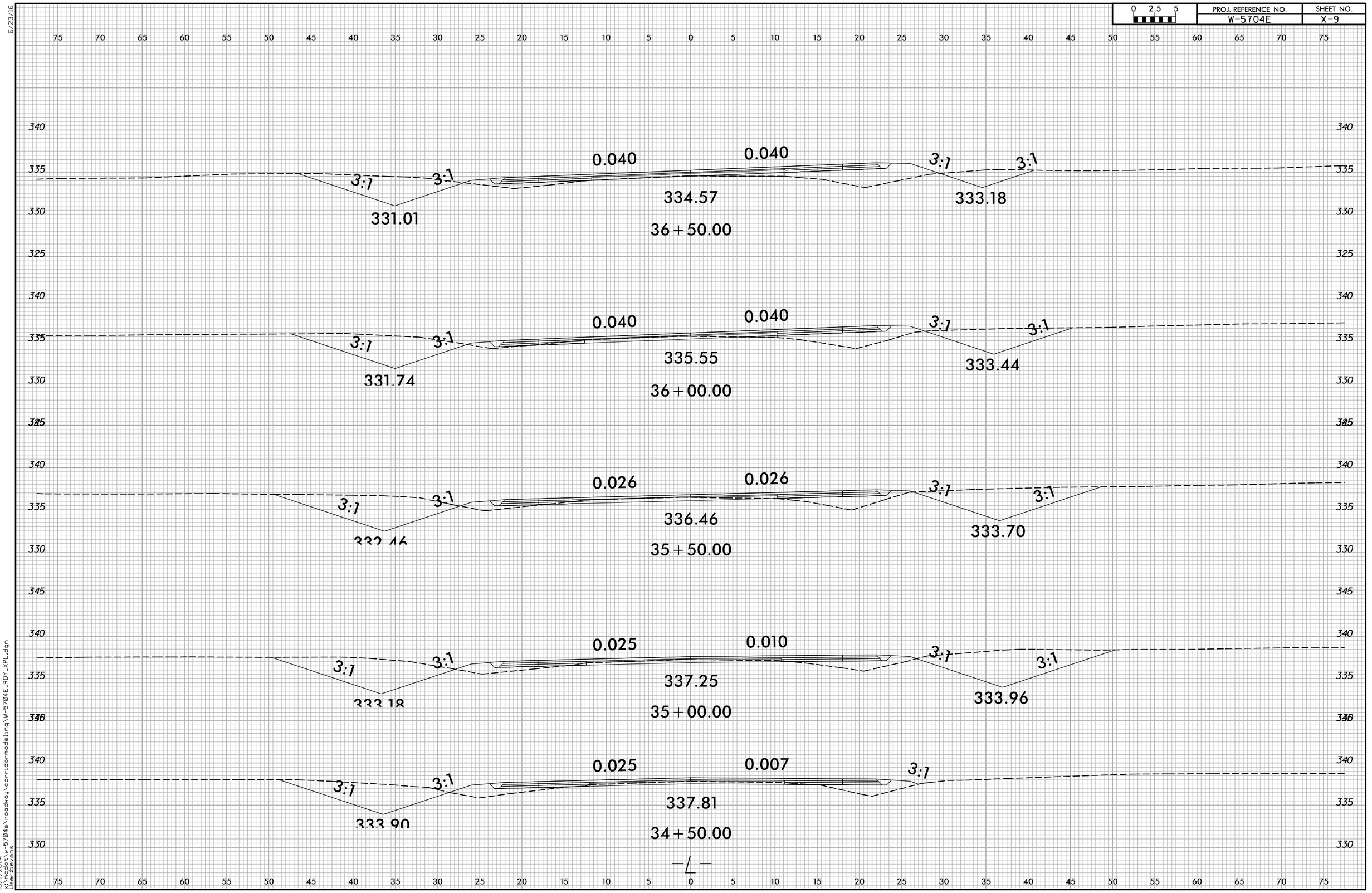
DRIVEWAY 0.6 %
3:1 3:1 3:1 3:1
0.025 0.025
335.14 338.09 335.83
32+00.00

3:1 3:1 3:1 3:1
0.025 0.025
334.57 338.04 335.40
31+50.00

10/11/2024
x:\ncdot\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL.dgn
User:bevans

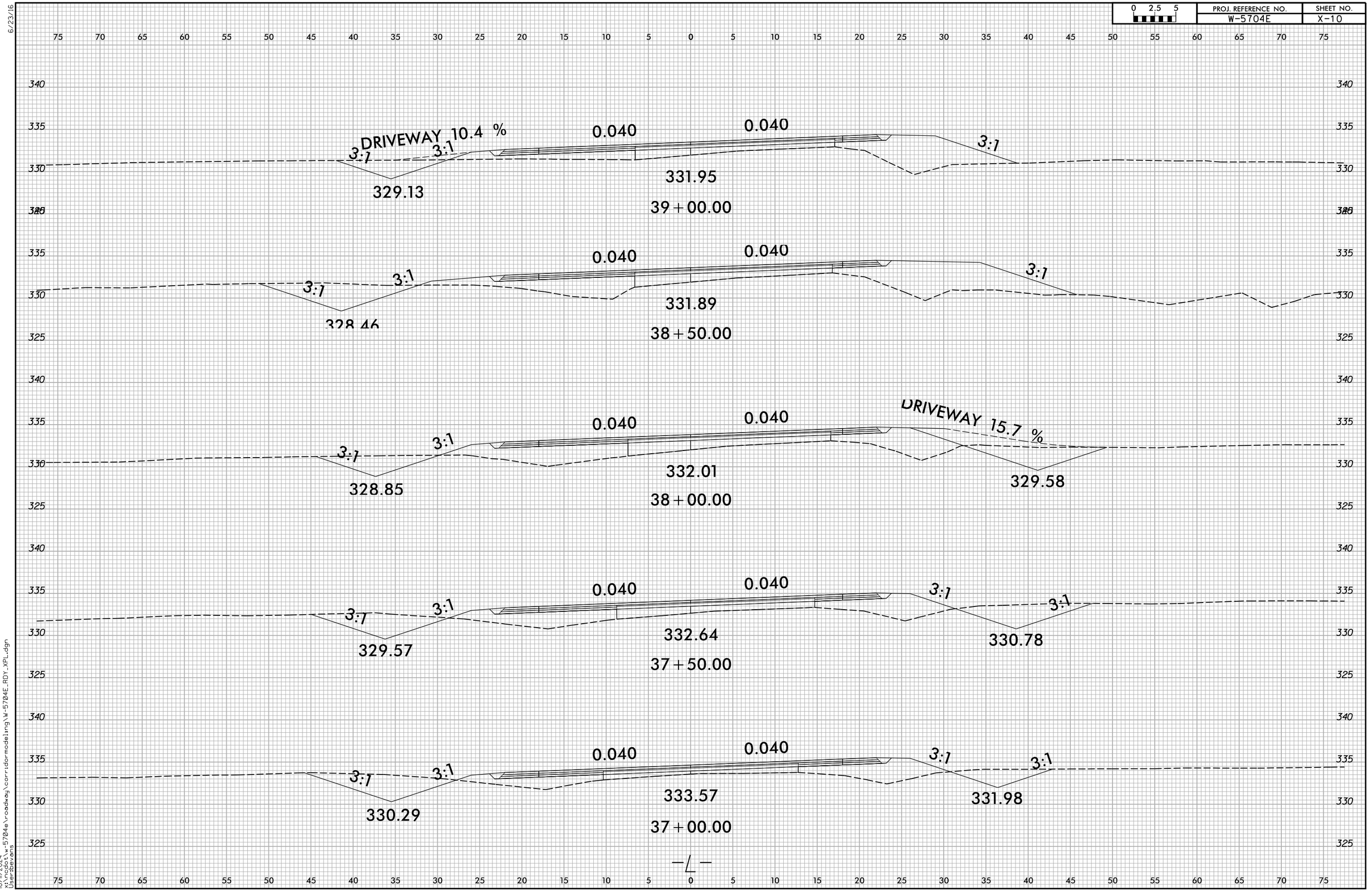
6/23/16

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-9

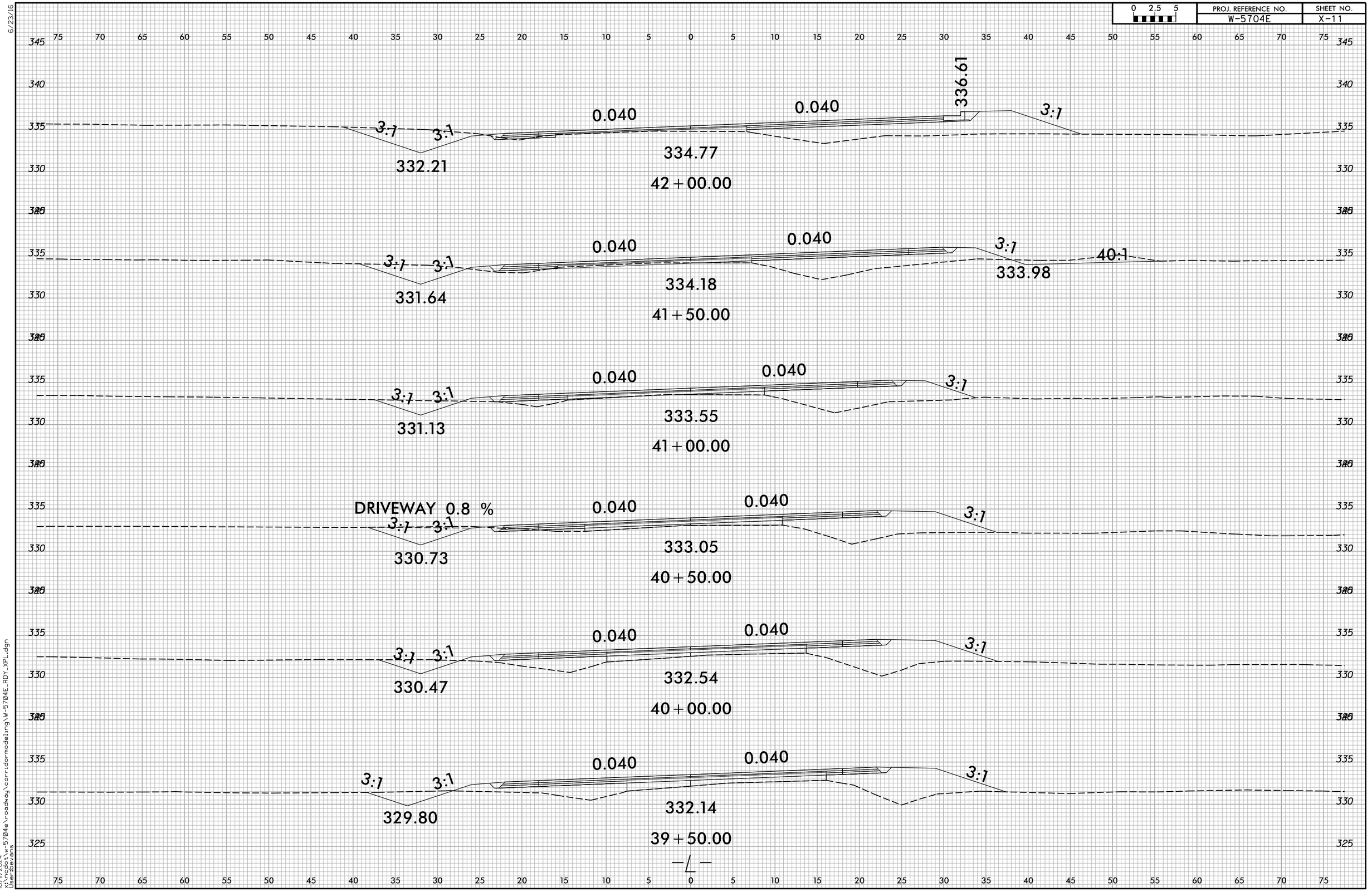


10/11/2024
x:\ncdot\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL.dgn
User:bevans

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-10



0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-11



6/23/16

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-12

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

340 335 330 325

3:1 3:1 0.025 0.016 3:1 3:1

331.29 334.51 331.03

44+50.00

3:1 3:1 0.025 0.001 3:1

332.73 335.18

44+00.00

DRIVEWAY 9.1 %

3:1 3:1 0.025 0.018 3:1

333.04 335.61

43+50.00

345 340 335 330 325

337.00

3:1 3:1 0.034 0.034 3:1

332.91 335.63

43+00.00

337.02

DRIVEWAY 8.7 %

3:1 3:1 0.040 0.040 3:1

332.62 335.28

42+50.00

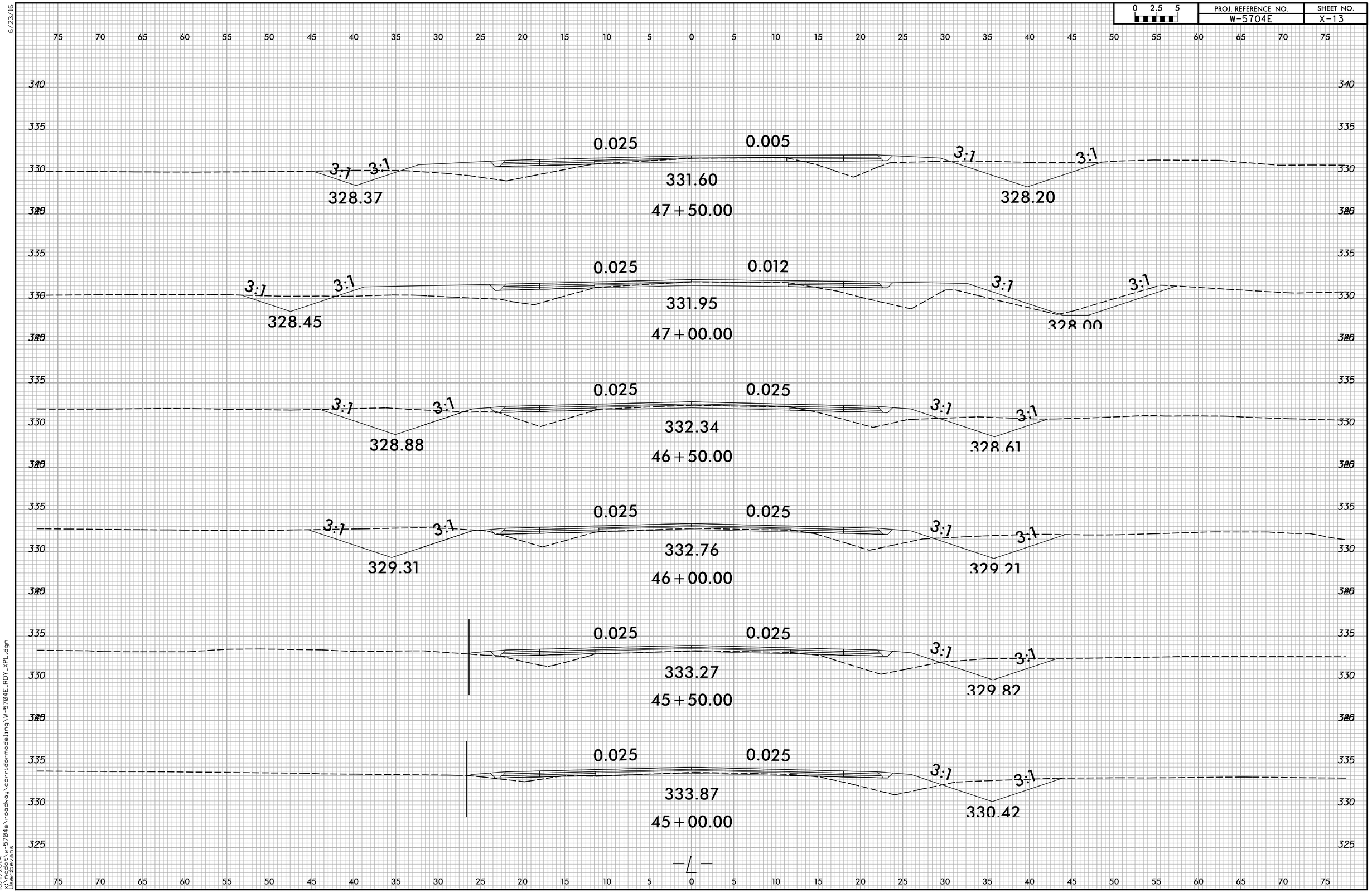
—L—

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

10/11/2024
x:\ncdot\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL.dgn
User:bevans

