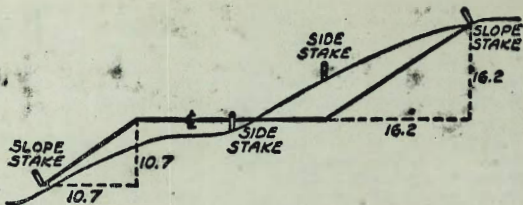


G-254



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

Distance 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.

INDEXED
Completely
except pages # 1,

MICROFILMED

APR 13 1965

Madison Ave. Grades Alley east of
Winona to 57th St.

INDEXED

W. K.

AUG 3 1949

March-11-49

2

	H Line	Line		
TP	7.99	390.58	336	382.59
1+51.5 - W.L. Winona		382.60	³³⁵ 346 on Cb	^{4.15} 381.80
1+43.5 - C.B.C.		382.15	³²⁵ 323 01.2	381.75 ³³ C84 07 Rad.
1990'		382.17	³⁸ 18 02.9 1/2 Rail 1/2 125'	381.50 ⁴⁴ 0.0 5
1+51.5'		381.88	⁴¹ 3.5 09.1 Rail Fence 1/2 125'	381.25 ⁴⁷ 00.3 5
3-41.5		381.60	⁴³ 2.0 01.4	381.00 ⁴⁹ 5.2 5
0+0 - Alley		381.54	⁴⁴ 4.7 on Pav.	380.94 ⁵⁰ 5.10 2.5 1.4
BM	5.58	385.95		380.27 S.F. & P. Madison 477 1179-37

H.Cb Gurb S Gurb S.Cb

Madison Ave

2+70 = W.L. 50 th	W.L. 4.83 4.81 on cb	385.75	S.L. 5.23 5.27 on cb	385.35
+62 = C.B.C.	4.2 2.6 C 2.6 on Rod.	385.82	5.2 2.6 C 2.6 on Rod.	385.42
2+10	4.2 2.6 C 2.6 on Rod.	386.32	4.7 2.6 C 2.7 on 3 Force	385.86
+90	4.1 2.4 C 2.4	386.43	4.6 2.6 C 3.0 5	385.96
+70	4.2 2.5 C 1.7 5	386.40	4.7 2.5 C 2.2 5	385.91
+50	4.4 2.5 C 1.7 5	386.21	4.9 3.2 C 1.7	385.72
1+25 = P.V.C.	4.8 3.9 C 0.9 5	385.77	5.3 3.9 C 1.4 5	385.27
+86	5.6 4.5 C 1.1 5	384.97	6.1 4.9 C 1.2 5	384.47
+47	6.4 4.7 C 1.7 3	384.17	6.9 5.9 C 1.0 5	383.67
+08 = C.B.C.	7.2 5.7 C 1.5 on Rod.	383.70	7.7 6.8 C 0.9 on Rod.	382.87
0+0 = F.L.V. 10 th on rd	7.38 7.36 on Pav.	382.20	7.88 7.91 on cb	382.70
	390.58			

Madison Ave

March 22-49
Prip Grader

4

TP 6.01 392.39 5.60 386.38
H.L. 5.6

2+70 - H.L. Flading 386.80 386.40
5.18 5.58
5.60 on cb

2+62 - C.B.C. 386.77 386.37
5.6 5.6
5.7 5.7
0.03 on Rad. 0.03 on Rad.

2+33 386.66 386.16
5.3 5.7
0.03 0.03

+84 386.54 386.14
5.5 5.8
5.5 5.5
0.03 on op. 0.03 on op.

1+45 - F.L. All 386.43 386.03
5.4 6.0
5.0 5.7
0.03 0.03

1+25 - H.L. Flading 386.37 385.97
5.6 6.0
5.7 5.7
0.03 0.03

+86 386.25 385.85
5.7 6.0
5.7 5.7
0.03 on Rad. 0.03 on Rad.

+47 386.14 385.74
5.9 6.0
5.5 5.5
0.03 on Rad. 0.03 on Rad.

+08 - C.B.C. 386.02 385.62
6.0 6.0
5.9 5.9
0.03 on Rad. 0.03 on Rad.

0+0 - F.L. 50' 386.00 385.60 6.38
5.98 6.30 on cb

TP 4.35 391.98 2.95 387.63
5 FT Top of Hill
Madison
+ 50' on top

390.58

Madison Ave.	709	384.59	5.50 5.50 5.50
BM 2.74	391.68	31.25	388.94
3+30 = C.B.C.H.	387.00		
	5.4		
	5.8		
	5.5		
3+0	387.30		
	5.4		
	5.8		
	5.5		
2+70 = W.L. 57 th St.	387.60	48	387.20
	5.19		5.19
2+62 = C.B.C.H. 1.50	387.57		387.17
	4.3		5.4
	5.3		5.4
	5.5		5.4
2+23	387.46		387.06
	4.9		5.3
	5.8		4.7
	5.5		5.2
1+84	387.34		386.94
	5.9		5.4
	5.8		5.6
	5.5		5.4
1+15 = E.L. Alley to South	387.23		386.83
	5.4		5.5
	5.7		5.3
	5.5		5.6
1+25 = W.L. Alley to South	387.17		386.77
	5.4		5.6
	5.7		5.6
	5.5		5.6
1+86	387.05		386.65
	5.3		5.7
	5.8		5.6
	5.5		5.4
1+17	386.94		386.54
	5.5		5.8
	5.8		5.4
	5.5		5.4
1+08 = C.B.F.C.	386.82		386.42
	5.6		5.9
	5.8		5.6
	5.5		5.6
0+0 = E.L. H. Adams	386.80		386.40
	5.59		5.9
	5.7		5.4
	5.5		5.4
	392.39		

2+70 = 2x L. 7 Hades	390.30	5	390.00	5.17 5.03 on Cb. For
+62 = C6BC. 5.			389.94	5.2 4.1 2.1 on Rad.
+52.41 = C6BC. No.	390.16			
2+23	389.92		389.62	5.6 3.2 0.19 5
TP 5.40	395.17	4.77	389.77	
+84	389.60		389.35	5.2 3.8 0.17
+48	389.30		389.04	
+45 = F.L. Flyer to South	389.28	5.26 5.18 2.08 on Cb.	389.02	5.5 4.1 0.7
+30	85 No 1/2 Gas Valve			
1+25 = M.H. Flyer to South	389.12	5.4 3.8 0.15 0.1 wall	388.86	5.7 4.6 0.15 0.15
+22	389.10		388.84	
+86	388.80	5.7 3.7 0.26 0.1 wall	388.55	6.0 3.5 0.25 0.1
+47	388.48	6.4 3.8 0.17 0.1 wall	388.25	6.3 3.8 0.25 1 on red
+08 = C6FC	388.16	6.2 4.3 2.1 on Rad.	387.95	6.6 3.2 0.1 on Rad.
0+0 = F.L. 50st	388.10	6.45 on Cb.	387.90	6.64 6.62 on Cb.

3945.97

HCS	2	#2 506	8
		390.00	2.71
		389.94	2.77
		389.62	3.09
		389.60	3.11
		389.30	3.39
		389.02	3.67
		388.88	3.87
1+12	388.53	5.59 5.52 5.52 5.52 5.52 5.52	3.87
	389.10	3.61	3.87
	388.80	3.91	4.15
TP	4.41	392.71	4.73
		388.48	4.99
		388.16	5.03
		387.85	
BM #2	5.29	394.14	5.85
		392.97	6.19

N.W. 80
Feb 20 1906

Adams Ave.

N

S

1+73.4 = C.B.C. 50
70.67%

389.04

5.6
4.3
1.3
on Rad

1+65.6

389.08

5.6
4.3
1.3

TP

5.98

394.67

6.28

388.89

N.Y. B.P.
Adams
4.57
388.85

1+26.2

389.50

5.9
4.6
1.3
5

+86.8

389.52

5.7
4.3
1.4
5

+97.4

389.74

5.4
4.0
1.4
3
x on Core
Dr.

+0.8 = C.B.C. 50

389.96

5.2
4.1
1.1
on Rad.

0+0 = E.L. 71/1 at end

390.00

5.17
5.07 on C.B.C.

395.17

March 30-49

S. 550.7

Smith

Barger

Ac. 388.98 492 9

389.00

495

389.02

493

389.04

491

389.08

4.87

389.50

4.65

389.52

4.43

389.74

4.21

389.96

3.99

390.00

3.94

390.04

391

First

390.07

388.85

388

N.Y. B.P.

Adams

51st St

877

5.10

390.95

+12.57 386.20 $\frac{8.37}{8.30}$ 387.00 $\frac{7.7}{60.3}$

+150.39 386.62 $\frac{8.0}{6.8}$ 387.34 $\frac{7.3}{6.4}$
15 X on
walk $\frac{0.15}{15}$ $\frac{0.9}{5}$

+30.39 387.02 $\frac{7.6}{6.3}$ 387.77 $\frac{6.9}{5.9}$
15 $\frac{0.15}{15}$ $\frac{0.10}{5}$

+10.39 387.42 $\frac{7.8}{6.2}$ 388.20 $\frac{6.5}{6.1}$
15 $\frac{0.15}{15}$ $\frac{0.4}{5}$

+03.57 = Cb FC on N 387.51 $\frac{7.6}{7.06}$ out
2nd

0 + 0 = Cb FC on S $\frac{6.3}{6.0}$ 388.38 $\frac{6.3}{6.0}$
Fast of 5/15/57 $\frac{0.3}{0.3}$ on Rad

394.67

Paving Grades Alley Block "H"
 Montecello From Monroe to Madison
 between 5th and 50th St.

	West	East
+56	380.66	380.96
INDEXED		
2+12	380.39	380.69
+68	380.11	380.41
17+24	379.84	380.14
5-11		
+80 = F.V.C.	379.56	379.86
+60	379.37	379.66
+40	379.06	379.32
+20	378.63	378.83
0+0 = H.L. Monroe	378.08	378.20

	West	East
+60 = P.V.C.	385.00	385.30
5+15	384.22	384.52
+70	383.44	383.74
4+25	382.67	382.97
1-43		
+80 = F.V.C.	381.89	382.19
+60	381.56	381.86
+40	381.31	381.61
+20	381.10	381.40
3+0 = P.V.C.	380.94	381.24

AUG 13 1949

H.K.

