

DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING
SLOPE 1 TO 1, ROADWAY OF ANY WIDTH

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	0
1	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	1
2	2.00	2.10	2.20	2.30	2.40	2.50	2.60	2.70	2.80	2.90	2
3	3.00	3.10	3.20	3.30	3.40	3.50	3.60	3.70	3.80	3.90	3
4	4.00	4.10	4.20	4.30	4.40	4.50	4.60	4.70	4.80	4.90	4
5	5.00	5.10	5.20	5.30	5.40	5.50	5.60	5.70	5.80	5.90	5
6	6.00	6.10	6.20	6.30	6.40	6.50	6.60	6.70	6.80	6.90	6
7	7.00	7.10	7.20	7.30	7.40	7.50	7.60	7.70	7.80	7.90	7
8	8.00	8.10	8.20	8.30	8.40	8.50	8.60	8.70	8.80	8.90	8
9	9.00	9.10	9.20	9.30	9.40	9.50	9.60	9.70	9.80	9.90	9
10	10.00	10.10	10.20	10.30	10.40	10.50	10.60	10.70	10.80	10.90	10
11	11.00	11.10	11.20	11.30	11.40	11.50	11.60	11.70	11.80	11.90	11
12	12.00	12.10	12.20	12.30	12.40	12.50	12.60	12.70	12.80	12.90	12
13	13.00	13.10	13.20	13.30	13.40	13.50	13.60	13.70	13.80	13.90	13
14	14.00	14.10	14.20	14.30	14.40	14.50	14.60	14.70	14.80	14.90	14
15	15.00	15.10	15.20	15.30	15.40	15.50	15.60	15.70	15.80	15.90	15
16	16.00	16.10	16.20	16.30	16.40	16.50	16.60	16.70	16.80	16.90	16
17	17.00	17.10	17.20	17.30	17.40	17.50	17.60	17.70	17.80	17.90	17
18	18.00	18.10	18.20	18.30	18.40	18.50	18.60	18.70	18.80	18.90	18
19	19.00	19.10	19.20	19.30	19.40	19.50	19.60	19.70	19.80	19.90	19
20	20.00	20.10	20.20	20.30	20.40	20.50	20.60	20.70	20.80	20.90	20
21	21.00	21.10	21.20	21.30	21.40	21.50	21.60	21.70	21.80	21.90	21
22	22.00	22.10	22.20	22.30	22.40	22.50	22.60	22.70	22.80	22.90	22
23	23.00	23.10	23.20	23.30	23.40	23.50	23.60	23.70	23.80	23.90	23
24	24.00	24.10	24.20	24.30	24.40	24.50	24.60	24.70	24.80	24.90	24
25	25.00	25.10	25.20	25.30	25.40	25.50	25.60	25.70	25.80	25.90	25
26	26.00	26.10	26.20	26.30	26.40	26.50	26.60	26.70	26.80	26.90	26
27	27.00	27.10	27.20	27.30	27.40	27.50	27.60	27.70	27.80	27.90	27
28	28.00	28.10	28.20	28.30	28.40	28.50	28.60	28.70	28.80	28.90	28
29	29.00	29.10	29.20	29.30	29.40	29.50	29.60	29.70	29.80	29.90	29
30	30.00	30.10	30.20	30.30	30.40	30.50	30.60	30.70	30.80	30.90	30
31	31.00	31.10	31.20	31.30	31.40	31.50	31.60	31.70	31.80	31.90	31
32	32.00	32.10	32.20	32.30	32.40	32.50	32.60	32.70	32.80	32.90	32
33	33.00	33.10	33.20	33.30	33.40	33.50	33.60	33.70	33.80	33.90	33
34	34.00	34.10	34.20	34.30	34.40	34.50	34.60	34.70	34.80	34.90	34
35	35.00	35.10	35.20	35.30	35.40	35.50	35.60	35.70	35.80	35.90	35
36	36.00	36.10	36.20	36.30	36.40	36.50	36.60	36.70	36.80	36.90	36
37	37.00	37.10	37.20	37.30	37.40	37.50	37.60	37.70	37.80	37.90	37
38	38.00	38.10	38.20	38.30	38.40	38.50	38.60	38.70	38.80	38.90	38
39	39.00	39.10	39.20	39.30	39.40	39.50	39.60	39.70	39.80	39.90	39
40	40.00	40.10	40.20	40.30	40.40	40.50	40.60	40.70	40.80	40.90	40
41	41.00	41.10	41.20	41.30	41.40	41.50	41.60	41.70	41.80	41.90	41
42	42.00	42.10	42.20	42.30	42.40	42.50	42.60	42.70	42.80	42.90	42
43	43.00	43.10	43.20	43.30	43.40	43.50	43.60	43.70	43.80	43.90	43
44	44.00	44.10	44.20	44.30	44.40	44.50	44.60	44.70	44.80	44.90	44
45	45.00	45.10	45.20	45.30	45.40	45.50	45.60	45.70	45.80	45.90	45
46	46.00	46.10	46.20	46.30	46.40	46.50	46.60	46.70	46.80	46.90	46
47	47.00	47.10	47.20	47.30	47.40	47.50	47.60	47.70	47.80	47.90	47
48	48.00	48.10	48.20	48.30	48.40	48.50	48.60	48.70	48.80	48.90	48
49	49.00	49.10	49.20	49.30	49.40	49.50	49.60	49.70	49.80	49.90	49
50	50.00	50.10	50.20	50.30	50.40	50.50	50.60	50.70	50.80	50.90	50

Distances of slope stake from side or shoulder stake for any width roadway, slope 1 to 1. If ground is nearly level, the cut or fill at side stake is located by the double entry method in left column and top row. The number in body of table in same row and column gives distance from side stake to slope stake. If ground is not level estimate the difference in elevation between the side stake and slope stake, lower target by this amount if cut, elevate if fill. Add this amount to cut or fill and find distance in table. Set up rod at this point, and line of sight should cut target. If it does not make the slight adjustment necessary.