6/23/16

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-13



10/11/2024
x:\ncdot\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL.dgn
User:bevans

6/23/16

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-14

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

340 335 330 325

DRIVEWAY 5.5 %

3:1 3:1

329.00

0.030 0.030

331.49

50+00.00

DRIVEWAY 3.2 %

3:1 3:1

330.50

340 335 330 325

3:1 3:1

328.80

0.040 0.040

331.67

49+50.00

3:1 3:1

330.55

335 330 325

3:1 3:1

328.71

0.040 0.040

331.63

49+00.00

3:1 3:1

329.39

335 330 325

3:1 3:1

328.60

0.038 0.038

331.49

48+50.00

3:1 3:1

328.61

335 330 325

3:1 3:1

328.49

0.025 0.021

331.41

48+00.00

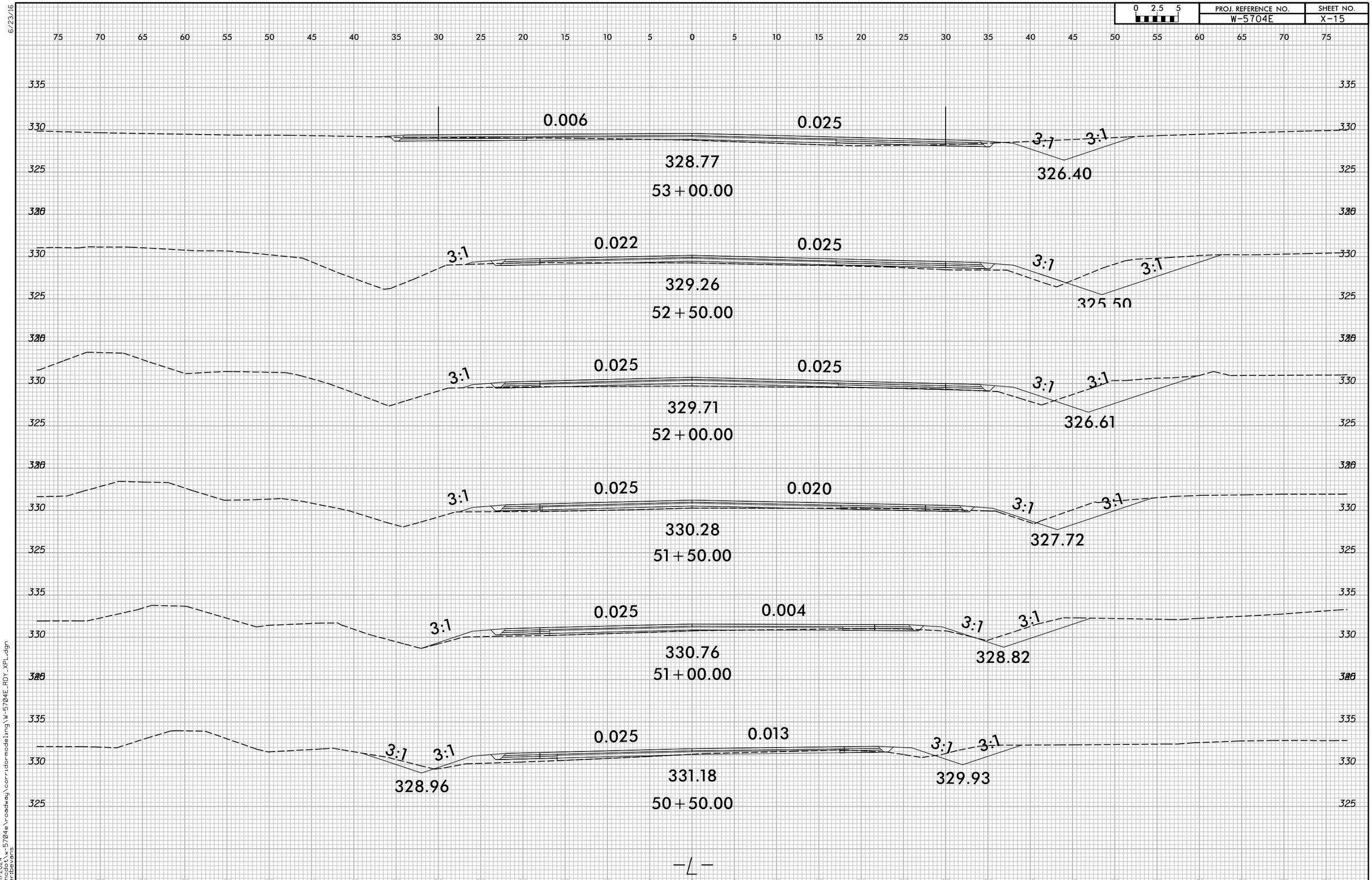
3:1 3:1

328.41

335 330 325

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

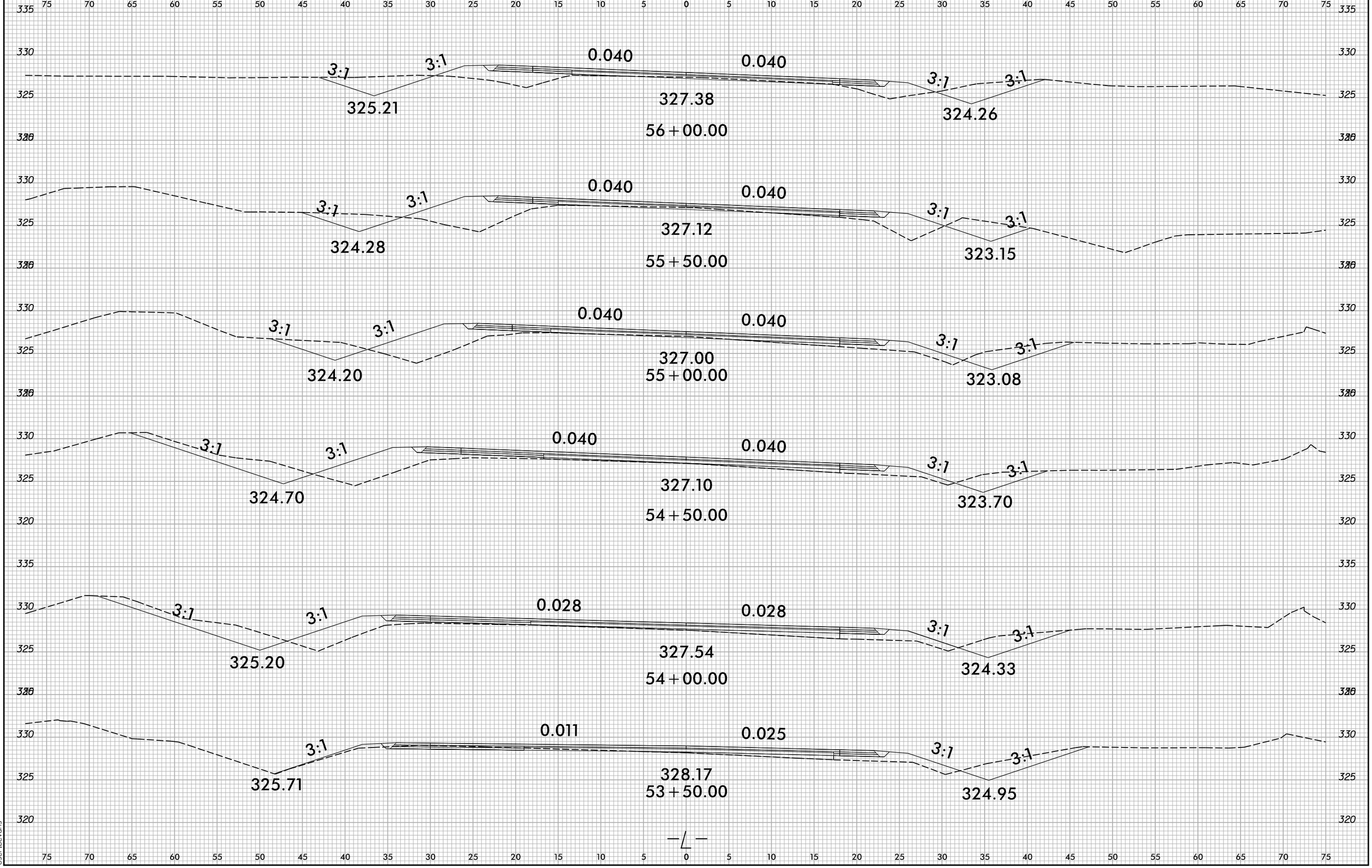
10/11/2024
X:\ncdot\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL.dgn
User:bevans



6/23/16

10/11/2024
x:\ncdot\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL.dgn
User:bevans

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-16



6/23/16

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-17

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

335 330 325

3:1 3:1 0.024 0.025 3:1 3:1

328.62 330.81 328.59

58+50.00

335 330 325

3:1 3:1 0.007 0.025 3:1 3:1

328.32 329.98 327.87

58+00.00

330 325

3:1 3:1 0.009 0.025 3:1 3:1

328.03 329.18 327.15

57+50.00

330 325 320

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

327.09 328.46 326.41

57+00.00

335 330 325 320

DRIVEWAY 10.2 %

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

326.15 327.86 325.38

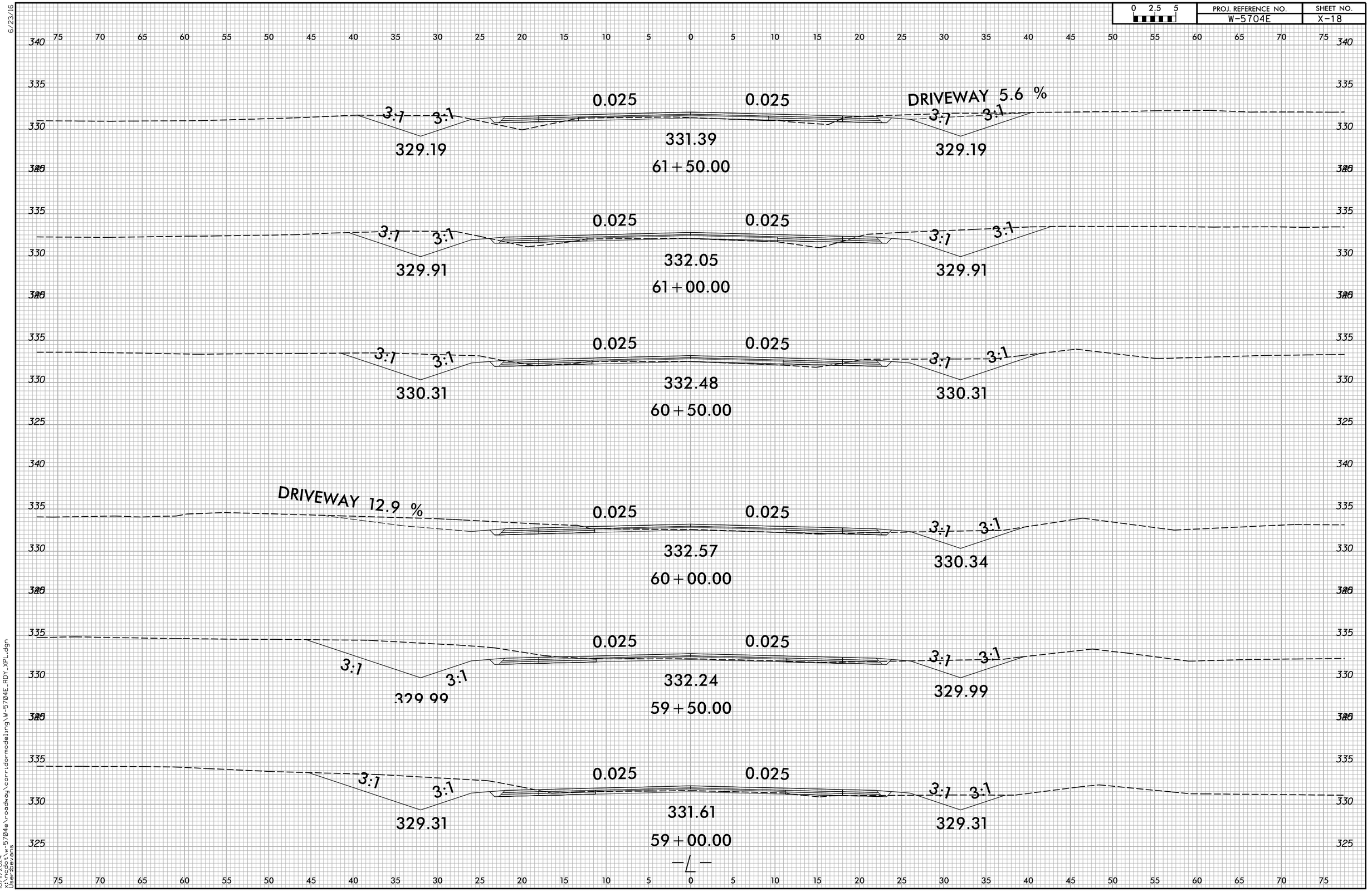
56+50.00

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

10/11/2024
X:\ncdot\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL.dgn
User:devans

6/23/16

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-18

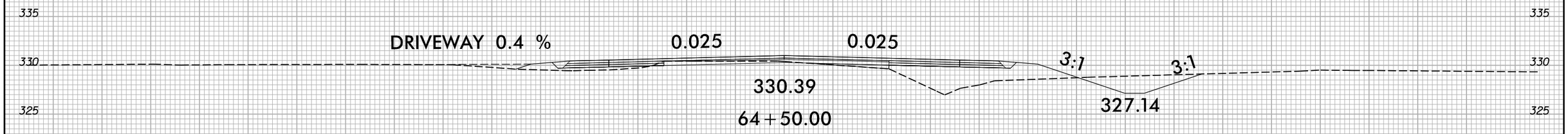


10/11/2024
x:\ncdot\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL.dgn
User:bevans

