Grade 129.

DAZT

FIELD BOOK

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THE FREDERICK POST CO.

ENGINEERING and DRAFTING SUPPLIES

IRVING PARK STATION

CHICAGO, ILL.

Long Branch Paving (1)
Jackdaw at Brooks (2)
Montecito Way at Ingalls (3)
Orange at Bancroft (4)
Kalmia at Kittner (10)

1

Long Branch Paving
Abbott to Venice

	S cb	N cb
El Abbott = 00	4.3 ✓	3.3
+50	4.40 ✓	3.52 ✓
1	4.50 ✓	3.75 ✓
+50	4.60 ✓	3.97 ✓
2	4.70 ✓	4.20 ✓
+50	4.80 ✓	4.42 ✓
3	4.90 ✓	4.65 ✓
+50	5.00 ✓	4.87 ✓
4	5.10 ✓	5.10 ✓
+50	5.20 ✓	5.32 ✓
5	5.30 ✓	5.55 ✓
+50	5.40	5.77 ✓
6 = WL Bacon	5.50	6.0
00 EL "	6.00	6.5
+50	7.25	7.50
1 = BREAK	8.5	8.5
+50	9.15 ✓	
2	9.80 ✓	
+50	10.45 ✓	
3	11.10 ✓	
+50	11.75 ✓	
4	12.40 ✓	
+50	13.05 ✓	
5	13.70 ✓	
+50	14.35 ✓	

1.94
6.04
7.98
4.11
3.87
10.65
14.52
2.16
12.36
11.21
23.57

Muir + Abbott NWBP
Long Branch + Abbott NEBP = Elev. 3.31
" + Bacon NW T.C.I. " 5.98

S	4.3 / ✓	4.6 / 3.4 / 4.9 / -1.5	4.7 / 3.3 / 4.8 / -1.5	4.8 / 3.2 / 4.9 / -1.7	4.9 / 3.1 / 4.7 / -1.6	5.0 / 3.0 / 4.7 / -1.7	5.1 / 2.9 / 4.8 / -1.9	5.2 / 2.8 / 4.5 / -1.7	5.3 / 2.7 / 4.3 / -1.6	5.4 / 2.6 / 3.8 / -1.2	5.5 / 2.5 / 3.4 / -0.9	5.6 / 2.4 / 2.9 / -0.5
N	3.3 / ✓	3.8 / 4.2 / 5.2 / -1.0	4.0 / 4.0 / 5.0 / -1.0	4.2 / 3.8 / 4.7 / -0.9	4.4 / 3.6 / 5.0 / -1.4	4.6 / 3.4 / 4.9 / -1.5	4.9 / 3.1 / 4.7 / -1.6	5.1 / 2.9 / 4.5 / -1.6	5.3 / 9.2 / 10.8 / -1.6	5.6 / 8.9 / 10.3 / -1.4	5.8 / 8.[illegible] / 10.1 / -1.4	6.0 / 8.5 / [illegible] / -0.4
S	5.5 / 9.07 / ✓	6.0 / 8.52 / ✓	7.5 / 7.0 / 7.4 / -0.4	8.7 / 5.8 / 6.1 / -0.3	9.4 / 5.1 / 5.2 / -0.1	10.0 / 4.5 / 4.6 / -0.1	10.7 / 3.8 / 4.2 / -0.4	11.3 / 3.2 / 3.8 / -0.6	12.0 / 2.5 / 3.4 / -0.9	12.6 / 11.0 / 11.7 / -0.7		
N	6.0 / 8.52 / ✓	6.5 / 8.02 / ✓	7.7 / 6.8 / 6.6 / +0.2	8.7 / 5.8 / 5.5 / +0.3	9.4 / 5.1 / 4.8 / +0.3	10.0 / 4.5 / 4.4 / +0.1	10.7 / 3.8 / 4.0 / -0.2	11.3 / 3.2 / 3.4 / -0.2	12.0 / 2.5 / 2.8 / -0.3	12.6 / 1.9 / 1.9 / 0.0		
S	13.3 / 10.3 / 10.5 / -0.2	14.0 / 9.6 / 10.0 / -0.4	14.6 / 9.0 / 9.0 / 0.0									
N	13.3 / 10.3 / 10.4 / -0.1	14.0 / 9.6 / 9.5 / +0.1	14.6 / 9.0 / 9.0 / 0.0									

Long Branch

	S cb	N cb	
			23.57 / 3.39 / 23.18 / 9.19 / 32.37 / 3.10 / 29.27 / 9.48 / 38.75
6 = WL cable	15.0	15.0	
00 EL "	16.0	16.0	
+50	17.0		
1	18.0		
+50	19.0		
2	20.0		
+50	21.0		
3 = BREAK	22.0 ✓	22.0 ✓	
+50	22.67 ✓	22.70 ✓	
4	23.33 ✓	23.41 ✓	
+50	24.0 ✓	24.12 ✓	
5	24.67 ✓	24.83 ✓	
+50	25.33 ✓	25.5 ✓	
6 WL DeFoe	26.0	26.25	
00 EL "	26.5 = .17 H	26.75	
+50	27.0 5.18	27.18 ✓	5.23
1	27.5 4.91 ✓	27.62	4.79 ✓
+50	28.0 4.41	28.06	4.35 ✓
2	28.5 3.91 ✓	28.5	3.91 ✓
+50	29.0 3.41	28.93	3.48
3	29.5 2.91	29.37	3.04
+50	30.0 2.41	29.81	2.60
4	30.5 1.91 ✓	30.25	6.55
+50	31.0 5.80	30.68	6.12
5	31.5 5.30	31.12	5.68
+50	32.0 4.80	31.56	5.24

Long Branch + Cable SW subgrade 15.42
" " + DeFoe SW TOT. 25.91

S	15.0 / 8.57 / 8.51 / .06 H	16.0 / 7.57 / 7.50 / .07 H	17.2 / 6.4 / 6.2 / +0.2	18.2 / 5.4 / 5.3 / +0.1	19.2 / 4.4 / 4.3 / +0.1	20.2 / 3.4 / 3.4 / 0.0	21.2 / 2.4 / 2.0 / +0.4	22.2 / 1.4 / 1.4 / 0.0	22.9 / 9.5 / 8.9 / +0.6
N	15.0 / 8.57 / ✓	16.0 / 7.57 / ✓	6.4 / 6.2 / +0.2	5.4 / 5.0 / +0.4	4.4 / 4.0 / +0.4	3.4 / 3.1 / +0.3	2.4 / 2.1 / +0.3	22.2 / 10.2 / 9.7 / +0.5	22.9 / 9.5 / 9.2 / +0.3
S	23.6 / 8.8 / 8.8 / 0.0	24.2 / 8.2 / 8.2 / 0.0	24.9 / 7.5 / 7.5 / 0.0	25.6 / 6.8 / 6.7 / +0.1	26.0 (cb) / 6.37 / 6.42 / .05 Low	26.5 (cb) / 5.87 / 5.60 / .17 H	27.2 / 5.2 / 4.3 / +0.9	27.7 / 4.7 / 3.9 / +0.8	28.2 / 4.2 / 4.1 / +0.1
N	23.6 / 8.8 / 9.0 / -0.2	24.4 / 8.0 / 8.1 / -0.1	25.1 / 7.3 / 7.6 / -0.3	25.8 / 6.6 / 6.7 / -0.1	26.25 (cb) / 6.12 / 6.07 / .05 H	26.75 (cb) / 5.62 / ✓	27.4 / 5.0 / 4.5 / +0.5	27.9 / 4.5 / 4.4 / +0.1	28.3 / 4.1 / 4.0 / +0.1
S	28.7 / 3.7 / 3.6 / +0.1	29.2 / 3.2 / 3.4 / -0.2	29.7 / 2.7 / 3.5 / -0.8	30.2 / 2.2 / 3.0 / -0.8	30.7 / 1.7 / 2.7 / -1.0	31.2 / 7.6 / 8.4 / -0.8	31.7 / 7.1 / 7.3 / -0.2	32.2 / 6.6 / 6.4 / +0.2	
N	28.7 / 3.7 / 3.7 / 0.0	29.2 / 3.2 / 3.8 / -0.6	29.7 / 2.7 / 3.3 / -0.6	30.2 / 2.2 / 2.9 / -0.7	30.5 / 1.9 / 2.5 / -0.6	30.9 / 7.9 / 8.5 / -0.6	31.40 / 7.4 / 7.8 / -0.4	31.8 / 7.0 / 7.1 / -0.1	

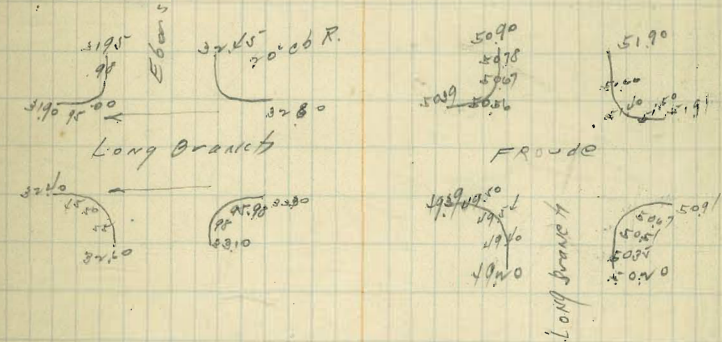
Long Branch

	S ℄	N ℄
6 W.L. EBERS	32.50	32.0
00 EL "	33.0	32.5
+50	34.45	33.91
1	35.91	35.33
+50	37.37	36.74
2	38.83	38.16
+50	40.29	39.58
3	41.74	41.0
+50	43.20	42.41
4	44.67	43.83
+50	46.12	45.25
5	47.58	46.67
+50	49.03	48.08
6 = W.L. Froude	50.50	49.50
00 = EL "	51.50	50.50
+55	53.72	52.72
1+10	55.95	54.95
+65	58.17	57.17
2+20 = BREAK	60.20	59.4
+40 "	61.30	60.3
+60 "	62.40	61.4
+80 "	63.70	62.7
3 "	65.20	64.2
+46.67	68.80	67.80
+93.3	72.40	71.40
4+40 - BREAK	76.0	75.0

38.75
0.35
38.40
13.05
51.45
0.29
51.16
11.72
62.88
0.96
61.92
8.89
70.81
0.42
70.39
14.99
55.35

Long Branch & Ebers SW 3 nails 34.44
" " & Froude S.E nails 55.26

S	32.7 / 6.1 / 6.0 / +0.1	33.2 / 5.6 / 4.9 / +0.7	34.7 / 4.1 / 3.8 / +0.3	36.1 / 2.7 / 1.5 / +1.2	37.6 / 1.2 / 0.0 / +1.2	39.1 / 12.4 / 10.6 / +1.8	40.5 / 11.0 / 8.3 / +2.7	42.0 / 9.5 / 6.6 / +2.9	43.4 / 8.1 / 5.7 / +2.4	44.9 / 6.6 / 4.2 / +2.4
N	32.2 / 6.6 / 6.8 / -0.2	32.7 / 6.1 / 5.1 / +1.0	34.2 / 4.6 / 3.6 / +1.0	35.6 / 15.9 / 14.6 / +1.3	37.0 / 14.5 / 12.4 / +2.1	38.4 / 13.1 / 11.3 / +1.8	39.8 / 11.7 / 9.7 / +2.0	41.2 / 10.3 / 8.5 / +1.8	42.6 / 8.9 / 7.8 / +1.1	44.1 / 7.4 / 6.3 / +1.1
S	46.4 / 5.1 / 2.9 / +2.2	47.8 / 3.7 / 1.8 / +1.9	49.3 / 2.2 / 1.0 / +1.2	50.7 / 12.2 / 10.9 / +1.3	51.7 / 11.2 / 10.1 / +1.1	54.0 / 8.9 / 8.4 / +0.5	56.2 / 6.7 / 6.2 / +0.5	58.4 / 4.5 / 4.2 / +0.3	60.6 / 2.3 / 1.9 / +0.4	61.5 / 1.7 / 1.0 / +0.7
N	45.5 / 6.0 / 4.8 / +1.2	46.9 / 4.6 / 3.3 / +1.3	48.3 / 3.2 / 2.8 / +0.4	49.9 / 1.6 / 0.3 / +1.3	50.7 / 12.2 / 11.6 / +0.6	53.0 / 9.9 / 9.7 / +0.2	55.2 / 7.7 / 7.5 / +0.2	57.4 / 5.5 / 5.6 / -0.1	59.6 / 3.3 / 3.8 / -0.5	60.5 / 2.4 / 2.6 / -0.2
S	62.6 / 8.2 / 7.6 / +0.6	64.0 / 6.8 / 6.5 / +0.3	65.4 / 5.4 / 5.1 / +0.3	69.0 / 1.8 / 1.3 / +0.5	72.6 / 10.8 / 8.8 / +2.0	76.2 / 7.2 / 4.7 / +2.5				
N	61.6 / 1.3 / 1.2 / +0.1	63.0 / 7.8 / 7.4 / +0.4	64.4 / 6.4 / 6.9 / -0.5	68.0 / 2.8 / 2.8 / 0.0	71.6 / 11.8 / 10.7 / +1.1	75.2 / 8.2 / 8.5 / -0.3				



Long Branch

		SC6	NC6	
1+80		79.50	78.75	
5+20		83.01	82.50	
+60		86.50	86.25	
6 = WL Guiot		90.0	90.0	
00 = EL	"	91.50	91.0	
+60.2		99.37	98.75	
1+20.2		107.25	106.50	
+80.6		115.12	114.25	
2+40.8 = BREAK=00		123.0	122.0	Sunset Grove
Curb in from here to Venice				
0+59.3 = BREAK		130.0	129.0	
1+18.6	"	137.0	136.0	
1+77.8	"	144.0	142.90	
2+07.8	"	146.80	145.80	
+37.8	"	148.30	147.30	
+67.8	"	148.50	147.50	
2+97.8	"	147.40	146.40	
3+47.8				
+97.8				
4+47.8				
+97.8 = WL Venice		135.50	134.50	

83.32
0.18
83.17
1.27
95.91
1.05
95.56
89.05
98.61
0.39
108.00
1.96
121.18
0.81
120.37
6.66
127.01
1.06
126.95

Long Branch & Guiot SE 7 Ct 91.43
" " & Sunset Grove add S.S. Top curb = 122.95

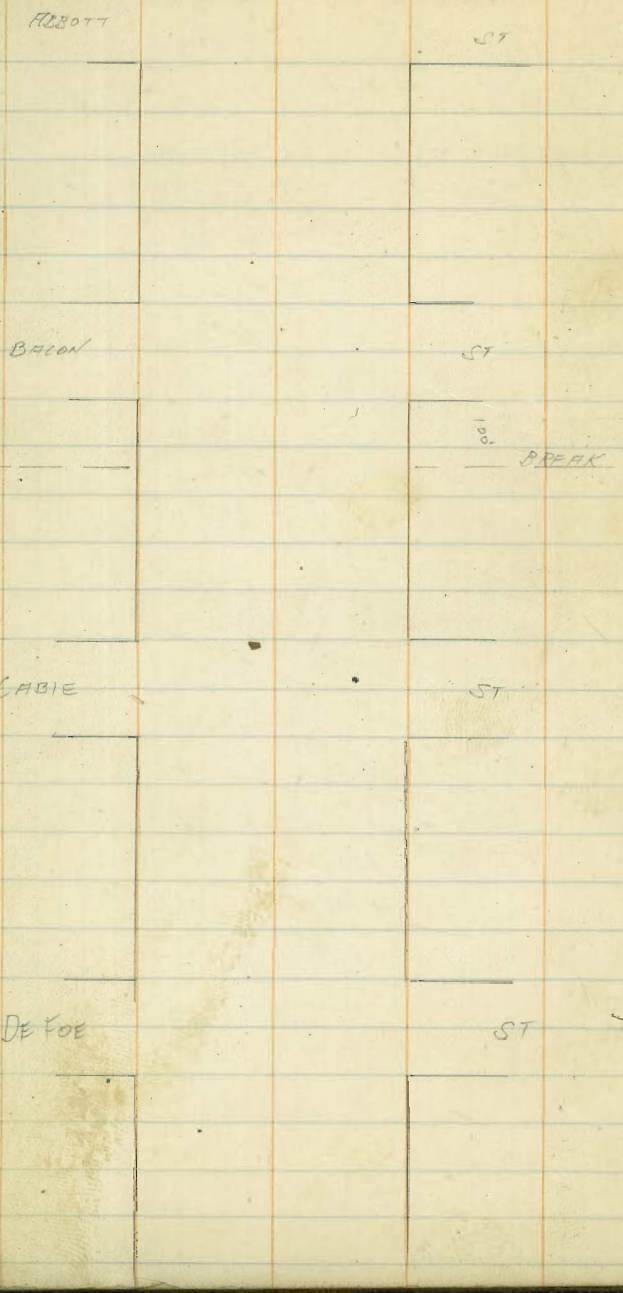
4

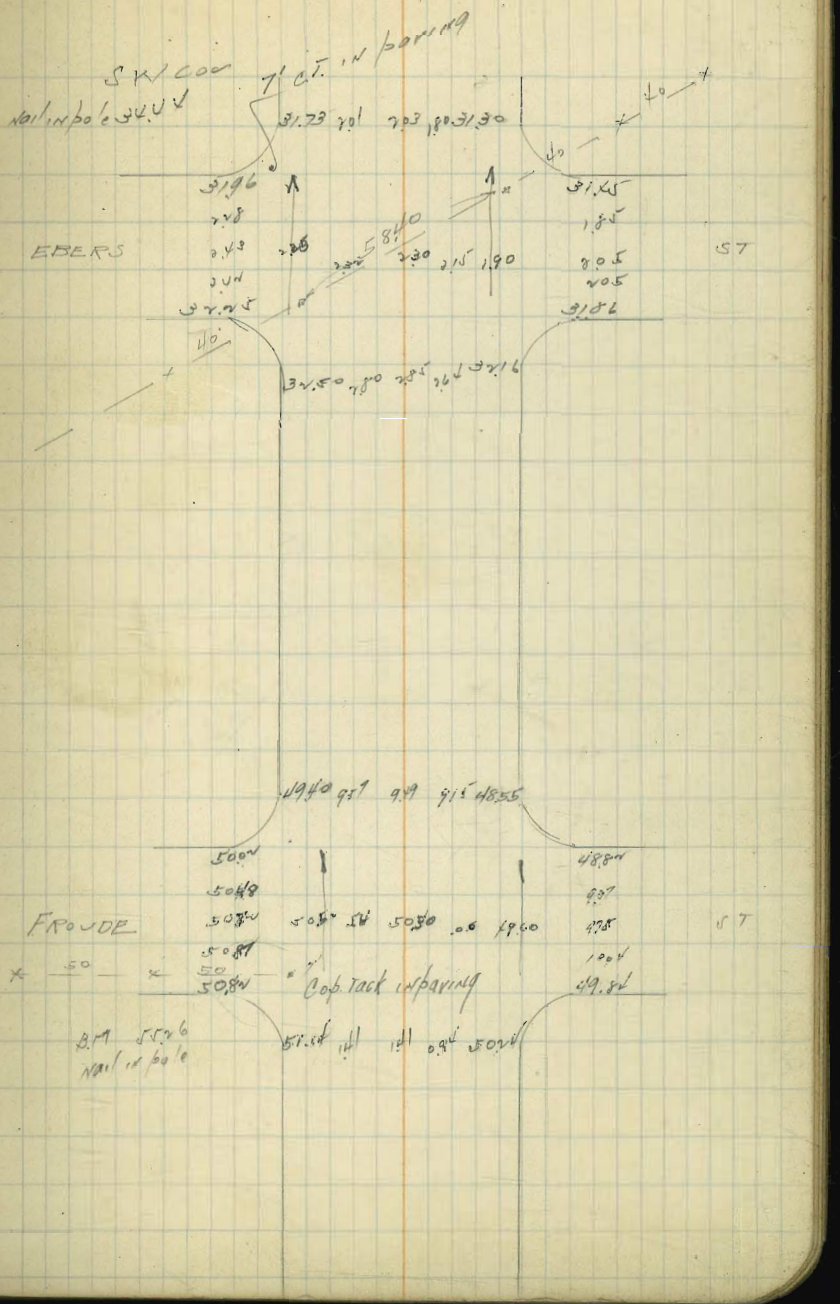
S	79.7	83.7	86.7	90.0	91.3	99.6	107.5	115.4
	3.7	17.7	9.7	5.0	4.3	9.6	19.7	5.8
	1.7	10.8	5.9	F	F	3.0	11.6	1.5
	+1.5	+1.9	+3.9			+1.0	+0.1	+3.3
	79.0	82.7	86.5	90.0	91.0	99.0	106.7	114.5
	4.2	13.5	5.0	5.1	4.9	9.6	1.7	6.1
	4.7	13.3	2.5	F	F	9.1	1.6	5.3
	-0.2	+0.9	+2.0			+0.5	+0.1	+1.2