00627

01728

Alley Block H

Paving Grades Alley Block E

12

Montecello From Madison to Adams
Between Winona + 50th St.

	W	E	W	E
			1+0	387.59
			2+0	387.45
			4+0	387.31
			1+20	387.17
			12-40	
			180 = E.V.C.	387.03
+50.25 = N.L. Madison	385.20	385.60	4+0	386.91
+10	385.38	385.68	4+0	386.68
+20	385.41	385.78	4+20	386.35
6+0	385.45	385.75	0+0 = N.L. Madison	385.90
5+80	385.29	385.59		

INDEXED

W.K.

AUG 3 1949

387.59

387.59

	W	E	W	E
+80	388.75	388.75		
+60 = P.V.C.	388.71	388.71		
5+20	388.57	388.57		
+80	388.43	388.43		
+40	388.29	388.29		
4+0	388.15	388.15	6+50.29 = S.L. Adams	388.40
+60	388.01	388.01	40	388.49
3+20	387.87	387.87	20	388.64
2+80	387.73	387.73	6+0	388.72

0035

0035

Paving Grades Alley Block F Montacello
 From Madison to Adams
 Between 50th + H. Adams

+50 = SL Adams 388.80

E
 388.90

INDEXED

M.K.
 AUG 3 1949

+18 387.73 387.73

+30 389.28 389.29

3+22 387.56 387.56

6+10 389.54 389.56

+76 387.40 387.40

+90 389.55 389.56

2+50 387.23 387.23

+70 = PVC 389.25 389.35

+84 387.06 387.06

+40 = FVC 388.85 388.85

1+38 386.90 386.90

+20 388.61 388.61

+92 386.73 386.73

5+0 388.33 388.33

+46 386.57 386.57

+80 388.21 388.21

0+0 = H. Madison 386.40 386.40

+60 = PVC 388.06 388.06

4+14 387.89 387.89

Rough Grades Monroe
 Dawson to Contour
 DWG 7204 L

15

INDEXED
 W.K.
 AUG 3 1949

2+12.38	End. E Line Contour			5.3	390.6	390.50	CO ¹ ✓
1+83.38	EC Ch			4.1	391.8	390.90	CO ² ✓
1+71.51	BC BC			4.3	391.6	391.00	CO ⁶ ✓
1+50	Rt.			4.2	391.7	390.70	CI ² ✓
1+10	Rt.			5.3	390.6	390.20	CO ⁴ ✓
0+59.92	Lt BC Ch Ret.	4.7	391.2	389.90			CI ³ ✓
0+59	Rt.			5.7	390.2	389.04	CI ³ ✓
0+49.96	Lt	5.6	390.3	389.15			CI ¹ ✓
0+45.71	Lt			388.65			
0+10	EC Ch Ret Lt.	6.4	389.8	388.40			CI ¹ ✓
0+08	EC Ch Ret Rt			6.2	389.7	387.88	CI ² ✓
0+00	E Line Dawson						
B.M.	4.82	395.93	391.11	(SE Top F. Hydt. Dawson & Monroe)			

Rough Grades Contour

Monroe to Dawson

DWG 7204 L

Sta	H.I.	- Lt.	Elev Stake Lt.	Elev. Ch. Lt.	Cor F Lt.	- Rt.	Elev Stake Rt.	Elev. Ch. Rt.	Cor F Rt.
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INDEXED

AUG ^{N.K.} 3 1949

T.P.	6.21		389.72						RR Spike in Power Pole JP 4535 Dawson & Contour
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2+88.72	E Line Dawson					7.3	388.6	389.44	C1 ³ ✓
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2+73.23						6.9	389.0	387.60	C1 ⁴ ✓
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2+27.67						5.4	390.5	388.09	C2 ⁴ ✓
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1+82.11	EC Cor Lt.	5.5	390.4	389.10	C1 ³ ✓	5.0	390.9	388.57	C2 ³ ✓
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1+38.61		5.0	390.9	389.57	C1 ³ ✓	4.0	391.9	389.03	C2 ⁸ ✓
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0+95.11		4.3	391.6	390.04	C1 ⁶ ✓	3.5	392.4	389.49	C2 ⁹ ✓
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0+51.61	ECb Ret Lt. R18 Lt	4.5	391.4	390.50	C0 ⁹ ✓	3.9	392.0	389.95	C2 ⁰ ✓
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0+09	EC Cb Ret Rt.					4.1	391.8	390.41	C1 ⁴ ✓
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0+00 H Line Monroe

39593 (from P. 15)

Rough Grades Contour Blk.
Dawson to 52nd

Sta	+	H ¹	- Lt	Elev.	Elev.	Cor F		- Lt	Lt. Stake B.	Elev.	Cor F
B.M.				Stake Lt.	Gr. Lt.	L			Lt. Stake B.	Grade Lt	Rt.
3186.78	BC Ret. Lt		6.55	384.57	384.59	SEBP 52nd		7.5	383.6	383.85	FO ³
3166.90	EC		4.5	386.6	384.50	C2 ¹		7.3	383.8	384.00	FO ³
3142.88			3.8	387.3	384.76	C2 ⁵ ✓		6.8	384.3	384.20	CO ¹
3118.86			3.4	387.7	385.02	C2 ⁵ ✓		5.5	385.6	384.40	C1 ³ ✓
2194.84			3.1	388.0	385.29	C2 ⁷ ✓		5.0	386.1	384.60	C1 ⁵ ✓
2170.82			2.6	388.5	385.54	C3 ⁰ ✓		4.3	386.8	384.80	C2 ⁰ ✓
2146.80			2.6	388.5	385.80	C2 ² ✓		3.9	387.2	384.99	C2 ³ ✓
2122.78			2.6	388.5	386.05	C2 ⁴ ✓		4.5	386.6	385.18	C1 ⁴ ✓
1198.76	BC		2.9	388.2	386.30	C1 ⁹ ✓ (10' at)		4.7	386.4	385.38	C1 ⁰ ✓
1184.32	E Line Alley Lt.		3.9	387.2	386.39	CO ⁸ ✓		5.2	385.9	385.49	CO ⁴ ✓
1153.60			3.8	387.3	386.57	CO ⁷ ✓		5.1	386.0	385.74	CO ³ ✓
1122.88			2.7	388.4	386.76	C1 ⁶ ✓		5.1	386.0	385.99	CO ⁰ ✓
0192.10			3.2	387.7	386.94	CO ⁸ ✓		5.5	385.6	386.24	FO ⁶ ✓
0161.44			3.1	388.0	387.13	CO ⁹ ✓		5.5	385.6	386.49	FO ⁹ ✓
0130.72			2.9	388.2	387.31	CO ⁹ ✓		4.4	386.7	386.74	CO ⁰ ✓
0100	EC Dawson & Contour		2.6	388.5	387.50	C1 ⁰ ✓		3.7	387.4	387.00	CO ⁴ ✓
B.M.	140	391.12			389.72						(RR 3/4 in Pole from P. 17)

Curve Station 36 line
Contour Blk.

Rough Grades Monroe
52nd to Dawson

18

Sta.	+	Dwg. 7204		Ch.		Cor F Lt.		- Rt.	Ch.		Cor R Rt.
		H.I.	- Lt.	Elev. Stake Lt.	Elev. Gr Lt.				Elev. Stake Rt.	Elev. Gr Rt.	
2170										387.00	
2162			2.8	388.7	387.43	C1 ³	/	3.5	388.0	386.95	C1 ⁰
2123			3.6	387.9	387.10	C0 ⁸	/	3.9	387.6	386.66	C0 ⁹
1184			4.1	387.4	386.77	C0 ⁶	/	4.5	387.0	386.37	C0 ⁶
1145			4.3	387.3	386.43	C0 ⁹	/	5.8	385.7	386.08	F0 ⁴
1125			5.0	386.5	386.26	C0 ²	/	6.1	385.4	385.93	F0 ³
0186			5.7	385.8	385.93	F0 ¹	/	6.3	385.2	385.64	F0 ⁴
0147			5.7	385.8	385.60	C0 ³	/	5.9	385.6	385.35	C0 ³
0108			5.8	385.7	385.27	C0 ⁴	/	5.3	386.2	385.06	C1 ¹
0100					385.20					385.00	
B.17		0 ³⁷		391.48	391.11						

(SE Top Hyd. Monroe & Dawson)
P. 15

4-20-49
Hendricks
Greer
Earer

DWG 72094
Stake Alley Block F
Monticello Rough Grades

CK 15M

536. 388.04 287.98
SW 1/4
5048 Acres 19

INDEXED

L+50 So Line Adams		-Lt	Elev. Stake Lt	Elev. Gr Lt	Cor F	-Rt	Elev. Stake Rt	Elev. Gr Rt	Cor F
6+20				388.80	Lt				
		2.8	390.6	389.28	C1 ²	31	390.2	388.90	C1 ²
6+10		2.1	391.3	389.54	C1 ³	31	390.2	389.56	C0 ¹
5+90		2.3	391.1	389.55	C1 ⁵	29	390.5	389.56	C0 ²
5+70		2.5	390.9	389.36	C1 ⁵	26	390.8	389.35	C1 ⁴
T.P.	2.94	393.40	2.97	390.46					
5+40		3.2	390.1	388.85	C1 ²	27	390.5	388.85	C1 ⁶
5+20		3.5	389.9	388.61	C1 ³	31	390.3	388.61	C1 ⁷
5+00		3.6	389.8	388.32	C1 ⁵	32	390.2	388.32	C1 ⁹
4+80		3.8	389.6	388.21	C1 ⁴	35	389.9	388.21	C1 ⁷
4+60		4.0	389.3	388.06	C1 ³	35	389.9	388.06	C1 ⁵
4+40		3.5	389.9	387.89	C2 ⁰	38	389.6	387.89	C1 ⁷
3+68		4.5	388.9	387.72	C1 ³	40	389.4	387.72	C1 ⁷
3+22		4.7	388.7	387.56	C1 ¹	42	389.2	387.56	C1 ⁶
2+76		5.2	388.2	387.40	C0 ⁸	42	389.2	387.40	C1 ⁸
2+30		5.3	388.1	387.23	C0 ⁹	44	389.0	387.23	C1 ⁸
T.P.	5.67	393.43	2.89	387.76					
1+84		2.9	387.9	387.06	C0 ⁸	23	388.4	387.06	C1 ³
1+38		2.8	387.9	386.90	C1 ⁰	23	388.4	386.90	C1 ⁵
0+92		2.8	387.9	386.73	C1 ³	29	387.8	386.73	C1 ¹
0+46		3.0	387.7	386.57	C1 ¹	30	387.7	386.57	C1 ¹
0+00 No Line Madison				386.40				386.40	
BM	3.02	390.65		387.63					

SR Top F Hyd.
5048 & Madison (P-4)

Jr 20.49 Stake Alley Block E
 Hendricks Monticello
 Rough Grades DW9 7210 L

CKBM 5.13 388.02 387.98 SWK&T
 5016 & Adams 20
 Elev. Stake CK Cor. Ct.