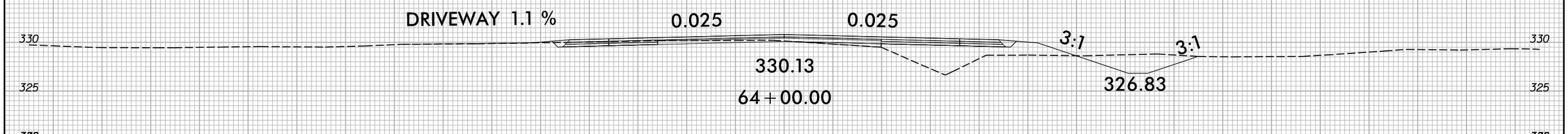
6/23/16

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-19

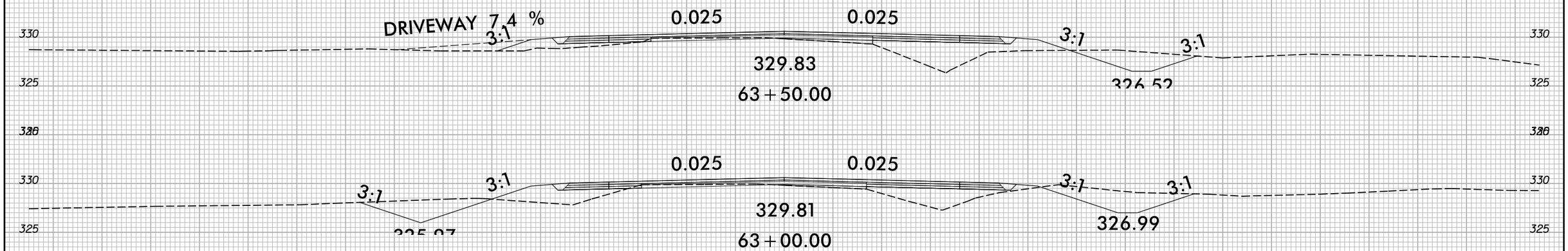
DRIVEWAY 0.4 %

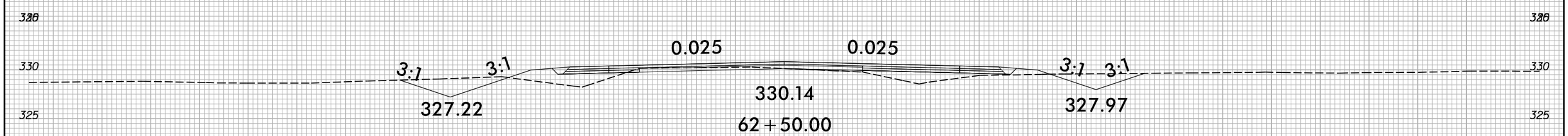


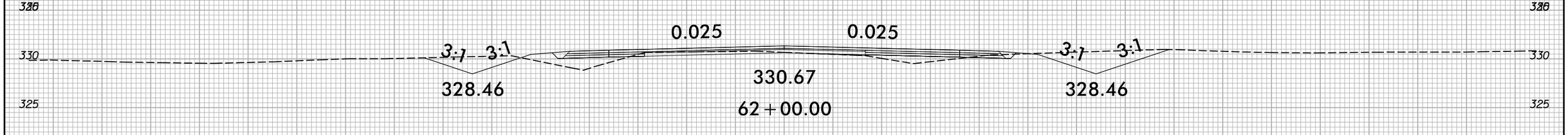
DRIVEWAY 1.1 %



DRIVEWAY 7.4 %

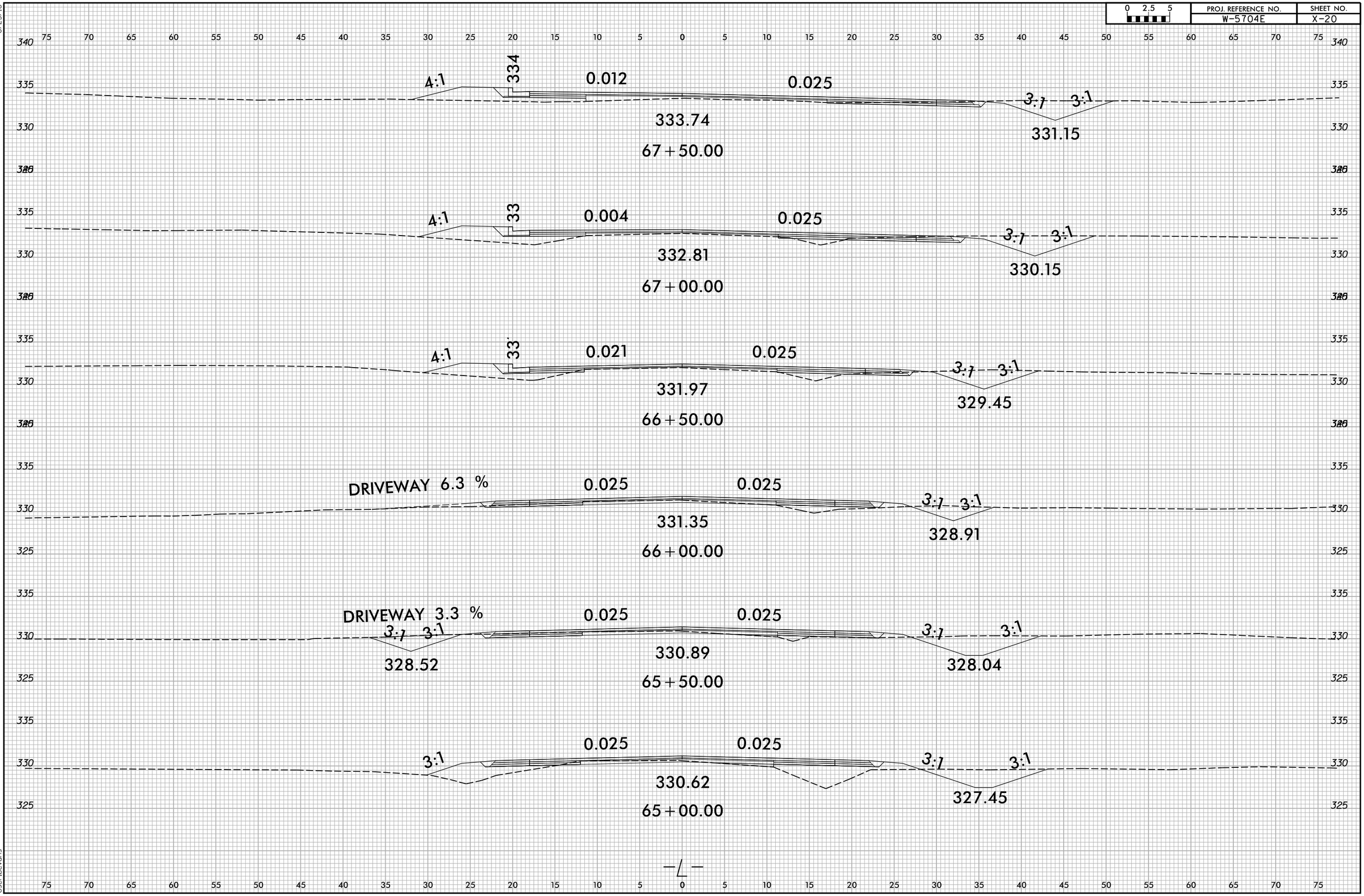






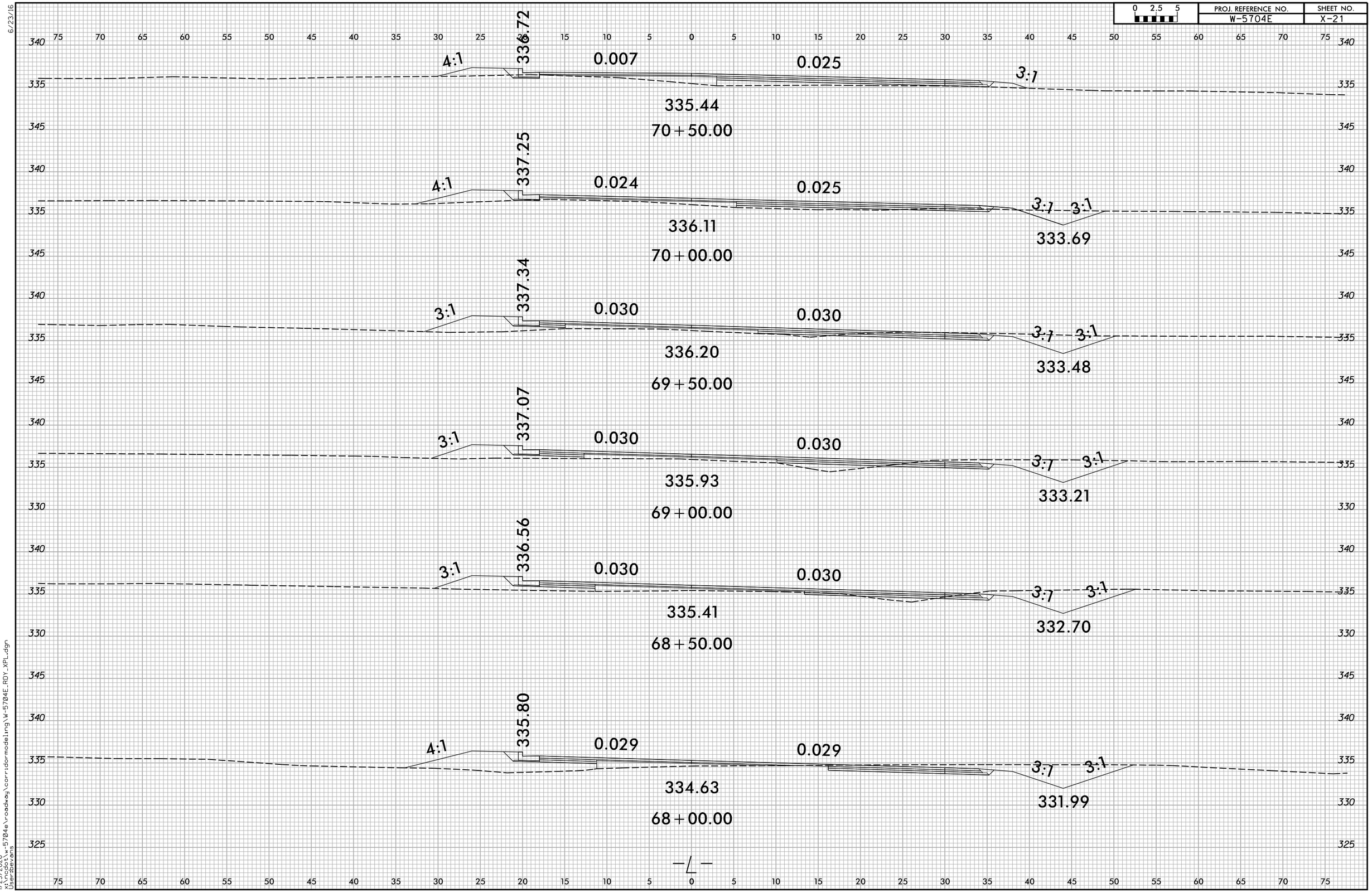
10/11/2024
X:\ncdot\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL.dgn
User:bevans

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-20



6/23/16

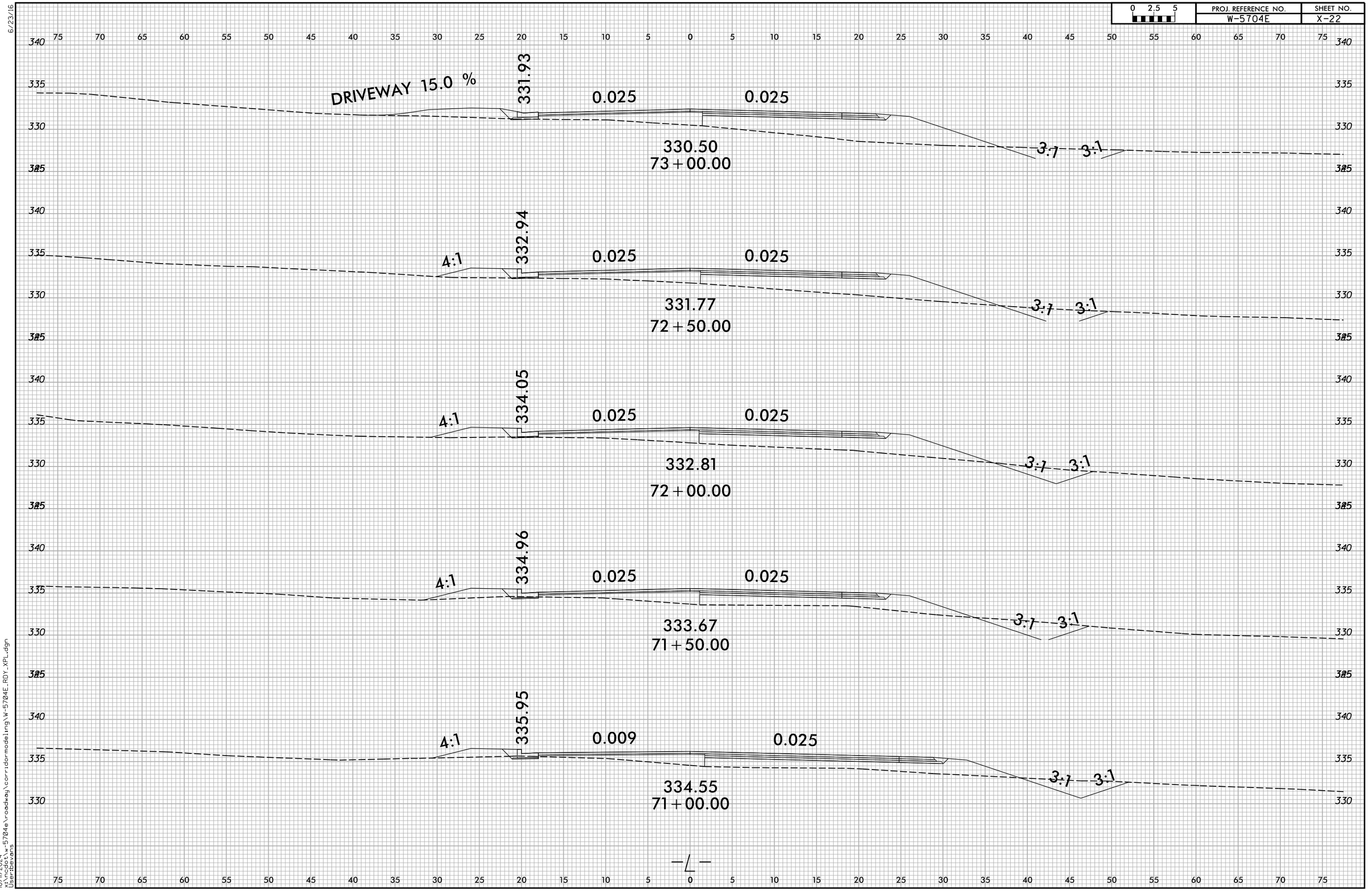
0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-21