S 123.0 CNC curb
4.01
4.06
0.05 low

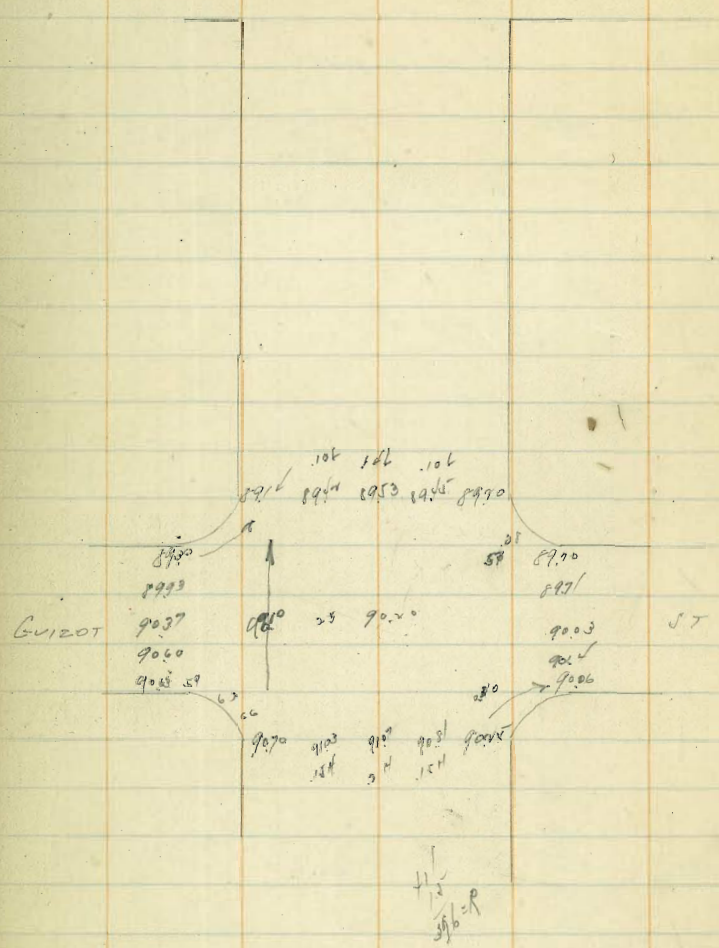
123.0 " "
5.01
5.15
0.17 low

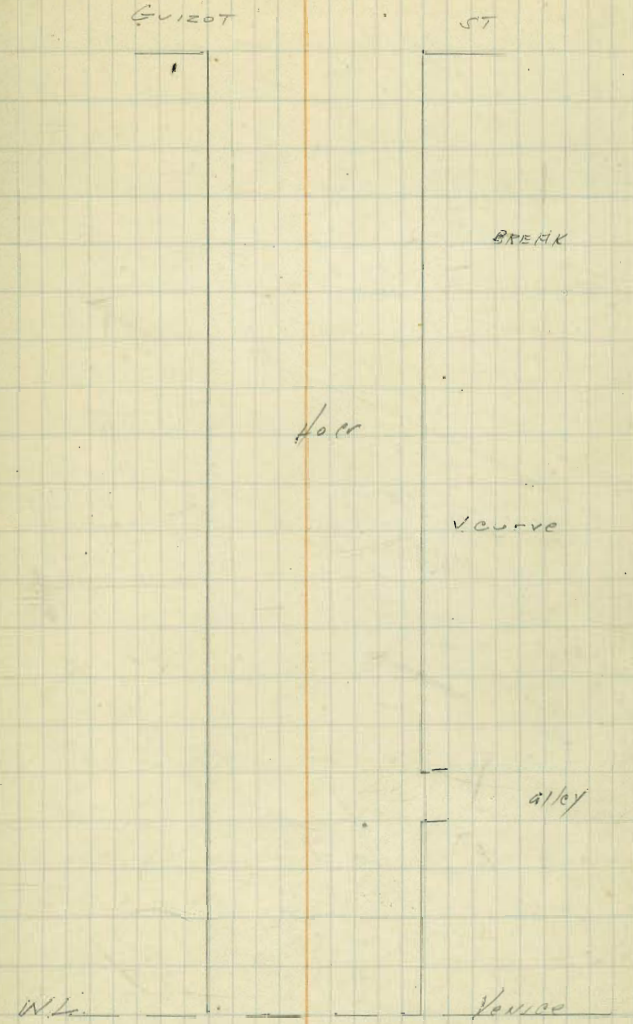
Long Beach Paving





Long Branch Paving

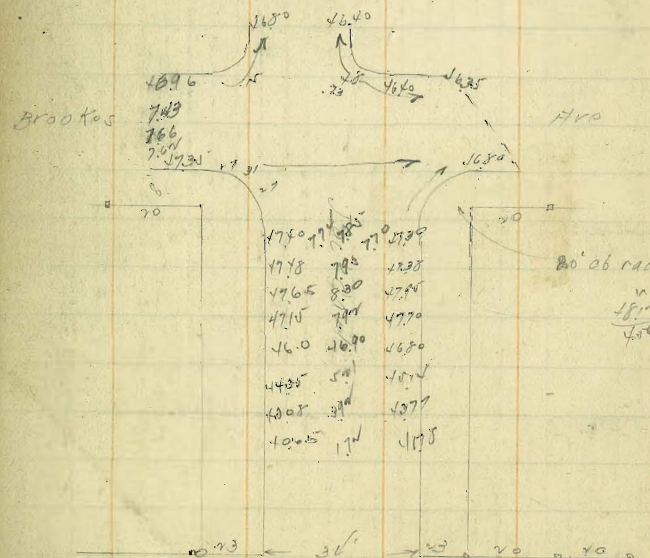




Jackdaw & Brookes Paving

Watson & Surron

	W cb	E cb
S L Brookes	248.0	247.5
20' S	248.2	248.0
60' S	248.3	248.64
100' S	247.8	248.50
140' S	246.7	247.60
180' S	245.0	246.0
200' S	243.65	244.65
220' S	241.60	242.60
260	236.80	237.80
300 = N L Walnut	232.0	233.0
N S = N ¢ "	231.70	232.70



247.48
5.20
252.68
10.48
242.20

80' ob radius

242.0
1.20
10.80
+1.40

247.48 = NW BP Brookes + Jackdaw
8.48
255.96
11.80
244.16

W L 45.9 48.5 48.6 48.1 49.0 45.0 43.9 41.9

E L 47.8 48.8 48.9 48.8 47.9 46.3 44.9 44.9

W L 37.1 32.3 31.7

E L 35.1 33.3 32.7

Culvert # 1 = E curb 229.0 = Bottom Box. 217.0 = Flowline outlet

" # 2 = W curb 228.5 = " " 214.5 = " "

00 = M.H. to be constructed

0 + 45

0 + 90

1 + 35 =

Flowline 239.46

231.1

222.84

214.50 14.69
14.83
−0.14 low

B.P. 247.48 N.W. B.P. Brookes and Jackdaw. Donnan, Flood, Osborne
5.62 July 25-27 – Curb 3' offset.
253.10 H.I.

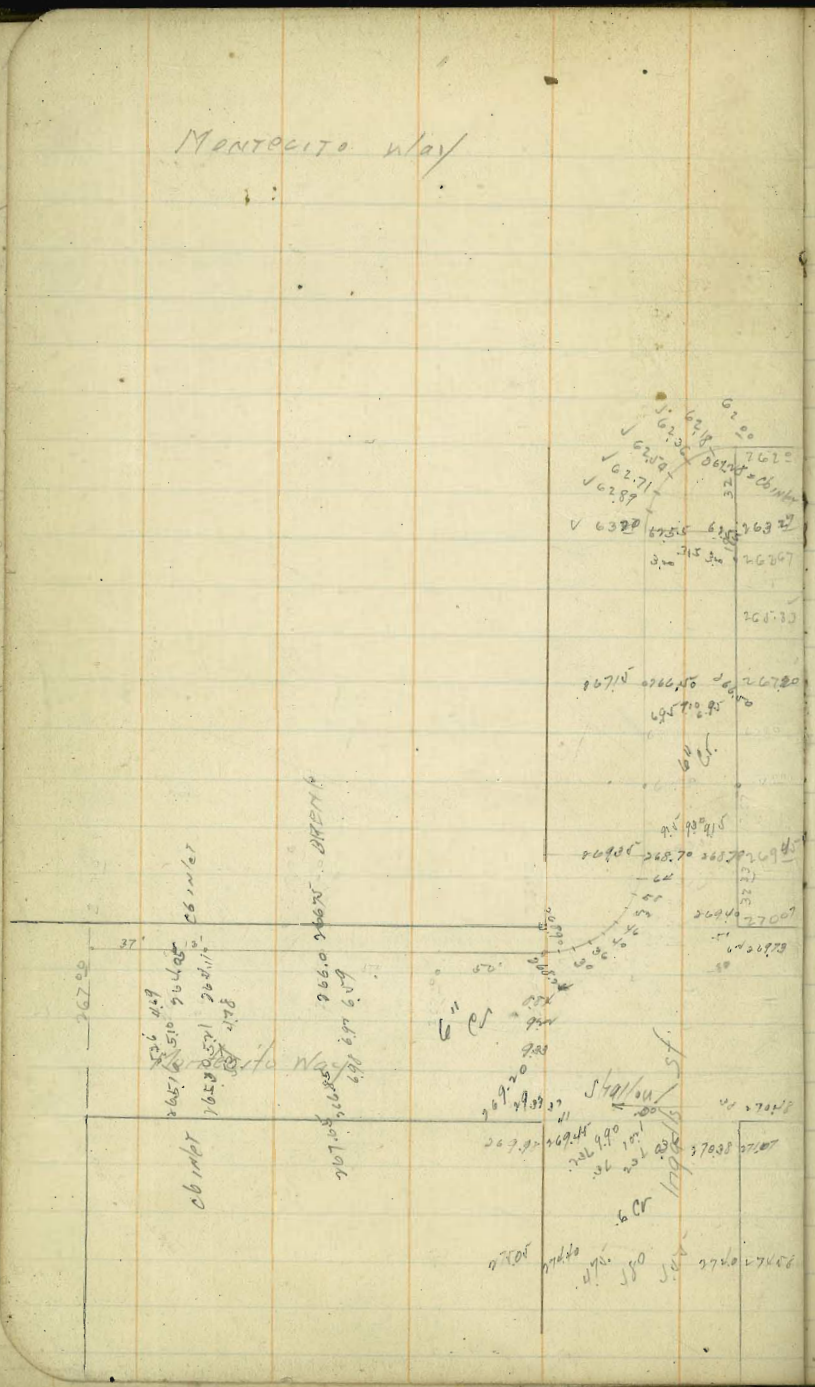
253.10 253.10 253.10 253.10 253.10
48.00 48.00 48.12 48.20 48.30
5.10 5.10 4.98 4.90 4.80

253.10 253.10 253.10 253.10 253.10
47.80 46.70 45.00 43.65 41.60
5.30 6.40 8.10 9.45 11.50

253.10 253.10 253.10 253.10 253.10 253.10 53.10 53.10
47.40 47.50 47.80 47.80 48.00 48.62 48.50 47.60

53.10 53.10 53.10 43.66 43.66 43.66 43.66
46.00 44.65 42.60 37.80 36.80 32.00 33.00
7.10 8.45 10.50 5.86 6.86 11.66 10.66

July 26-27 { Donnan / Osborne / Flood



B.P. Cor Jackdaw & Montecito.
270.√2 B.P. N.W. Jackdaw and Fort Stockton

S.W. Tack Ingalls and Montecito.

Cul No 2.

Cul No 3.

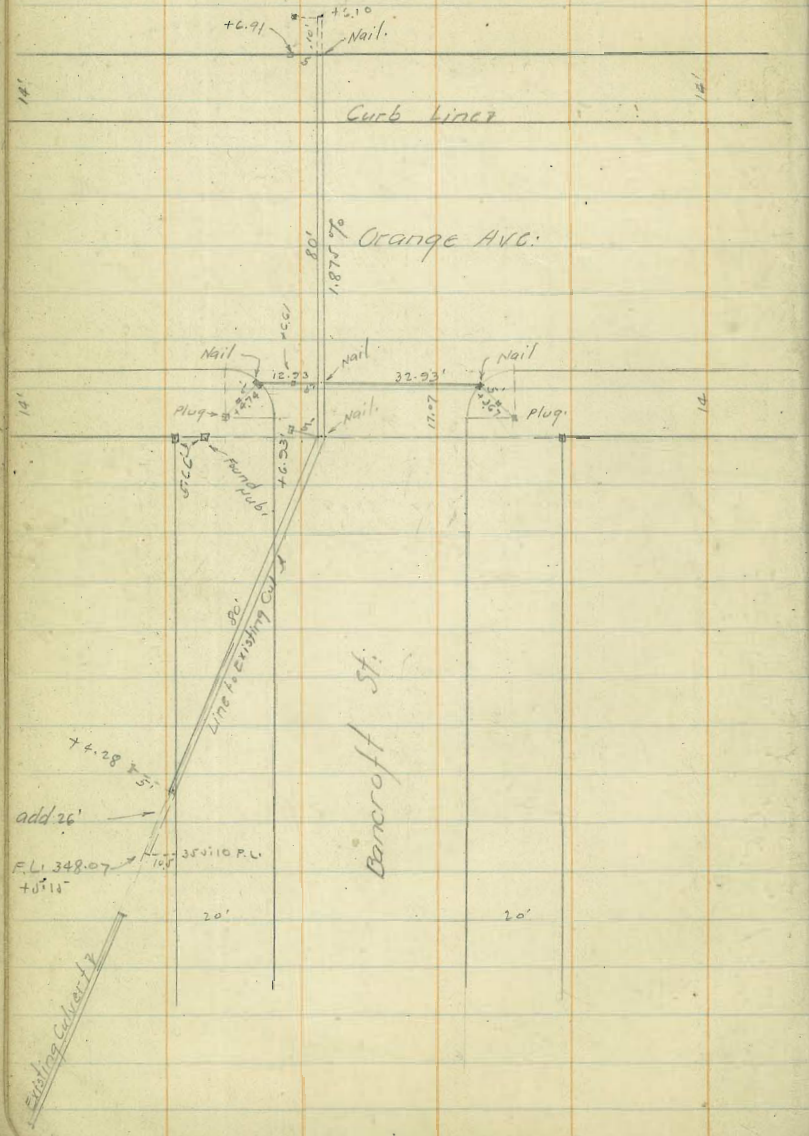
+ 4.58 on offset.

+ 3.7 on off.

July 27th 07. Demarz: Osborne: Flood.

Set Culverts:

Gat P.C. 358.4
Gat end of Cul 10' out 351.67



361.01 Illinois and Howard S.E. Cor B.P.
+3.41
364.42 π
-3.24
361.18
+0.36
371.54 π
8.33
363.21
2.78
365.99 π See check above:
6.91
359.08 3 Nails Pole No 3229 Orange Ave:
+2.50
361.63 π

361.63 − 48.50 = 313.13 − 9.85 = 4.28
361.63 − 350.00 = 11.63 + 4.70 = +6.93
361.63 − 350.32 = 11.31 + 4.70 = +6.61
361.63 − 357.09 = 9.84 + 6.80 = +4.74
361.63 − 352.09 = 9.04 + 5.37 = +3.67
361.63 − 351.50 = 10.13 + 3.22 = +6.91

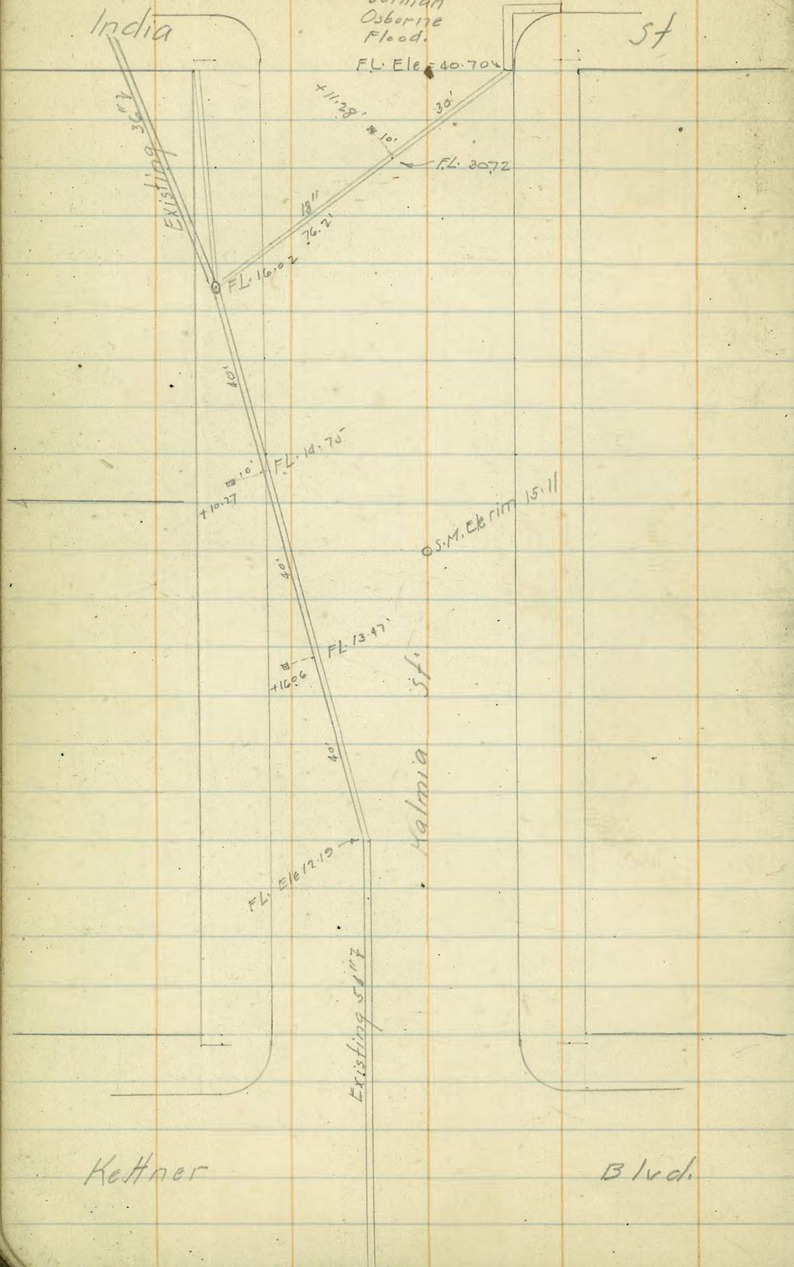
359.08 + 3.14 = 362.22 π − 3.75 = 358.47 − 51.50 = 6.97
362.22 − 4.45 = 357.77 − 51.67 + 6.10
362.22 − 9.00 = 353.22 − 48.07 + 51.15

359.08 + 1.65 = 360.73 π − 11.85 = 248.88 + 1.40 = 250.28 π − 5.79 = 244.54 Curb Pole and Boundary: Profile shows 243.50 on Bancroft:

365.99 + 0.00 = 361.99 C.L. S.E. Cor orange & Boundary
365.99 − 5.99 = 360.00 C.L. N.E. Cor orange and Boundary:

Culvert stakes
July 28th 1927

Dornan
Osborne
Flood.