2006

CITY ENGINEER'S OFFICE

INDEXED
W.K.
JAN 3 1950

Key Index - - - - P-29

Walker
Johnson
Pope
Crawford
426-49

GRADES-DITCH-ROAD A

AERO DRIVE

From 0+20 to 12+50

Note: Subgrade Elevations of Road A

(in F.B. 32-40
2010)

Ditch = 2:1 Slope

Sketch of Location P-14-15

Flankline-
Ditch

2

5' RP

2+50

103.87	7.65	5.15
		4.20
7.65	C 2.5	C 9.25
	5.0	

INDEXED

W.K.

JAN 3 1950

2+00

403.68	7.84	4.84
		5.18
7.84	C 3.0	F 9.34
	6.0	

1+50

402.50	8.02	5.22
		4.31
8.02	C 2.8	C 0.91
	5.6	

(0+50) Not in order but ok

403.17	8.35	5.6
		8.35
8.35	C 4.00	4.35
	8.0	8.35
		C 0.50

0+90

403.36	8.16	5.6
		4.58
8.16	C 3.15	C 0.43
	6.3	

463 411.52

406.89

P.M. Conc. Man S.F. Cor Lot 24

411.52

Ditch on Rt.
East Aero Drive - Road "A"

Elev.
Ditch

Rt.

5' RP.

3

Station

5+00

404.82	6.70	455
	<u>4.55</u>	485
6.70	C 2.15	6030
	4.3	

4+50

404.63	6.89	489
	<u>4.89</u>	481
6.89	C 2.0	6008
	4.0	

4+00

404.44	7.08	478
	<u>4.78</u>	478
7.08	C 2.3	6000
	4.6	

3+50

404.25	7.27	495
	<u>4.95</u>	493
7.27	C 2.32	6012
	4.6	

3+00

404.06	7.46	512
	<u>5.12</u>	482
7.46	C 2.34	6030
411.52	4.7	

Ditch - East Aero Drive

Fl.
Ditch.

4

5'RP

7+50

405.77	C45	505
	505	505
6.45	C140	0.00
	28	

7+00

405.58	664	534
	534	525
6.64	C130	0.09
	26	

6+50

405.39	683	543
6.83	543	535
	C14	0.08
412.22	28	

TR 527 413.22 457 406.95

6+00

405.20	632	492
	492	492
6.32	C14	0.00
	28	

5+50

411.52

405.01	651	501
6.51	501	491
	C150	0.10
411.52	50	

Dickson Rt. East Aero Drive

5

5 R.P.

412 412.36 3.98 408.24

50' R Hub

FB 2010-50

60' R 14170

10+00 = A R 1549

406.72	5.50	4.40
	<u>4.40</u>	<u>4.25</u>
5.50	0.10	0.15

9+50

406.53	5.69	4.49
	<u>4.49</u>	<u>4.49</u>
5.69	0.10	0.00
	<u>24</u>	

9+00

406.34	5.88	4.68
	<u>4.68</u>	<u>4.13</u>
5.88	0.10	0.05
	<u>24</u>	

8+50

406.15	6.07	4.77
	<u>4.77</u>	<u>4.77</u>
6.07	0.13	0.00
	<u>26</u>	

8+00

412.22

405.96	6.26	4.76
	<u>6.26</u>	<u>4.70</u>
412.22	0.15	0.06
	<u>30</u>	

Ditch on Rt. East Aero. Dr.

Elev

+

Ditch

6

11+68.4 = Δ Lt 15° 47'

407.38	4.98	3.98
	3.98	3.87
4.98	<u>0.00</u>	0.81
	2.0	

11+48.4 = Δ East & West Road

H

407.30	5.06	
5.06		

11+28.4 = Δ Lt 15° 47'

407.21	5.15	4.05
	4.05	4.05
5.15	<u>0.10</u>	0.00
	2.2	

11+00

407.10	5.26	3.86
	3.86	3.30
5.26	<u>0.19</u>	0.56
	2.8	

10+50

406.72	5.64	4.44
	4.44	4.44
5.64	<u>0.120</u>	0.00
	2.9	

Ditch on Rt. East Aero Drive

8
Ditch

7

Ahead
= 12+87.12 station Aero Drive
12+96.4 back Δ Rt 1849

12+50

12+00

Grade
407.87
4.49

Grader
407.69
4.67

407.50
4.86

412.36

4.86
3.96
0.90
18

5' RP

3.49

4.67

3.87

0.80

3.96

3.04

0.12

GRADES-DITCH - Lt. of ROAD "B"

Stations of Road. Gibbs Airport
 15+80 (Location Sketch P. 13)

2
Ditch

407.90 4.46
 4.46 3.56
 C0.90
 1.8

8
~~5.0~~
~~3.56~~
~~3.60~~
~~70.09~~

15+50

407.76 4.60
 4.60 3.70
 C0.90
 1.8

3.70
~~3.70~~
~~0.00~~

15+25

407.64 4.72
 4.72 3.82
 C0.90
 1.8

3.82
~~3.82~~
~~0.00~~

15+00

407.52 4.84
 4.84 3.94
 C0.90
 1.8

3.94
~~4.04~~
~~70.10~~

14+70 - E.C. - 50' Radius.