1/23/2026
X:\ncdot\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL.dgn
User:bevans

6/23/16

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-22



10/11/2024
x:\ncdot\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL.dgn
User:bevans

6/23/16

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-23

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

340 335 330 325 320

DRIVEWAY 25.0 %

328.87

0.025 0.025

328.14
75+00.00

3:1 3:1

329.24

0.025 0.025

328.67
74+50.00

3:1 3:1

4:1

329.91

0.025 0.025

329.21
74+00.00

DRIVEWAY 25.0 %

4:1

330.77

0.025 0.025

329.70
73+50.00

3:1 3:1

—L—

10/11/2024
X:\ncdot\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL.dgn
User:bevans

6/23/16

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-24

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

340 335 330 325 320

DRIVEWAY 25.0 %
328.83
0.025
0.025
3:1
3:1
327.22
77+00.00

DRIVEWAY 25.0 %
328.56
0.025
0.025
3:1
327.11
76+50.00

4:1
328.36
0.025
0.025
DRIVEWAY 25.0 %
327.36
76+00.00

4:1
328.46
0.025
0.025
3:1
327.70
75+50.00

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

10/11/2024
X:\ncdot\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL.dgn
User:bevans

6/23/16

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-25

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

340 335 330 325

4:1 331.71 0.025 0.025 3:1 3:1

330.35
79+00.00

340 335 330 325

DRIVEWAY 6.0 % 330.68 0.025 0.025 3:1 3:1

329.44
78+50.00

340 335 330 325

DRIVEWAY 2.5 % 329.95 0.025 0.025 3:1 3:1

328.65
78+00.00

340 335 330 325

4:1 329.18 0.025 0.025 3:1 3:1

327.74
77+50.00

320

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

10/11/2024
x:\ncdot\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL.dgn
User:bevans

6/23/16

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-26

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

345 340 335 330

DRIVEWAY 18.8 %
4:1
337.37
0.001
0.022
DRIVEWAY 25.0 %
334.72
81+00.00

345 340 335 330

4:1
336.03
0.012
0.025
3:1 3:1
333.32
80+50.00
331.15

345 340 335 330 325

4:1
334.34
0.025
0.025
3:1 3:1
332.28
80+00.00
330.01

345 340 335 330 325

4:1
332.93
0.025
0.025
3:1 3:1
331.31
79+50.00
328.86

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

10/11/2024
x:\ncdot\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL.dgn
User:bevans

6/23/16

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-27

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

340 335 330 345

3:1 3:1 0.018 0.025 3:1 3:1

332.40

334.47
83+50.00

333.80

340 335 330 345

3:1 3:1 0.002 0.022 3:1 3:1

332.69

335.77
83+00.00

334.84

340 335 330

3:1 3:1 0.010 0.010

332.97

336.43
82+50.00

340 335 350 345

4:1 0.010 0.010 4:1

337.22
82+00.00

340 335 345 330

4:1 338.33 0.010 0.010 3:1 3:1

336.36
81+50.00

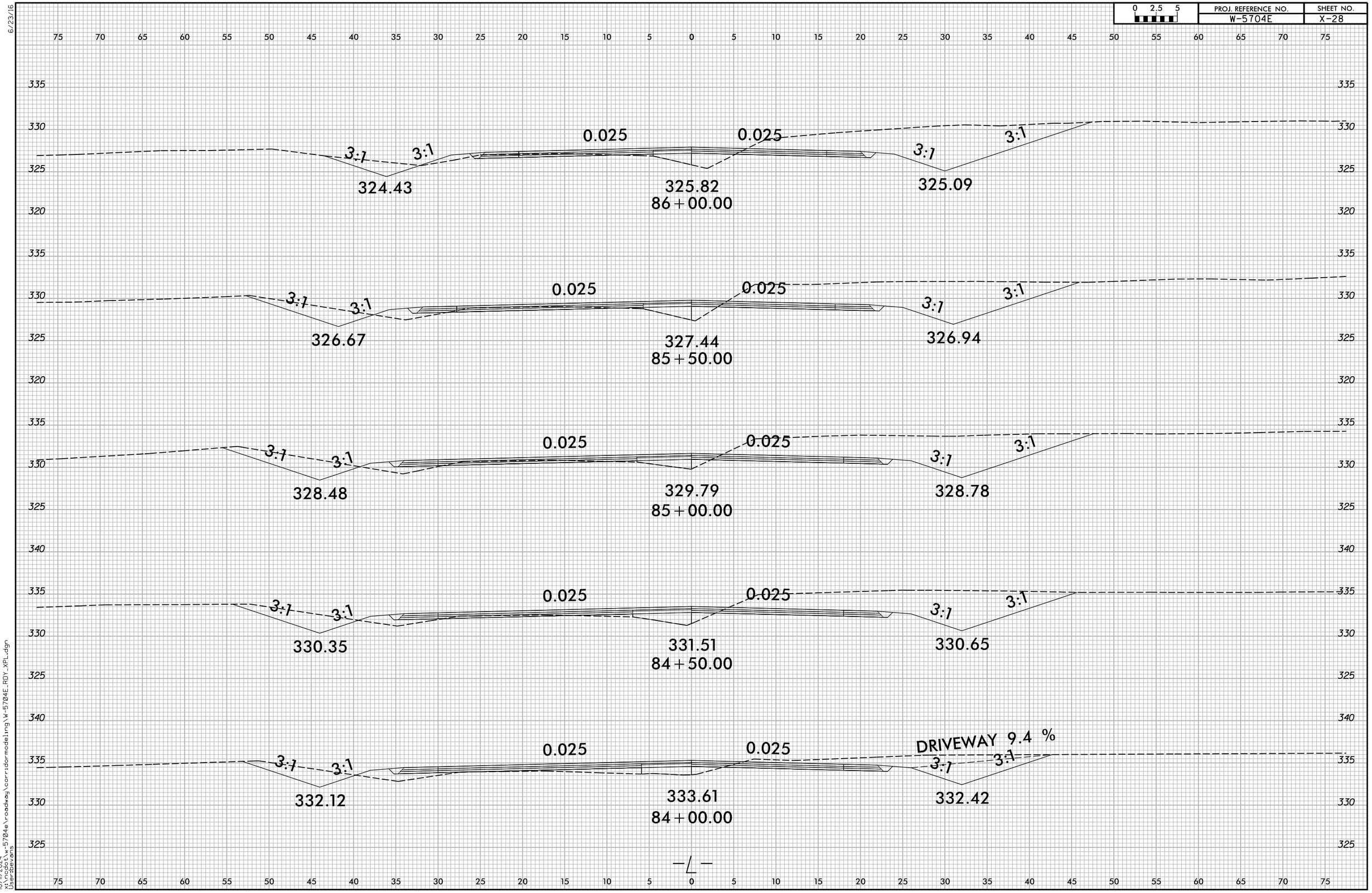
333.44

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

10/11/2024
x:\ncdot\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL.dgn
User:bevans

6/23/16

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-28



10/11/2024
x:\ncdot\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL.dgn
User:bevans

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-29

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

325 320 315 310

0.025 0.025
3:1 3:1 3:1 3:1
315.73 318.17 316.07
88+50.00

325 320 315 310

0.025 0.025
3:1 3:1 3:1 3:1
317.01 319.60 317.77
88+00.00

325 320 315 330

0.025 0.025
3:1 3:1 3:1 3:1
318.28 321.16 319.56
87+50.00

DRIVEWAY 2.6 %

325 320 315 330

0.025 0.025
3:1 3:1 3:1 3:1
322.76 321.40
87+00.00

325 320 315 330

0.025 0.025
3:1 3:1 3:1 3:1
322.18 324.35 323.25
86+50.00

—L—

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

10/11/2024
x:\ncdot\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL.dgn
User:bevans

6/23/16

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-30

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

315
310
305
320

3:1 3:1 0.025 0.025 3:1 3:1

308.85 311.30 308.85

91+00.00

315
310
305
320

3:1 3:1 0.025 0.025 3:1 3:1

310.20 312.59 310.20

90+50.00

315
310
305
320

3:1 3:1 0.025 0.025 3:1 3:1

311.56 313.98 311.56

90+00.00

315
310
305
320

3:1 3:1 0.025 0.025 3:1 3:1

312.96 315.36 312.96

89+50.00

315
310
305
320

3:1 3:1 0.025 0.025 3:1 3:1

314.46 316.77 314.46

89+00.00

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

10/11/2024
x:\ncdot\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL.dgn
User:bevans

6/23/16

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-31

307.85
92+50.00

END CONSTRUCTION
–L– STA. 92+00.00

308.98
92+00.00
END PROJECT
–L– STA. 91+65.66

0.027 0.025

3:1 3:1 3:1 3:1

307.93 310.12 308.21

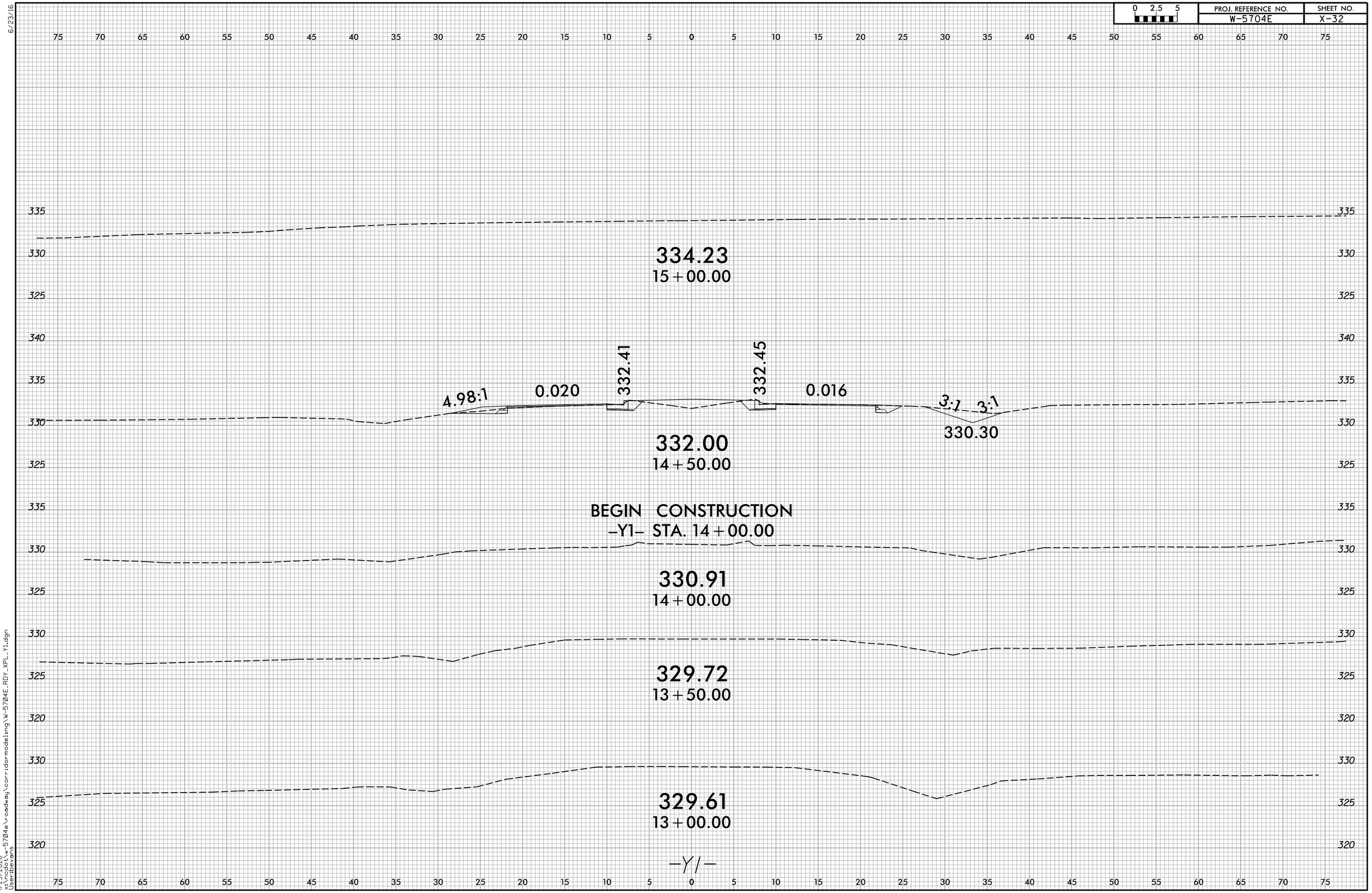
91+50.00

–L–

10/11/2024
X:\ncdot\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL.dgn
User:bevans

6/23/16

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-32



1/23/2026
x:\ncdot\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL_Y1.dgn
User:bevans

6/23/16

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-33

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

345 340 335 330

3:1 3:1 0.014 0.025 DRIVEWAY 4.1 %

334.13 337.18 12+50.00 4:1 3:1 332.70

DRIVEWAY 1.0 % 0.011 0.025

334.41 337.22 12+00.00

3:1 3:1 0.036 0.036 4:1 3:1

334.68 337.34 11+50.00 333.42

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

334.96 336.40 11+00.00 333.79

3:1 3:1 0.025 0.025 4:1 3:1

335.24 337.01 10+50.00 334.15

337.35 10+00.00

-Y2-

10/11/2024
x:\ncdot\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL_Y2.dgn
User:bevans

6/23/16

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-34

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

340
335
330

336.79
15+50.00

340
335
330

336.83
15+00.00

340
335
330

336.90
14+50.00

END CONSTRUCTION
–Y2– STA. 14+15.00

340
335
330

336.97
14+00.00

3:1 3:1
331.61

340
335
330

337.04
13+50.00

3:1 3:1
331.97

340
335
330

DRIVEWAY 18.7 %
0.010 0.025

337.12
13+00.00

3:1 3:1
332.33

–Y2–

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

10/11/2024
x:\vndot\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL_Y2.dgn
User:bevans

6/23/16

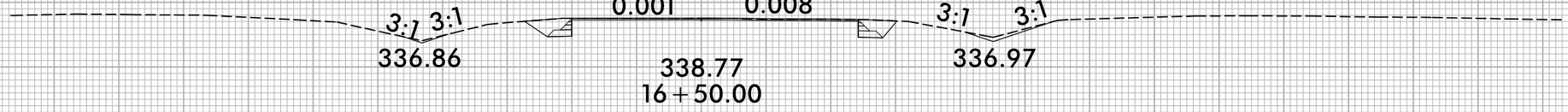
0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-35

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

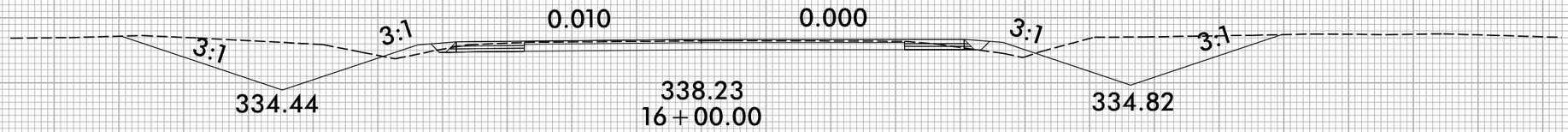
345 340 335 345 340 335 345 340 335 345 340 335 330 340 335 330