6+50	50 line Adams	- Lt	Elev. Stake	388.40	Cor. P. Lt	- Ct	Elev. Stake CK	388.40	Cor. Ct.
6+40		34	389.8	388.49	C1 ³	43	388.9	388.49	CO ²
6+20		37	389.5	388.64	CO ²	41	389.1	388.64	CO ⁵
6+00		39	389.3	388.72	CO ⁵	41	389.1	388.72	CO ⁴
5+80		38	389.4	388.75	CO ⁶	41	389.1	388.75	CO ³
5+60		38	389.4	388.71	CO ²	42	389.0	388.71	CO ³
5+42		39	389.3	388.54	CO ⁸	47	388.5	388.54	CO ⁷
T.P.	5.05	393.15	4.84	388.10					
4+64		42	388.7	388.37	CO ³	46	388.3	388.37	FO ¹
4+46		39	389.0	388.21	CO ⁸	51	387.8	388.21	FO ⁵
3+68		41	388.8	388.04	CO ⁸	47	388.2	388.04	CO ²
3+20		47	388.2	387.87	CO ³	48	388.1	387.87	CO ²
2+72		47	388.2	387.70	CO ⁵	46	388.3	387.70	CO ⁶
2+34		49	388.0	387.53	CO ⁵	47	388.2	387.53	CO ²
1+76		46	388.3	387.37	CO ²	44	388.5	387.37	C1 ⁵
1+28		51	387.8	387.20	CO ⁶	45	388.4	387.20	C1 ³
T.P.	4.89	392.94	3.10	388.05					
0+80		31	388.1	387.03	C1 ¹	28	388.4	387.03	C1 ⁴
0+60		40	387.2	386.91	CO ³	29	388.3	386.91	C1 ⁴
0+40		39	387.3	386.68	CO ⁶	32	388.0	386.68	C1 ³
0+20		41	387.1	386.36	CO ²	34	387.8	386.36	C1 ⁴
0+00	No line Madison			385.90				385.90	

BM 3.52 391.15 387.63 SK Top Hydt. 5016 & Madison (P.V.)

420.49 Stake Alley Block H
 Hendricks Monticello DWG 7210.4
 Rough Grades

INDEXED

5+60	ARC		5.5	386.3	385.00	CI ³	5.8	386.0	385.30	CO ²
5+15			7.2	384.6	384.23	CO ⁴	6.3	385.5	384.53	CI ²
4+70			8.1	383.7	383.45	CO ²	7.1	384.7	383.75	CO ⁹
4+25			9.4	382.4	382.67	FO ³	8.3	383.5	382.97	CO ⁵
T.P.	9.10	391.82	2.74	382.72						
3+80	Exc		3.4	382.1	381.89	CO ²	2.9	382.6	382.19	CO ²
3+60			3.8	381.7	381.58	CO ¹	3.5	382.0	381.88	CO ¹
3+40			4.5	381.0	381.31	FO ³	3.5	382.0	381.61	CO ⁴
3+20			4.4	381.1	381.10	CO ⁰	3.7	381.8	381.40	CO ⁴
3+00	ARC		5.0	380.5	380.94	FO ⁴	4.0	381.5	381.24	CO ³
2+56			5.5	380.0	380.66	FO ²	4.4	381.1	380.96	CO ⁴
2+12			5.3	380.2	380.39	FO ²	4.0	381.5	380.69	CO ⁸
1+68			5.0	380.5	380.11	CO ⁴	4.7	380.8	380.41	CO ⁴
1+24			5.0	380.5	379.84	CO ²	4.4	381.1	380.14	CI ⁰
0+80	Exc		5.2	380.3	379.56	CO ²	4.9	380.6	379.86	CO ²
0+60			5.4	380.1	379.37	CO ²	4.8	380.7	379.66	CI ⁰
TP	5.42	385.46	2.66	380.04						
0+40			2.7	380.2	379.06	CI ¹	2.3	380.6	379.32	CI ²
0+20			3.2	379.7	378.63	CI ¹	2.8	380.1	378.83	CI ³
0+00	No Line Monroes				378.08				378.20	
B.M.	5.86	382.90			377.04					

SEBP Winona & Monroes

Alley Block H Cont'd
 Cont'd. from p. 21

22

1517.	9.20	382.62	382.60	JECT Madison & Winona					
6+50	So. Line Madison		385.30				385.60		
6+40		4.8	387.0	385.38	C1 ⁶	4.5	387.3	385.68	C1 ⁶
6+20		5.1	386.7	385.48	C1 ³	4.8	387.0	385.78	C1 ³
6+00		4.9	386.9	385.45	C1 ⁴	5.0	386.8	385.75	C1 ⁰
5+80		5.0	386.8	385.29	C1 ⁵	5.5	386.3	385.59	C0 ²

391.82

4-22-49
Hendricks
Greer
Rover

Stake Rough Grades
Contour Blvd & 51st St.
DWG 72

23

Sta	+ HI -	Elev. Stake	Elev. Gr. CA.
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INDEXED

N.K.

AUG 3 1949

3.07 388.94 388.94 SE Top Hyd 51st & 1st Madison

1+08.72 EC RT 5.2 386.8 386.00 CO⁸ 5' Back

0+82.78 RT 5.7 386.3 385.70 CO⁵ "

0+53.64 RT 6.4 385.6 385.10 CO⁵ "

0+26.82 RT 7.1 384.9 384.60 CO³ "

0+00 BC RT 7.7 384.3 384.10 CO³ "

1+03.34 PCC LT 3.8 388.2 386.35 C1⁸ "

0+77.51 LT 4.0 388.0 385.92 C2¹ "

0+51.67 LT 4.7 387.3 385.48 C1⁸ "

0+25.83 LT 5.6 386.4 385.04 C1⁴ "

0+00 B.C. LT 6.8 385.2 384.60 CO² "

BM 7.42 392.01

384.59

SE BP 52nd & Contour.

Re Stake Cbs NW Cor 51st &

Contour & No side Madison

Contour to West. & from BC

Cb Ret on Contour at 51st St

No to Alley Ret.

DV 9.7206, 7207 C

24

1+08.72	BC Alley Ret.	6.65	387.17	387.17
0+84.91	- - - -	6.79	387.03	387.07
0+61.09	- - - -	7.19	386.63	386.97
0+37.27	- - - -	6.87	386.95	386.87
0+13.45	- - - -	7.09	386.72	386.77

00
FO 04 ✓
FO 34 ✓
CO 08 ✓
FO 04 ✓

0+00	BC Cb Ret	7.28	386.54	386.70
	No on 51st St			
4.88	393.82		388.94	

FO 16
TOP EN

2+44.6		6.40	387.20	387.20
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54 Blue Top.

INDEXED

N.K.

AUG 3 1949

2+01.78		6.27	387.33	387.33
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1+71.78		6.18	387.42	387.42
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1+41.78		6.09	387.51	387.51
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1+11.78		6.00	387.60	387.60
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0+81.78		6.30	387.30	387.30
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0+51.78	EC Madison	6.88	386.72	387.00
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FO 28 ✓

#3		7.12	386.48	386.87
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FO 39 ✓

#2		7.02	386.58	386.78
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FO 20 ✓

#1		7.33	386.27	386.72
----	--	------	--------	--------

FO 15 ✓

0+00	BC Cb Ret	7.04	386.54	386.70
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FO 16 ✓

N.W. Contour
& Madison & 51st St.

A.M. 4.66 393.60

388.94

SE Top Hydr. 51st & Madison

427-49 Stake Rough Ck Grades
 Hendricks Davison Ave.
 Greer E-1 Cajon to Monroe
 Corer

25

INDEXED
 N.K.
 AUG 3 1949

4495.05 S. line Monroe

4187.05	4.21	386.96	3.70	387.47
4143.91 ^{R.14}	4.42	386.75	2.85	387.29
4100.77 ^{R.14}	4.63	386.54	4.06	387.11
3+57.63 ^{R.14}	4.85	386.32	4.24	386.93
3+14.49 ^{R.14}	5.07	386.10	4.42	386.75
2+71.34 ^{R.15}	5.29	385.88	4.60	386.57
2+28.20 ^{R.14}	5.51	385.66	4.78	386.39
1+98.65 ^{R.15}				
1198.05 ^{R.15}	5.73	385.44	4.96	386.21
1+47.55 ^{R.15}	5.92	385.25	5.11	386.06
1+10.05 ^{R.15}	6.11	385.06	5.26	385.91
0+65.02 ^{R.15}	6.34	384.83	5.44	385.73
0+20 ^{R.15}	6.57	384.60	5.62	385.55
0+00 N. line E-1 Cajon on west				

B17 0.06 391.17 391.11 2E Top Hyd Monroe & Davison

4-29-49 Stake Cbs. Westside
Hendricks Dawson Monroe to Contour
DWG. 7203L

INDEXED

W.K.

AUG 3 1949

26

Cb. Elev.

Set B.M.

6.13 388.21

SW Cor Monroe & Dawson
Spk in Power Pole # P 5299

1492 BC Contour & Dawson

387.96

1472

6.14

388.20

1452

6.01

388.33

1432

5.94

388.40

1412

5.90

388.44

0492

5.94

388.40

0469

6.15

388.19

0446

6.35

387.99

0423

6.55

387.79

NW Cor Dawson & Monroe

0400 BC Cb. Pot

6.75

387.59

B.M. 323 394.34

391.11

SE Top Hydt. Monroe & Dawson

State Cbs No Side Monroe
Dawson to Contour
DWG 7204 L

27

Cb. Elev.