407.38
 4.98

412.36
 (from P. 7)

412.36

Grades - Ditch Lt of Road 8'

3' R.P.

9
S.P.

18+00

525
527
608

625 408.95
535
609 6.25
18

17+50

549
523
6026

649 408.71
541
6108 6.42
22

17+00

563
563
600

673 408.97
563
6110 6.73
22

16+50

607
607
600

697 408.23
607
6090 6.97
18

T.P. 6.11

415.20

3.27

409.09

11' Lt
17+00

415.20

- 16+10 = B.C. R+

412.36

408.94 4.32
4.32 3.22
412.36 2.2

3.22
5.22
2.00

Ditch Grades - Lt. of Road "B"

5' R.P.

\$
Ditch.

10

20+46.33 = E.C.

405
421
F0.16

505
405
C1.00
2.0

410.15
5.05

20+00

417
417
0.00

527
417
C1.10
2.2

409.93
5.27

19+50

423
423
0.00

553
423
C1.30
2.6

409.67
5.53

19+00

447
457
F0.10

577
447
C1.30
2.6

409.43
5.77

18+50

471
491
0.00

601
491
C1.10

409.19
6.01

415.20

23+00

463	523	411.37
467	463	
10.04	60.60	5.23
	12	

22+50

487	847	411.13
487	487	
0.00	60.60	5.47
	12	

TP 597 416.60 407 411.13

416.60

22+00

381	431	410.89
366	381	
0.15	60.50	4.31
	10	

21+50

385	455	410.65
378	385	
0.07	60.70	4.55
	14	

21+00

415.20

379	479	410.41
379	379	4.79
0.00	60.80	
	16	415.20

Ditch Grades on Lt. of Road 5'

Ditch

12

5' RP

FB 2010-53

chk # 24100 Stake 443 412.17 ✓

24100 = End

388	465	411.85
<u>388</u>	<u>388</u>	
	6077	465
	1.6	

23+50

416.60

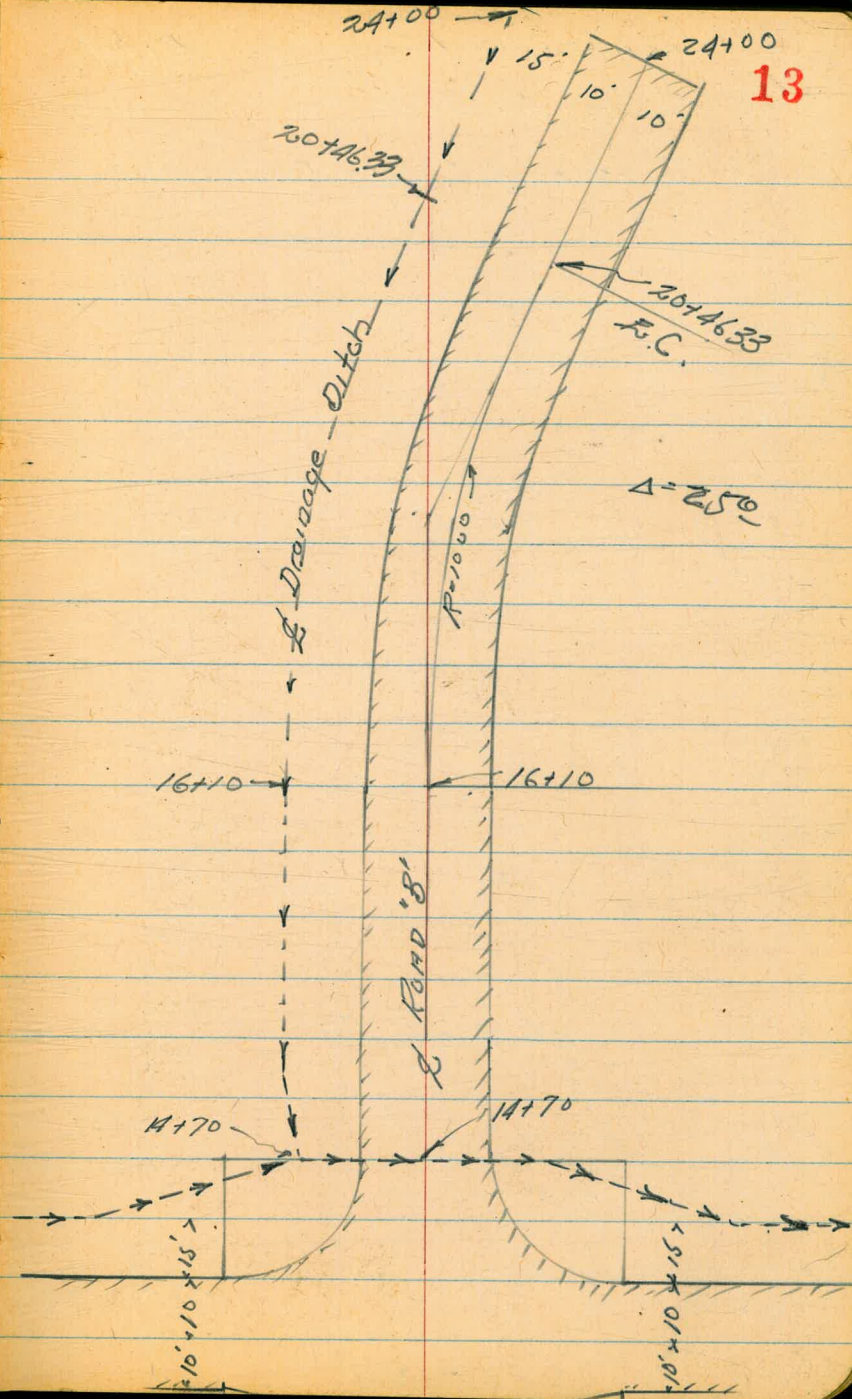
429	499	411.61
<u>421</u>	<u>429</u>	4.99
6008	607	
	14	416.60