17+00.00

END CONSTRUCTION
–Y3– STA. 16+55.00

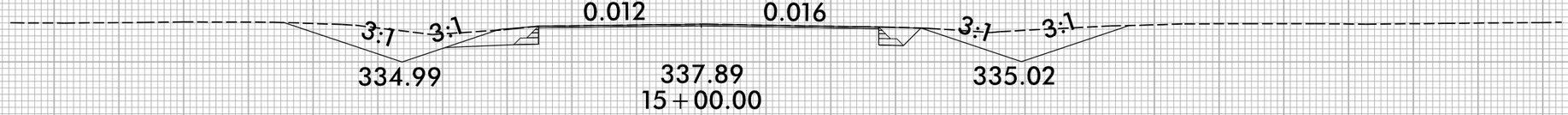


16+50.00



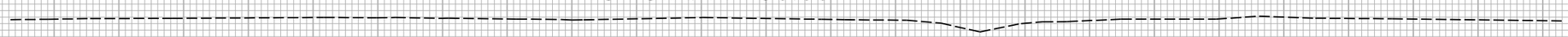
16+00.00

15+50.00



15+00.00

BEGIN CONSTRUCTION
–Y3– STA. 14+50.00



337.97
14+50.00

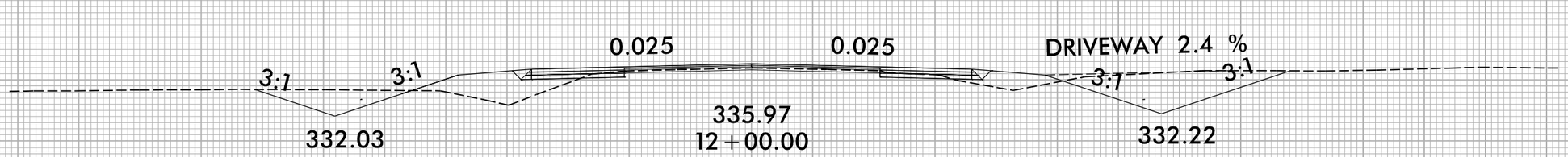
–Y3–

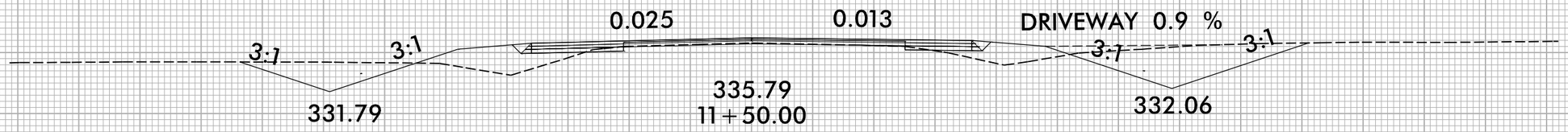
1/23/2026
x:\ncdot\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL_Y3.dgn
User:bevans

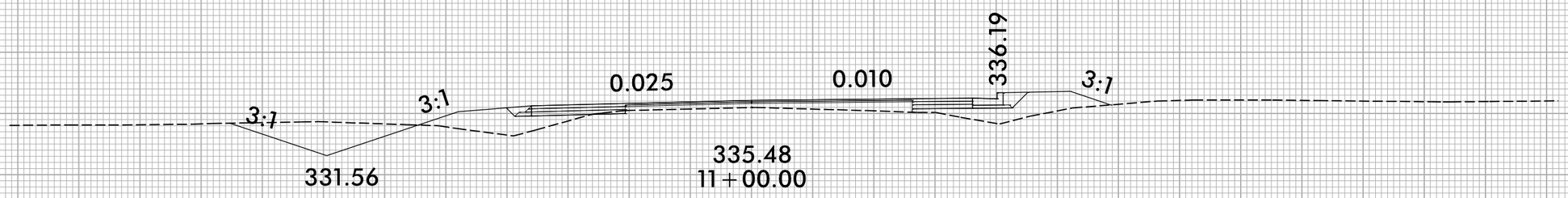
0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-36

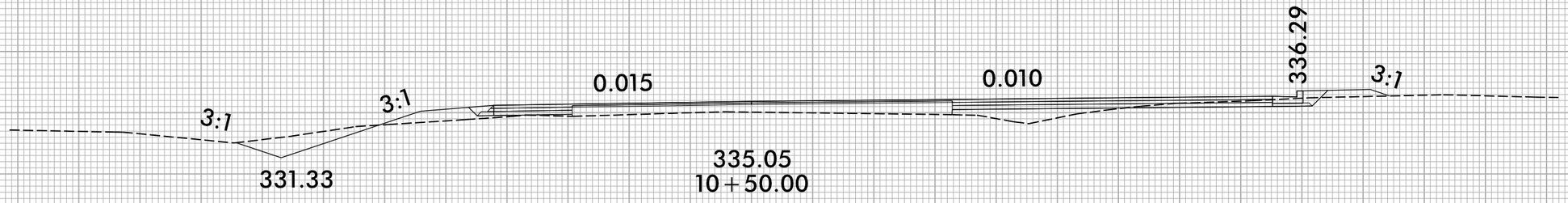
75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

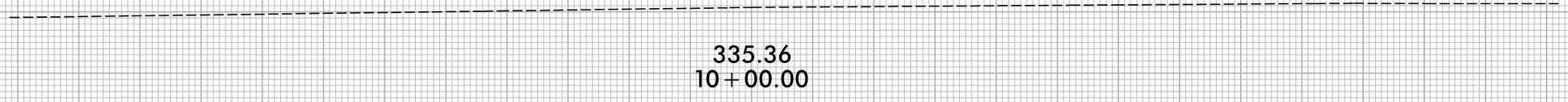
340 335 330 345











-Y4-

6/23/16

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-37

END CONSTRUCTION –Y4– STA. 15+00.00

335.79
15+00.00

DRIVEWAY 8.2 %
4:1
0.009
0.029
DRIVEWAY 4.0 %
4:1
333.19
335.76
14+50.00
332.99

DRIVEWAY 4.9 %
2:1
3:1
0.025
0.025
DRIVEWAY 4.9 %
3:1
2:1
332.96
335.82
14+00.00
332.84

0.025
0.025
3:1
3:1
3:1
3:1
332.72
335.93
13+50.00
332.68

0.025
0.025
3:1
3:1
3:1
3:1
332.49
336.05
13+00.00
332.53

DRIVEWAY 11.9 %
0.025
0.025
3:1
3:1
3:1
3:1
332.26
336.09
12+50.00
332.37

–Y4–

10/11/2024
x:\ncdot\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL_Y4.dgn
User:bevans

6/23/16

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-38

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

335 330 340 335 330 340

333.26
15+50.00

3:1 3:1 0.024 0.006 3:1 3:1

330.93 333.80 331.30
15+00.00

335 330 340 335 330 340

333.13 333.62

334.08
14+50.00

335 330 340 335 330 340

333.76 334.31

334.74
14+00.00

335 330 340 335 330 340

334.97
13+50.00

325 325

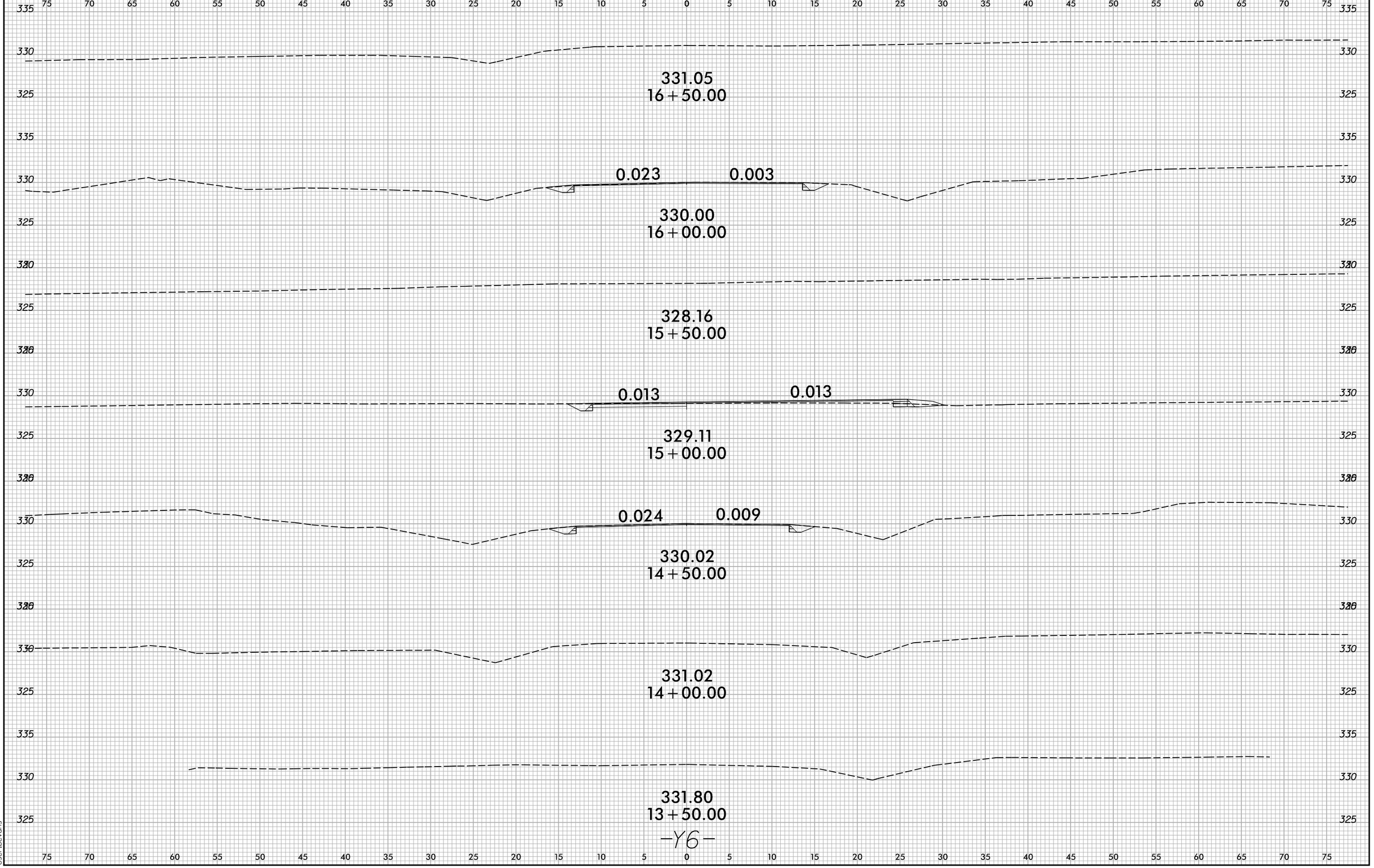
-Y5-

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

1/23/2026
x:\ncdot\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL_Y5.dgn
User:bevans