46.87 = B.M. 46.87 S.W. Cor. India and Kalmia.

46.87
+ 2.36
49.23 π
− 7.45
41.78 on [illegible] Kalmia and India.
+ 1.02
42.80 π
− 12.76
30.04 on pipe.
+ 2.86
32.90 π
− 12.45
20.45
+ 2.62
23.07 π

32.90
7.88
25.02 = 0+40 = 10' offset
14.75
+ 10.27

32.90
3.37
29.53 = 0+80 = 10' offset.
13.47
+ 16.06

23.07
7.05
16.02 = F.L. of Existing 36"

23.07
10.88
12.19 = F.L. of Existing 54"

41.78
5.34
47.12 π

23.07
7.96
15.11 = Top sewer manhole.

47.12
6.42
40.70 = Bottom of box Cul. S.W. Cor.

47.12
5.12
42.00
30.72
+ 11.28 = 10' offset at 0+20

+	⊼	−		Dannon Flood Osborne
Xsection Vermont & Cypress intersection and W E. Aug 1-27				
3.21	288.17		284.96 B.P. N.E ? Ver and Penn.	
3.58	284.96	6.79	281.38	Rock

Cypress paved to the West from the West line of Vermont:
26' Roadway: 12' curbs: 50' st: 25' Radius at N.W. Cor. Curb and return in at N.E. Cor Curb in to N.L. Cypress: 34' of arc in; middle ord = 3.87
Vermont paved to N.L. Cypress:
Vermont 80' st 10' Cbs: 13' gts:

W.L. Vermont St

		−	
N.L. on Concrete sidewalk:		2.74	282.22
+9 on curb		2.89	282.07
+9.1 Gutter on paving		3.62	281.34
cb	" "	3.62	281.34
1/4	" "	3.67	281.29
℄	" "	3.61	281.35
1/4	Ground	3.8	281.2
cb		3.5	281.5
S.L		3.1	281.9

Note: Combination 5' curb and sidewalk on the south side of Cypress ends 12' west of the west line of Vermont St produced south.

Rod on end of curb		2.93	282.03

Note: Paving does not come to the West line of Vermont on the south side of Cypress:

West curb of Vermont:

S.L		4.8	280.2
CB		4.4	280.6
1/4		4.1	280.9

+	⊼ 284.96	−	
℄		4.0	281.0
1/4		3.9	281.1
cb		3.7	281.3
N.L. on Pavement		3.55	281.41

W. 1/4 Vermont

N.L. on Pavement		3.36	281.60
cb		4.0	281.0
1/4		4.3	280.7
℄		4.5	280.5
1/4		5.4	278.6
cb		6.9	278.1
S.L		10.0	275.0
S.L + 30		16.4	268.6

℄ Vermont

S.L − 50'		20.2	264.8
S.L − 25'		15.4	269.6
S.L		10.0	275.0
cb		6.9	278.1
1/4		5.5	279.5
℄		4.7	280.3
1/4		4.4	280.6
cb		4.0	281.0
N.L. on paving		3.38	281.58

E 1/4 Vermont

N.L. on paving		3.72	281.24
cb		4.2	280.8

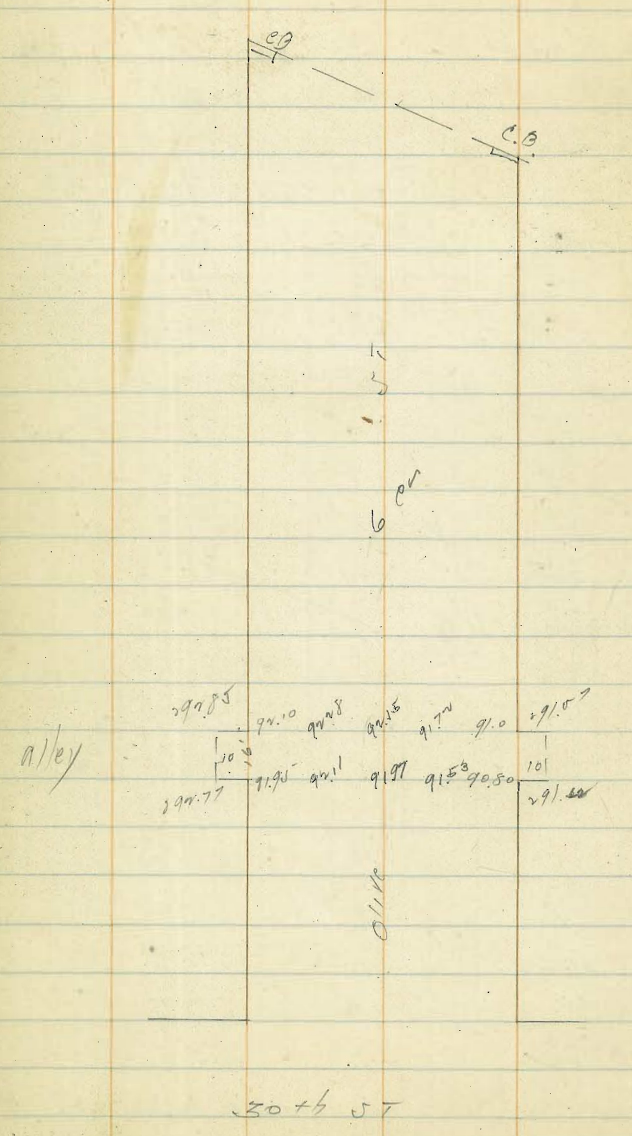
+	T	−	Elev.
	284.96	Vermont and Cypres Intersection.	
1/2		4.7	280.3
℄		5.1	279.9
1/2		7.6	277.4
cb		11.2	273.8
S.C.		17.2	267.8
S.C. +20		21.3	263.7
S.C. +50		22.1	262.9
E Curb Vermont st			
S.C. -10		30.6	254.4
S.C. - 25		31.1	253.9
S.C.		24.9	260.1
cb.		18.3	266.7
1/4		13.1	271.9
℄		8.1	276.9
1/2		4.9	280.1
cb.		4.0	280.6
N.C. on Pavement		4.32	280.64
E Curb +7			
N.C. on Pavement.		4.41	280.55
cb		4.2	280.8
1/2		4.3	280.7
℄		8.7	276.3
1/4		1.9	283.1
cb		8.0	277.0
S.C.		11.9	273.1
+25		33.1	251.9

+	T	−	Elev.
	284.96		
S.C. +50		36.3	248.7
E.C. Vermont st			
S.C. -60		39.6	245.4
S.C. +50		38.0	247.0
S.C. -40		36.4	248.6
S -25		32.5	252.5
S.C.		19.7	265.3
cb		14.8	270.2
1/2		10.9	274.1
℄		7.6	277.4
1/2		4.5	280.5
cb		4.2	280.8
P.C. end of curb		3.90	281.06
E.C. Vermont +15			
N.C.		3.8	281.2
cb		4.5	280.9
1/2		4.1	280.9
℄		4.3	280.7
1/2		4.7	280.3
cb		7.9	277.1
S.C.		15.0	270.0
+25		27.3	257.7
+50		34.5	250.5
#		0.00	284.96 Initial B.M.

0+25 See Book ~~115~~ Page 61; No change ground.

8/3/47

Olive St. Paving
East of 30th St

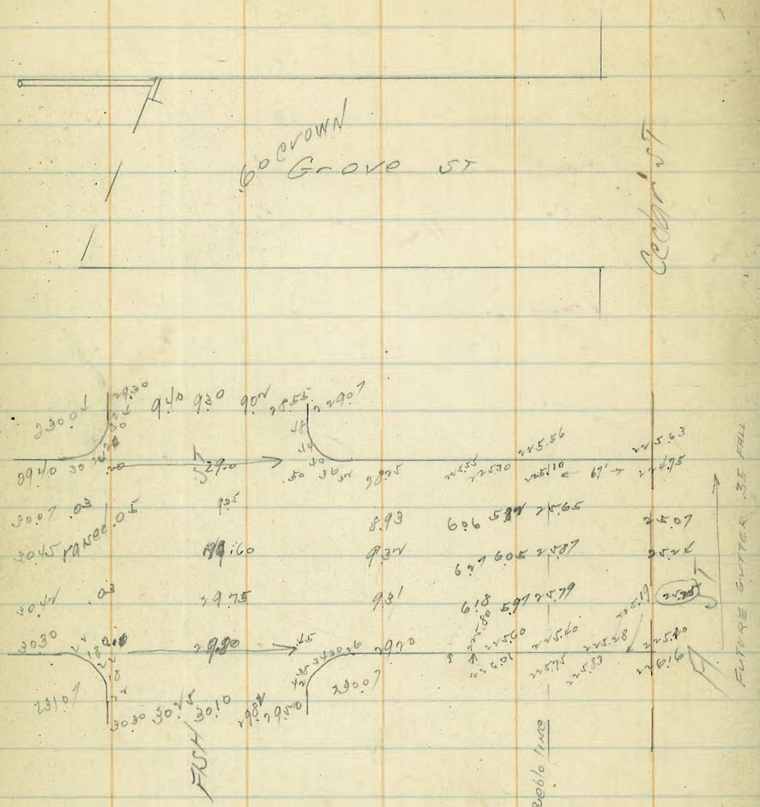


301.00 SW Palm & 30th
2.60
303.60
8.91
294.69 ← T.P. Top wall NW Cor alley & Olive St
0.12
294.81

294.81 12.91 281.90	flow culvert #2 inlet	287.6	7.2 6.0 +1.2	
0.40 282.30	" " #1 "	288.8		6.0 4.6 +1.4
13.01 269.29	" " Junction	266.9	15.2 13.0 +2.2	
4.75 274.04	" outlet	264.0		10.0 9.5 +0.5

8/13/47

Grove St Paving
A St North of Cedar



218.0 To curb

Flowline of box 215.0

" outlet 206.0

4.25
1.05
+3.2

13.25
12.85
-0.60

218.0
1.25
219.25

225.07 NWBP 3rd & Ash
1.10
226.17

224.66 SEBP A & Grove
5.50
230.16

N ST Grading

	S c6	N c6
EL 16+4	11.00	12.50
+50	12.25	13.62
1	13.50	14.75
+50	14.75	15.87
℄ = WL 17+4 ST	16.00	17.00
00 EL " "	17.50	18.50
0+50	18.75	19.87
1	20.00	21.25
+50	21.25	22.62
℄ = WL 18+4 ST	22.50	24.00
00 EL " "	24.00 NO TIE	25.50

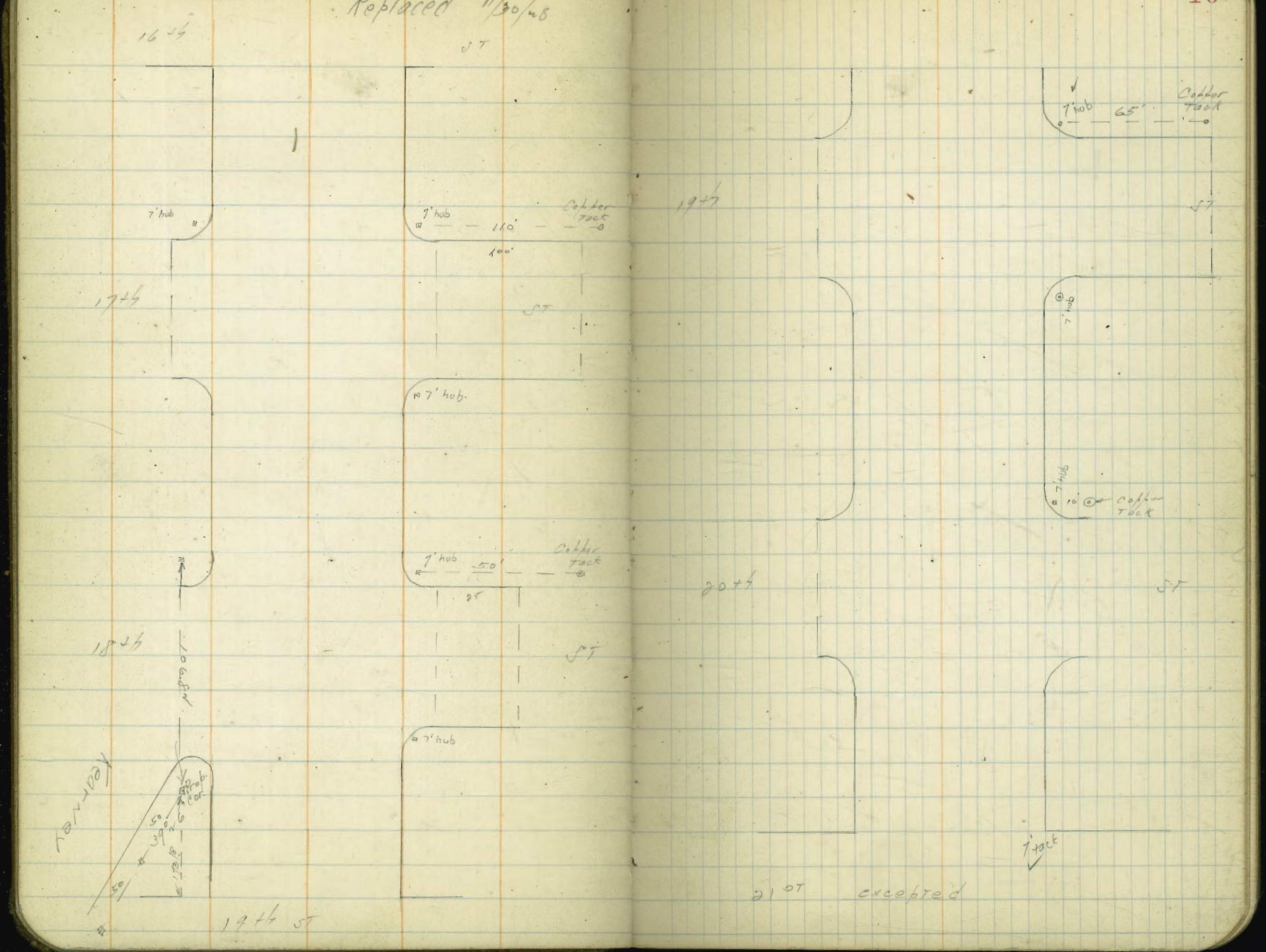
17+4 ST Grading

	W c6	E c6
NE N ST	17.00	18.50
50' N	21.66	22.75
100' N	26.33	27.00

NEBP N. of 16+4

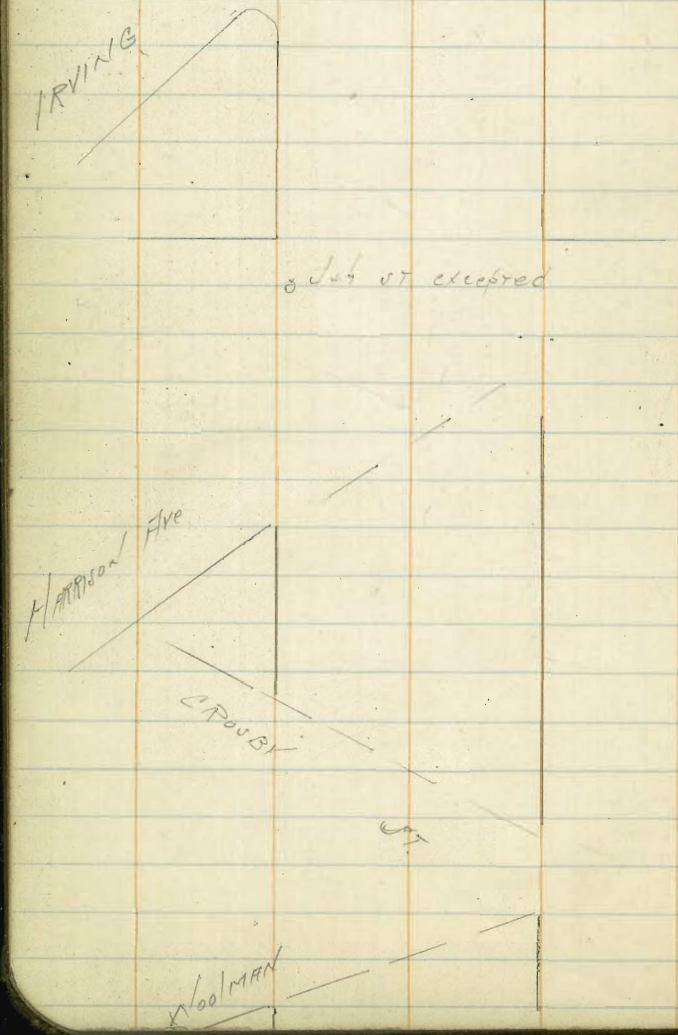
15/15

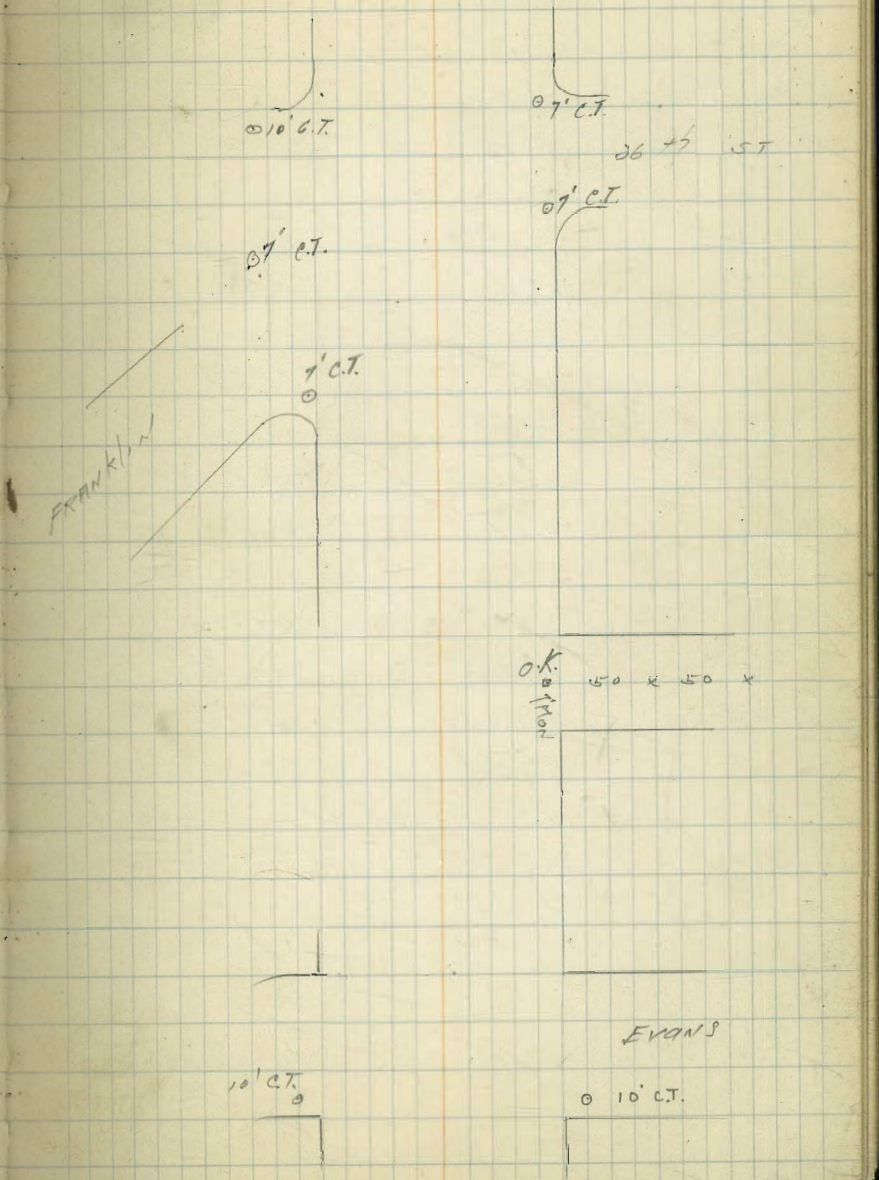
N ST R. Points
Replaced 11/30/48



N St R. Points

Replaced 11/30/28





N ST Grading

	S cb	N cb	
EL 18th ST = 0+00	24.00 Not Set	25.50	0+00
0+26.52 = NL Kearney	24.50	26.37	+50
1+00	25.76	27.25	1
+50	26.62	28.12	+50
2 = WL 19th ST	27.50	29.00	2 = WL 19th
00 EL " "	29.00	30.50	
+50	30.0	31.50	
1	31.0	32.50	
+50	32.0	33.50	
2 WL 20th ST	33.00	34.50	
00 EL " "	34.50	36.00	
+50	35.87	37.25	
1	37.25	38.50	
+50	38.62	39.75	
2 WL 21st ST	40.00	41.00	
EL " "	41.50	42.50	