Walker
Johnson
Pope
Crawford
4-27-49

Location Proposed Ditch
on Lt. of Road "B"

Gibbs Airport

Grades - P-8-12

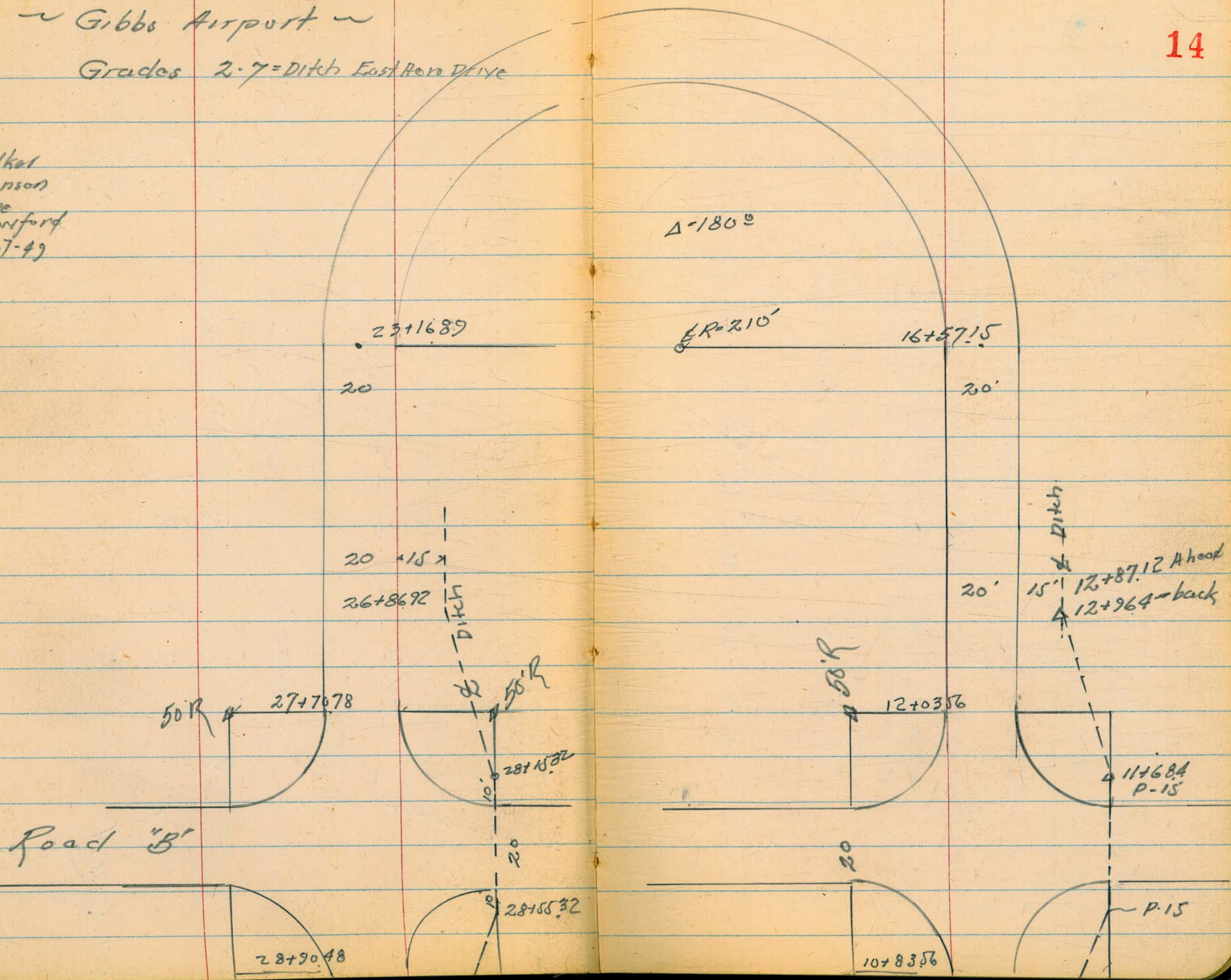


Locations Proposed Ditch
 ~ Gibbs Airport ~

Grades 2.7 = Ditch East Aero Drive

Walker
 Johnson
 Pope
 Claviford
 4-27-49

14

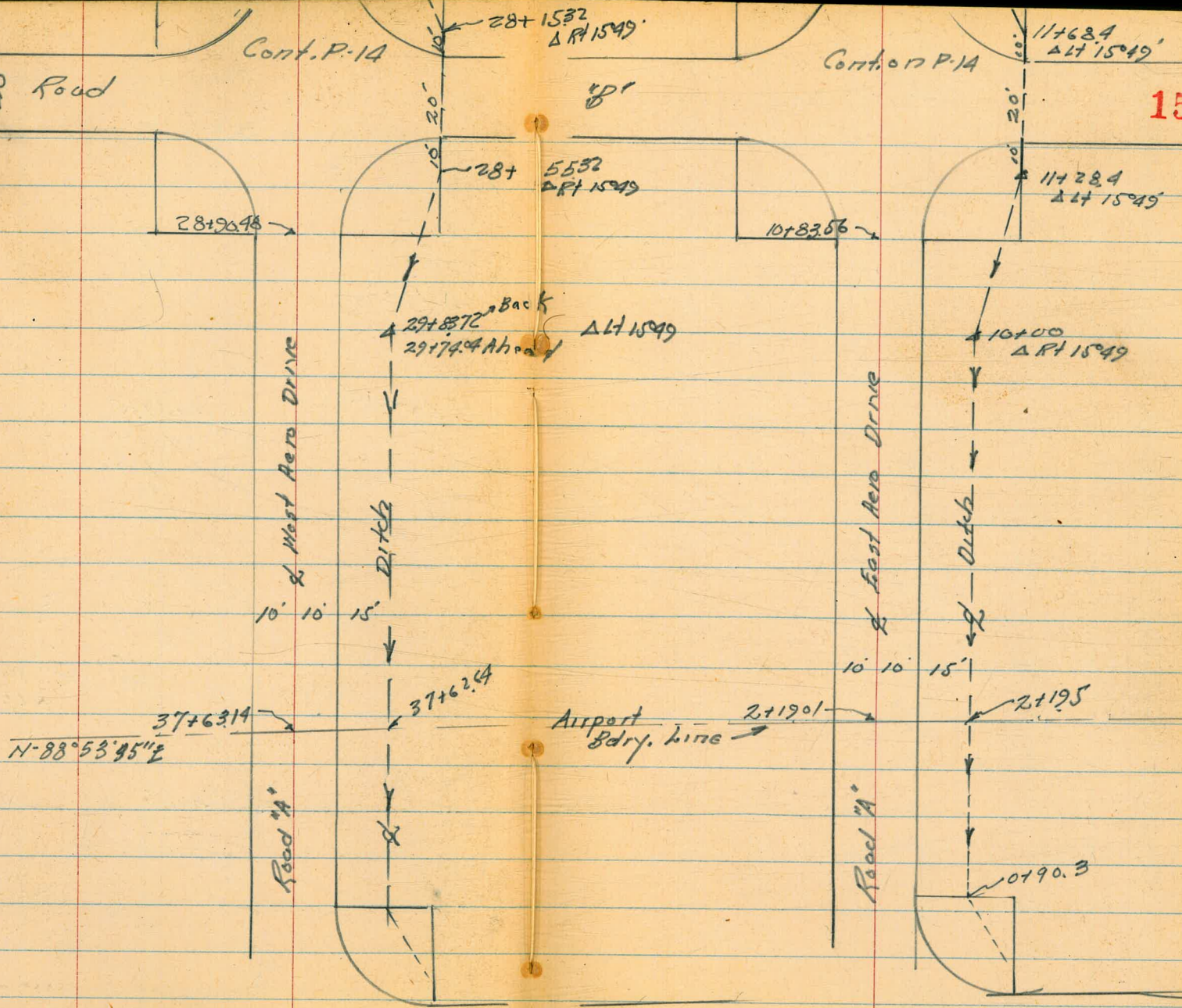


20 Road

Cont. P-14

Cont. on P-14

15



Walker
Paper
Crestford
4-27-99

Gibbs Airport

Grades - Proposed Ditch West Aero Dr No

Slope stakes = 2:1

Ditch
Flowline
grades

Station

5' RP

28+00

4.39
4.39
0.00

4.94
4.39
0.55

405.01

4.94

27+50

4.75
4.55
0.20

4.75
4.75
0.00

405.20

4.75

27+00 = Beg. Ditch

4.26
4.30
0.04

4.56
4.26
0.30
0.6

405.39

4.56

26+86.92

4.51

4.51
4.51
0.00

405.44

4.51

409.95

4.79

409.95

405.16

BM on 56 Radius - 60 Rt 10+50 FB. 2010-49

Ditch - West Aero Drive
Slope stakes

Ditch
Flow line

17

Station

S.R.P.

29+74.04 Ahead }
29+83.72-back } $\Delta L. 15.49'$

523	563	404.32
<u>50.6</u>	<u>523</u>	
60.17	60.90	5.63
	0.8	

29+50

490	550	404.45
<u>490</u>	<u>490</u>	
0.00	60.60	5.50
	1.2	

29+00

491	531	404.64
<u>497</u>	<u>491</u>	
60.06	60.40	5.31
	0.8	

28+55.32 = $\Delta 15.49'$ RT.

434	514	404.81
<u>434</u>	<u>434</u>	
0.00	60.8	5.14
	1.6	

28+15.32 $\Delta 15.49'$ RT

449	499	404.96
<u>449</u>	<u>449</u>	4.99
0.00	60.80	
	1.0	409.95

Ditch - West Aero Drive

Slope Stakes
West Aero Drive

Ditch
Flowline
Grades

18

5' R.P.