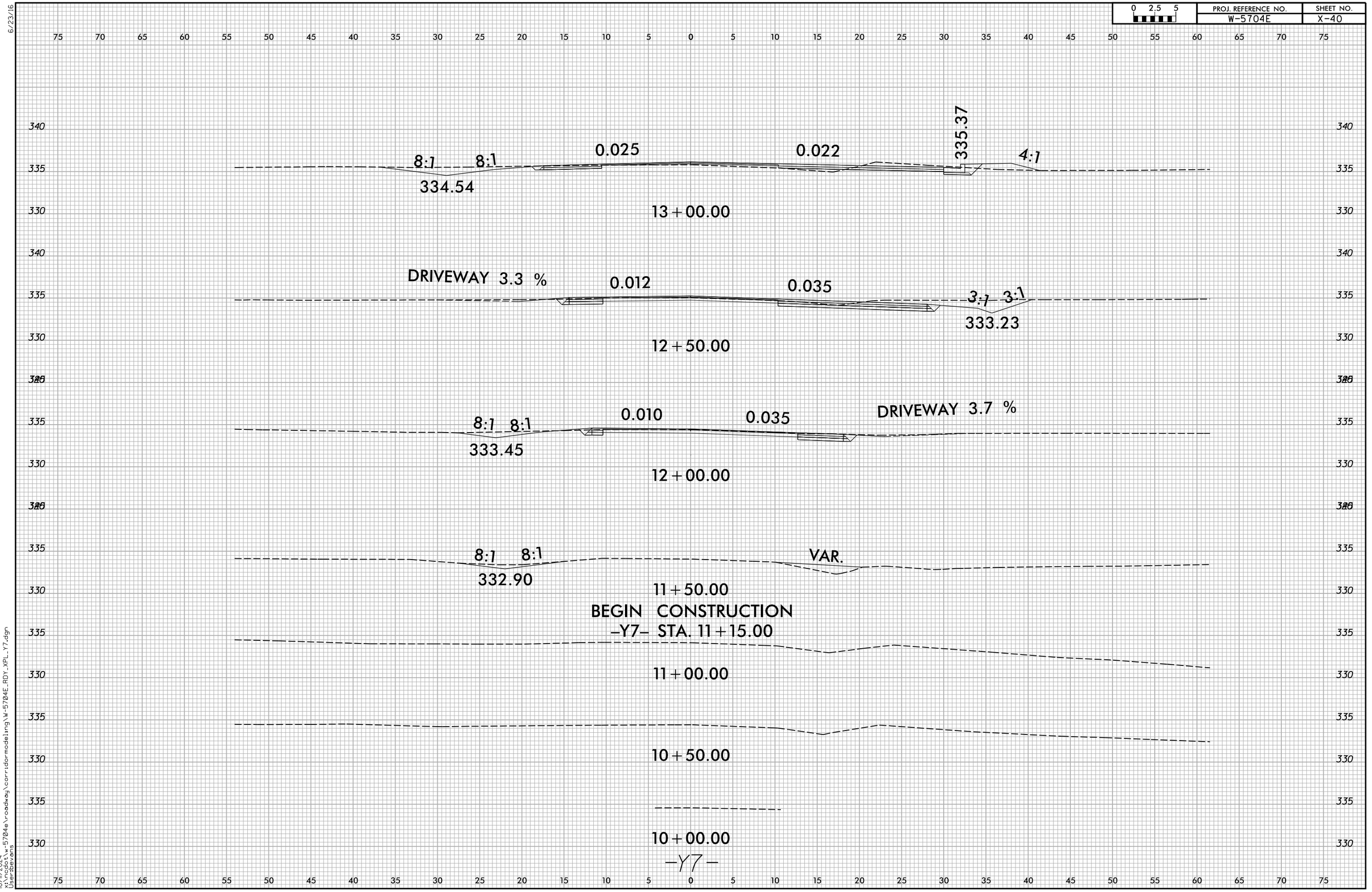
6/23/16

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-39

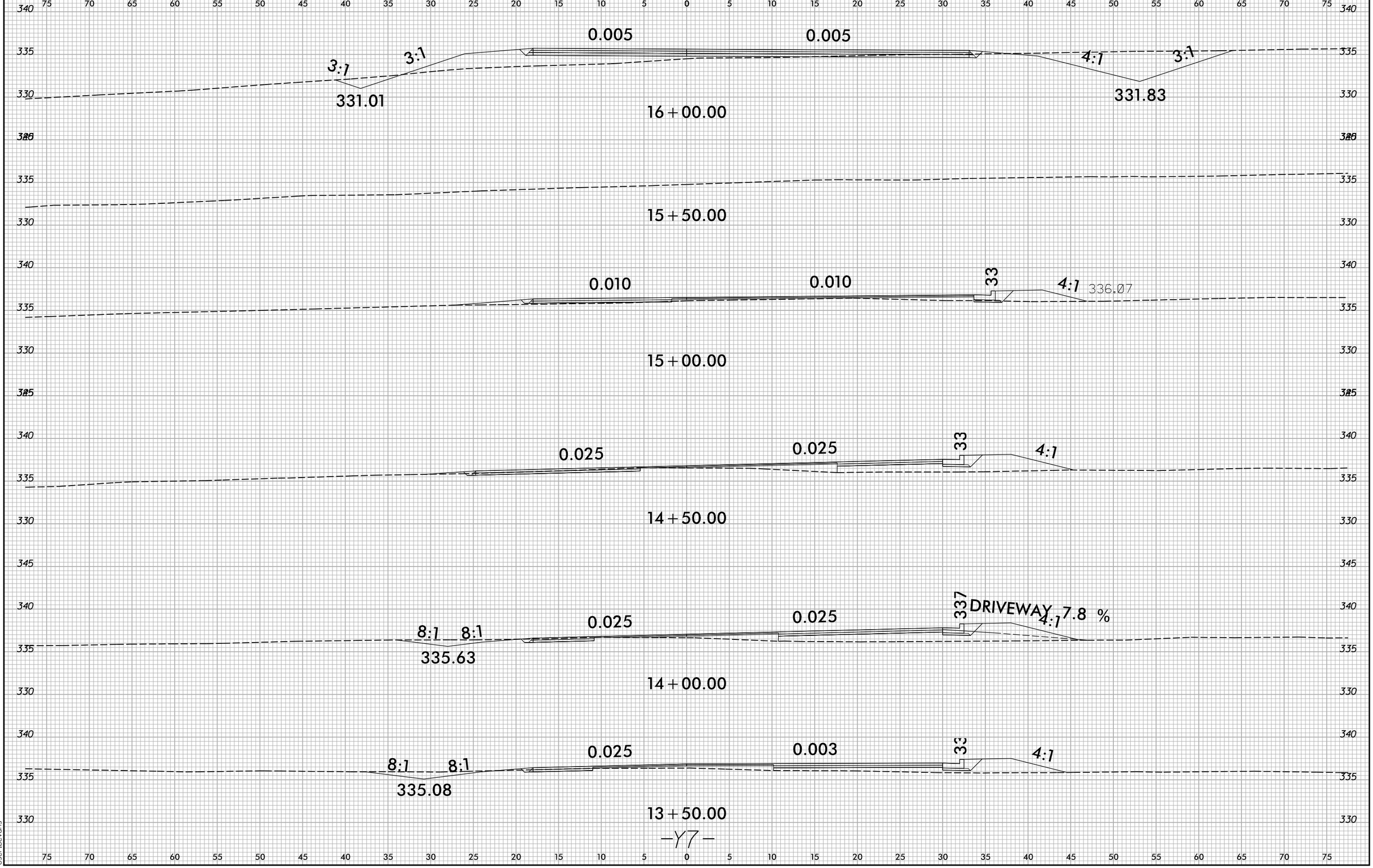


10/11/2024
x:\ncdot\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL_Y6.dgn
User:bevans

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-40

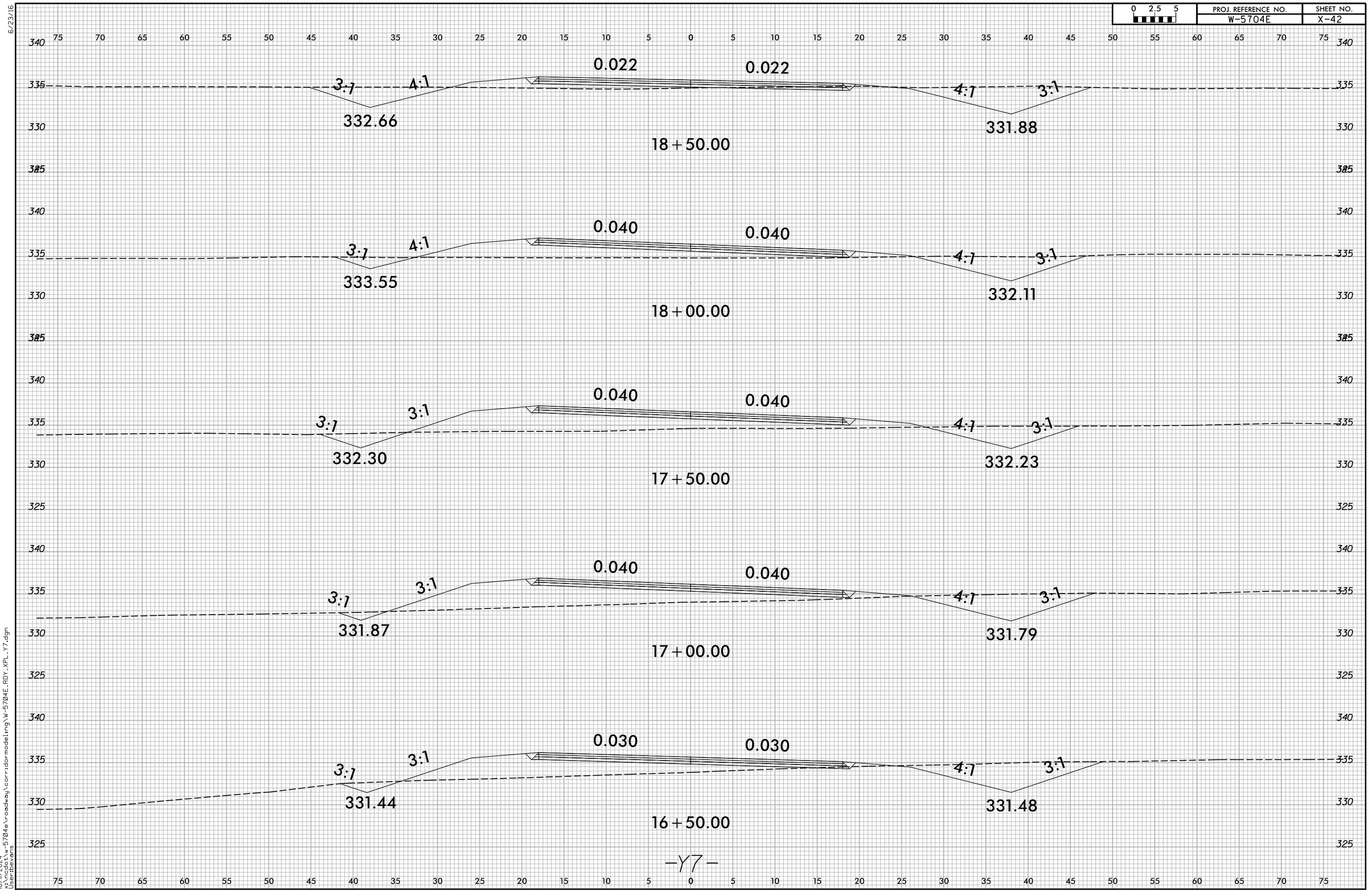


0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-41



6/23/16

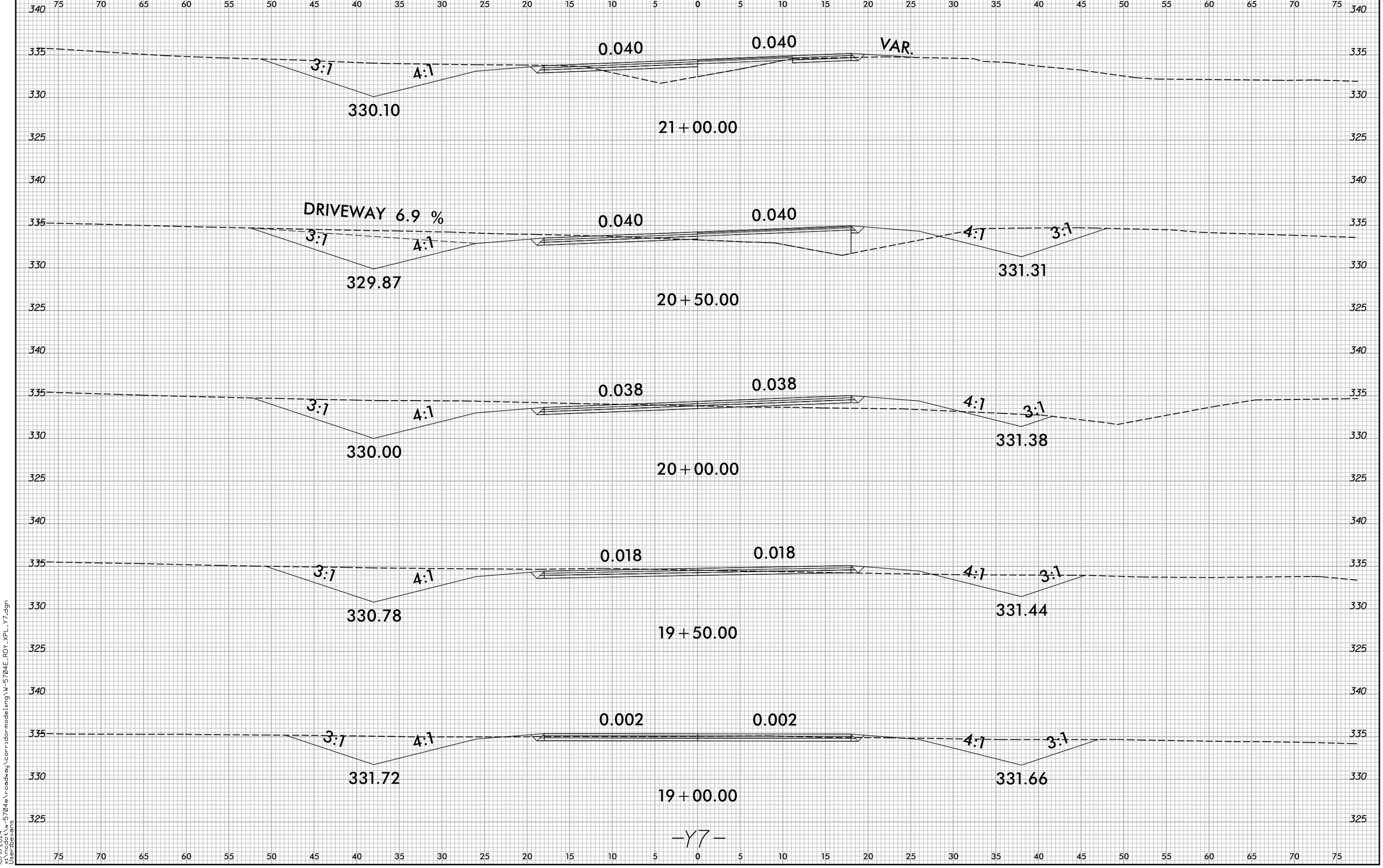
0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-42



10/11/2024
X:\ncdot\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL_Y7.dgn
User:devans

6/23/16

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-43

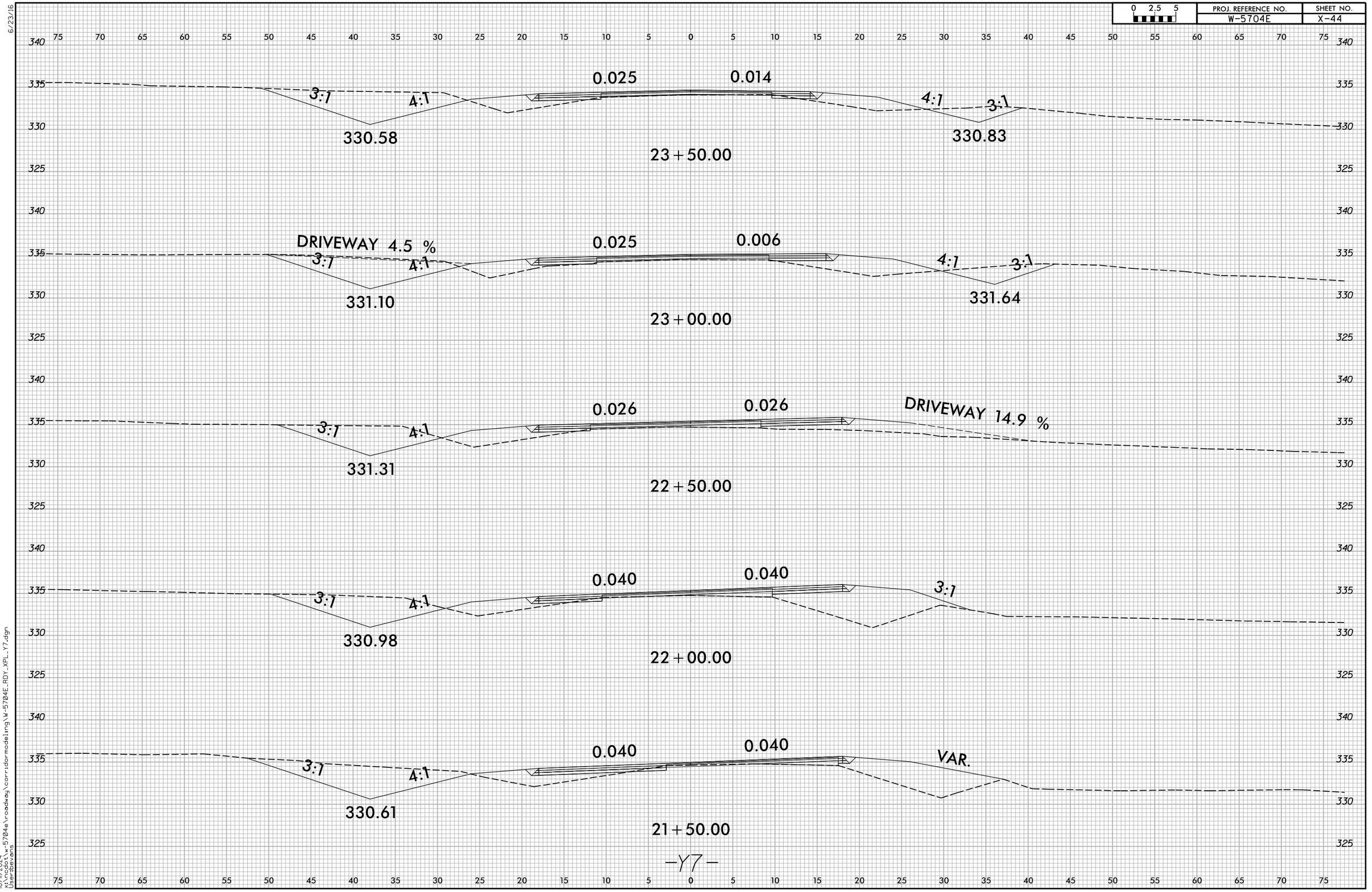


-Y7-

10/11/2024
X:\ncdot\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL_Y7.dgn
User:bevans