INDEXED
W.K.
AUG 3 1949

BM 464 38970 38972 RR Spk in Power Pole JP 4535 Dawson & Contour

0+100 BC Contour & Monroe 4.44 389.90

0+19.99 4.76 389.55

0+39.96 5.07 389.27

0+59.94 Contour & 5.38 388.96

0+79.92 BC Dawson 5.69 388.65

BM 323 394.34 391.11 SE Top Hydt. Monroe & Dawson

5-249 Stake Cbs So. Side Contour.
Hendricks Alley Block 7 to 52nd St
Alhambra Pk. DWG. 7205-L

28

INDEXED

^{N.K.}
AUG 3 1949

1473.18 PCC 52nd	6.00	384.50
1453.14	5.79	384.71
1433.10	5.58	384.92
1413.06	5.37	385.12
98.02	5.16	385.34
0472.98	4.95	385.55
0452.94	4.74	385.76
0432.90 B.C. Alley Ret	4.53	385.97
0410 B.C.		386.30

BM 591 390.50

384.59

SEBP 52nd & Contour

Stake Cts. Contour Bnd. (on So.)
Alley Block 7 to Dawson
Dwg 7205-1.

685
577
282

29

INDEXED

N.K.
AUG 3 1919

1498.76 EC Dawson	5.32	387.50
1478.41	5.45	387.37
1458.15	5.57	387.25
1437.89	5.70	387.12
1417.63	5.82	387.00
0197.37	5.94	386.88
0177.11	6.06	386.76
0157.95	6.19	386.64
0136.69	6.30	386.52
0116.44 Cb BC Alley	6.42	386.40
0100.80		386.30 ³⁸

B.M. 3.10 392.82

389.72

SPK in Pole P-16

5-3-49 State Water Meters
 Hendrix No. side Contour
 Greer from Alley Block 7 to Monroe
 Corel DWG 7204-7205 L

30

	+ H.I.	-	Elev Stake	Ch Elev. Grade	Cor F.	5' Lt
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INDEXED

N.K.
 AUG 3 1949

5+01	1.25		392.02	390.22	C1 ⁸⁰	"
4+68	1.07		392.20	389.87	C2 ³³	"
4+38	1.17		392.10	389.55	C2 ⁵⁵	"
4+08	1.32		391.95	389.23	C2 ⁷³	"
3+54	2.66		390.61	388.66	C1 ⁹⁵	"
3+26	3.04		390.24 (23)	388.35	C1.89 ⁸	"
2+33	4.77		388.50	387.36	C1 ¹⁴	"
1+93	6.27		387.00	386.96	C0 ⁰⁴	"
1+59	6.71		386.56	386.68	F0 ¹²	"
1+17	7.39		385.88	386.34	F0 ⁴⁶	"
0+45	7.76		385.51	385.75	F0 ²⁴	"
0+00 BC						
B.M.	355	393.27	389.72	2pc in Power Pole P-16		

5-3-49 Stake Cbs. Monroe
 Hendricks 5th to Dawson
 Greer
 Lovel
 Dwg. 7204-L

31

Sta	H.I.	Elev. Ck. Ht.	- R.I.	Elev. Ck. Ht.
INDEXED				
2+69.80	W. line Dawson	387.50		387.00
2+61 ⁸⁰	BC Ck Ret.	3.77 387.43	4.87	386.94
2+39 ₂₃		3.97 387.23	5.04	386.77
2+16		4.17 387.03	5.21	386.60
1+93		4.37 386.83	5.38	386.43
1+70		4.56 386.64	5.55	386.26
1+46.90	EC Alley Ret.	4.76 386.44	5.72	386.09
1+44.90	" " R.L.	4.33 386.30	5.81	386.07 F0 07
1+24.90	" "	4.60 386.14	6.29	385.93 F0 01
1+22.90	BC Alley Ret.	4.76 386.24	5.90	385.91
1+00		5.15 386.05	6.07	385.74
0+77 ₂₃		5.35 385.85	6.24	385.57
0+54		5.54 385.66	6.41	385.40
0+31 ₂₃		5.74 385.46	6.58	385.23
0+08	EC Ret.	5.92 385.27	6.75	385.06
0+00	E line Monroe	5.97 385.20	6.81	385.00
		385.23 Ev Ck.		
BM 0.09	391.20	391.11		
			BM 0 ⁷⁰	391.81
			SE Top F Hydt.	Dawson & Monroe

CO 57
 CO 26

391.11

Stake Cbs. SW Cor.
Dawson & Contour

32

Cb Elev.

EC on Contour	6.15	387.50
#4	6.07	387.58
#3	5.99	387.67
#2	5.89	387.76
#1	5.80	387.85
BC on Dawson	5.69	387.96
- 20 on Dawson	5.45	388.20

B17 393 393.65
A

389.72 RR Spk in Pole P-16

Stake Cbs Int Dawson
 Contour & Monroe
 DWGS. 7203 & 7204 L.

EC on Monroe	4.22	389.90	
#3	4.12	390.00	
#2	1.76	390.36	
#1A	3.57	390.55	
#1	3.54	390.58	
1+30.51 BC on Contour	3.62	390.50	
1+04.40			
0+78.30	2.90	389.22	
0+52.20	4.18	389.94	
	4.26	389.66	
0+26.10	4.74	389.38	
EC on Contour	5.02	389.10	
#3	5.09	389.03	
#2	5.09	389.03	
#1	5.08	389.04	
on Dawson			
1+03.16 BC Dawson & Contour	5.12	389.00	
0+77.37	5.35	388.77	
0+51.58	5.57	388.55	
0+25.79	5.80	388.32	
EC on Dawson	6.02	388.10	
#3		388.09	
#2		388.18	
#1		388.44	
N.E. Cor. Dawson BC & Monroe on Monroe	5.47	388.65	
BM. 440	394.12	389.72	Spk in Pole Dawson & Contour P. 16

Stake Cbs. To Side Monroe
Dawson to Contour
D.V. 9 7204.2

2+13.38	End E Line Contour	4.86	390.50
1+98.38		4.37	390.69
1+83.38	EC	4.18	390.88
1+77.44		4.10	390.96
1+71.51	BC	4.06	391.00
1+60.75		4.13	390.93
1+50	BK	4.24	390.82
1+47	EC Alley Ret.	4.28	390.78
1+47	at PL	3.79	390.89 391.27 ^{CO²⁸}
1+22	at PL	3.62	390.59 391.44 ^{CO⁸⁵}
1+23	BC Alley Ret.	4.63	390.43
1+10	BK BK	4.86	390.20
0+84.5		5.44	389.62
0+59		6.02	389.04
0+33.5		6.60	388.46
0+08	EC Cb. Ret.	7.18	387.88
0+00	E Line Dawson		387.70

B.M. 6.85 395.06

388.21

SPK in Pole S.W. Dawson & Monroe

5-11-49
Hendricks

Stake Cbs No Side
Contour 5th to Davison
DW 9 7205.2

35

B.M. 0.73 389.72 389.72 RR 3rd to Pole Contour & Davison (R 16)

3+87.91 opp EC on So.

3.45 387.00

1489.15 EC } Raked

5.07 385.38

#9

5.20 385.25

#8

5.33 385.12

#7

5.47 384.91

#6

5.61 384.84

#5

5.75 384.70

#4

5.89 384.56

#3

6.03 384.42

#2

6.17 384.28

#1

6.31 384.14

0+00 BC

6.45 384.00

B.M. 5.86 390.45

384.59

SE BP 5th & Contour

Stake Cbs. West Side Dawson
El Cajon to Monroe

36

			EI Ch.
4787.05	BC Monroe & Dawson (3rd Cor.)	5.12	386.96
1494.97	No. BC Alley Lot on El	6.60	385.48
0+20	B+K	7.48	384.60
0+06.64	EC on Dawson	Elm Stake 778	384.80
#3		384.07 8.04	384.04 CO ⁰⁰
#2		383.78 8.35	383.77 FO ⁰⁴
#1		383.49 8.65	383.34 CO ⁰⁹
BC on El Cajon		382.96 9.12	382.96 meet
BM	0.97 39208	391.11	SE Tip Hy. H. Monroe & Dawson

5-16-49 State Finish Grades
 Hendricks Alley Block H Monticello
 Greer
 Rorer
 W/O # 31200
 Dwg. 7210 L

37

Sta.		H.I.	-L.	Elev. State	Elev. Gr.	Cor. F.	offset	-R.	Elev. State	Elev. Gr.	Cor. F.	offset
				ft.	ft.	ft.			ft.	ft.	ft.	
5+15			3.55	384.59	384.23	C036	1.0	2.60	385.54	384.53	C101	1.0
4+70			4.64	383.50	383.45	C005	1.0	2.95	385.19	383.75	1.44	0.09
4+25			4.95	383.29	382.67	C062	0.43	4.62	383.21	382.97	C054	1.0
3+80 EVC			5.21	382.93	381.89	C104	0.40	5.59	382.55	382.19	C036	1.0
3+60			5.64	382.50	381.58	C092	0.27	6.18	381.96	381.88	C008	1.0
T.P.	6.18	381.14	2.99	381.96					381.14			
3+40			2.91	382.04	381.31	C073	0.35	3.00	381.95	381.61	C034	2.0
3+20			2.81	382.14	381.10	C104	0.14	3.29	381.66	381.40	C026	2.0
3+00 BVC			3.15	381.80	380.94	C085	0.15	3.26	381.69	381.24	C045	2.0
2+56			3.95	381.00	380.66	C034	0.14	3.31	381.64	380.96	C068	0.51
2+12			3.95	381.00	380.39	C061	0.07	3.80	381.15	380.69	C045	0.4
1+68			3.92	381.03	380.11	C093	0.40	4.25	380.70	380.41	C029	1.1
1+24			4.52	380.43	379.84	C059	0.40	3.97	380.98	380.14	C084	1.1
0+80 EVC			3.91	381.04	379.56	C048	0.47	4.40	380.55	379.86	C069	1.1
T.P.	4.52	384.95	3.00	380.43					384.95			
0+60			3.40	380.03	379.37	C066	1.1	3.00	380.43	379.66	C027	1.1
0+40			3.39	380.04	379.06	C098	1.1	2.93	380.45	379.32	C113	1.1
0+20			3.36	380.07	378.63	C144	0.28	3.33	380.10	378.83	C127	1.1
0+00 No Line Monroe				378.08	378.08					378.20		
BM	6.39	383.43			377.04							

INDEXED

383.43

SEBP Winona & Monroe

9.20 38263 39260

SE 6 L&T Madison & Winona

6+50 to line Madison

38530

38560

6+20

4.93

38696

38539

C154 10

474

38715

38568

C147 10

6+20

5.10

38679

38548

C131 050

477

38712

38578

C134 10

6+00

5.76

38672

38545

C128 05 in Alley

443

38746

38575

C131 10

T.P.