TP 406 408 48 5.53 404 42

32+00

589	649	403.46
<u>589</u>	<u>589</u>	
000	00.60	6.49
	1.2	

31+50

560	630	403.65
<u>566</u>	<u>560</u>	
F0.06	00.70	6.30
	1.4	

31+00

531	611	403.84
<u>547</u>	<u>531</u>	
F0.16	00.80	6.11
	1.6	

30+50

522	592	404.03
<u>527</u>	<u>522</u>	
000	00.7	5.92
	1.4	

30+00

409.95

523	573	404.22
<u>517</u>	<u>523</u>	
00.06	00.50	5.73
	1.0	409.95

Slope Stakes - Ditch
West Aero Drive

Ditch
Flow Line
Grades

34+50

487	597	402.51
489	487	
<u>6.02</u>	<u>6.110</u>	5.97
	2.2	

34+00

488	578	402.70
494	488	
<u>7.06</u>	<u>6.290</u>	5.78
	1.8	

33+50

489	559	402.89
489	489	
<u>6.00</u>	<u>6.07</u>	5.59
	1.2	

33+00

470	540	403.08
477	470	
<u>6.07</u>	<u>6.070</u>	5.40
	1.4	

32+50

40848

491	521	403.27
479	491	5.21
<u>6.12</u>	<u>6.35</u>	408.48
	0.6	

Ditch-Slope Stokes
West Aero Drive

Ditch
Flow Line
Grades

20

Stations

TP 4.99 408.50 4.97 403.51

34 37+00

472	6.92	401.56
485	4.72	
<u>4013</u>	<u>6.22</u>	6.92
	4.4	

34 36+50

493	6.73	401.75
493	4.93	
<u>200</u>	<u>61.8</u>	6.73
	3.6	

34 36+00

494	6.54	401.94
503	4.94	
<u>4009</u>	<u>61.6</u>	6.54
	3.2	

34 35+50

485	6.35	402.13
485	4.85	
<u>0.00</u>	<u>61.5</u>	6.35
	3.0	

34 35+00

408.48

476	6.16	402.32
490	4.76	
<u>4014</u>	<u>61.4</u>	6.16
	2.8	408.48

Slope Stakes
Ditch West Aero Drive

\$
Ditch
Flow line
Grades

39+33

369	789	400.71
<u>350</u>	<u>369</u>	
0.14	22	7.89
	<u>84</u>	

38+92.02
11

4.85	765	400.85
<u>4.85</u>	<u>485</u>	
0.00	28	7.65
	<u>56</u>	

38+50

4.70	750	401.00
<u>4.57</u>	<u>470</u>	
0.13	280	7.50
	<u>56</u>	

38+00

4.93	733	401.17
<u>4.17</u>	<u>443</u>	
0.26	29	7.33
	<u>58</u>	

37+62.64 Bk

720	401.30
	7.20

37+50

4.23	713	401.37
<u>4.11</u>	<u>423</u>	
0.12	29	7.13
	<u>58</u>	408.50

Gibbs Airport - Grades Ditch
on Lt - Road "B"

Ditch
Elev. Flow Line

Edge
Shoulder

22

Stations = Road

6+50 6.135 407.67 6.37 401.54

CO 37 ✓
401.96 402.53
5.37

6+00 = Brk. in Ditch

CO 56 ✓
Brk.
401.60 402.16
5.74

5+50

CO 34 ✓
CO 34 ✓
401.45 401.79
15' →
6.12

5+00

CO 12 ✓
401.30 401.42
6.49

4+50 - Low Point

FO 09 ✓
401.20 401.16
6.75

6.37 407.91

401.54

B.M. 100' Lt. 3+53.67 FB 2010-44

Gibbs Airport
Ditch on Lt. of Road "B"

L.
Ditch
Elev.
Fluct Line

Shoulder
Edge

23

9100 = End Ditch

C 0 45'
403.80 404.25
3.42

8150

C 0 33'
403.44 403.77
3.90

8120

C 0 47'
403.20 403.67 15'
4.00' >

7190 = E.C.

C 0 59'
402.98 403.57
4.15'

7150

C 0 69'
402.68 403.27
4.40'

7100

C 0 58'
402.32 402.90
4.77'

407.67
-7

Road "B"

Runway "A" - Ditch on Rt.

Staking for Finishing Graded
Ditch

For Original Slope stakes etc.

See FB 1993-5-8

Flow Line
Ditch

24

5' offset

Cont. p. 25

135+50

409.16

C0.94

410.10

6.63

135+00

409.00

C0.90

409.90

6.83

134+50

408.84

C0.56

409.40

7.33

INDEXED

W.K.

JAN 3 1950

134+00

408.68

C0.63

409.31

7.92

133+50

408.52

C0.80

409.32

7.41

133+00

408.36

C0.86

409.22

7.51

132+50

408.20

C0.85

409.05

7.68

132+12.93 - End Existing 24" Conc. Pipe

F.B. 1861

47

408.08

408.16

8.57

415

416.73

417.58

B.M. #4

Runway "A" - Ditch on Rt.

Flow Line
Ditch

25

5' Rt offset

140+00

410.60

01³²
411.92
6.44

T.P.

6.78 418.36 5.15 411.58

918²⁶

01¹⁴

139+50

410.44

411.58
5.15

139+00

410.28

00⁸³
411.11
5.62

138+50

410.12

00⁸⁶
410.98
5.75

138+00

409.96

01²⁷
411.03
5.70

137+50

409.80

01²⁴
410.84
5.89

137+00

409.64

00²⁸
410.62
6.11

136+50

409.48

01²³
410.51
6.22

136+00

409.32

00⁸⁰
410.12
6.61

Cont from P-24

416.73

Runway "B" - Ditch on Rt
Cont. from P-25

2
Flow line
Ditch

26

5.12. 413.24

250 ft
140+50

141+67.9

412.64

141+50

141+00 = Brk.