21st intersection Excepted

33.92 / 2.22 / 31.50 / 6.33 / 37.53 / 0.73 / 36.80 / 11.82 / 48.62 / 4.76 / 43.88 Top Hyd SE Cor N+21st

+26.52

S: 24.7 (9.2, 8.7, +0.5) | 26.0 (7.9, 5.9, +2.0) | 26.8 (7.1, 4.9, +2.2) | 27.7 (6.2, 6.2, 0.0) | 29.2 (4.7, 5.5, −0.8) | 30.2 (7.3, 9.2, −1.9) | 31.2 (6.3, 14.5, −8.2)

0+50

N: 26.6 (7.3, 3.8, +3.5) | 27.5 (6.4, 3.4, +3.0) | 28.3 (5.6, 2.7, +2.9) | 29.2 (4.7, 2.2, +2.5) | 30.7 (6.8, 3.5, +3.3) | 31.7 (5.8, 2.0, +3.8) | 32.7 (4.8, 1.6, +3.2)

S: 32.2 (5.3, 13.6, −8.3) | 33.2 (4.3, 8.4, −4.1) | 34.7 (2.8, 6.8, −4.0) | 36.1 (1.4, 8.9, −7.5) | 37.5 (11.1, 10.1, +1.0) | 38.8 (9.8, 10.1, −0.3) | 40.0 (8.64)

N: 33.7 (3.8, 3.0, +0.8) | 34.5 (3.0, c 6.08) | 36.0 (12.62, 13.96, 1.32 curb low) | 37.5 (11.1, 5.1, +6.0) | 38.7 (9.9, 4.0, +5.9) | 40.0 (8.6, 1.9, +6.7) | 41.0 (7.64)

36.0 / 12.6 / 12.2 / +0.4

39.07 / 0.84 / 28.23 Top wall NW Cor N+18th

12.52 / 9.96 / 22.48 / 0.16 / 22.32 / 6.75 / 29.07

25.50 / 3.57 | 21.0 / 8.07 / 3.57 / +4.50 | 20.0 / 9.07 / 4.57 / +4.5 | 24.00 / 5.07 / 4.57 / +0.4

28.23 Top wall 18th + N NW Cor / 5.60 / 33.83

W 29.00 / 4.83 / 4.88 / 23.95 | E 30.50 / 3.33 / 4.84 / 28.99 — Top curb

28.68 = Elv. track WL 19th ST

30.20 = " " EL " "

N ST Grading
21ST to Crosby

	S cb	N cb
EL 21ST	41.5	42.5
0+50	42.87	43.87
1	44.25	45.25
+50	45.62	46.62
2 NL 22nd	47.0	48.0
EL 22nd ST	—	49.0
0+29		49.40
1+05.8=NL Irving Ave	48.53	49.80
+59	48.77	50.15
2+00 = BREAK	49.0	50.50
+60.5	48.57	50.07
3+10.5	48.21	49.71
+60.5	47.85	49.35
4+10.5 WL 24th	47.5	49.0
	S cb	N cb
NL Harrison	50.25	
0+55	50.73	
1+10	51.22	
1+65	51.72	
2+20=WL Crosby	52.20 = curb 0.23 Low	

43.88
9.68
53.56

Top Hyd. SE Cor N + 21ST

S: 41.5 / 12.1 / 4 — 43.1 / 10.5 / 7.2 / +3.3 — 44.5 / 9.1 / 7.0 / +2.1 — 45.9 / 7.1 / 5.1 / +2.0 — 47.0 / .14

N: 42.5 / 11.1 / 4 — 44 / 9.5 / 7.0 / +2.5 — 45.5 / 8.4 / 6.4 / +1.7 — 46.9 / 6.7 / 6.4 / +0.3 — 45.0 / .14

N + 24th = NEBP

48.98
3.96
52.94
3.80
49.14
5.38
54.52

N: 49.0 / 5.52 / .40 / 1.24 (cb) — 49.6 / 4.9 / 3.2 / +1.7 — 50.0 / 4.5 / 2.7 / +1.8 — 50.4 / 2.5 / 0.8 / +1.7 — 50.70 / 2.2 / 1.8 / +0.4 — 50.30 / 2.6 / 1.8 / +0.8 — 50.0 / 2.92 / 1.94 / +1.0 — 49.6 / 3.3 / 1.4 / +1.9 — 49.0 / 3.94

48.53 / 6.00 — 49.0 / 5.5 / 5.4 / +0.1 — 49.2 / 5.3 / 4.7 / +0.6 — 48.8 / 4.1 / 3.5 / +0.6 — 48.5 / 4.4 / 3.2 / +1.2 — 48.1 / 4.8 / 5.3 / -0.5 — 47.5 / 5.44

48.98 NE 24th
6.03
55.01

SL: 50.25 = cb / 4.75 — 50.5 / 4.5 / 5.0 / -0.5 — 51.0 / 4.0 / 3.8 / +0.2 — 51.5 / 3.5 / 3.1 / +0.4 — 52.0 / 3.0 / 2.0 / +1.0 — 52.2 = cb / 2.8 / 3.03 / -0.23 Low

N 1st Grading
25th to 26th

	SCG		NCG	
EL 25th = 00			54.40	
1+60 = EL alley			55.71	
1+63 = NL Woolman	55.10		—	
2+10	55.55		56.12	
+60	56.04		56.53	
3+10	56.52		56.94	
+60	57.00		57.35	
4+10	57.50		57.76	
+60	58.0		58.17	
5+10	58.50		58.59	
+60 = WL 26th St	59.0		59.00	
EL " = 00 on N Line		0+00 NL	60.0	
		0+50	60.30	
		1	60.60	
00	60.0	+50	60.90	
+50	60.39	2	61.20	
1	60.78	+50	61.50	
+50	61.17	3	61.80	
2	61.56	+50	62.10	
+50	61.95	4	62.40	
3	62.34	+50	62.70	
+50	62.73	5	63.0	
4	63.12	+50	63.30	
4+69.65 = Δ S Line	63.70	6+00	63.60	WL 27th
SL 27th	64.00		64.00	EL "

68.71 π
6.25
62.46
4.60
67.06
7.08
59.98
3.62
63.60

SL	55.10 cb / 8.5 ✓	55.8 / 7.8 / 0.0	56.3 / 7.3 / 7.7 / -0.4	56.8 / 6.8 / 5.8 / +1.0	57.2 / 6.4 / 5.4 / +1.0	57.7 / 5.9 / 5.4 / +0.5	58.2 / 5.4 / 4.9 / +0.5	58.7 / 4.9 / 4.2 / +0.7	59.0 cb / 4.6 ✓	
NL	54.4 cb	55.9 / 7.7 / 8.7 / -1.0	56.4 / 7.2 / 8.4 / -1.2	56.8 / 6.8 / 8.9 / -2.1	57.2 / 6.4 / 0.0	57.6 / 6.0 / 6.3 / -0.3	58.0 / 5.6 / 6.0 / -0.4	58.4 / 5.2 / 5.6 / -0.4	58.8 / 4.8 / 0.0	59.0 / 4.6 ✓
S	60.2 / 6.9 / 6.7 / +0.2	60.6 / 6.5 / 5.5 / +1.0	61.0 / 6.1 / 6.4 / -0.3	61.4 / 5.7 / 6.3 / -0.6	61.8 / 5.3 / 6.2 / -0.9	62.2 / 4.9 / 0.0	62.6 / 4.5 / 4.4 / +0.1	63.0 / 5.7 / 4.7 / +1.0	63.4 / 5.3 / 0.0	63.9 / 4.8 / 6.6 / -1.8
N	60.0 cb / 7.1 ✓	60.5 / 6.6 / 7.0 / -0.4	60.8 / 6.3 / 6.8 / -0.5	61.1 / 6.0 / 7.2 / -1.2	61.4 / 5.7 / 7.0 / -1.3	61.7 / 5.4 / 6.9 / -1.5	62.0 / 5.1 / 6.6 / -1.5	62.3 / 6.4 / 7.3 / -0.9	62.6 / 6.1 / 6.4 / -0.3	62.9 / 5.8 / 5.6 / +0.2
NL	63.2 / 5.5 / 5.0 / +0.5	63.5 / 5.2 / 4.8 / +0.4	63.8 = WL / 4.9 / 4.5 / +0.4	63.6 = cb						

N ST - Grading

	S cb	N cb
EL 27th	64.0	64.0
0 + 50	64.25	64.25
1 = WL Evans	64.50	64.50
EL "	65.00	65.00
0 + 22.5	65.12	65.37
1 + 05	65.25	65.75
1 + 57.5	65.38	66.12
2 + 10 WL Hensley	65.50	66.50
EL Hensley	66.0	67.0
0 + 50	66.17	67.10
1	66.33	67.20
+ 50 WL 28th	66.50	67.31
EL 28th	66.72	67.44

65.01
6.05
71.06
5.82
65.24
3.47
68.71

N + Evans SEBP

21

S
64.2 / 4.4 / 5.5 / -1.0
64.5 / 4.2 / 5.7 / -1.5
64.7 = WL ✓ / 4.0 / 4.8 / -0.8
65.2 = EL / 3.5 / 3.7 / -0.2 cb
65.4 / 5.6 / 5.7 / -0.1
65.5 / 5.5 / 5.2 / +0.3
65.6 / 5.4 / 5.5 / -0.1
65.7 = WL / 5.3 / 5.5 / -0.2

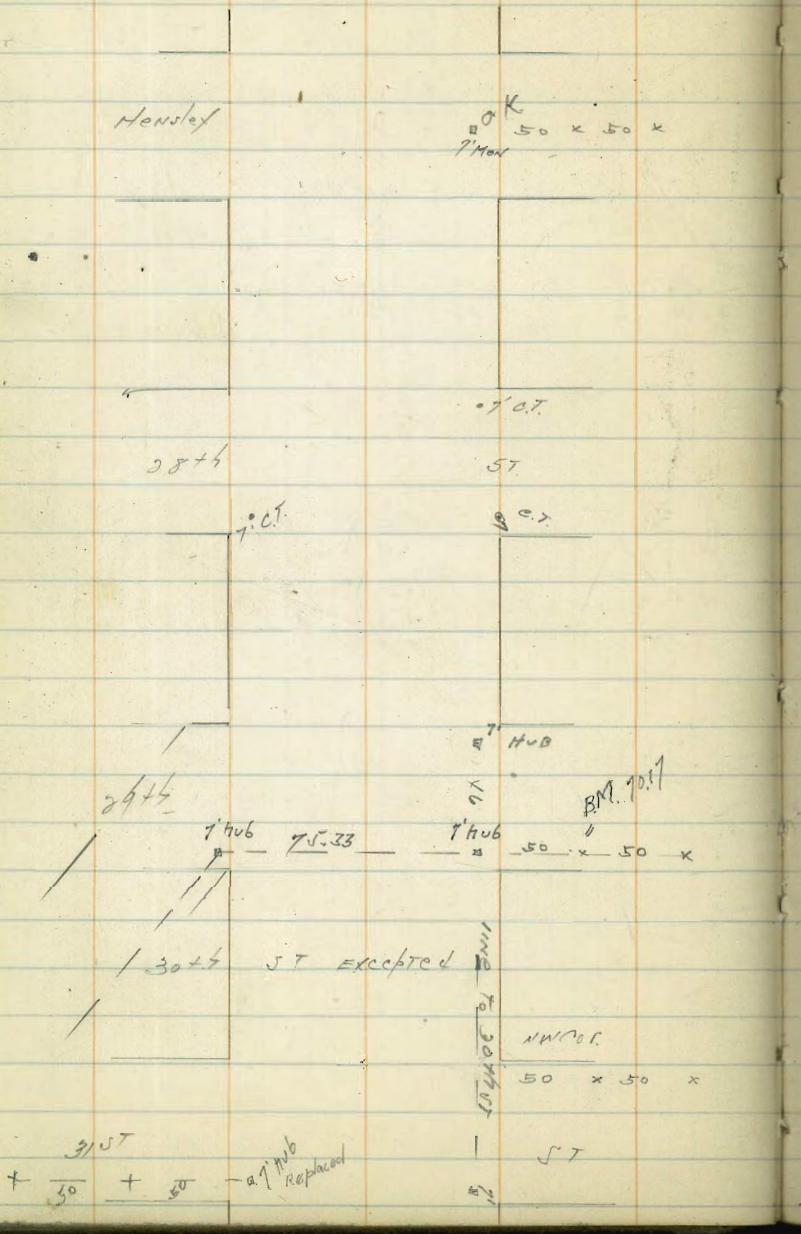
N
64.2 / 4.5 / 4.6 / -0.1
64.5 / 4.2 / 4.3 / -0.1
64.7 / 4.2 / 5.0 / -0.1
65.0 / 3.7 ✓
65.6 / 3.1 / 3.8 / -0.7
66.0 / 5.0 / 6.4 / -1.4
66.4 / 4.6 / 5.8 / -1.2
66.7 / 4.3 / 4.3 / 0.0

S
66.2 = EL / 4.8 / 5.1 / -0.3
66.4 / 4.6 / 4.0 / +0.6
66.6 / 4.4 / 4.0 / +0.4
66.5 cb 66.9 / 4.5

N
67.2 / 3.8 / 3.3 / +0.5
67.3 / 3.7 / 3.7 / 0.0
67.40 / 3.6 / 3.9 / -0.3
67.31 = cb / 3.7 ✓

N 57 R.P.S

Replaced 11/20/28



75.33
73
2.33

N ST Grading

	SCB	NCB
EL 28th = 00	66.72	67.44
0+50	66.90	67.54
1	67.08	67.66
+50	67.26	67.76
2	67.44	67.87
+50	67.62	67.97
3	67.80	68.08
+50	67.98	68.18
4	68.16	68.30
+50	68.34	68.40
+94 = WL 28th	68.50	68.50
0+00 = EL	68.80	68.80

7017 = 1st RP North of N 28th
410
74.27

S	66.72 = cb	67.1	67.3	67.5	67.7	67.9	68.0	68.2
	7.55	7.2	7.0	6.8	6.6	6.4	6.3	6.1
	7.61	7.2	7.0	6.7	6.1	6.1	5.2	5.1
	cb = 0.06 low	0.0	0.0	+0.1	+0.5	+0.3	+1.1	+1.0
N	67.44 cb	67.8	67.9	68.0	68.1	68.2	68.3	68.4
	6.83	6.5	6.4	6.3	6.2	6.1	6.0	5.9
		4.9	5.4	5.9	4.7	4.4	3.8	3.7
	cb = 0.20 H	+1.6	+1.0	+1.0	+1.5	+1.7	+2.2	+2.2
S	68.4	68.6	68.7	69.0				
	5.9	5.7	5.6	5.3				
	4.7	3.7	4.1	4.1				
	+1.2	+2.0	+1.5	+1.2				
N	68.5	68.6	68.7	69.0				
	5.8	5.7	5.6	5.3				
	4.3	3.2	4.3	4.1				
	+1.5	+2.5	+1.3	+1.2				

N ST Grading
29th to 30th

	SCB	NL STATION	NCB	
EL 29th = 00	68.80	0+00	68.80	
0+44.85 = Δ	69.00			
0+64.85 = Δ	69.10	0+50	69.02.	
1+06.85 = WL 29th	69.29	1	69.24	
1+25.69 = EL "	69.37			
1+.50	69.46	+50	69.46	
2		2	69.68	
+50		+50	69.90	
3		3	70.12	
+50		+50	70.34	
4		4	70.56	
+50		+50	70.78	
5		5	71.0	
+50		+50	71.22	
6		6	71.44	
+50		+50	71.66	
7		7	71.88	
+25 WL 30th	72.00	+25	72.00	WL 30th

72.19 T.P.
72.46 = T.P. 1st stub E of 30th N LINE
4.00
76.46
4.62
71.84
4.99
76.81

S

WL 29th / EL

S	69.0 7.8 6.6 +1.2	69.2 7.6 5.9 +1.7	69.3 7.5 5.9 +1.6	69.5 7.3 5.5 +1.8	69.6 7.2 5.3 +1.9	69.7 7.1 5.3 +1.8	69.9 6.9 5.5 +1.4	70.1 6.7 4.8 +1.9	70.3 6.5 5.5 +1.0
N	69.0 7.8 6.6 +1.2		69.3 7.5 6.0 +1.5	7.3 SL 5.6 +1.7	69.5 7.3 6.0 +1.3	69.7 7.1 5.5 +1.6	69.9 6.9 5.1 +1.8	70.1 6.7 4.9 +1.8	70.3 6.5 5.2 +1.3
S	70.6 6.2 5.4 +0.8	70.8 6.0 5.6 +0.4	71.0 5.8 5.0 +0.8	71.2 5.3 5.0 +0.3	71.4 5.1 5.1 0.0	71.7 4.8 4.6 +0.2	71.9 4.6 4.4 +0.2	72.1 4.4 3.4 +1.0	72.0 SCB 4.46 ✓
N	70.6 6.2 4.5 +1.7	70.8 6.0 4.8 +1.2	71.0 5.5 4.4 +1.1	71.2 5.3 4.2 +1.1	71.4 5.1 4.0 +1.1	71.7 4.8 3.0 +1.8	71.9 4.6 3.6 +1.0	72.1 4.4 4.0 +0.4	72.0 CB 4.46 ✓

N St Grading
30th to 31st

	S cb	N cb
EL 30th = 00	72.0	72.0
0 + 50	72.17	72.16
1	72.33	72.31
+ 50	72.50	72.47
2	72.67	72.63
+ 50	72.83	72.79
3	73.0	72.95
+ 50	73.17	73.10
4	73.33	73.26
+ 50	73.50	73.42
5	73.67	73.58
+ 50	73.83	73.74
6 = WL 31st	74.0	73.9
EL "	74.0	74.2

82.48 +
8.77
73.76
4.47
78.23
5.77
72.46
4.40
76.86
4.61
72.25
5.09
77.34
5.15 T.P. 1
72.19

S	72.0 cb	72.4	72.6	72.7	72.9	73.1	73.2	73.4	73.6
		4.9	4.7	4.6	4.4	4.7	4.1	3.9	3.7
		3.9	4.6	4.1	4.9	4.5	4.9	4.6	3.6
		+1.0	+0.1	+0.5	-0.5	-0.3	-0.8	-0.7	+0.1

N	72.0 cb	72.4	72.6	72.7	72.9	73.1	73.2	73.4	73.6
	✓	5.8	5.6	5.5	5.3	5.1	5.0	4.8	4.6
		5.8	6.0	5.6	5.0	5.2	5.1	4.6	4.3
		0.0	-0.4	-0.1	+0.3	-0.1	-0.1	+0.2	+0.3