5.88

39189

2.13

38601

39189

5+80

1.80

38634

38529

C105 1007

176

38638

38559

C078 020

5+60 NYC

2.24

38590

38500

C090 1028

199

38615

38530

C085 008

38814

38814

Stake Cbs. East Side Dawson
El Cajon to Monroe

39

EC on Dawson

#3

#2

#1

BC on El Cajon

NE Ret
Dawson
& El Cajon

1194.97 at PL

1170.97 at PL

INDEXED

4187.05 BC Ret

1194.97 BC Alley Ret on North

1170.97 BC Alley Ret on So

1145.97

1120.97

0195.97

0170.97

0145.97

0140

0120

0110.34 EC Cb Ret

0100 (No line El Cajon)
West Side

1317 0.89 392.00
X

391.11

Stake Gr.

385.65 385.65

385.94 385.78 C0.16

386.09 385.96 C0.13

386.32 386.20 C0.12

386.48 386.48 meet.

377 388.23 386.38 C1.85

262 389.38 386.81 C2.57

4.53 387.47

5.73 386.27

5.83 386.17

5.94 386.06

6.04 385.96

6.15 385.85

6.25 385.75 170.97

6.35 385.65 145.97

6.45 385.63 120

6.55 385.55 120

6.35 385.65

SE Top Hydt. Dawson & Monroe

State Finish Grades

Alley Block E Monticello

543 387.87 387.99 SW 48T
5044 Adams

Sta	30-line Adams	H.I.	-L1	Elev. Stake E1.	Elev. Gr E1.	Cor. F	offset L1	-R1	Elev. Stake E1.	Elev. Gr E1.	Cor. F	offset
6+50			4.90		388.40				4.90	388.40		
6+40			3.64	389.66	388.49	C1 17'	33	4.47	388.53	388.49	C0 34'	12°
6+20			3.80	389.50	388.64	C0 86'	20	4.30	389.00	388.64	C0 36'	20
6+00			4.14	389.16	388.72	C0 44'	20	4.31	389.99	388.72	C0 21'	20
5+80			4.21	389.09	388.75	C0 34'	20	3.98	389.32	388.75	C0 57'	10
5+60			4.16	389.14	388.71	C0 43'	10	4.15	389.15	388.71	C0 44'	0 23
7+P	5.56	393.30	4.66	387.74					393.30			
5+12			3.62	388.78	388.54	C0 34'	0 40	3.27	389.13	388.54	C0 59'	0 11
4+64	INDEXED		3.56	388.84	388.37	C0 41'	20	4.09	389.31	388.37	C0 06'	20
4+16			3.44	389.76	388.21	C0 75'	10	4.19	387.71	388.21	C0 50'	20
3+68			3.61	388.79	388.04	C0 75'	0 50	4.21	388.19	388.04	C0 15'	20
3+20			4.20	388.20	387.87	C0 33'	0 50	4.36	388.04	387.87	C0 17'	20
2+72			(Reset) 4.18	388.03	387.70	C0 33'	20	4.13	388.27	387.70	C0 57'	20
2+24			4.42	387.98	387.53	C0 45'	10	4.16	388.24	387.53	C0 71'	0 50
7+P	3.70	392.40	2.08	388.70					392.40			
1+76			2.08	388.70	387.37	C1 33'	0 87 inside	2.42	388.36	387.37	C0 99'	0 50
1+28			3.03	387.75	387.20	C0 55'	0 50 inside	2.39	388.39	387.20	C1 19'	0 27
0+80			2.86	387.92	387.03	0 89'	0 50	1.97	388.91	387.03	C1 58'	0 48
0+60			3.73	387.05	386.91	C0 14'	0 10	2.03	388.75	386.91	C1 84'	0 57
0+40			3.59	387.19	386.68	C0 51'	10	3.18	387.60	386.68	C0 92'	0 48
0+20			3.90	386.88	386.35	C0 53'	10	2.82	387.96	386.35	C1 61'	0 23
0+00	10-line Madison		3.70		385.90					385.90		

BM 8.18 390.78

382.60

SE 6'x8T Madison & Wilmore

390.78

5-22-49 Stake Finish Grades Alley Bk F
 Hendricks Monticello.
 Greer
 Corer
 W/O 11200
 Grade Changed from Dwg 7209K
 Auth EF Gabrielson

Sta.		H.I.	LT.	Elev Stake	Elev Gr.	Cor F	Offset		Elev Stake	Elev Gr.	Cor F	Offset
	+		-	LT	RT	LT	RT	-	RT	RT	RT	RT
5+70	BVC		3.29	390.89	390.48	CO ⁴⁰	0.50	3.10	390.68	390.29	CO ²⁰	1'
5+50	EVC		3.29	390.49	387.96	CO ⁵³	2'	2.94	390.84	389.96	CO ⁸⁸	0.25
	T.P.	3.01	393.78	2.46	390.77				393.78			
5+30			3.35	389.88	387.51	CO ³⁷	2'	2.46	390.77	389.51	CO ²⁶	0.75
5+10			3.52	389.71	387.21	CO ⁵⁰	2'	1.93	391.20	389.21	CO ²⁷	0.47
4+90			3.75	389.49	388.89	CO ⁵⁷	0.12	3.25	389.99	388.89	CO ⁰⁹	2'
4+70	BVC		3.39	389.84	388.72	CO ¹²	0.21	3.37	389.86	388.72	CO ¹⁴	2'
4+33			3.59	389.64	388.49	CO ¹⁵	0.34	3.35	389.88	388.49	CO ³⁵	2'
3+76			4.60	388.63	388.26	CO ³⁷	1'	3.96	389.27	388.26	CO ⁰¹	1'
3+29			4.51	388.72	388.02	CO ²⁰	2'	4.02	389.21	388.02	CO ¹⁹	2'
2+32			4.88	388.35	387.79	CO ⁵⁶	2'	4.22	389.01	387.79	CO ²²	2'
	T.P.	4.92	393.23	2.86	388.31				393.23			
2+35			2.76	388.41	387.56	CO ⁸⁵	103 inside	2.86	388.31	387.56	CO ⁷⁵	2'
1+88			3.22	387.95	387.33	CO ⁶²	1'	3.53	387.64	387.33	CO ³¹	2'
1+41			3.28	387.89	387.10	CO ⁷⁹	1'	2.90	388.27	387.10	CO ¹⁷	2'
0+94			3.53	387.64	386.86	CO ⁷⁸	2'	3.67	387.50	386.86	CO ⁰⁴	2'
0+47			2.32	388.85	386.63	CO ²²	0.25	3.29	387.88	386.63	CO ²⁵	2'
0+00	N. Line Madison				386.40					386.40		
19+7		5.57	391.17		388.60							

INDEXED

391.17
 386' of Madison & 30' 1/4

4.97 388.79 388.89 NW 1/4 51st & Adams
 5.87 387.91 387.98 SW 1/4 87 50th & Adams

6+50	ERC 50' line Adams	4.88	388.90	388.90			4.88	388.90	388.90		
6+30		3.23	390.55	389.98	CO ⁵⁷		3.53	390.25	389.98	CO ²⁷	1'
6+10		3.43	390.35	390.60	FO ²¹	1'	3.60	390.18	390.60	FO ⁴²	1'
5+90		2.92	390.86	390.77	CO ⁰⁹	0.50'	3.22	390.56	390.77	FO ²¹	1'

393.78
 1

393.78

5-24-49
Hendricks
Greer
Rorer
WO 31200

State Cbs.
Adams Ave 51st to East.
DWG. 7208 K

43

INDEXED

to Adams End of					7.00		386.65
01 66.57	6.65	387.00	386.30	CO ⁷⁰			
01 67.57	7.16	386.49	386.30	CO ¹⁹	6.65	387.00	387.00
01 50.39	6.12	387.52	386.57	CO ⁹⁶	6.36	387.29	387.29
01 30.39	6.13	387.52	386.97	CO ⁵⁵	5.93	387.72	387.72
01 10.39 Rt.					5.03	388.62	388.15 CO ⁴¹
01 03.57 EC on Lt.	6.03	387.62	387.51	EX CB			
04 ⁰⁰ EC on Adams (Rt)					4.05	389.60	388.38 CI ³³
#3					4.58	389.07	388.52 CO ⁵⁴
#2					4.99	388.66	388.66
#1					4.92	388.73	388.73
BC on 51st					4.89	388.76	388.76
017	4.76	393.65		388.89			NW BP 51st & Adams

State Cross Feet Adams Ave
 W. Line Monticello to Winona
 DWG. 2208-L

44

Sta. + H.I. - Lt. Fly. Cr. Lt. - Rt. Elev. Gr. Pt.