6/23/16

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-44

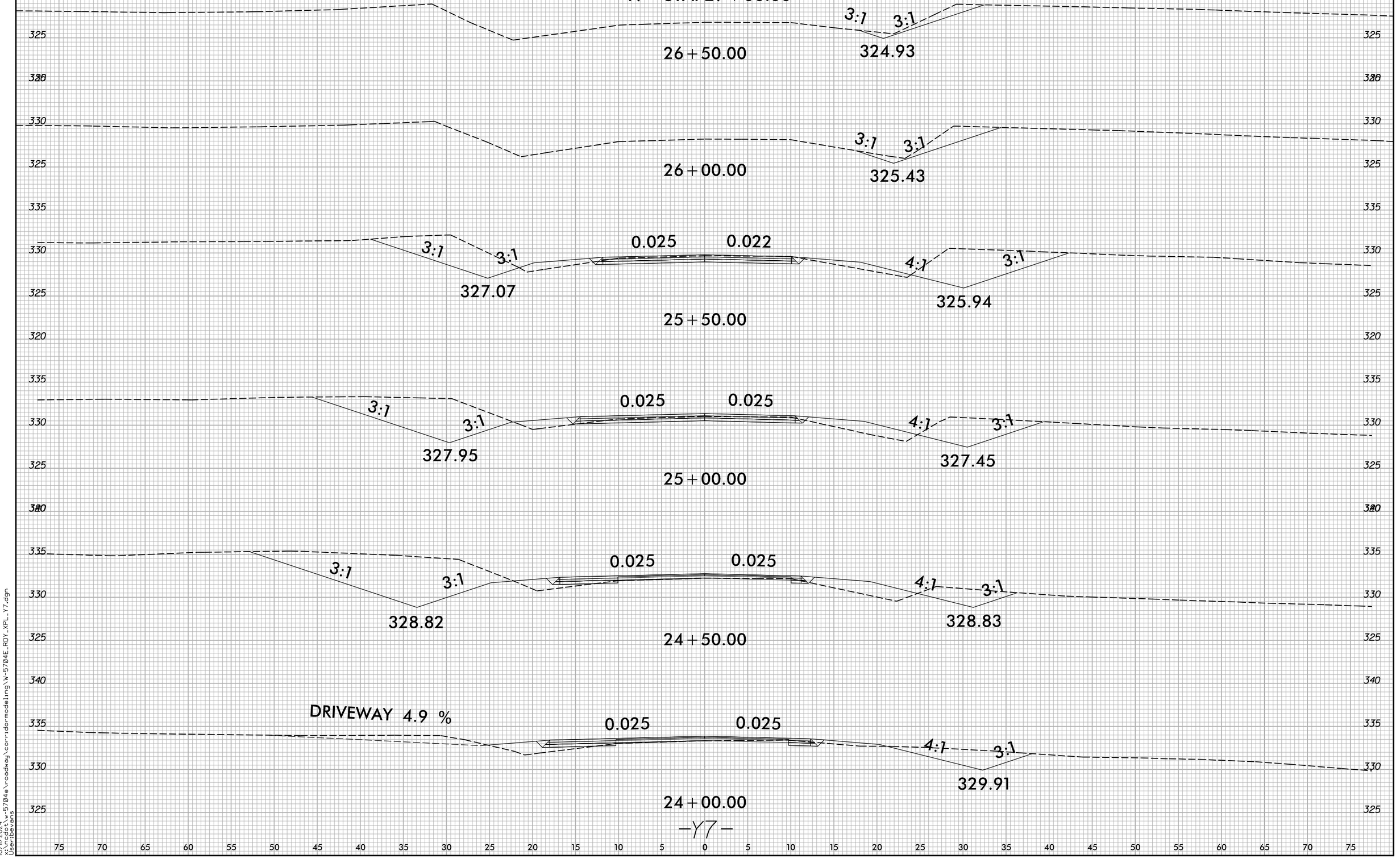


10/11/2024
x:\ncdot\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL_Y7.dgn
User:bevans

6/23/16

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-45

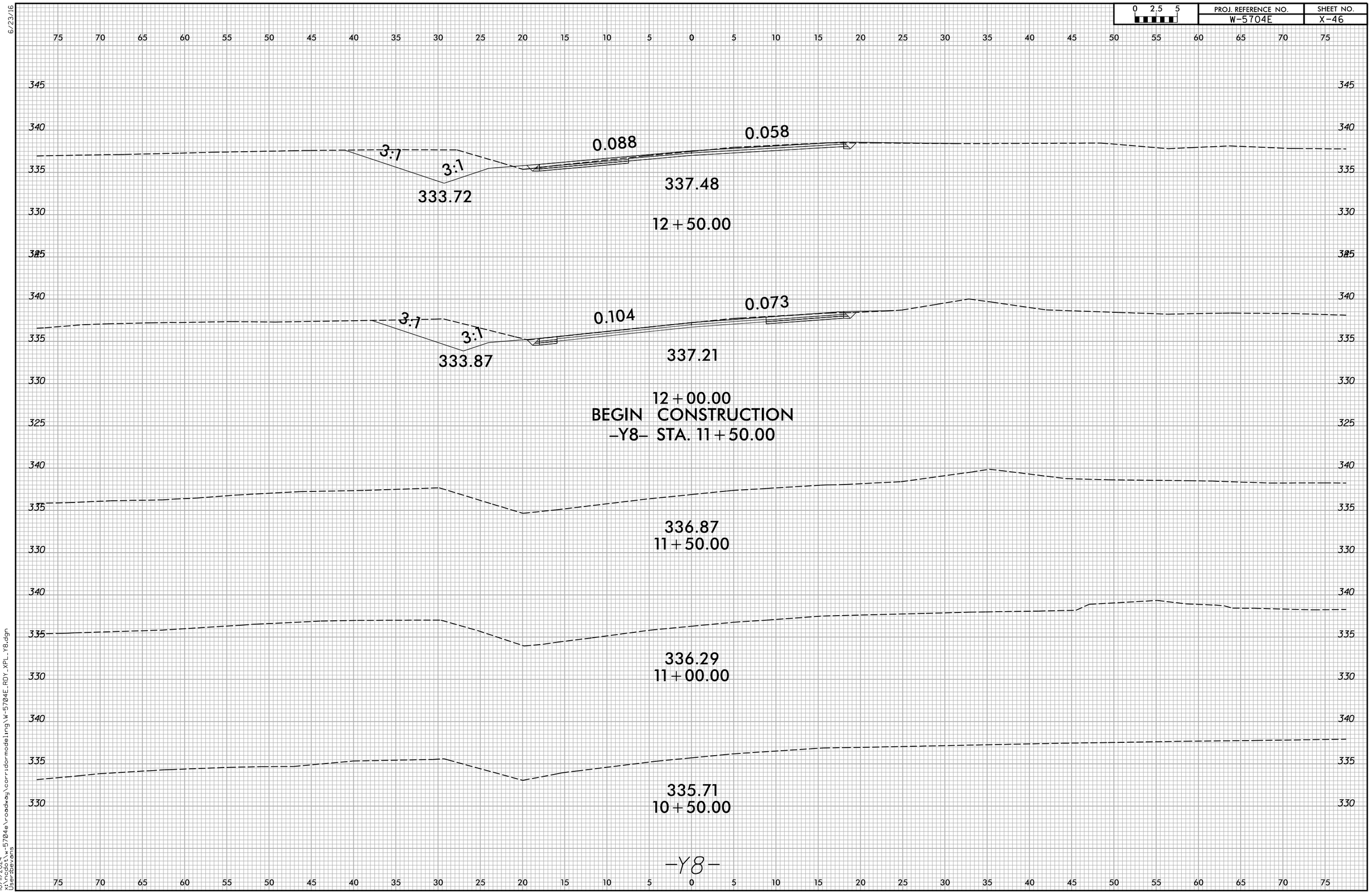
END CONSTRUCTION
-Y7- STA. 27+00.00



10/11/2024
x:\ncdot\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL_Y7.dgn
User:Bevans

6/23/16

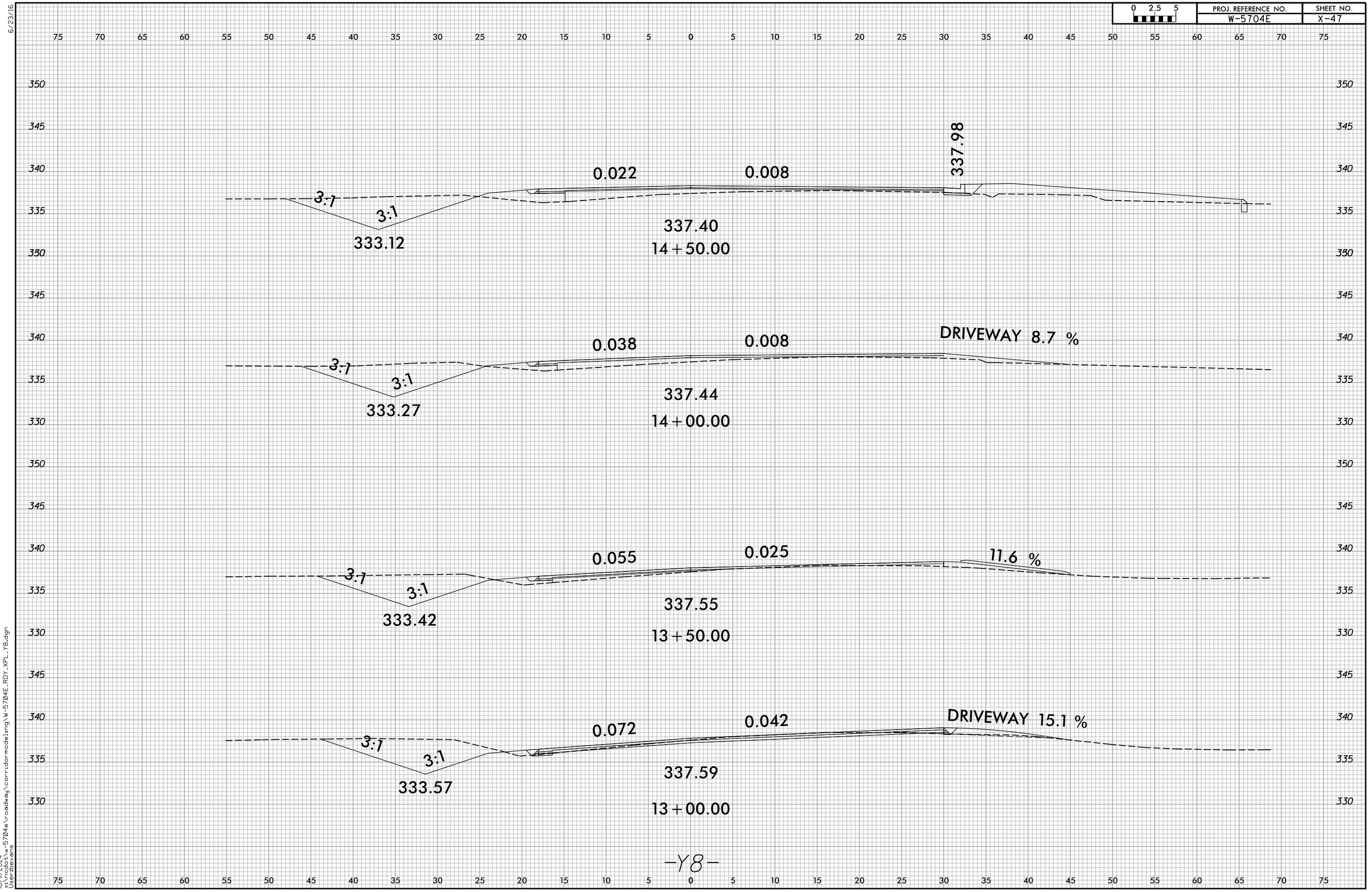
0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-46



10/11/2024
x:\ncdot\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL_Y8.dgn
User:bevans

6/23/16

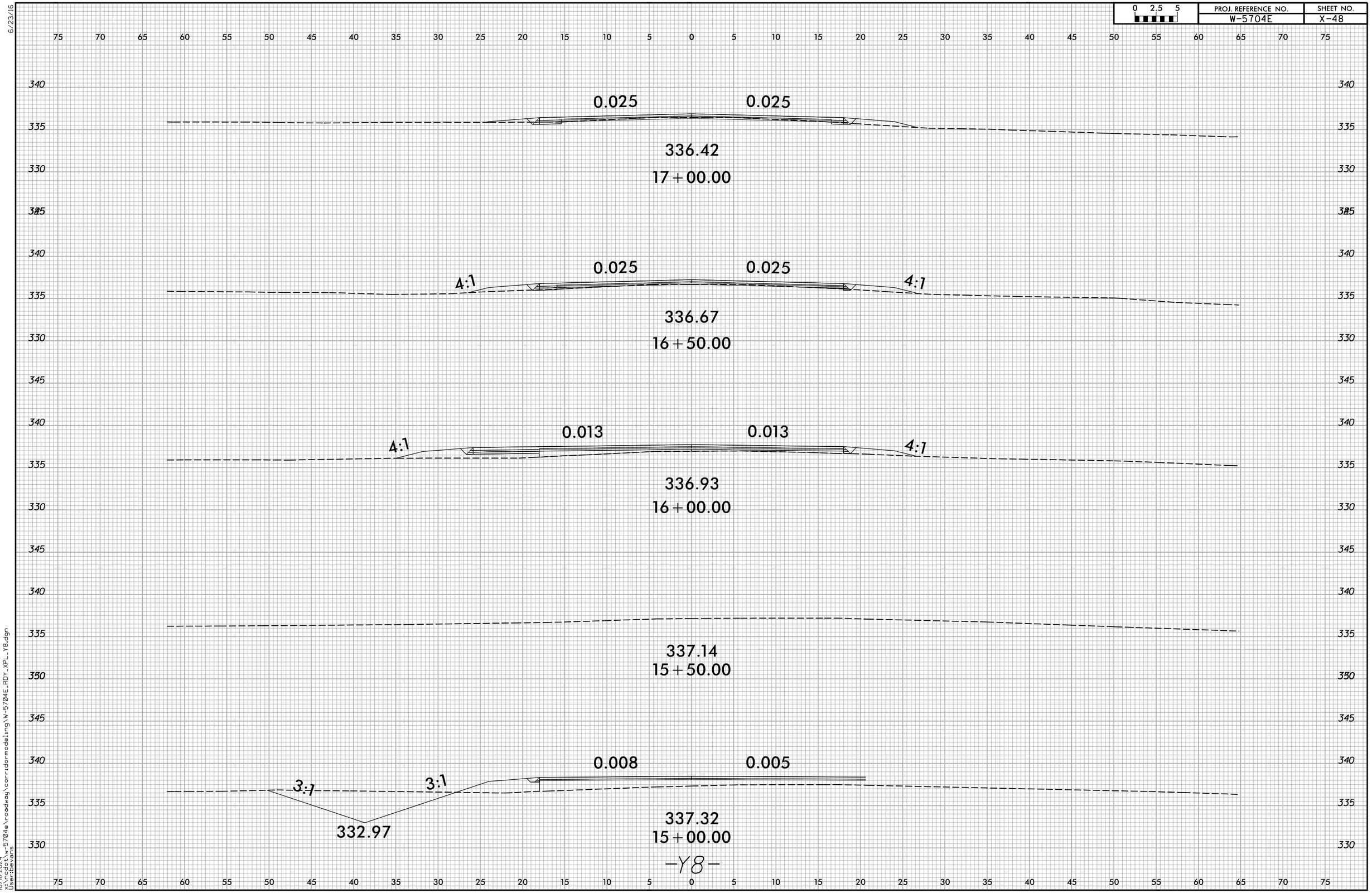
0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-47