S	73.7	73.9	74.1	74.2
	3.6	3.4	2.8	2.7
	3.1	3.1	3.0	3.5
	+0.5	+0.3	-0.2	-0.8
		✓	✓	✓

N	73.7	73.9	74.1	74.2
	4.5	8.6	8.4	8.3
		8.9	8.0	9.6
		-0.3	+0.4	-1.3

74.97

N St Grading.
31st to 32nd

	S curb	N curb	
EL 31st = 0.0	74.2	74.20	74.20
0+50	74.25	74.41	
1	74.50	74.63	
+50	74.75	74.85	
2	75.0	75.06	
+50	75.25	75.28	
3 = BREAK	75.50	75.50	
+50	74.91	74.75	
4	74.32	74.0	
+50	73.73	73.25	
5	73.15	72.50	
+50	72.58	71.75	
6 = WL 32nd	72.0	71.0	

67.03
12.28
79.31
2.53
76.78
5.70
82.48

NINBP Imperial + 2nd

S	74.2 8.3 9.2 -0.9	74.5 8.0 6.6 +1.4	74.7 7.8 6.1 +1.7	75.0 7.5 5.6 +1.9	75.2 7.3 5.4 +1.9	75.5 7.0 4.6 +2.4	75.7 6.8 3.4 +3.4	75.1 7.2 4.1 +3.3	74.6 7.9 3.3 +4.6
N	74.2 8.3 8.9 -0.6	74.5 8.0 7.5 +0.5	74.7 7.8 7.5 +0.3	75.0 7.5 6.2 +1.3	75.2 7.3 6.2 +1.1	75.5 3.8 3.1 +0.7	75.7 3.6 4.6 -1.0	75.0 4.8 3.4 +1.3	74.2 5. 4.0 +1.1

Imp. + 30th
74.97 NINBP
5.67
80.64
4.45
76.19
1.84
78.03
2.87
75.16
3.04
78.20

S	74.0 5.3 0.7 +4.6	73.4 5.9 1.2 +4.7	72.8 6.5 0.4 +6.1	72.0 7.3 ✓			
N	73.5 5.8 4.1 +1.7	72.7 6.6 4.0 +2.6	72.0 7.3 4.9 +2.4	71.0 8.3 ✓			
N	74.40 3.8 4.4 -0.6	74.60 3.6 3.1 +0.5	74.80 3.4 3.1 +0.3	75.1 3.1 1.8 +1.3	75.3 2.9 1.9 +1.0	75.5 2.7 1.9 +0.8	75.7 2.5 3.4 -0.9

Sewer Construction on Crescent Knoll

Station	Elevation
D.E. N L Palm = 00 - 40	205.30
℄ Palm = 00 = M.H.	205.0
0+50	203.93
1	202.85
+50	201.78
2	200.71
+50	199.64
3	198.57
+50	197.50
+73.55 = Δ MH 84°54'25" Rt.	197.0
4	195.25
+50	191.98
5	188.72
+50	185.46
6 +03.22 = Δ M.H. 39°54'25" Lt	182.0
6 +40.72	179.50
6 +78.22 = Δ MH = 45° 00 LT	177.0
7	176.80
+50	176.34
8	175.88
8 +50	175.43
8 +97.92 = D.M.H. 182.08 = upper Flow	175.0
9 + 43.07	172.50
9 +88.22 = M.H.	170.0

214.76
3.15
217.91
17.90
205.01
2.11
207.12
13.10
194.02
2.81
196.83
10.84
185.99 = copper tack N.E. Cor Nutmeg + Brant
1.22
187.21

215.46 = nails in pole SW Palm + Albatross

191.07 = B.M. Cop tack S L Olive + East of El Brant

205.30 / 12.61 / 4.11 / +8.5	205.0 / 12.91 / 2.81 / +10.10	203.93 / 13.98 / 3.52 / +10.46	202.85 / 15.06 / 4.93 / +10.13	201.78 / 16.13 / 7.15 / +8.98	200.71 / 17.20 / 9.58 / +7.62	199.64 / 18.27 / 10.39 / +7.88
198.57 / 19.34 / 11.30 / +8.04	197.50 / 9.62 / 3.00 / +6.62	197.0 / 10.12 / 5.30 / +4.82	195.25 / 11.87 / 3.56 / +8.31	191.98 / 15.14 / 5.57 / +9.57	188.72 / 18.40 / 9.28 / +9.12	
185.46 / 11.37 / 3.05 / +8.32	182.0 / 14.83 / 6.35 / +8.48	179.50 / 17.33 / 7.42 / +9.91	177.0 / 19.83 / 8.95 / +10.88	176.80 / 20.03 / 9.40 / +10.63	176.34 / 20.49 / 9.75 / +10.74	
175.88 / 20.95 / 10.01 / +10.94	175.43 / 21.40 / 10.51 / +10.89	175.0 / 21.83 / 11.06 / +10.77	D.M.H. 182.08 / 14.75 / 11.06 / +3.69	172.50 / 24.33 / 11.30 / +13.03	170.0 M.H. / 17.21 / 11.26 / +5.95	

185.99 Copper tack NE Cor Nutmeg + Brant

Crescent Knoll

Culvert #1

East end of curb inlet	203.78	
℄ " " c 0+00	203.64	197.0 Bottom Box Flowline
end old curb in end cb inlet	202.46	
0+20 ℄ Break	196.0	
0+53 ℄ Break	188.0	
0+85 = outlet	171.0	

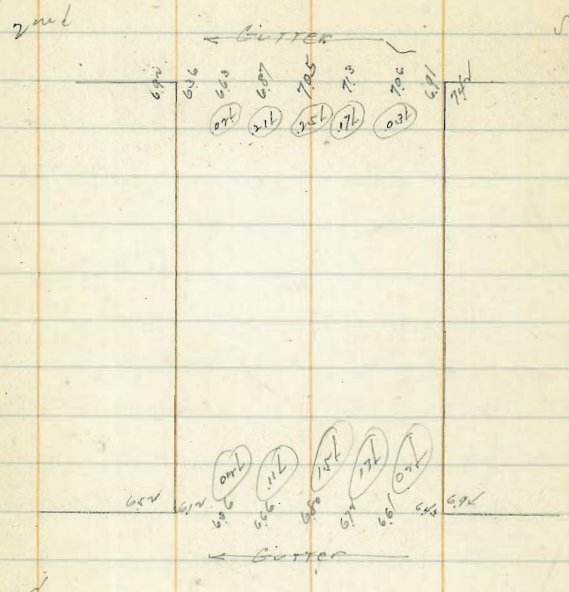
Culvert #2

Curb 15' N. 2nd Nutmeg	185.17	
" on " "	185.0	
0+00 = Bottom Box	180.25	
0+35	174.12	
0+70 outlet	168.0	

Culvert #3

SL Nutmeg	185.80	
15' N/o of "	185.94	
Bottom Box	179.0	
0+17.5	174.0	
0+35 outlet	165.0	

Island Fire Paving



6.67
5.46
12.13 SWGP Island & 3d

6.93
5.59
12.52 SWDP 2nd

8/24/07
Moore

MEADE AVE Grading

	SC6	NC6	
EL Texas	331.40	332.40	
+50	332.55	333.55	
1	333.70	334.70	
+50	334.85	335.85	
℄ = BREAK	336.0	337.0	
+50	338.50	339.50	
3 = WL Arizona	341.0	342.0	
EL "	342.09	343.50	
+60	349.09	350.45	
1+20	356.18	357.40	
+80 = BREAK	363.27	364.36	
℄ "	365.40	366.42	
+20 "	367.0	368.0	
+40 "	368.16	369.0	
+60 "	368.80	369.60	
3 = WL Hamilton	369.60	370.40	
EL "	371.20	372.0	
0+40	374.60	373.0	
0+80 = BREAK	374.0	374.0	
1+35	374.65		
+90	375.30		
℄ +45	375.95		
3 = WL Oregon	376.60	376.60	

S	31.4	32.5	34.0	35.1	36.4	38.7	41.0	47.0	49.3
℄	27.4	28.5	30.0	31.1	32.4	34.7	37.0	43.0	45.3
S	56.4	63.5	65.6	67.2	68.4	69.0	69.6	71.4	72.8
℄	57.6	64.6	66.7	68.4	69.4	69.8	70.40	74.0	78.4
S	74.4	74.9	75.5	76.4	76.6				
℄	74.4	74.9	75.5	76.4	76.6				
℄	357.37 = 3'R	359.96 = PL	362.38 = 3'R	362.29 = PL					
S	358.19 = 3'R	358.79 = PL	361.46 = 3'R	361.16 = PL					
℄	374.67 = 3'R	374.92 = PL	374.97 = 3'R	375.19 = PL					
S	4.79	4.51	4.49	4.47					

Meade Ave Grading

	S cb	N cb
EL Oregon	377.20	377.20
0+50	377.0	
1	376.80	
+50	376.60	
2	376.40	
+50	376.20	
3 WL Idaho	376.0	376.0

Alley Paving Blk 107 U.H. 10' wide

	S		N
EL Oregon	375.40		375.40
50	375.53		375.67
1	375.66		375.94
+40 = WL North alley	375.76		376.18
+60 = EL " "	375.81 = BREAK		376.24
2	375.93		376.28
+50	376.07		376.34
3 = WL Idaho	376.20	376.40	376.40

Sewer Construction Blk 107 U.H.

50' E of ℄ of N alley = Ex. Sewer = 0+00 369.90

0+62.5 = D.E. 371.0

377.23
3.85
381.08

SE Meade & Oregon No Plug

	cb						
S	77.2 / 3.9 ✓	77.2 / 3.9 / 4.3 / -0.4	77.0 / 4.1 / 4.4 / 0.3	76.8 / 4.3 / 5.0 / -0.7	76.6 / 4.5 / 5.0 / -0.5	76.4 / 4.7 / 5.0 / -0.3	76.0 cb / 5.1 .02
N	3.9 ✓	3.9 / 4.3 / -0.4	4.1 / 4.1 / 0.0	4.3 / 4.2 / +0.1	4.5 / 4.6 / -0.1	4.7 / 4.7 / 0.0	5.1 / .05

375.05
6.01
381.06
4.41
376.65
4.13
380.78
5.10
375.68
4.52
380.20

BP El Cajon & Oregon

S	75.40 / 4.80	75.53 / 4.67 / 4.11 / +0.56	75.66 / 4.54 / 4.74 / -0.20	75.76 / 4.44 / 4.64 / -0.20	75.81 / 4.97 / 3.97 / +1.0	75.93 / 4.85 / 4.29 / +0.56	76.07 / 4.71 / 4.53 / +0.18	76.20 / 4.58 / 4.25 / +0.33
N	75.40 / 4.80	75.67 / 4.53 / 4.63 / -0.10	75.94 / 4.26 / 4.52 / -0.26	76.18 / 4.60 / 5.23 / -0.63	76.24 / 4.54 / 5.04 / -0.50	76.28 / 4.50 / 5.00 / -0.50 ✓	76.34 / 4.44 / 5.12 / -0.68 / -0.64	76.40 / 4.38 / 4.13 / +0.25

Sewer grades

69.90
10.88
4.28
+6.60

371.0
9.78
4.48
+5.3

76.24
75.81
.43

76.34
.68
75.66
5.05
80.61

75.93
.56
76.49
4.24
80.73

75.74
4.98
80.72
75.81
4.91

76.07
4.54
4.44
10

80.73
5.22
75.51
4.69
80.20

76.20
4.53

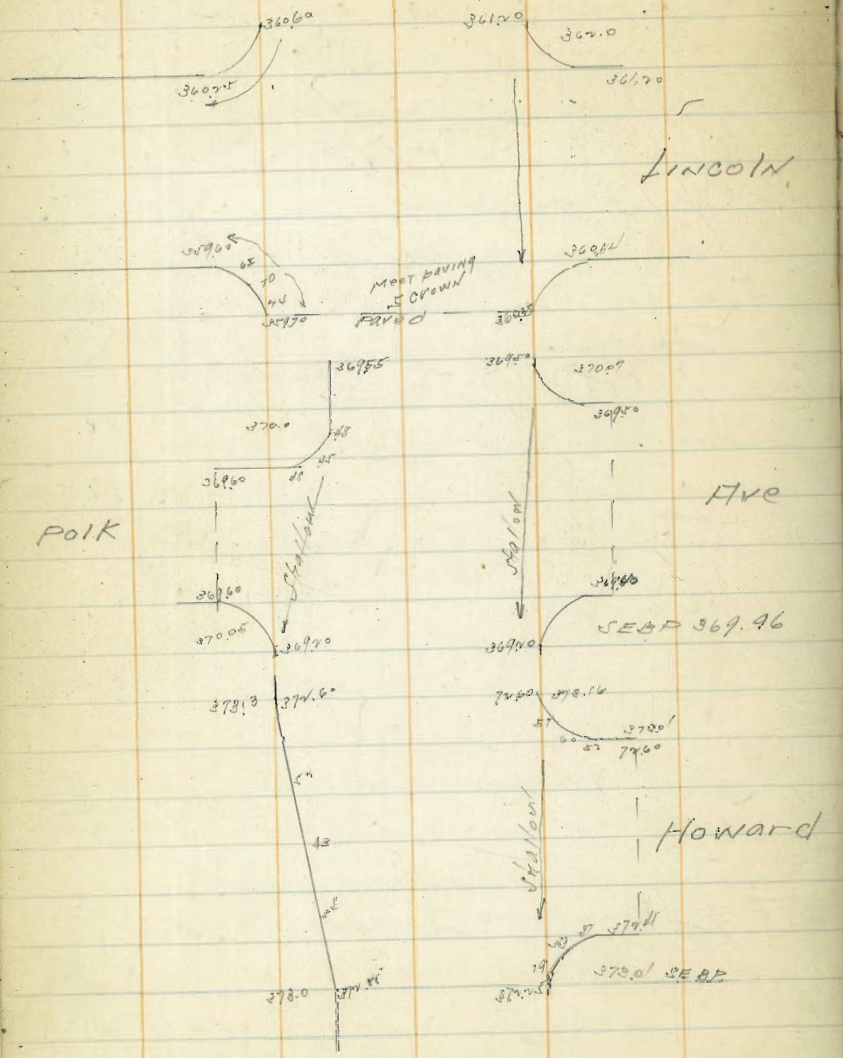
76.07
5.66
4.44
.22

76.28
4.45
4.91

76.34
4.39
5.05
-0.66

S	75.40 / 4.80 ✓	75.57 / 4.63 / 4.09 / +0.54	75.73 / 4.47 / 4.76 / -0.29	75.86 / 4.87 / 5.16 / -0.29	75.93 / 4.80 / 3.91 / +.89	76.06 / 4.67 / 4.24 / +0.43	76.23 / 4.50 / 4.44 / +.06	76.40 / 4.33 ✓
N	✓	4.63 / 4.62 / +0.01	4.47 / 4.50 / -0.03	4.87 / 5.12 / -0.25	4.80 / 4.98 / -0.18	4.67 / 4.94 / -0.27	4.50 / 5.05 / -0.55	4.33 ✓

IDAHO PAVING



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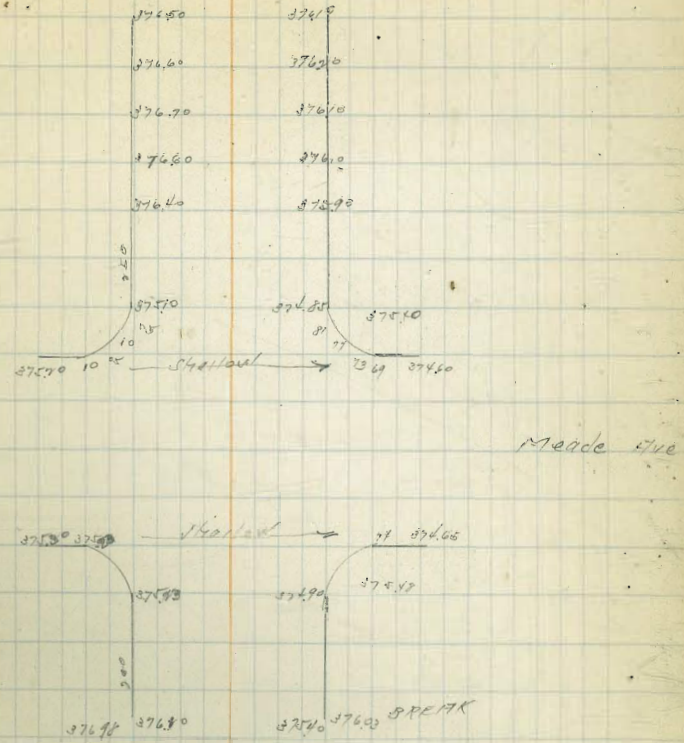