410.22

C.1.14
412.06
6.30

140+50

410.76

C.1.23
411.99
6.37

418.36

'B' Runway-Ditch on St.
 Staking for Finishing Graded Ditch

for Original Slope stakes sec 18 1860
 48

offset
 5' 4"

27

31+00

C0.27
 410.27
 7.07 409.30

30+50

C0.28
 410.07
 7.27 409.09

30+00

C0.26
 409.63
 7.71 408.87

29+50

C0.31
 409.51
 7.83 408.70

29+00

C0.23
 409.27
 8.07 408.54

28+50

C0.66
 409.03
 8.31 408.37

28+00

C0.22
 409.12
 8.22 408.20

27+62.93 - End Exst. 24" Conc. Culvert

408.16
 9.18 408.08

4.76 417.34

412.58

BM #4 FB1860
 78

417.34
 3

"B" Runway - Ditch on 4.
Cont. from p 27

28

4.82

412.52

2504+
33+50

33+50

C0⁴⁴

410.84

6.50

410.40

33+00

C0⁵²

410.70

6.64

410.18

32+50

C0⁷²

410.68

6.60

409.96

32+00

C1¹³

410.87

6.47

409.74

31+50

C1²²

410.54

6.80

409.32

417.34

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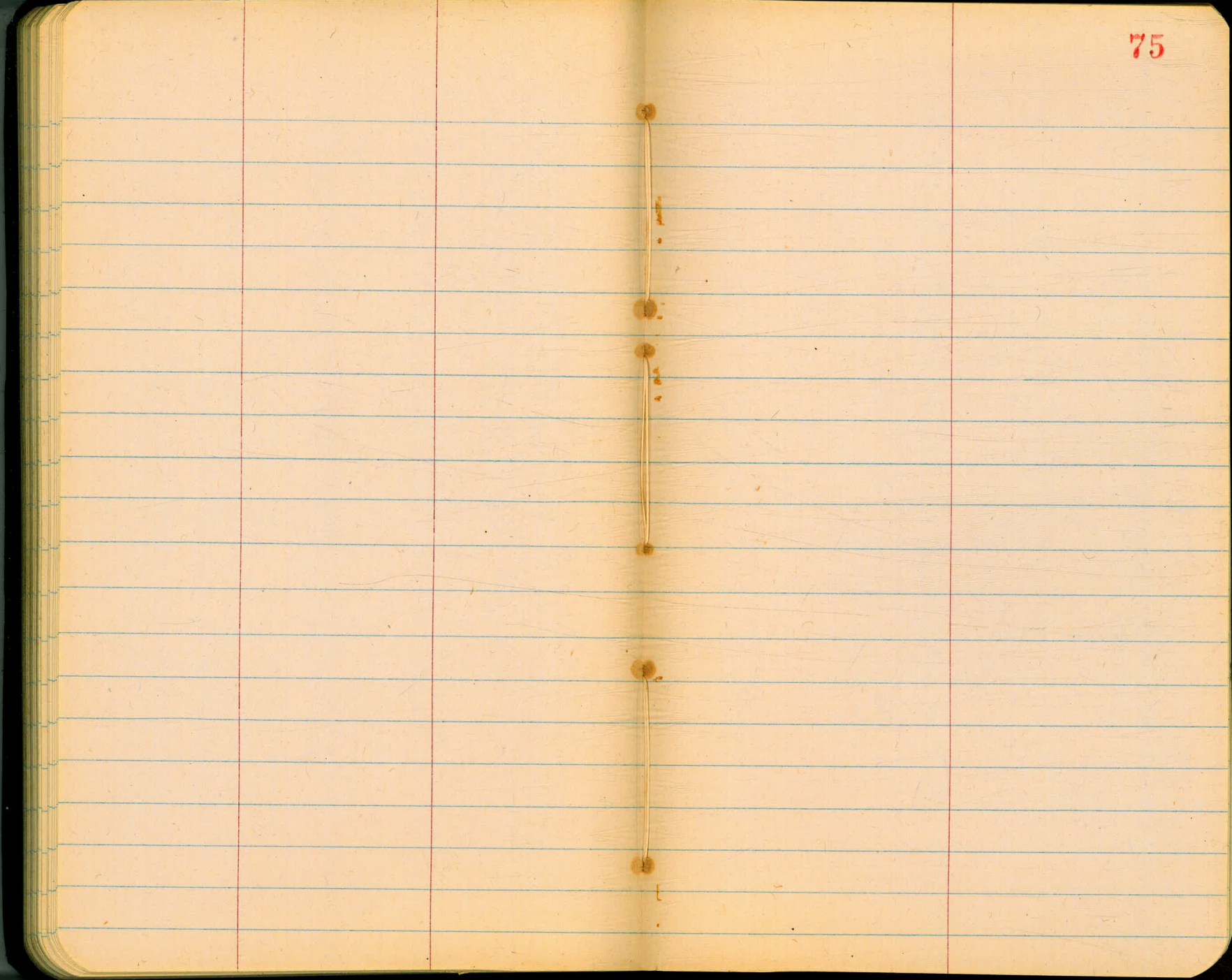
62

65

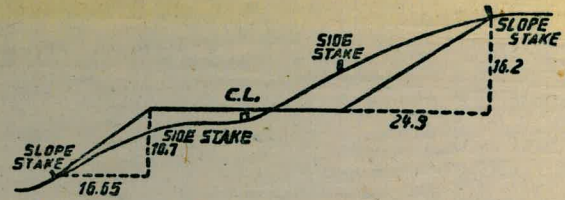
66

67

74



80



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING.