1436.1 BC Ret.	4.18	388.85	4.26	388.77
1425	4.15	388.88	4.23	388.80
1415	4.12	388.91	4.27	388.76
1405	4.12	388.91	4.32	388.71
0+95	4.17	388.96	4.47	388.66 388.56
0+85	4.28	388.75	4.51	388.55
0+75	4.44	388.59	4.64	388.39
0+65	4.66	388.37	4.86	388.17
0+53.5	5.42	387.61	5.62	387.41
0+02 BC Alley Ret.	6.18	386.85	6.38	386.65
0+00 E Line Alley		386.80		386.60
0+00 AT Prop Line	5.91	387.12	6.13	386.90
BM. 3.67	393.03	389.36	393.03	

NERP Adams & Winona

State Cross Feet Adams Ave
 Winona to South.
 DWG 7208 L

38798 SW 187 50th & Adams

	- Lt.	Elev. Gr. Lt.	- Rt.	Elev. Gr. Rt.
	5.06	387.96		
2+70 W. Line 50th.	5.38	387.64		387.57
2+62 BC Ret.	5.35	387.67	5.43	387.59
2+39	5.26	387.76	5.37	387.65
* 2+16	5.18	387.84	5.31	387.71
1+93	5.10	387.92	5.24	387.78
1+70	5.01	388.01	5.18	387.84
1+47 EC Alley Ret	4.92	388.10	5.12	387.90
1+45 B.C.	(4.91)	(388.11) B.C.	5.11	(387.91)
1+29 BC Alley Ret.	(4.88)	388.23	5.01	388.02
	4.79		5.00	
1+00	4.67	388.35	4.89	388.13
0+77	4.55	388.47	4.77	388.25
0+54	4.43	388.59	4.66	388.36
0+31	4.31	388.71	4.54	388.48
0+08 BC Co. Ret.	4.19	388.83	4.43	388.59
0+00 East Line Winona	4.14	388.88		388.64
BM	3.66	393.02		393.02

5-31-49 State Crows Feet Adams Ave
 Hendricks
 Greer
 Rorer
 W0 31200
 Dwg. 7208 C

46

#18 on Altadena	378	389.99	4.12	
#3	390	389.87	4.13	389.64 389.64 5x6
#2	398	389.79	4.19	389.58
#1	4.05	389.72	4.26	389.51
2462 BC on Rt.		389.71	4.33	389.44
2452.48 BC on H.	4.11	389.66	4.41	389.36
2426.05	4.33	389.44	4.62	389.15
1499.70	4.54	389.23	4.82	388.95
1473.35	4.76	389.01	5.03	388.74
1447 ECA Alley Ret. (1425 Bx 4)	4.97	388.80 (388.62)	5.23	388.54 (388.37)
1423 BC Alley Ret.	5.17	388.60	5.42	388.35
1400	5.35	388.42	5.58	388.19
0479	5.53	388.24	5.73	388.04 388.01
0459	5.71	388.06	5.89	387.88
0431	5.89	387.88	6.04	387.73
0409 EC Ret.	6.07	387.70	6.21	387.56
0406 E Line 50th		387.64		387.52
BM 579 393.77		387.98		

SW 287 50th & Adams

5-31-49 State Crows Feet Adams Ave
 Hendricks Altadena to 51st St.
 DWG 2208P

47

1473.39	BC RT				512	388.54
1465.49	BC LT	5.52	388.34	388.15	5.19	388.58
1740.00		5.30		389.50	388.89	5.13
1114.63		5.08		388.78		388.73
0789.20		4.86		388.65		388.87
0763.77		4.64		389.00		389.01
0738.24		4.42		388.91		389.01
0712.91	EC on Lt.	4.19		389.22		389.15
0708	BC Ret. Rt.			389.26		389.29
0700	E Line Altadena	4.10		389.44		389.43
#2				389.41		389.46
#1		4.00		389.67		389.50
BC		3.90		389.70		389.54
-20		3.87		389.86		389.55
				(389.95)		389.39
-13M	501	393.86		388.85		

NW13P 51st & Adams

Stake Crows Feet 51st St.

Adams to Madison

48

T.P.	3.18	391.57	4.77	388.39		
3+05.51 BC			5.99	387.17	5.89	387.57
2+80.23			5.89	387.27	5.50	387.66
2+55.13			5.80	387.36	5.42	387.74
2+29.93			5.70	387.46	5.34	387.82
2+04.73			5.61	387.55	5.27	387.89
1+79.53			5.51	387.65	5.20	387.96
1+54.33 EC Alley Ret. B			5.42	387.74	5.13	388.03
1+29.49 BC Alley Ret.			5.32	387.84	5.06	388.10
1+02.14			5.21	387.95	4.98	388.18
0+74.80			5.11	388.05	4.90	388.26
0+47.45			5.00	388.16	4.82	388.34
0+20.11 BC on St			4.90	388.26	4.74	388.42
0+00 EC 51st					4.68	388.48
#2					4.66	388.50
#1					4.64	388.52
DC on Adams						388.54
BC	4.31	388.16		388.85		

NY BP 51st & Adams

260 388.97 388.94 5L Top Hyd. 51st & Madison

6+45.51 BC RT		5.37	386.20
6+32.15 BC out.	6.07	5.30	386.27
6+100.41	5.98	5.14	386.43
5+68.67	5.68	4.99	386.58
5+136.93 EC	5.49	4.82	386.74
5+12.09 BC Alley RT	—	—	386.86
5+11.51 BRT	5.33	4.70	386.87
4+77.16	5.17	4.57	387.00
4+42.82	5.02	4.46	387.11
4+109.50	4.86	4.34	387.23
3+74.17	4.71	4.23	387.34
3+39.84	4.58	4.11	387.46

$$\frac{391.57}{11}$$

391.57

2849. Stake Crows Feet Madison Ave
Hendricks West Line of Monticello to Wines
Green
Kater
W0431200

50

TP. 762 $\frac{390.41}{1}$ 3.58 382.79

1433.50 RC Ret 4.42 381.95 5.12 381.25

1107.20 4.59 381.78 5.27 381.10

0+8090 4.76 381.61 5.42 380.95

0+5460 4.93 381.44 5.57 380.80

0+2830 5.10 381.27 5.72 380.65

0102 5.26 381.11 5.86 380.51

0+00 E Line Alley 381.10 380.50

BM 6.00 $\frac{386.37}{1}$ 380.37

SEBP Madison 24914

6-8-45 Stake Crows Feet Madison Av.
Winona to South

B17	2.77	387.64	387.63
		Gutter	El
2+62 BC Ret.	5.06	388.38	
2+36	4.82	388.59	
2+10	4.59	388.82	
1+90	4.48	388.93	
1+70	4.51	388.90	
1+50	4.70	388.71	
1+47 EC Alley Rd.	4.73	388.69	
1+45 Alley Line	}	388.64	}
1+25 Alley Line		388.27	
1+23 BC Alley Ret.	5.19	388.23	
0+94.25	5.77	388.64	
0+65.50	6.36	388.05	
0+36.75	6.75	388.46	
0+08 EC Ret	7.54	388.87	
0+00 E Line Winona			

SE Top Hyd. South & Madison

	Gutter	El
	5.49	384.92
	5.27	388.14
	5.08	388.36
	4.95	388.46
	5.00	388.41
	5.19	388.22
	5.22	388.19
	(5.21)	388.14
	5.64	384.77
	5.68	384.73
	6.27	384.14
	6.86	383.55
	7.45	382.96
	8.04	382.37

(390.41 from p. 50)

6849 Stake Crows Foot Madison Ave
50th to Altadena

52

T.P. 5.51 391.59 462 396.08

2170	w Line Altadena	396.30		395.90
2162.00	BC Ret.	4.42	396.29	4.82 385.89
2133.25		4.51	396.19	4.91 385.79
2104.50		4.59	396.11	4.99 385.71
1175.75		4.67	396.02	5.08 385.62
1147	EC Alley	4.76	385.94	5.16 385.54
1145	}	4.77	385.93	5.17 385.53
1125		4.83	385.87	
1123	BC Alley	4.84	385.86	5.24 385.46
0194.25		4.93	385.77	5.32 385.37
0165.50		5.01	385.69	5.41 385.29
0146.75		5.10	385.60	5.50 385.20
0108	EC	5.18	385.52	5.58 385.12
0100	E Line 50th		385.50	385.10

B.M. 307 390.70

397.0

SE Top Hyd 50th & Madison

6-8-49 Stake Crows Feet Madison Ave
 Mtadena to 51st.

SE Top F HYD 51st & Madison

	267	388.92	388.92	
3130 BCLT	5.07	386.50		
3100 LT	4.79	386.80		
2770 LT	4.49	387.10		386.70
2462 BCLT	4.51	387.08		4.71, 386.68
28325	4.60	386.99		5.00, 386.59
20450	4.69	386.91		5.08, 386.51
1175.75	4.77	386.82		5.17, 386.42
1147	4.98	386.74		5.25, 386.34
1145	4	386.73		386.33
1125		386.67		386.27
1123	4.93	386.66		5.33, 386.26
0194.25	5.02	386.57		5.42, 386.17
0165.50	5.10	386.49		5.50, 386.09
0136.75	5.19	386.40		5.59, 386.00
0108	5.27	386.32		5.67, 385.92
0100 E Line Mtadena		386.30		385.90

391.59 From p-52

6-15-49 Stake Crows Feet Contour Bld.
 Hendricks
 Roberts
 Greer
 Rorer
 No. 31200

54

1+72.69 BC RT.		582	383.00
1+64.22 BC Ch. Ret. Lt.	6.33	382.50	578
1+37.66	6.18	382.65	564
1+11.11	6.03	382.80	550
0+84.55	5.88	382.95	536
0+58	5.73	383.10	522
0+40	5.63	383.20	513
0+18	5.41	383.42	485
0+00 EC Contour.	5.23	383.60	0+12.39
0-19.42	4.90	383.92	0+100 EC Contour
0-38.84	4.57	384.26	473
0-58.26	4.23	384.60	444
0-74.08	3.93	384.90	415
0-89.90	3.63	385.20	386
-1+04.00	3.48	385.35	357
-1+18.09 BC on 51st	3.33	385.50	329
B.M. 4.24	388.82	384.59	2.98
			1+09.03 P.C.
			2.98
			1+20.58
			2.86
			1+32.14 B.C.
			2.75

SEMP
 52 Contour

Stake Crows Foot Contour
52nd To Dawson

0.79 387.70 387.72
(55)
R.R.