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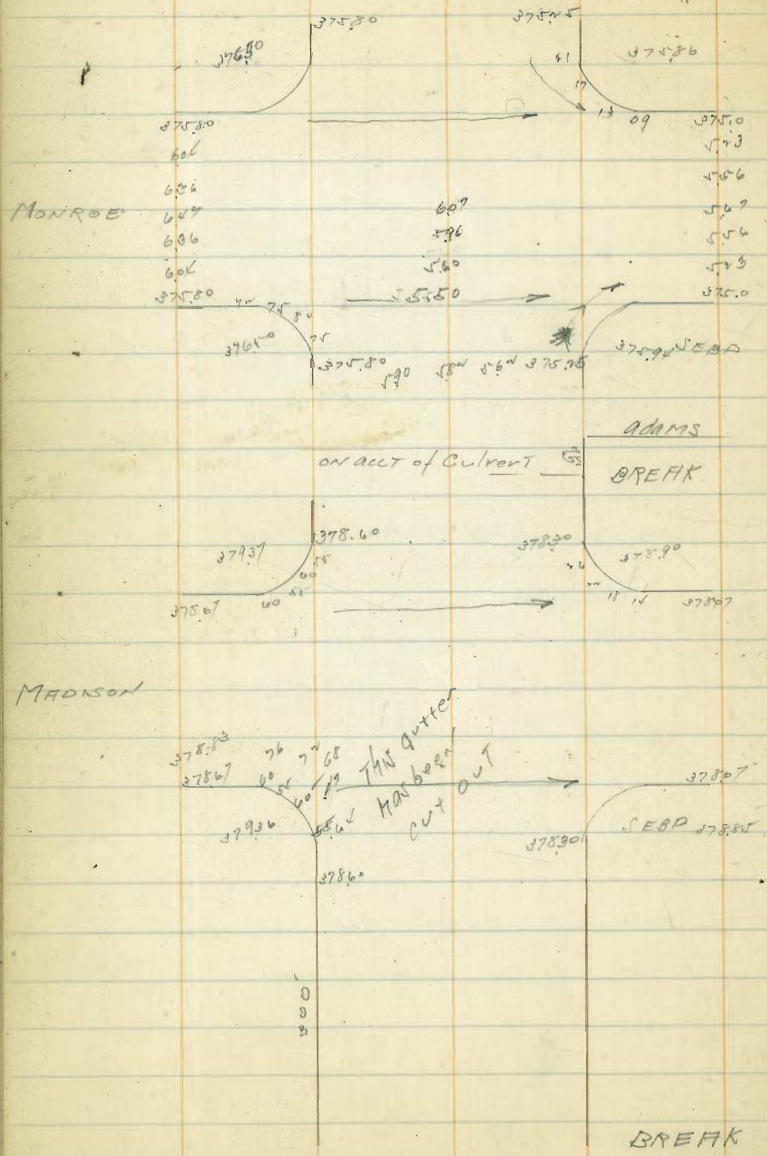
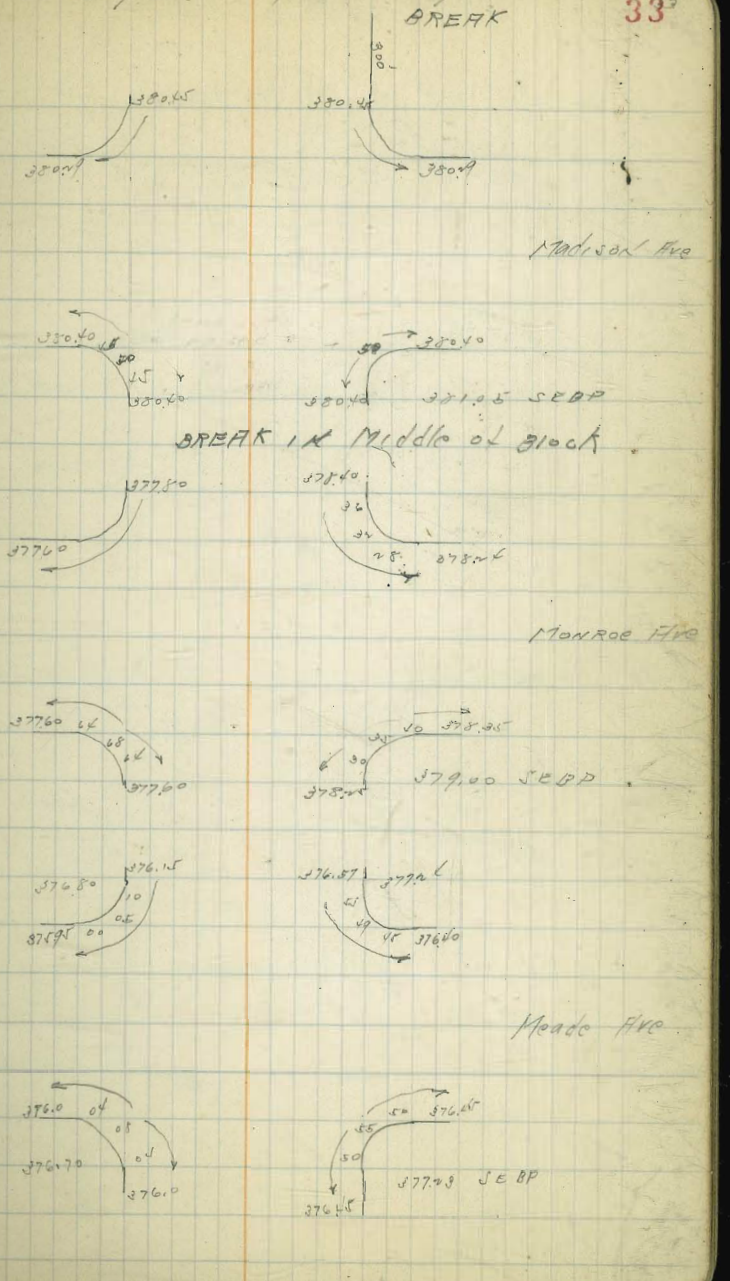
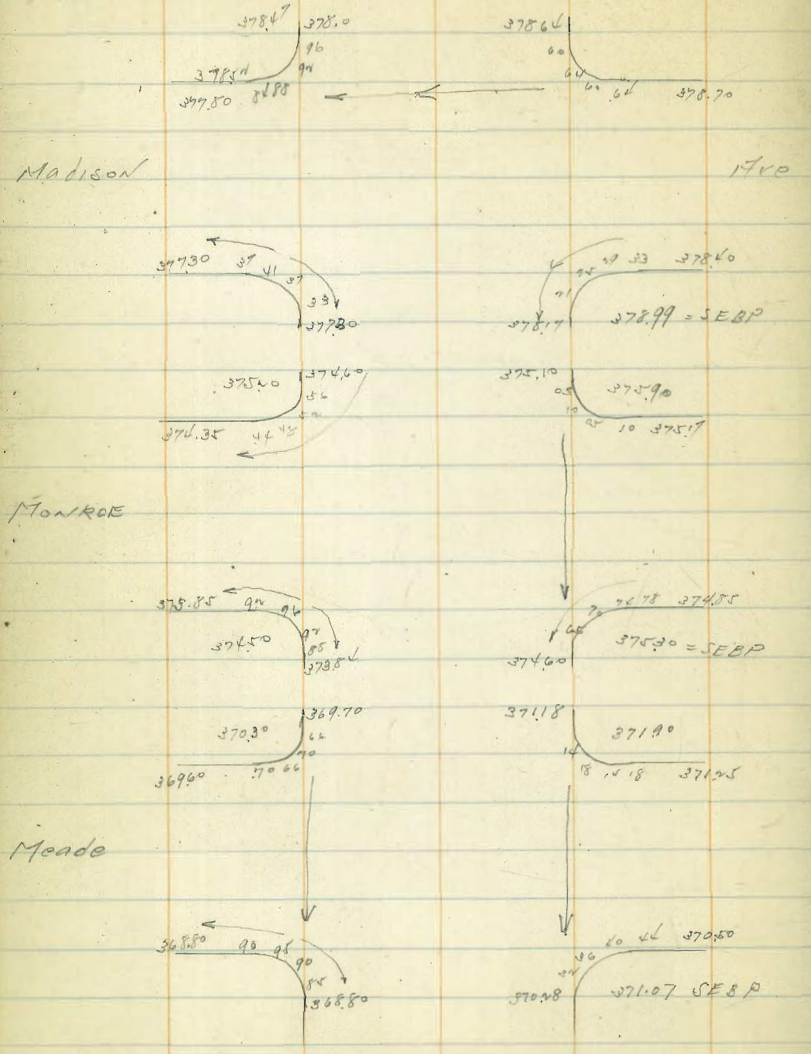


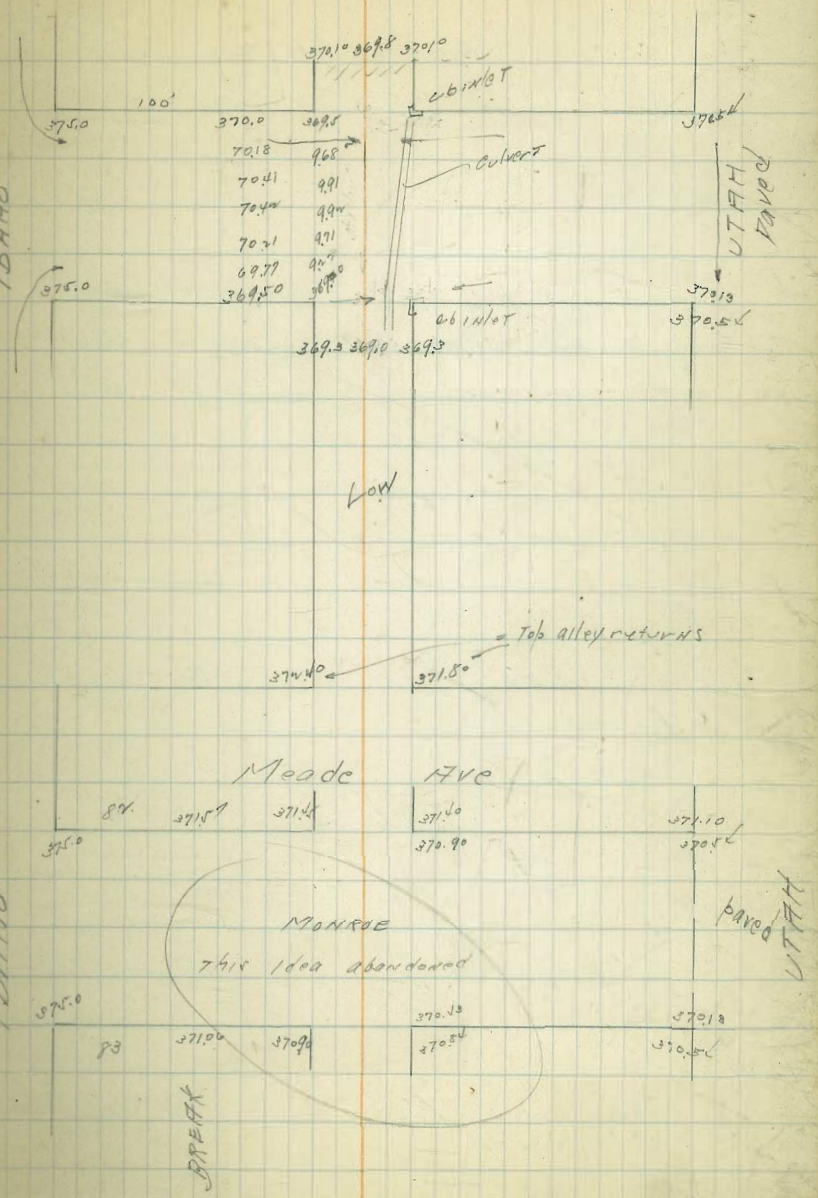
Oregon Paving



Hamilton Paving



Monroe Ave



HAMILTON ST PAVING

ADAMS Ave

381.71	381.07	381.80	381.89	Break
381.91	381.97	381.0	381.76	Break
381.71	381.07	381.85	381.66	Break

378.0

378.6

MADISON

TEXAS ST PAVING

MADISON Ave

346.03 SEBP

pave to southline

MONROE Ave

338.96 SEBP

Meade Ave

331.41 SEBP

Moore

WIGHTMAN ST PAVING

6" curb face

UNIV. + Euclid

Wightman + Euclid

344.68 / 2.79 / 344.47 / 4.81 / 339.66 = SWBP / 6.60 / 346.26 / 4.57 / 339.69 / 1.89 / 341.58

NL STA.	S ℄		N ℄	
EL Euclid = 200	~~339.50~~ ℄ 339.25		~~340.0~~ 339.90	
1 (Set Radius for P.L.)	~~339.45~~	7.0 / 8.3 / -1.3	~~339.93~~ 6.4 / 4.2 / +2.2	
2	~~339.39~~	-1.3	~~339.87~~ 6.4 / 4.5 / +1.9	
3. P.C. = 0+50.9	339.34		339.80	
1°06'07" (NL ch = 18.47, SL " = 16.54)	339.27		339.74	342.84 / 5.14 / 337.70 TP stake
2°12'14" / 3°18'21"	339.20		339.67	
4°24'28"	339.13		339.61	
5°30'35" / 6°36'42"	339.06		339.55	
7°42'50" / 8°49'00"	338.99		339.50	
Δ = 17°38'	338.92		339.45	
℄R = 425	338.85		339.38	
8 = E.C. 498.56	338.78 ✓		339.34 ✓	
2+50	338.57		339.12	
3	338.36		338.92	
+50	338.14		338.73	
4	337.92		338.53	
+50	337.71		338.40	
4+79.06 = P.C.	337.59 ✓		338.23 ✓	
Δ = 14°20' / ℄R = 575	337.51		338.15 ✓	
1°01'25" / 2°02'50" / 3°04'15"	337.42		338.08 ✓	
4°05'40"	337.35		338.0 ✓	
5°07'05" / 6°08'30"	337.28		337.94 ✓	
7°10'00"	337.21		337.85 ✓	
NL Ch = 19.65 / SL " = 17.86	337.13		337.77 ✓	
E.C. 6+16.65	337.06		337.70 ✓	

Butterfield Cont.

3	39.5 / 6.8 / 8.3 / -1.2	39.4 / 6.9 / 8.3 / -1.4	39.3 / 7.0 / 8.3 / -1.3	39.2 / 7.1 / 7.7 / -0.6	39.15 / 7.2 / 6.4 / +0.8	39.1 / 7.2 / 5.8 / +1.4	39.0 / 7.3 / 5.5 / +1.8	38.9 / 7.4 / 5.6 / +1.8	38.8 / 7.5 / 5.4 / +2.1	38.7 / 7.6 / 7.0 / +0.6
2	39.9 / 6.4 / 4.3 / +2.1	39.8 / 6.5 / 4.2 / +2.3	39.7 / 6.6 / 3.9 / +2.7	39.6 / 6.7 / 3.5 / +3.2	39.6 / 6.7 / 3.2 / +3.5	39.45 / 6.8 / 2.9 / +3.9	39.5 / 6.8 / 2.8 / +4.0	39.4 / 6.9 / 3.2 / +3.7	39.3 / 7.0 / 3.3 / +3.7	39.2 / 7.1 / 5.0 / +2.1
1	38.5 / 7.8 / 7.4 / +0.4	38.2 / 8.1 / 9.5 / -1.4	38.0 / 8.3 / 11.1 / -2.8	37.8 / 8.5 / 9.9 / -1.4	37.7 / 8.6 / 9.9 / -1.3	37.6 / 8.7 / 10.0 / -1.3	37.5 / 8.8 / 9.8 / -1.0	37.4 / 8.9 / 9.4 / -0.5	37.3 / 9.0 / 9.4 / -0.4	37.3 / 9.0 / 9.6 / -0.6
2	39.0 / 7.3 / 6.3 / +1.0	38.8 / 7.5 / 7.2 / +0.3	38.6 / 7.7 / 7.0 / +0.7	38.5 / 7.8 / 6.3 / +1.5	38.3 / 8.0 / 6.3 / +1.7	38.2 / 8.1 / 5.9 / +2.2	38.1 / 8.2 / 6.0 / +2.2	38.0 / 8.3 / 5.8 / +2.5	38.0 / 8.3 / 6.0 / +2.3	37.9 / 8.4 / 5.8 / +2.6
3	37.2 / 9.1 / 9.6 / -0.5	37.1 / 9.2 / 9.7 / -0.5								
2	37.8 / 8.5 / 6.0 / +2.5	37.7 / 8.6 / 5.9 / +2.7								

NOTE: —

R.P.s replaced with 7" copper tacks in lead plugs

3/2/28 Moore

Osborn

Calhoun

charged to contract.

Wightman St Paving

Station		S cb		N cb	
6+50		336.90		337.55	
7		336.68		337.31	
+50		336.47		337.08	
7+91.37 = BREAK		336.30 ✓		336.90 ✓	
8+11.37 = "		336.10 ✓		336.60 ✓	
8+26.40 = P.C.		335.75 ✓		336.22 ✓	
8+31.40	BREAK	335.50 ✓		336.10 ✓	0°18'12"
8+51.40	"	334.75 ✓		335.30 ✓	1°31'00"
8+71.4	"	333.80 ✓		334.10 ✓	2°43'48"
8+91.4	"	332.50 ✓		332.60 ✓	3°56'36"
9+11.4	"	331.20 ✓		330.90 ✓	5°09'24"
9+31.4	"	329.50 ✓		328.90 ✓	6°22'12"
9+51.4	"	327.55 ✓	T.P. =	326.50 ✓	7°35'00"
9+75.63 = PRC. BREAK		325.50		323.50	9°05'00" ✓
9°07'55"	N.L.ch = 13.69	322.87 321.25		321.80 320.10	
18°15'50"	BREAK	319.62 318.00		318.40 316.70	
27°23'45"	S.L. ch = 8.936	316.37 314.75	323.50 0.96 322.46	315.65 314.60	
36°31'40"		313.12 311.50		313.45 312.50	

Δ = 18°10'
S.L R = 422.20
N.L CH 1st = 5'
" 7 = 20'
" LAST = 4.47
S.L 1st ch = 4.47
7 = 17.87
LAST CH = 22.10

3396.2
1.12
3 26.50
1.81
3 28.31

324.50
-0.02 = rod

S 22.87 / 1.59; 21.25 / 3.41 ✓; 19.62 / 4.84 ✓; 18.00 / 6.46 ✓; 16.37 / 8.09 ✓; 14.75 / 9.71 ✓; 13.12 / 11.34 ✓; 11.50 = curb / 12.96 ✓

N 21.80 / 2.66 ✓; 20.10 / 4.36 ✓; 18.40 / 6.06 ✓; 16.70 / 7.76 ✓; 15.05 / 5.81 ✓; 14.60 / 9.86; 13.55 / 10.91; 12.50 = curb / 11.96 ✓

324.50 = 5th N
9.81
3.81
4.81 = N

341.58
12.96
328.62
0.45
329.07
12.99
316.08
1.12
317.20
5.57
311.63

311.63 C.T. end curb S. side
Wightman + 49th St

S 37.0 / 4.6 / 5.5 / -0.9; 36.8 / 4.8 / 5.3 / -0.5; 36.6 / 5.0 / 4.9 / +0.1; 36.4 / 5.2 / 4.4 / +0.8; 36.2 / 5.4 / 4.7 / +0.7; 35.8 / 5.8 / 4.8 / +1.0; 35.6 / 6.0 / 4.9 / +1.1; 34.8 / 6.8 / 4.9 / +1.8; 33.9 / 7.7 / 5.3 / +2.4

N 37.6 / 4.0 / 1.6 / +2.4; 37.4 / 4.2 / 2.0 / +2.2; 37.2 / 4.2 / 2.4 / +1.8; 37.0 / 4.6 / 3.2 / +1.4; 36.7 / 4.9 / 3.7 / +1.2; 36.3 / 5.1 / 4.3 / +0.8; 36.2 / 5.4 / 4.6 / +0.8; 35.4 / 6.2 / 5.6 / +0.6; 34.2 / 7.4 / 6.8 / +0.6

S 32.6 / 9.0 / 6.5 / +2.5; 31.3 / 10.3 / 7.0 / +3.3; 29.5 / 12.1 / 8.4 / +3.7; 27.6 / 14.0 / 11.4 / +2.6; 24.6 / 4.5 / 3.3 / +1.2; 21.3 / 7.8 / 6.9 / +0.9; 18.1 / 11.0 / 10.4 / +0.6; 14.1 / 3.1 / 2.8 / +0.3; 311.50 / 5.7 / 1.5 H.