-Y8-

10/11/2024
X:\ncdot\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL_Y8.dgn
User:bevans

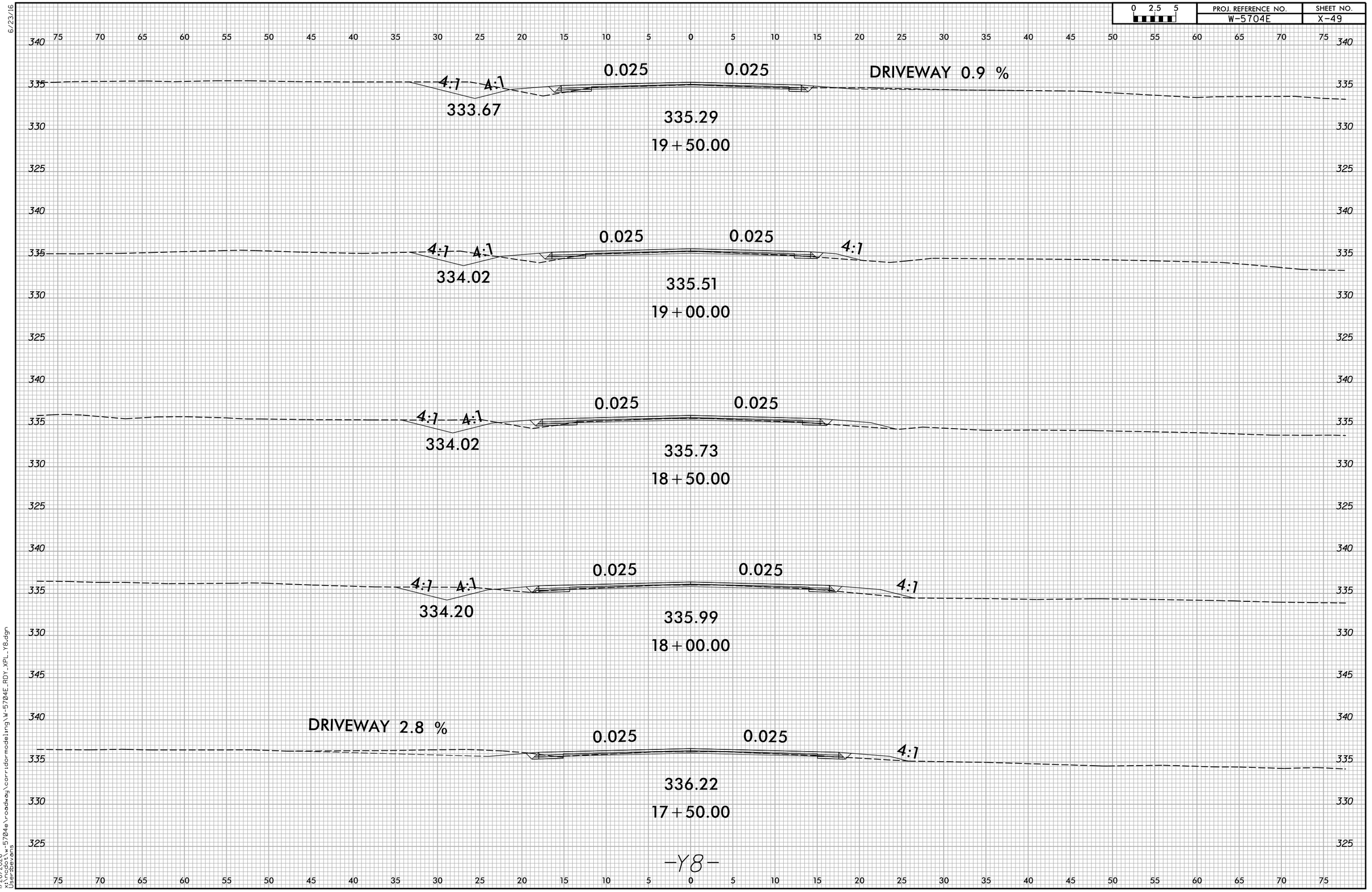
0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-48



10/11/2024
x:\ncdot\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL_Y8.dgn
User:bevans

6/23/16

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-49



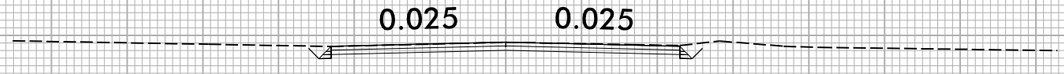
1/26/2026
x:\ncdot\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL_Y8.dgn
User:bevans

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-50

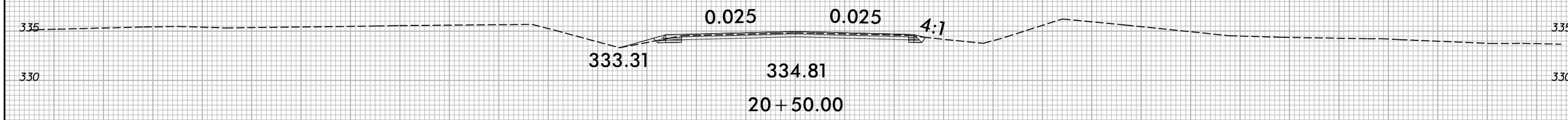
75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

340
335
330
325

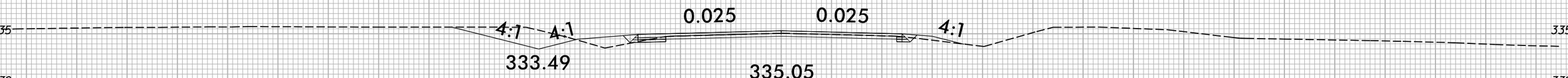
END CONSTRUCTION
–Y8– STA. 21+00.00



334.54
21+00.00



334.81
20+50.00



335.05
20+00.00

–Y8–

6/23/16

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-51

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

340 335 330 325 320

0.010 0.005

334.69
15+00.00

0.02 0.02

333.52
14+50.00

DRIVEWAY 10.0 %

4:1

0.00 0.006

333.12
14+00.00

329.26
13+50.00

328.14
13+00.00

328.14
12+50.00

-Y9-

1/23/2026
X:\ncdot\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL_g9.dgn
User:bevans

6/23/16

0 2.5 5	PROJ. REFERENCE NO.	SHEET NO.
	W-5704E	X-52

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

340
335
330
325

0.020
3:1
334.67
11+50.00

0.020
3:1
334.69
11+25.00

-DRWI-

75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75

10/11/2024
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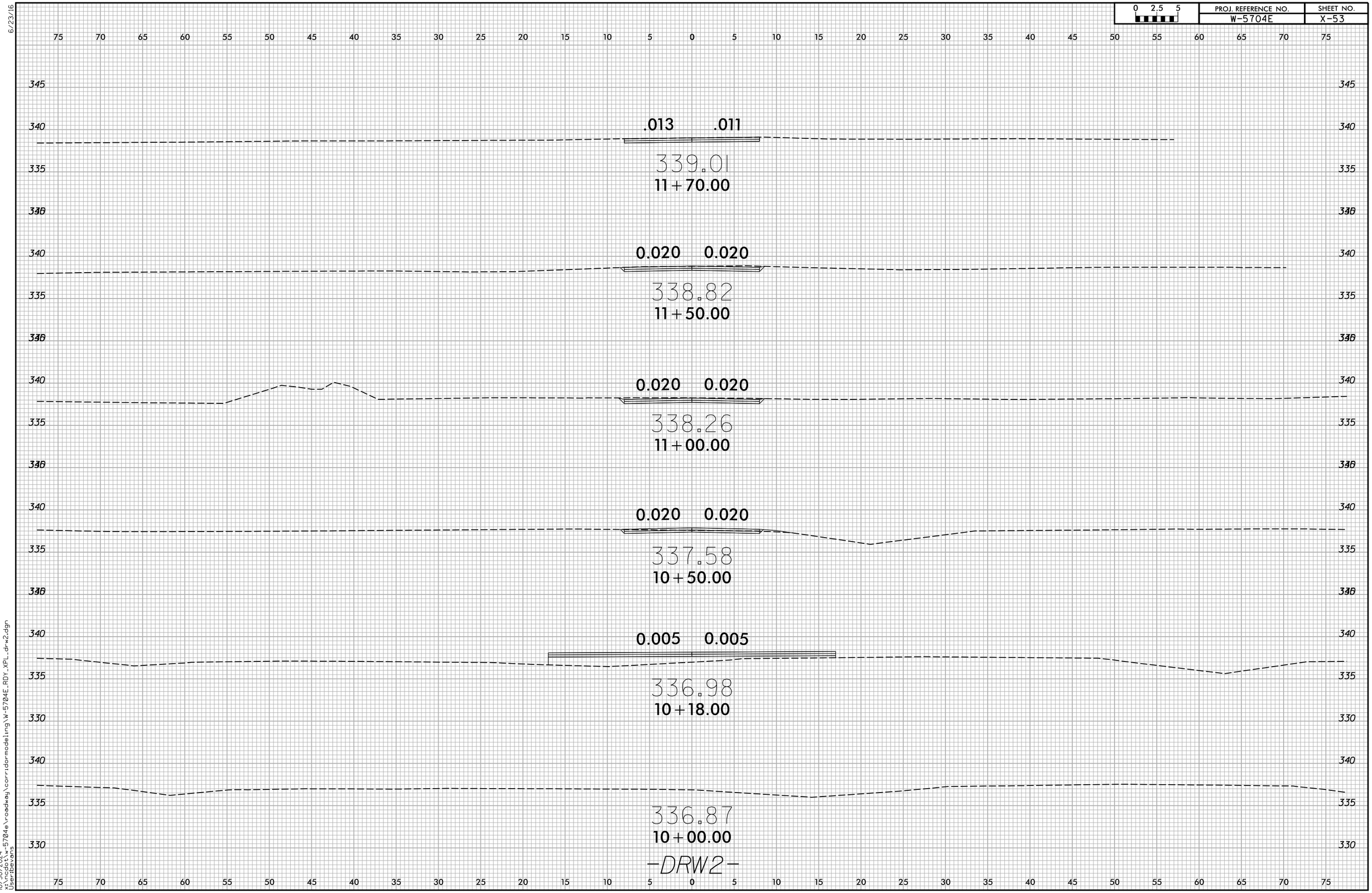
User:bevans



6/23/16

10/30/2024
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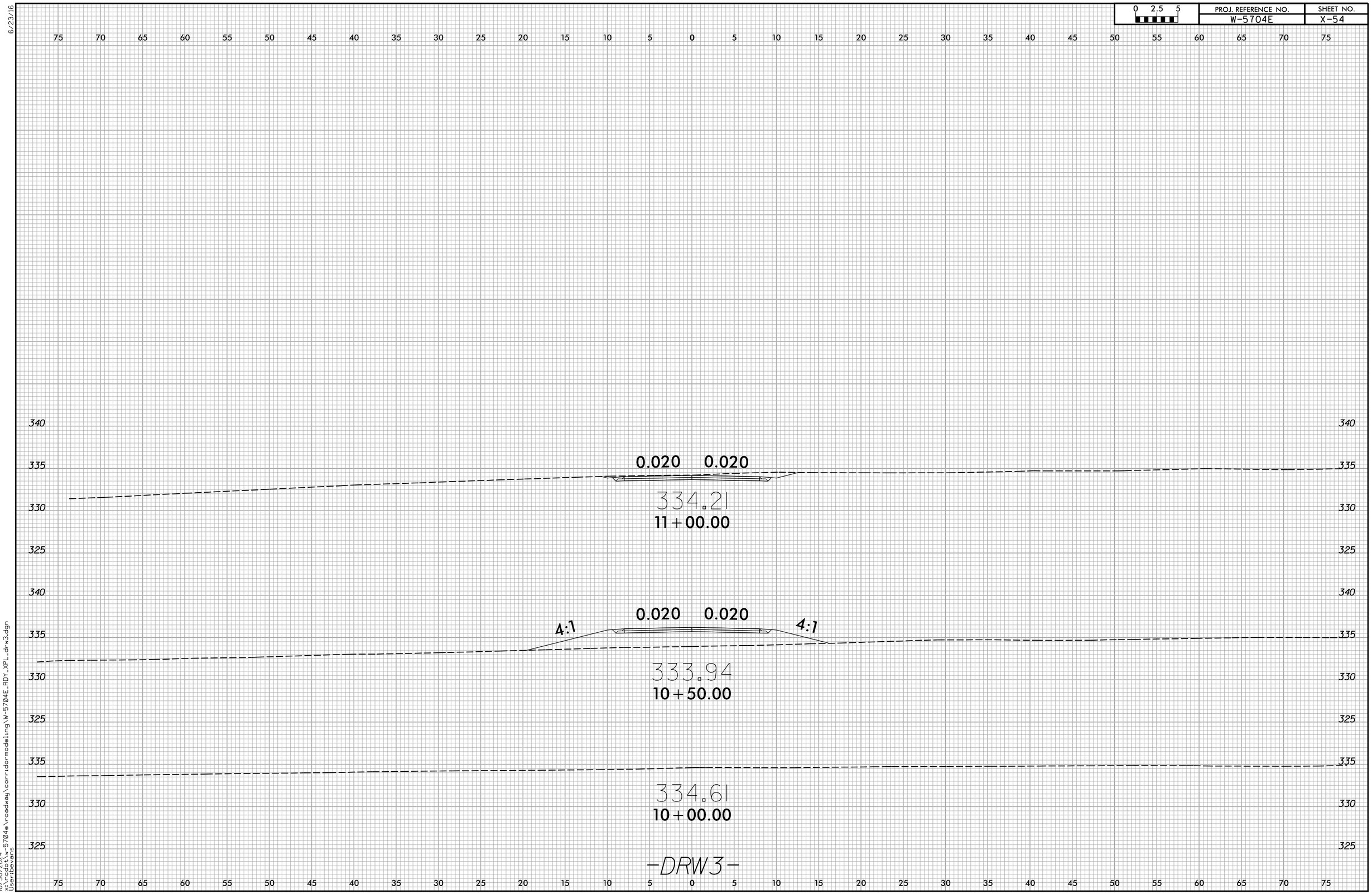
User:bevans



6/23/16
10/30/2024
x:\rcdot\w-5704e\roadway\corridormodeling\W-5704E_RDY_XPL_drw3.dgn
User:bevans