3771.74 BC	3.99	386.50	3.49	387.00
3741.57	4.23	386.26	3.68	386.81
3711.18	4.48	386.01	3.86	386.63
2780.79	4.73	385.76	4.04	386.45
2750.40	4.98	385.51	4.23	386.26
2720.01	5.23	385.26	4.41	386.08
1789.62 ECA Alley St.	5.48	385.01	4.59	385.90
1773.18 EC	5.61	384.88		385.80
1755.88	5.74	384.75		385.62
1738.56	5.87	384.62	5.05	385.44
1721.24	6.01	384.49	5.23	385.26
1703.92	6.15	384.34	5.41	385.08
0186.60	6.29	384.20	5.59	384.90
0169.28	6.43	384.06	5.77	384.72
0151.96	6.57	383.92	5.95	384.54
0134.64	6.71	383.79	6.13	384.36
0117.32	6.85	383.64	6.31	384.19
0100 BC	6.99	383.50	6.49	384.00
0-21.88 EC Ch. Rel. Lt.	7.14	383.35	6.67	383.82
0-36.11	7.19	383.30	6.74	384.15
0-45.06	7.57	382.90		384.25

1377 5.90 390.49

384.89

SE BP 52nd & Contour

Crows Feet Adams Ave
51st to D.E. East

56

0+62.90	6.78	385.55	583	386.50
0+50.39	6.21	386.12	5.49	386.84
0+30.39	5.81	386.82	5.06	387.27
0+10.39	5.41	386.92	4.63	387.70
0+04.51 ECH	5.32	387.01		
0+00 ECH			4.45	387.88
0-11.59			4.26	388.07
0-23.18			4.14	388.19
0-36.59			4.07	388.26

BM 3.48 392.33

388.85

NW BP 51st & Adams

State & Grades Adams Ave.
W. Line Monticello to Winona

57

Finish
& Grade

1144.1	W Line Winona	4.67	388.98	(4.71 Ex Pav)
1136.1	BC Alley	4.48	389.17	
1125		4.45	389.20	
1115		4.38	389.30	
1105		4.48	389.17	
0195		4.53	389.12	
0185		4.64	389.01	
0175		4.80	388.85	
0165		5.02	388.63	
0133.5		5.78	387.87	
0102	EC Alley Rats	6.54	387.11	
0100	E Line Alley		387.06	

B 17 429 393.65

389.36

NE RP Adams & Winona

State & Grades Adams Ave.
Winona to 50th St

58

					Finish & Grade	
B.M.	5.69	387.96	287.98	SW L&T 50th & Adams		
2+70 W. Line 50th St					5.71	387.94 (5.76 Ex Pav)
2+62 B.C. Ch Ret					5.68	387.97
2+39					5.61	388.04
2+16					5.53	388.12
1+93					5.45	388.20
1+70					5.37	388.28
1+57						
1+45 B.C. E Line Alley					5.28	388.37
1+23					5.19	388.46
1+00					5.10	388.55
0+77					5.00	388.65
0+54					4.91	388.74
0+31					4.81	388.84
0+08 EC Ch Ret					4.72	388.93
0+00 E Line Winona					4.69	388.96 4.70 Ex Pav
B.M.	4.29	393.65	389.36	N&BP Adams & Winona		

State & Grades Adams Ave
50th to Altadena

59

Finish
& Grade

2+70	N Line Altadena	3.38	390.00	
2+62	BC Ch Ret. Rt.	3.44	389.94	
2+52.40	BC Ch Ret. Lt.	3.52	389.86	
2+36.05		3.73	389.68	
1+99.70		3.94	389.44	
1+73.35		4.15	389.23	
1+47	EC Alley	4.36	389.02	
1+23	BC Alley	4.56	388.82	
1+00		4.75	388.63	
0+70		4.93	388.45	
0+54.50		5.11	388.27	
0+31.10		5.29	388.09	
0+08	EC Ch Ret.	5.47	387.91	
0+00	E Line 50th	5.53	387.85	(5.50 Error)
BM - 5+40	393.38	387.98	JW L&T 50th & Adams	

State Crows Feet Contour Blvd
Dawson to Monroe

60

# 2	3.67'	389.90	EC on Monroe	4.17	389.40
# 1	3.62'	389.95 PL	# 3	3.94	389.63
6+93.01 BCRT	3.66'	389.91	# 2	3.72	389.85
6+71.20	3.89'	389.68	# 1	3.64	389.93
6+49.40 BCRT	4.12'	389.45	BC	3.57	390.00
6+23.29	4.39'	389.18		3.85	389.72
5+97.19	4.67'	388.90		4.13	389.44
5+71.09	4.95'	388.62		4.41	389.16
5+44.99 (26.10)	5.23'	388.34		4.69	388.88
5+18.89 ECCB RT	5.51'	388.06		4.97	388.60
4+89.50 ↑	5.83'	387.74			
4+60.11	6.11'	387.43			
4+30.72	6.45'	387.12			
4+01.33 (29.99)	6.76'	386.81			
3+71.94 BC on RT. from P. 55	7.07'	386.50			
BC 2	3.95	393.57	389.72	RR SPK in Pair Dawson & Contour	

State Cross Feet Dawson
Contour to Monroe

61

	4.34	388.20	388.21
1+37.72	EC on Monroe	4.39	388.15
1+27.34		4.79	387.75
1+15.25		4.86	387.68
1+09.16	BC on Dawson	4.94	387.60
0+77.37		4.71	387.83
0+51.58		4.49	388.05
0+25.79		4.26	388.28
0+00	EC on Dawson	4.04	388.50
#3		4.02	388.52
#2		4.00	388.54
#1		3.97	388.57
BC on Contour		3.94	388.60
0-15.15	Contour		
Br7	282	392.54	389.72

3 PK in pole SW Monroe & Dawson		
2+00	No line Monroe	387.00
1+92	BC on Dawson	5.41 387.07
1+61.33		5.19 387.35
1+30.66		4.92 387.62
1+00		4.64 387.90
0+80		4.60 387.94
0+60		4.64 387.90
0+40		4.71 387.83
0+20		4.84 387.70
0+00	EC Dawson	5.08 387.46
0-4.44		5.12 387.42
0-14.81		5.23 387.31
0-25.19		5.33 387.21
0-35.57		5.44 387.10
0-45.95	BC on Contour	5.54 387.00

State Crows Feet Monroe
Dawson to Contour

62

			2+05.38 End (Contour)	4.47	390.00
			1+90.37	4.28	390.19
			1+75.37	4.09	390.38
			1+69.44	4.01	390.46
			1+63.51	3.97	390.50
			1+52.75	4.04	390.43
			1+42	4.15	390.32
			1+39	4.19	390.28
			1+15	4.54	389.93
0+79.92 BC	5.07	389.40	1+02	4.77	389.70
0+53.28	5.28	388.99	0+76.50	5.15	389.12
0+26.64	5.90	388.57	0+51.00	5.93	388.54
0+00 EC	6.32	388.15	0+25.50	6.51	387.96
			0+00 EC	7.09	387.38

B 17 6.26 394.47

388.21

SPK in Pole SW Monroe & Dawson

State & Grades Adams Ave
 Alladens to 51st St

63

0+00			
0+50.39	DE	6.83	386.85
0+30.39		6.40	387.28
0+10.39		5.97	387.71
0+00	EC	5.55	387.93
0-08.08	W Line 51st (at R. K. on Rt.)	5.88	388.10
2+10.49	R 51st (at L. to 10 Pl on Rt.) (at R. L. S.)	5.33	388.35
1+79.45	R L 51st on Rt.	5.09	388.60
1+65.49	DC L.	4.99	388.69
1+40.06		4.79	388.89
1+14.63		4.59	389.09
0+89.20		4.38	389.30
0+63.77		4.18	389.50
0+39.34		3.98	389.70
0+08		3.74	389.94
0+00	E Line Alladens	3.68	390.00
0-30	R Alladens	3.68	390.00
B.P. 4.83	393.68	388.85	NWBP 51st & Adams

State & Grades 51st-51
 Adams to Madison & Contour

T.P. 365 391.11 4.92 387.46

2174.17

3139.84

3108.51 ³⁴³³ R.K.

2180.33 ²⁵²⁰

2155.13

2129.93

2104.73

1179.53 ²⁵²⁰

1154.33 ²⁴⁸⁴ R.C. Alley R.

1129.49 ²⁷²⁴ R.C. Alley R.

1102.14

0174.86

0147.45 ²⁷¹⁴

0120.11 ²⁷³³ South

0101.68 P.K. Adams

INDEXED
 N.K.
 AUG 3 1949

4.92 387.46

4.78 387.60

4.65 387.72

4.56 387.82

4.47 387.91

4.38 388.00

4.30 388.08

4.21 388.17

4.12 388.25

4.05 388.32

3.95 388.42

3.86 388.52

3.77 388.61

3.68 388.70

3.62 388.76

B.17 3.53 392.38

388.85

NEBP 51st & Adams

6+32.15	RC on St.	388.50	486	386.25
6+00.41	^{31.74}		488	386.43
5+68.67	^{31.74}		450	386.61
5+36.93	EC Alley Ret		433	386.78
	+ 11.09 RC Alley 2494			
5+11.51	19+K		419	386.92
4+77.16	^{24.11}		405	387.06
4+42.82	^{34.93}		392	387.19
4+08.50	^{14.11}		378	387.33

391.11

 11

C-23-49 State & Grades Madison Ave
 Hendricks W. Line Monticello to 50th St
 Roberts
 Creek
 Gregory

INDEXED

AUG 3 1949

1+45 E line Alley N.K.
 1+20 4.41 385.49
 1+30
 1+25 W line Alley
 0+94.25 5.15 384.75
 T.P. 574 389.90 1.95 384.16
 0+65.50 1.75 384.16
 0+36.75 2.54 383.57
 0+08 9.13 382.98
 0+00 (382.78)
 2+01.50 E line Winans 3.33 382.81
 1+71.50 E Winans } Paved 382.45
 (382.04) extra
 1+41.50 W line Winans 4.07 382.09
 1+33.50 BC Ret. 4.07 382.04
 1+07.20 4.22 381.89
 0+80.90 4.38 381.73
 0+54.60 4.54 381.57
 0+28.30 4.70 381.41
 0+02 EC Ret. 4.86 381.25
 0+00 E line Alley (381.23)
 0-10 E Alley 4.88 381.18
 B.M. 5.74 380.11 380.37

B.M. 2.26 (387.64) 387.63 SE Top Hill
 2+70 W line 50th 4.54 (385.36) extra
 2+62 4.43 385.47
 2+36 4.19 385.71
 2+10 3.95 385.95
 1+90 3.84 386.06
 1+70 3.66 386.02
 1+50 4.07 385.83
 389.90
 SE BP Madison 8 4916

6-23-49

Hendrick

Stake & Grades Madison
50th to Almaden

67

2+70	W line Almaden	386.31
2+62.00		4.14 386.29
2+33.25		4.20 386.23
2+04.50		4.27 386.16
1+75.75		4.33 386.10
1+47	EC Alley	4.39 386.04
1+23	BC Alley Rd	4.41 385.99
0+94.25		4.50 385.93
0+65.50		4.57 385.86
0+36.75		4.63 385.80
0+08		4.69 385.74 (385.82)
0+00	E line 50th St.	4.79 385.72

B.M.	2.80	<u>390.43</u>	387.63
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SE Top Mt
50th & Madison

6-23-49
Hendricks Stake & Grades Madison Ave
Almadena to 51st.