N 32.7 / 8.9 / 8.9 / 0.0; 31.0 / 10.6 / 10.7 / -0.1; 29.0 / 12.6 / 12.9 / -0.3; 26.6 / 2.5 / 2.4 / +0.1; 23.6 / 5.5 / 5.4 / +0.1; 20.2 / 8.9 / 6.4 / +2.5; 16.8 / 12.3 / 8.3 / +4.0; 14.9 / 14.4 / 9.9 / +4.5; 312.50 / 4.7 / 1.6 / 1.0 H

327.70 = T.P.
1.92
329.62
12.80
316.82
1.43
318.25
12.81
315.42
1.06
316.48

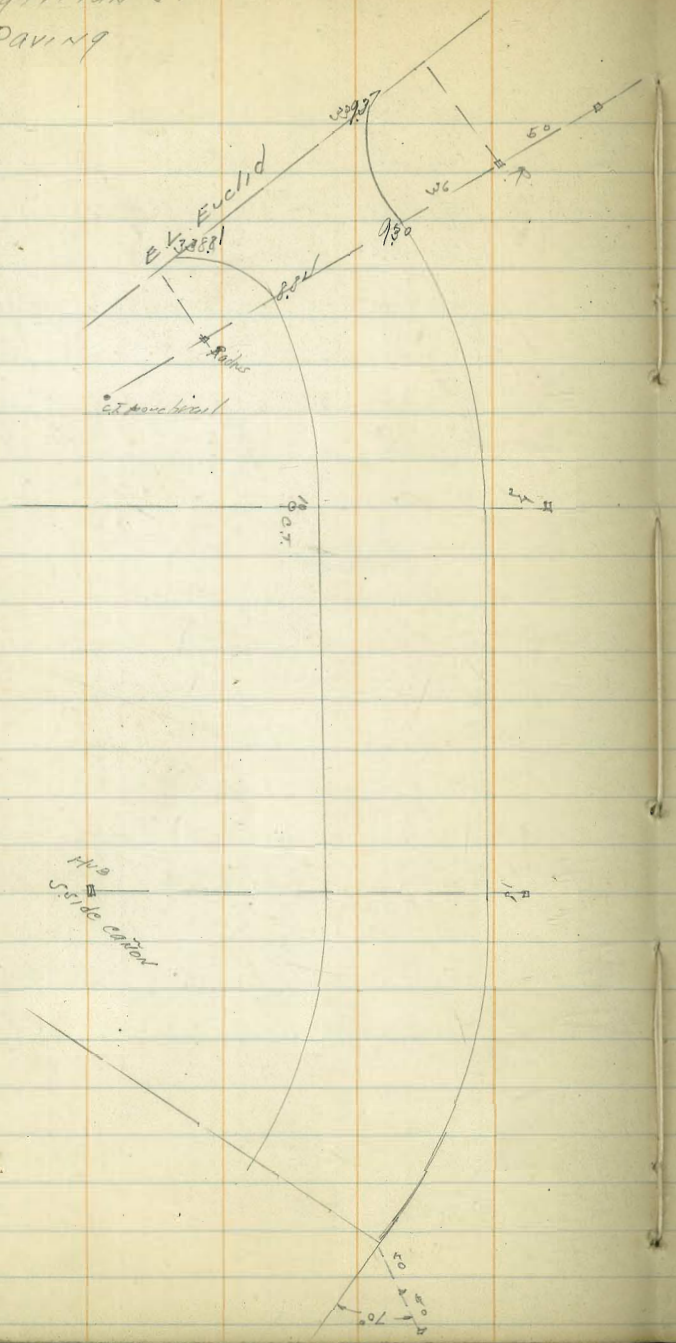
Sewer

Station	Flowline		
0 or O.E.	331.0 8.62 2.41 +6.21		
0+50		330.30 9.92 3.61 +6.71	
1	329.57 10.05 3.25 +6.80		
+40 = BREAK		329.0 10.62 4.32 6.30	
2	322.78 16.84 8.10 +8.74		
+50		317.63 10.64 2.50 +8.12	
2+95 = MH #1	313.00 15.22 8.82 +6.42		
3+31.5		305.10 23.15 13.50 +9.65	
3+68 = END CONTRACT = Conc. plug in curb ℄ Marked S.	297.20 19.28 6.33 +12.95		

6.33
310.15 = Top curb
end of sewer
Lead plug
Marked S
= end of sewer

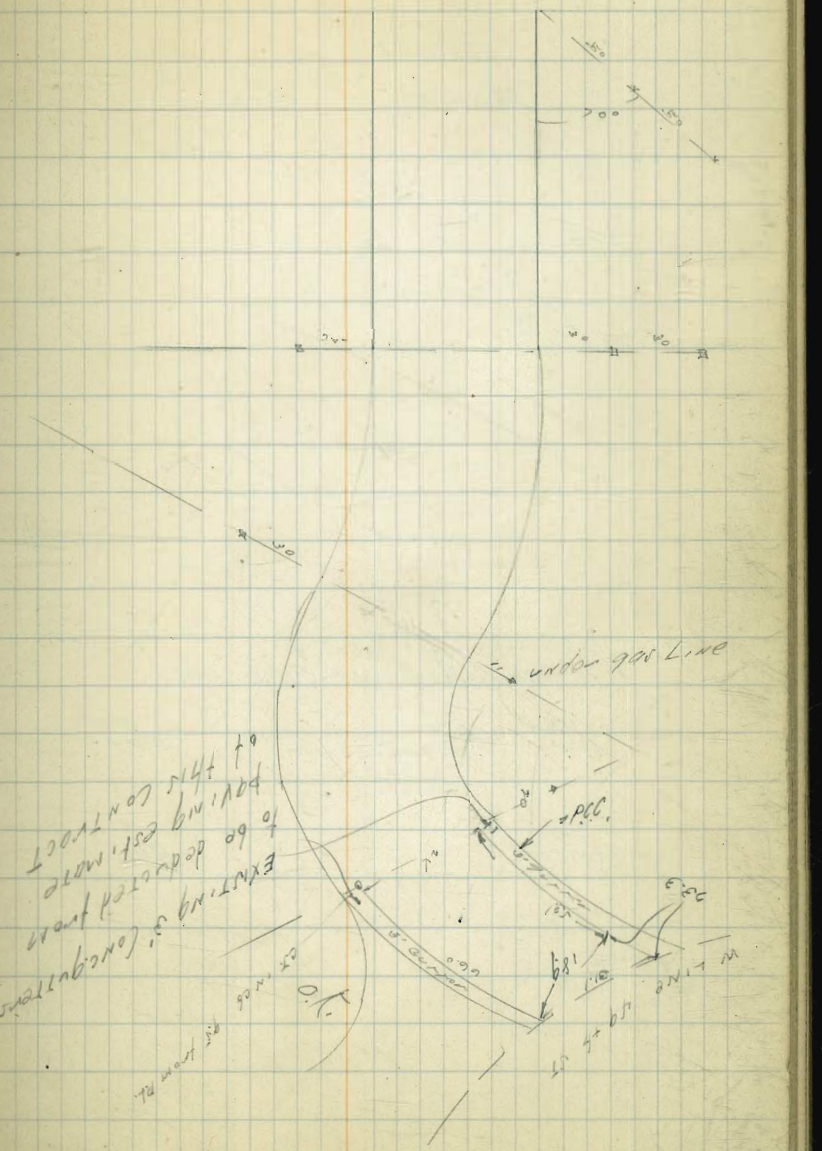
4°33'47"
9°07'34"
13°41'21"
18°15'08"
22°49'55"
27°23'42"
31°57'29"
36°31'16"
chords {N.L. = 6.86, S.L. 1.473}
3' = $\int$ curb line = 13.61

Wightman St
Paving

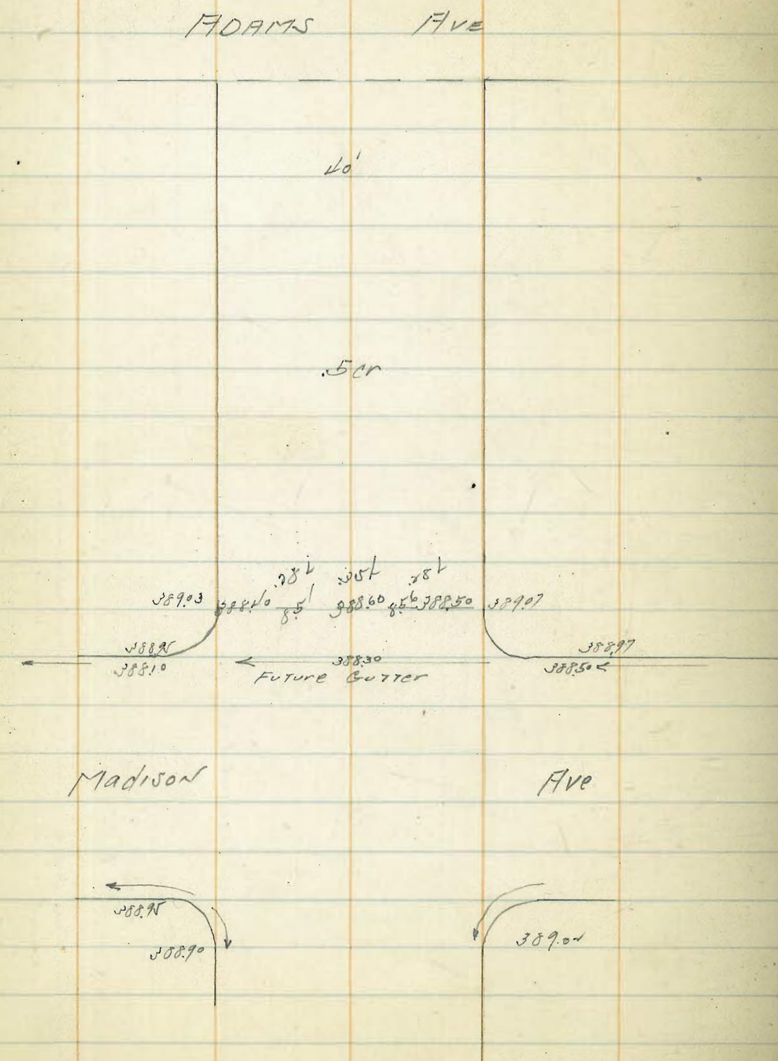


R.P.s replaced with 7" copper tacks
3/12/28 Moore

38



10/7/27 OHIO ST Paving Ryan Co.



388.93 SEBP Madison + OHIO
+.11
389.04

8/11-7
Moore

Irvine Grading

Rosecrans to Scott

70' wide
45'c6 radius

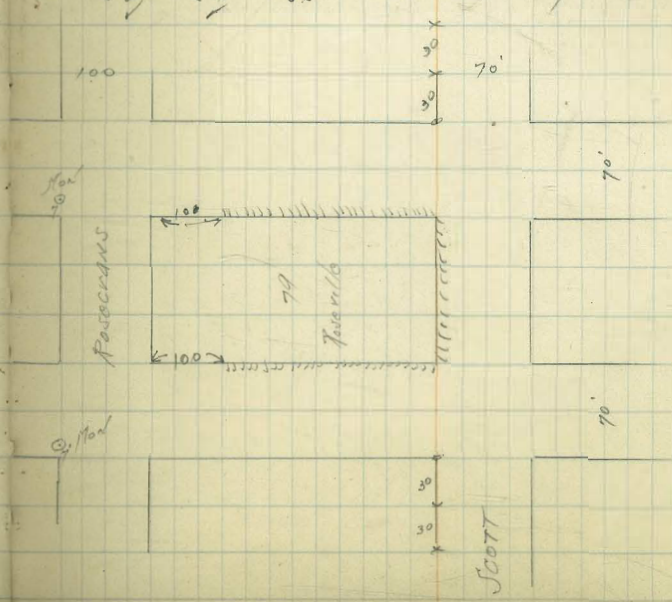
	Sc6	1/c6
EL Rosecrans	1.00	1.00
+50 E	0.78	0.83
/	0.57	0.67
+50	0.35	0.50
N	0.14	0.33
+50	-0.08	0.17
3 = WL Scott	-0.3	0.0
EL "	-0.6	-0.3

Jarvis St Sc6 Rosecrans to Scott 1/c6

EL Rosecrans	3.0	4.0
+50	2.62	3.50
/	2.23	3.0
+50	1.85	2.50
N	1.47	2.00
+50	1.08	1.50
3 WL Scott	0.70	1.00
EL "	0.40	0.70

SWOP Rosecrans + Lowell

SW'ly Mon " + Jarvis



Scott St. Grading.
Jarvis to Ingelow

	WC6	EC6
NL Jarvis	1.00	0.70
SL "	0.70	0.40
+50	0.54	0.24
	0.35	0.05
+50	0.17	-0.13
NL Ingelow	0.00	-0.30
SL "	-0.30	-0.60

WL	0.8	0.6	0.4
	8.0	8.4	8.4
	9.0	9.0	9.1
	-1.0	-1.1	-0.7
EL	0.6	0.3	0.1
	8.5	8.5	8.7
	9.9	10.6	10.8
	-1.7	-1.1	-1.1

Hugo + Evergreen Grading

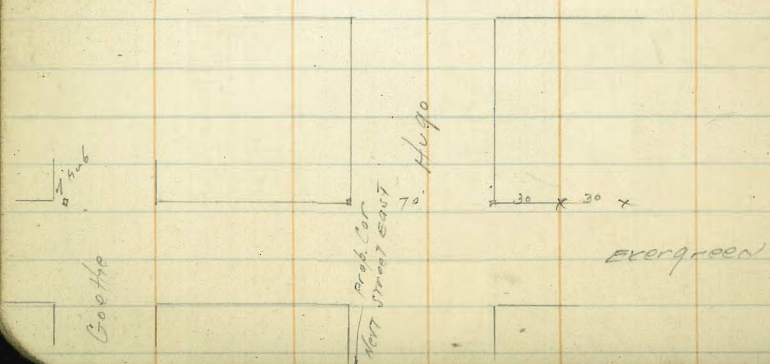
70' wide
45' curb radius

	S cb	N cb
E L Willow	42.0	41.0
0+60 BREAK	38.0	37.0
1	36.40	35.46
+50	33.95	33.55
2	31.70	31.63
+50	29.45	29.71
+75 = PC curb	28.3	28.8
3 W L Evergreen	27.2	27.8
E L "	24.8	25.5
0+45 E B curb	23.7	24.4

Evergreen Grading

	W cb	E cb
N L Hugo		
S L "	27.2	24.8
0+25 = PC		25.8
0+50	27.4	25.97
1	27.6	26.31
+50	27.8	26.65
2 N L Goethe	28.0	27.0

Willow St



SWAP Goethe + Evergreen

30.10
8.09
38.19
4.00
34.19
7.46
41.65
4.19

S	42.2	38.2 / 3.4 / 3.0 / +0.4	36.4 / 1.8 / 1.7 / +0.1	34.2 / 4.0 / 4.0 / 0.0	31.9 / 6.3 / 6.4 / -0.1	29.7 / 8.5 / 8.2 / +0.3	27.4 / 10.8 / 10.1 / +0.7	25.0 / 13.2 / 13.0 / +0.2
N	41.2	37.2 / 1.0 / 0.6 / +0.4	35.7 / 2.5 / 2.4 / +0.1	33.8 / 4.4 / 4.5 / -0.1	31.9 / 6.3 / 6.2 / +0.1	30.0 / 8.2 / 8.0 / +0.2	28.0 / 10.2 / 9.8 / +0.4	25.7 / 12.5 / 12.5 / 0.0
W	27.6 / 10.6 / 9.9 / +0.7	27.8 / 10.2 / 9.2 / +1.4	28.0 / 10.2 / 9.0 / +1.2					
E	26.0 / 12.2 / 13.2 / -1.0	26.2 / 12.0 / 13.3 / -1.3	26.5 / 11.7 / 13.4 / -1.7	26.9 / 11.3 / 12.7 / -1.4				
cb	40.53 / 4.89 / 4.72 / .17	38.0 / 7.22 / 6.84 / +.38						

30.10
4.49
34.59
0.31
34.28
10.94
45.22

PC
28.30 / 6.29 / 5.46 / +0.83
27.65 / 6.94 / 5.74 / +1.20

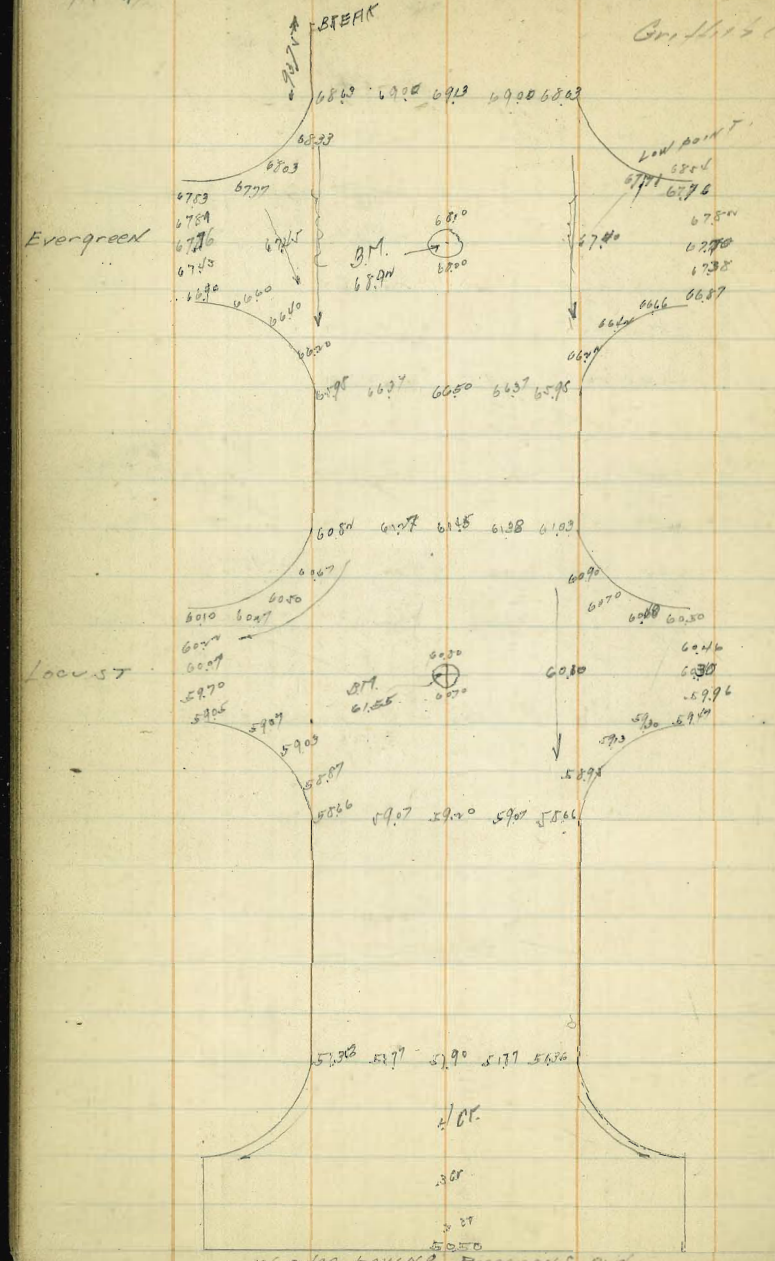
27.17 / 7.42 / 6.37 / +1.05	26.90 / 7.69 / 6.62 / +1.07	26.77 / 7.82 / 6.82 / +1.0	26.86 / 7.73 / 6.95 / +.78	27.00 / 7.59 / 6.83 / +.76	27.90 / 6.69 / 6.80 / 5.85 / +0.95	6.65 / 5.65 / +1.0	6.50

+0.74 +.84 BRK 10.38 +0.26 +0.24 +0.28 +0.24 +0.46

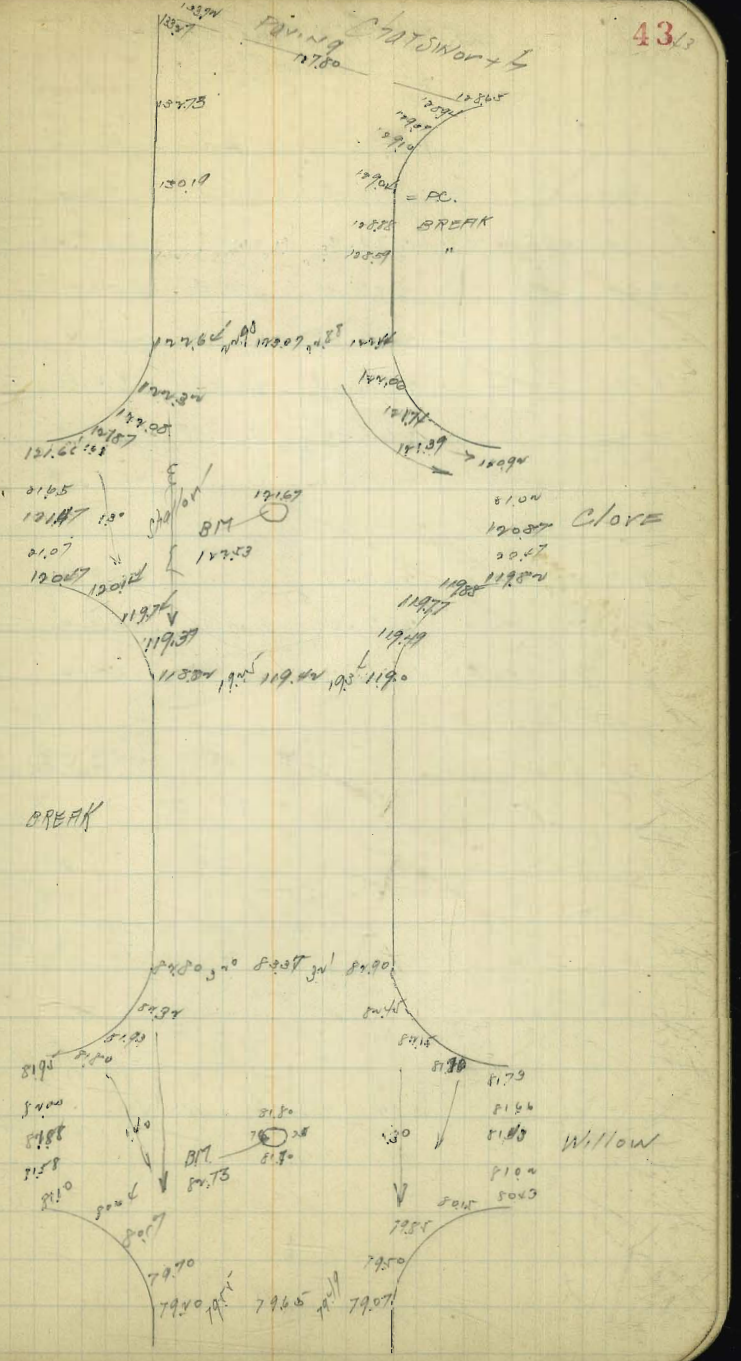
9/12/47

ELLIOTT ST Paving

Griffith Co.