SLOPE 1 1/2 TO 1. ROADWAY OF ANY WIDTH.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0.00	0.15	0.30	0.45	0.60	0.75	0.90	1.05	1.20	1.35	0
1	1.50	1.65	1.80	1.95	2.10	2.25	2.40	2.55	2.70	2.85	1
2	3.00	3.15	3.30	3.45	3.60	3.75	3.90	4.05	4.20	4.35	2
3	4.50	4.65	4.80	4.95	5.10	5.25	5.40	5.55	5.70	5.85	3
4	6.00	6.15	6.30	6.45	6.60	6.75	6.90	7.05	7.20	7.35	4
5	7.50	7.65	7.80	7.95	8.10	8.25	8.40	8.55	8.70	8.85	5
6	9.00	9.15	9.30	9.45	9.60	9.75	9.90	10.05	10.20	10.35	6
7	10.50	10.65	10.80	10.95	11.10	11.25	11.40	11.55	11.70	11.85	7
8	12.00	12.15	12.30	12.45	12.60	12.75	12.90	13.05	13.20	13.35	8
9	13.50	13.65	13.80	13.95	14.10	14.25	14.40	14.55	14.70	14.85	9
10	15.00	15.15	15.30	15.45	15.60	15.75	15.90	16.05	16.20	16.35	10
11	16.50	16.65	16.80	16.95	17.10	17.25	17.40	17.55	17.70	17.85	11
12	18.00	18.15	18.30	18.45	18.60	18.75	18.90	19.05	19.20	19.35	12
13	19.50	19.65	19.80	19.95	20.10	20.25	20.40	20.55	20.70	20.85	13
14	21.00	21.15	21.30	21.45	21.60	21.75	21.90	22.05	22.20	22.35	14
15	22.50	22.65	22.80	22.95	23.10	23.25	23.40	23.55	23.70	23.85	15
16	24.00	24.15	24.30	24.45	24.60	24.75	24.90	25.05	25.20	25.35	16
17	25.50	25.65	25.80	25.95	26.10	26.25	26.40	26.55	26.70	26.85	17
18	27.00	27.15	27.30	27.45	27.60	27.75	27.90	28.05	28.20	28.35	18
19	28.50	28.65	28.80	28.95	29.10	29.25	29.40	29.55	29.70	29.85	19
20	30.00	30.15	30.30	30.45	30.60	30.75	30.90	31.05	31.20	31.35	20
21	31.50	31.65	31.80	31.95	32.10	32.25	32.40	32.55	32.70	32.85	21
22	33.00	33.15	33.30	33.45	33.60	33.75	33.90	34.05	34.20	34.35	22
23	34.50	34.65	34.80	34.95	35.10	35.25	35.40	35.55	35.70	35.85	23
24	36.00	36.15	36.30	36.45	36.60	36.75	36.90	37.05	37.20	37.35	24
25	37.50	37.65	37.80	37.95	38.10	38.25	38.40	38.55	38.70	38.85	25
26	39.00	39.15	39.30	39.45	39.60	39.75	39.90	40.05	40.20	40.35	26
27	40.50	40.65	40.80	40.95	41.10	41.25	41.40	41.55	41.70	41.85	27
28	42.00	42.15	42.30	42.45	42.60	42.75	42.90	43.05	43.20	43.35	28
29	43.50	43.65	43.80	43.95	44.10	44.25	44.40	44.55	44.70	44.85	29
30	45.00	45.15	45.30	45.45	45.60	45.75	45.90	46.05	46.20	46.35	30
31	46.50	46.65	46.80	46.95	47.10	47.25	47.40	47.55	47.70	47.85	31
32	48.00	48.15	48.30	48.45	48.60	48.75	48.90	49.05	49.20	49.35	32
33	49.50	49.65	49.80	49.95	50.10	50.25	50.40	50.55	50.70	50.85	33
34	51.00	51.15	51.30	51.45	51.60	51.75	51.90	52.05	52.20	52.35	34
35	52.50	52.65	52.80	52.95	53.10	53.25	53.40	53.55	53.70	53.85	35
36	54.00	54.15	54.30	54.45	54.60	54.75	54.90	55.05	55.20	55.35	36
37	55.50	55.65	55.80	55.95	56.10	56.25	56.40	56.55	56.70	56.85	37
38	57.00	57.15	57.30	57.45	57.60	57.75	57.90	58.05	58.20	58.35	38
39	58.50	58.65	58.80	58.95	59.10	59.25	59.40	59.55	59.70	59.85	39
40	60.00	60.15	60.30	60.45	60.60	60.75	60.90	61.05	61.20	61.35	40
41	61.50	61.65	61.80	61.95	62.10	62.25	62.40	62.55	62.70	62.85	41
42	63.00	63.15	63.30	63.45	63.60	63.75	63.90	64.05	64.20	64.35	42
43	64.50	64.65	64.80	64.95	65.10	65.25	65.40	65.55	65.70	65.85	43
44	66.00	66.15	66.30	66.45	66.60	66.75	66.90	67.05	67.20	67.35	44
45	67.50	67.65	67.80	67.95	68.10	68.25	68.40	68.55	68.70	68.85	45
46	69.00	69.15	69.30	69.45	69.60	69.75	69.90	70.05	70.20	70.35	46
47	70.50	70.65	70.80	70.95	71.10	71.25	71.40	71.55	71.70	71.85	47
48	72.00	72.15	72.30	72.45	72.60	72.75	72.90	73.05	73.20	73.35	48
49	73.50	73.65	73.80	73.95	74.10	74.25	74.40	74.55	74.70	74.85	49
50	75.00	75.15	75.30	75.45	75.60	75.75	75.90	76.05	76.20	76.35	50

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