68

INDEXED
W. K.
AUG 3 1949

INDEXED

3+30	BC Lt.	4.46	386.61
3+00		4.14	386.93
2+70	W line 51st on Rt.	381	387.26
2+62	BC Rt	384	387.23
2+33.25		394	387.13
2+04.50		4.03	387.04
1+75.75		4.13	386.94
1+47		4.22	386.85
1+23		4.30	386.77
0+94.25		4.40	386.67
0+65.50		4.49	386.58
0+36.75		4.59	386.48
0+08	BC Ret	4.68	386.39
0+00	E line Almadena	4.75	(386.42) Ex Ret 386.37
B/M	2.13	391.07	388.94

J.E. Top Hydt. 51st. & Madison.

State Crows Feet Monroe
52nd to Davison

69

EC	473	38709	5.36	386.46	
#2	482	38700	5.32	386.50	
#1	482	38700	5.32	386.50	
2+70	inline	Davison		386.50	
2+62	BC Ret.	492	386.90	5.38	386.44
			386.72		386.29
2+39		5.11	386.71	5.55	386.27
			386.54		386.14
2+16		5.31	386.51	5.72	386.10
			386.36		385.99
1+93		5.50	386.32	5.89	385.93
			386.18		385.84
1+70		5.69	386.13	6.06	385.76
			386.01		385.69
1+47	EC Alley	5.88	385.94	6.23	385.59
			385.82		385.54
1+23	BC Alley	6.09	385.73	6.41	385.44
			385.65		385.39
1+00		6.28	385.54	6.58	385.24
			385.47		385.24
0+77		6.47	385.38	6.75	385.07
			385.30		385.09
0+54		6.66	385.16	6.92	384.90
			385.12		384.94
0+31		6.85	384.97	7.09	384.73
			384.95		384.72
0+08		7.04	384.78	7.26	384.56
			384.89 Ex. Pay.		384.74 Ex. Pay.
0+00	E. Line 52nd St.	6.93	384.70	7.08	384.50

BM 3.61 391.82
 \uparrow
 388.21

Stake Crows Feet Dawson
 Monroe to El Cajon

70

3+97	EC Rt. Alley	466	385.36	5.53	384.49
T.P.	4.80	390.02	5.18	385.22	
3+73	BC Rt. Alley	494	385.46	5.79	384.61
3+475		483	385.57	5.65	384.75
3+22	EC Alley Lt	4.72	385.68	5.52	384.88
2+98	BC Alley Lt	4.62	385.78	5.40	385.00
2+69		4.51	385.89	5.25	385.15
2+40		4.39	386.01	5.10	385.30
2+11		4.27	386.13	4.95	385.45
1+82		4.15	386.25	4.81	385.59
1+53		4.03	386.37	4.66	385.74
1+24		3.91	386.49	4.52	385.88
0+95		3.79	386.61	4.37	386.03
0+66		3.67	386.73	4.23	386.17
0+37		3.55	386.85	4.08	386.32
0+08	EC Cb Ret.	3.43	386.97	3.94	386.46
0+00	So. Line Monroe				
#2		3.40	387.00		
#1		3.20	387.20		
BC	Dawson	3.02	387.38		
B.M.	2.19	390.40	388.21	5th SPK in Pole Dawson & Monroe	

Contd. from p. 70

71

4+92.97 Pl on Rt.

4+86.73 Pl on Lt.

4+86.1 BC Rt.

4+82.5+ BC on Lt. 502 - 385.00

4+ 54

490 / 385.12

4+ 25.5

478 / 385.24

595 / 384.07

581 / 384.21

567 / 384.35

390.02

7-5-49
Roberts
Greer
Gregory
No. 31200②

Stake & Grades Contour
(51st to 52nd)

Aug. 72062

INDEXED
W. K.
AUG 3 1949

2+62.22
2+37.72
2+13.22
1+88.72
1+64.22
1+37.66
1+11.11
0+84.55
0+58
0+40
0+18
0+0.0
0-22.15
0-44.30
0-66.45
0-88.59
1-10.98
1-33.37

B.C.
B.C. Lt. 52nd
E.C. Contour
B.C. 51st

4.06-384.11
4.31-383.86
4.55-383.62
4.80-383.37
5.04-383.13
4.89-383.28
4.75-383.42
4.60-383.57
4.46-383.71
4.36-383.81
4.14-384.03
3.96-384.21
3.61-384.56
3.26-384.91
2.91-385.26
2.57-385.60
2.25-385.92
1.92-386.25

B.M. 358 388.17

384.59 S.F.B.P. 52nd Contour

7-5-49 Stake & Grades Contour

(52nd to Monroe)

dwg. 7205C, 7204L

73

3+71.94 BC Dawson	2.30	387.11
3+41.57	2.57	386.90
3+11.18	2.79	386.68
2+80.79	3.01	386.46
2+50.40	3.22	386.25
2+20.01	3.44	386.03
1+89.62 EC Allen	3.65	385.82
1+73.18 EC	3.77	385.70
1+55.88	3.92	385.55
1+38.56	4.08	385.39
1+21.24	4.24	385.23
1+03.92	4.40	385.07
0+86.60	4.56	384.91
0+69.28	4.72	384.75
0+51.96	4.88	384.59
0+34.64	5.04	384.43
0+17.32	5.20	384.27
0+00 BC	5.36	384.11

BVI 4.88

389.47

384.59

SE. 3P. 52nd # Contour

Cont'd From Page 73

74

6+93.01	BC. Lt.	2.99	390.56
6+69.81		2.74	390.31
6+49.40	BC Rt.	2.96	390.09
6+23.29		3.24	389.81
5+97.19		3.52	389.53
5+71.09		3.80	389.25
5+44.99		4.08	388.97
5+18.89	EC. Cb. Rt.	4.36	388.69
4+89.50		4.68	388.37
4+60.11		5.00	388.05
4+30.72		5.31	387.74
4+01.33		5.63	387.42
BM 333	393.05	389.72	RR Spike in Pole Dawson & Cent.

7-8-49

Roberts

Stake & Monroe

52nd to Contour

Dwg 7204L

2+62	BC Ret	Dawson	5.67	387.03
2+39			5.84	386.86
2+16			6.00	386.70
1+93			6.17	386.53
1+70			6.33	386.37
1+47			6.49	386.21
1+23			6.66	386.04
1+00			6.82	385.88
0+77			6.99	385.71
0+54			7.15	385.55
0+31			7.31	385.39
0+08			7.47	385.23
0+00	E Line 52nd		Exit 771	384.99 385.17

B.M. 4.49

392.70

388.21

Spike in Pole Dawson & Monroe

1790.98	End. Pav.	2.39	✓ 390.31
1760.98	4	1.90	✓ 390.80
1739.48		2.00	✓ 390.70
1734.48		2.07	✓ 390.63
1714.48		2.35	✓ 390.35
6799.48		2.63	✓ 390.07
0779.92	B.C. on Lt	3.01	✓ 387.69
0753.28		3.52	✓ 389.18
0726.64		4.02	✓ 388.68
0700	E.C. on Lt. Dawson	4.52	✓ 388.18

 392.70

 ^

Stake & Grades Dawson

77

7-12-49
Roberts
Greer
Gregory
Rorer

Dwg. 72032

3 + 86.01		5.54	386.41
3 + 56.04		5.39	386.56
3 + 26.07		5.25	386.70
2 + 96.10		5.10	386.85
2 + 66.13	Break	4.96	386.99
2 + 41.13	So. Pl. Break Monroe	5.05	386.93
2 + 11.13	& Monroe	4.77	387.18
1 + 81.13	No. Pl. Break Monroe	4.51	387.44
1 + 56.13	Break	4.11	387.84
1 + 28.63		3.86	388.09
1 + 01.13	EVC	3.62	388.33
0 + 81.13		3.53	388.42
0 + 61.13	BVC	3.60	388.35
0 + 30.56		3.84	388.11
0 + 00	So. Pl. Contour	4.09	387.86

BM 3.74 391.95

388.21 Spike in Pole Dawson & Monroe

Cont'd From Page 77

78

7 ± 30 No. T.L. El Cajon

7 + 15.78 Break

6 + 85.71

6 + 55.74

6 + 25.77

5 + 95.80

5 + 65.83

5 + 35.86

5 + 05.89

4 + 75.92

T.P. 359
4 + 45.95

4 + 15.98

Exist 5.18 ✓ 5.17 384.55

4.79 ✓ 384.93

4.66 ✓ 385.06

4.52 ✓ 385.20

4.39 ✓ 385.33

4.25 ✓ 385.47

4.12 ✓ 385.60

3.98 ✓ 385.74

3.85 ✓ 385.87

3.71 ✓ 386.01

5.81 ✓ 386.14

5.67 ✓ 386.28

389.72

5.82

386.13

391.95

Stake Intersection
51st & Conour

79

1148.15 EC		384.10
1128.38		384.38
1108.62	4.95	384.67
0788.86	4.67	384.95
0174.17H.		385.17
0769.10 B+K	4.38	385.24
		385.54
0750.56	4.08	385.56
		385.84
0732.03	3.78	385.88
		386.15 (Existing)
0713.50	3.47	386.20
0700.86		386.27
B.M. 5.03	389.62	384.59

453
437
24) 44.1

479
12
467
310

448
12
431

114

112

110

078

01

076

075

073

0413

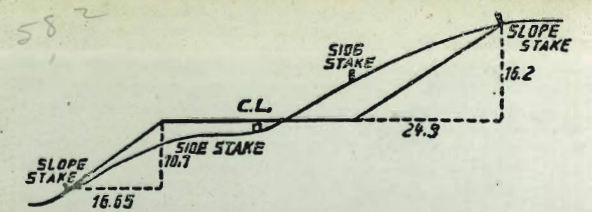
0400

1317

3597
 75
 24
 19.4 97
 573
 380
 193
 670
 477
 39903
 389.21
 382 305 93
 3577
 114
 112
 110
 078
 01
 076
 075
 073
 0713
 0706
 1317

395.06
 391.29
 388.73
 388.56
 395.06
 391.44
 388.64
 395.56
 391.14
 676
 539
 87
 678
 235
 74
 189.15
 198.76
 387.98
 557
 393.85
 499
 86
 395.06
 409
 390.97
 459
 395.56
 429
 391.27
 13308
 3961
 17269
 642

395.52
 561
 389.95
 395.56
 391.14
 387.98
 557
 393.85
 499
 86
 395.56
 391.55
 148
 391.55
 193
 667
 474
 109
 76



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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