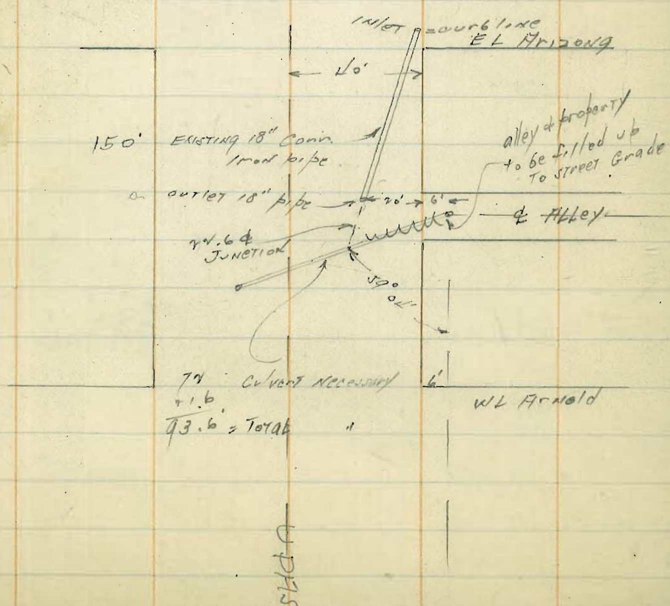
Paving Statsinger



Upas ST Paving or Grading

Hansen
Private Contract
20' curbs
30' roadway

	S cb	¢	N cb
W L Arizona	270.5	270.25	270.0
¢ " / E L " = 0+00	270.0	269.87 / 269.5	269.0
0+30	268.31	267.9	267.50
0+60	266.63	266.31	266.0
0+80	265.69	265.42	265.19
1+00	265.14	264.97	264.80
1+36.1 = W alley	264.50		264.23
1+51.1 = E L alley	264.24		264.0 = BREAK N cb
2+13.3	263.14		263.5
2+75 = W L Arnold	262.0	262.5	263.0
¢ " / E L "	261.50	262.1 / 261.75	262.0



N W Upas + Arizona

44

269.95
1.96
271.91

¢ alley

N L 269.0 = curb / 2.9 — 267.7 / 4.2 / 4.5 / -0.3 — 266.4 / 5.7 / 6.0 / -0.3 — 265.4 / 6.5 / 7.5 / -1.0 — 265.0 / 6.9 / 8.1 / -1.2 — 264.6 / 7.3 / 11.9 / -4.6 — 264.1 / 7.8 / 9.8 / -2.0

269.9 / 2.0 / .5

¢ 0.5 269.5 / 2.4 / 2.3 / +0.1 — 267.9 / 4.0 / 4.3 / -0.3 — 266.31 / 5.6 / 6.1 / -0.5 — 265.42 / 6.5 / 7.9 / -1.4 — 264.97 / 7.0 / 9.0 / -2.0 — 264.35 / 7.6 / 11.8 / -4.2 — 263.73 / 8.2 / 12.7 / -4.5

N L 263.7 / 8.2 / 8.3 / -0.1 — 263.0 = cb / 8.9

269.95
1.60
271.55

¢ 263.11 / 8.8 / 11.9 / -3.1 — 262.5 / 9.4 / 11.1 / -1.7 — 262.1 / 9.8 / 11.9 / -2.1 — 263.65 / 7.9

N L 267.65 / 3.9 — 266.15 / 5.4 — 265.32 / 6.2 — 264.95 / 6.6 — 264.48 / 7.1 — 264.15 / 7.4

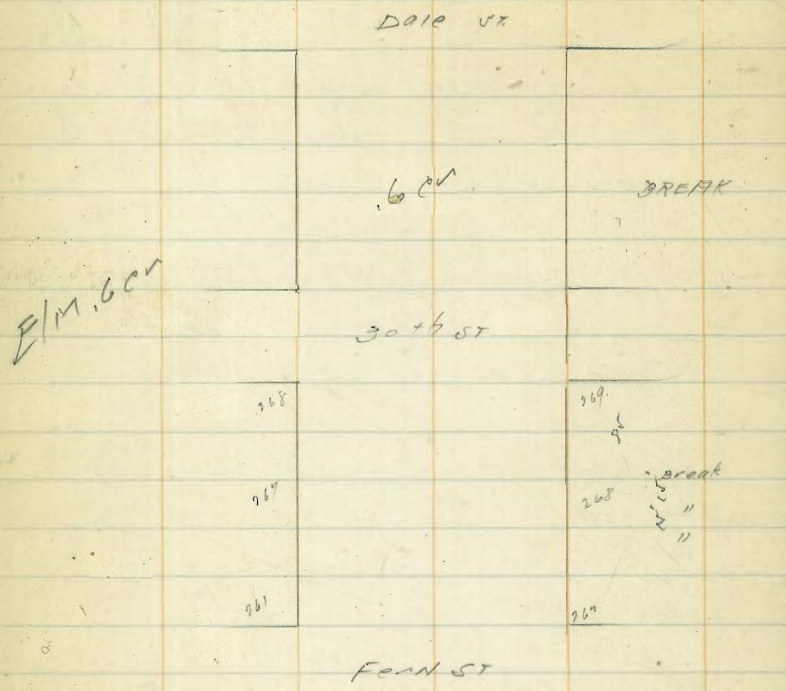
269.95
0.25
270.20

1.35 / 1.45 — 269.0 / 1.20 / 0.092 — 267.50 / 2.70 / 2.80 — 266.0 / 4.20 — 265.19 / 5.01 — 264.80 / 5.40 — W L alley 264.18 / 6.02 — W Return 264.30 / 5.90

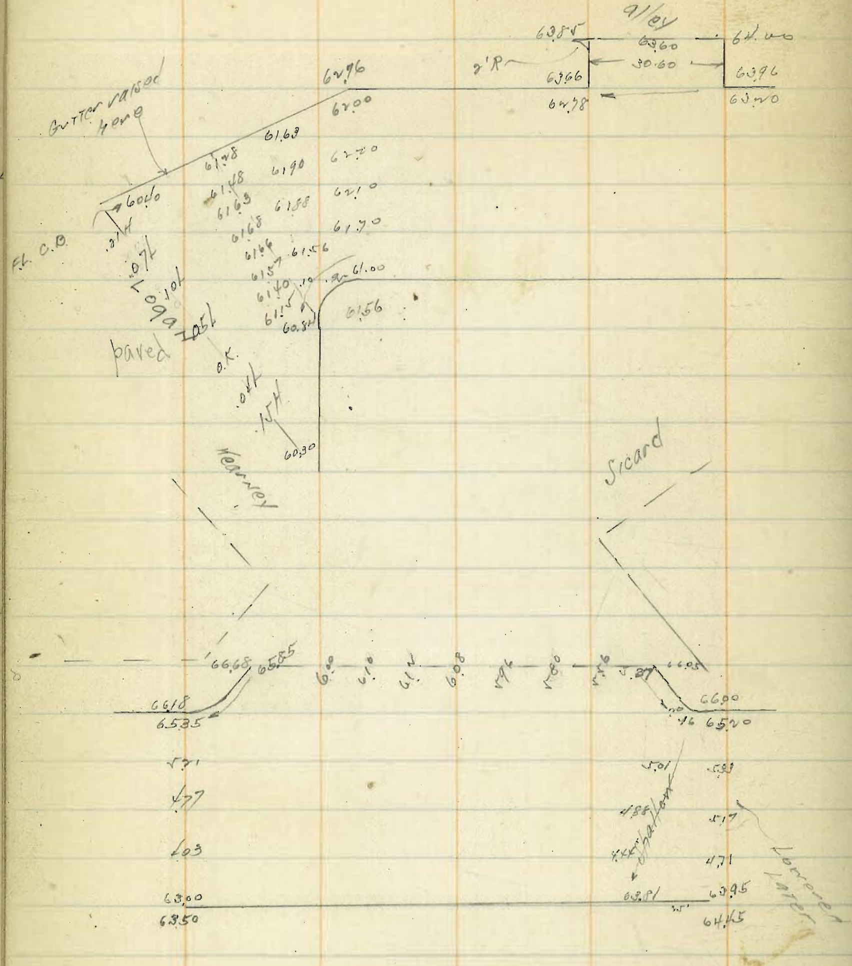
E L alley 263.98 / 6.22 — E Return 264.15 / 6.05 — 263.60 / 6.60 — 263.20 / 7.0 — 263.0 / 7.20

Fir St Paving Griffith Co

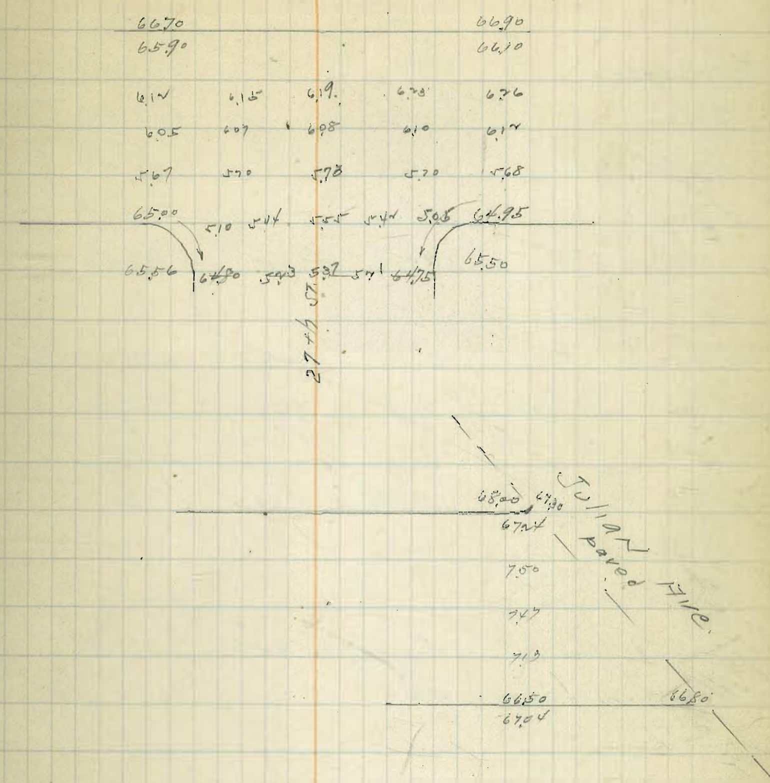
Granada to Fern



MARCEY AVE PAVING



67.11
1.60
68.71 Kearney & Sicard NWBP



THORN ST GRADING 60' wide

	SC6		NC6
EL Hawk = 0+00	208.0		209.0
+60	205.5		206.5
1+20 = BREAK	203.0		204.0
+60	199.0		200.0
2+00 = PC curb SL	198.0	1485 = PC N.L.	197.50
			← 196.0 = WL Goldfinch
00 − 25		−25	193.6 = EC.
EL Goldfinch = EC curb SL	191.5	= 0+00	192.5
0+50	185.0		186.0
1	178.5		179.5
+50	172.0		173.0
1+85 = PC curb NL Falcon	167.45		168.45
2+00 on North	165.5	out est. grade	166.5
EL FALCON = ANGLE SL	165.5		167.0 = PC.

THORN

NW Fairfield & Thorn

SW/BP Walnut Hawk → | SX12 SW Brookes 1815

Goldfinch ST

WL Sta.	W cb	EL Sta.	E cb
SL Walnut = 00	237.0		236.5
166.09 EL + 180.65 WL = Angle	239.0		238.6
39.35 S = 00	239.5	53.9 S of Δ =	239.0
0+30 BREAK	239.0		238.6
+50 "	238.6		238.1
+70 "	237.8 ✓		237.4
+90 "	236.6		236.2
1+10 "	235.1	1+10	234.5
+77.5	229.55	+70	229.25
		+25 = PC	224.40
2+45 = NL Upas	224.0	2+30	222.0
0+00 = SL Upas	223.0	St Fairfield	
+50	218.86		216.0
1	214.75	S.F. (5 times)	212.0
+50	210.6		208.0
2	206.5		204.0
+50	202.36		200.0
3+15 = NL Thorn	197.0		196.0
0+00 SL "	193.0		192.0
+40	190.25		189.25
0+80 = BREAK	187.5 ✓		186.5 ✓
1+35	181.5		180.5
1+90	175.5		174.5
2+45	169.5		168.5
3 = NL Spruce	163.5		162.5

246.59
1.08
247.67
9.47
238.20
2.95
241.15
2.12
239.03 × in curb
1.24
240.27
12.76
227.71
0.25
227.96
12.19
215.77
0.26
216.03 π
= 0+00

216.03 π
12.36
203.67
8.14
211.81
198.94
1.14
200.08
13.00
187.08
0.12
187.20
12.57
174.63
1.78
176.41

239.03
4.08
243.11 π

227.70
1.59
229.29
12.48
216.81
0.37
217.18
12.72
204.46
1.15
205.61

40' West R.P. Upas & Goldfinch 227.70
S.W. 15' R.P. Thorn & " 198.94

W

239.4	239.8	239.4	238.7	237.9	236.7	235.2
1.4	0.9	1.4	1.8	2.6	3.8	5.2
1.4	0.8	0.4	0.8	0.9	1.3	3.8
0.0	+0.1	+1.0	+1.0	+1.7	+2.5	+1.4

E

238.6	239.1	238.6	238.2	237.5	236.3	234.6
1.9	1.6	1.9	2.3	3.0	4.2	5.9
1.5	1.2	1.4	1.4	1.9	2.7	4.7
cb +0.4	cb +0.3	cb +0.5	+0.9	+1.1	+1.5	+1.2

W

	2+?	S					
229.6	224.1	223.1	219.0	214.8	210.7	206.6	202.5
10.9	3.8	4.8	8.9	13.1	17.2	9.4	13.5
9.6	3.1	4.7	4.8	8.2	15.3	5.2	10.6
+1.3	+0.7	+0.1	+4.1	+4.9	+1.9	+4.2	+2.9

E

229.3	224.0
11.2	3.9
11.2	4.2
0.0	-0.3

W

197.0	193.1	190.3	187.6	181.6	175.6	169.6	163.6
19.0	7.0	9.8	12.5	18.5	11.6	17.6	12.8
12.4	4.6	5.6	8.0	12.4	4.9	11.9	13.8
+6.6	+2.4	+4.2	+4.5	+6.1	+6.7	+5.7	-1.0

E

196.1	192.1	189.3	186.6	180.6	174.6	168.6	162.6
4.0	8.0	10.8	00.6	6.6	12.6	7.8	13.8
4.7	12.0	14.6	3.2	5.3	9.3	5.3	15.3
-0.7	-4.0	-3.8	-2.6	+1.3	+3.3	+2.5	-1.5

W

237.1	237.6	238.2	238.7	239.1 = Δ
6.0	5.5	4.9	4.4	4.0
6.0	1.5	2.9	3.4	
0.0	+4.0	+2.0	+1.0	

ECb

00	+50	1+00		1+66
236.5	237.12	237.75	238.4	238.6 = Δ
6.61	6.00	5.36	4.71	4.51
6.29	5.93	5.06		4.16
+0.32	+0.07	+0.30		+0.35

23 | 8.0 INST | 1.3 INST. | 1.3 INST.

W

216.1	212.1	208.1	204.1	200.1	196.1
13.2	5.1	9.1	13.1	5.5	9.5
14.2	6.1	9.0	12.7	6.0	10.2
-1.0	-1.0	+0.1	+0.4	-0.5	-0.7

Falcon St

119.47 = Newdwall

	WCG		ECG	
SL Thorn = E.C. = 0+00	162.5		162.5	
0+50	157.45		157.35	
1	152.41		152.21	
+50	147.37		147.08	
2	142.33		141.95	
+50	137.29		136.82	
3 = P.C. = NL Spruce	132.25		131.70	
3+35 = PC on EL	—	3+35 PC	128.10	
3+80 = SL Spruce = 00	122.0	3+85 = P.C.	123.0	= 00
0+50	118.90	0+50		
1	113.80			
+50	108.71			
2	103.61			
+60 = BREAK	97.5 ✓		97.0	
3 = NL Redwood	95.0	2+95 = EL PC	93.50	NL Redwood on R = 25'
3+20 = PC on WL = 00	94.30			
Middle Curve +35.3	93.52		89.50 = EC	NL Redwood
+70.68 = EC SL Redwood	91.75			
00 = +85.68 = opposite EC on NL	91.00		89.50 = E.C. NL	
0+55				
0+70 = PC Reynard	84.0	0+85	84.6	
	83.8		84.0	

S.W. 20' cb Radius Thorn + Falcon 169.06

N.W. 20' " " Spruce + " 147.97

W	162.6 / 14.2 / 8.2 / +6.0	157.6 / 6.6 / 5.8 / +0.8	152.5 / 0.6 / 10.7 / -10.1	147.5 / 7.6 / 5.2 / +2.4	142.4 / 12.7 / 0.8 / +11.9	137.4 / 17.7 / 4.0 / +13.7	132.3 / 22.8 / 9.4 / +13.4
E	162.6 / 14.2 / 11.4 / +2.8	157.5 / 6.7 / 6.4 / +0.3	152.3 / 0.8 / 12.4 / -11.6	147.2 / 5.2 / 3.8 / -9.0	142.1 / 13.0 / 12.4 / +0.6	136.9 / 6.9 / 8.0 / -1.1	131.8 / 0.5 / 5.8 / -5.3
W	124.1 / 19.7 / 10.7 / +9.0	119.0 / 13.3 / 8.2 / +5.1	113.9 / 6.6 / 9.8 / -3.2	108.8 / 11.7 / 12.9 / -1.2	103.7 / 16.8 / 4.4 / +12.5	97.6 / 25.5 / 2.5 / +23.0 (Brk)	95.1 / 28.0 / 4.0 / +24.0
E	123.1 / 9.1 / -10.1					97.1 / 14.6 / 6.2 / +8.4	93.6 = P.C. / 18.1 / 8.1 / +10.0

PC 128.2 / 4.1 / 10.9 / -6.8

92.4 = PC / 28.7 / 6.5 / +22.2

N 89.6 = EC / 12.3 / 5.7 / +6.6

83.92 cb NL

↕ 50'

82.95 = cb SL

ME

S 93.6 / 19.6 / 7.8 / +11.8 — 91.85 = EC / 10.1 / 7.0 / +3.1 — 91.1 / 10.8 / 9.7 / +1.1

133.99 x

NW Cor 132.25 / 1.72 — 131.60 / 2.39 — 131.20 / 2.19 — Spruce NE 128.10 / 2.89 — 127.25 / 6.72

SW Cor 124.0 / 9.99 — 125.10 / 8.89 — 126.20 / 7.79 — " SE 123.0 / 10.99 — 123.90 / 10.09

83.85 spike / 4.68 / 88.53

old cb
SW 82.73 / 5.80 — 83.22 / 5.31 — 83.71 / 4.82 — 84.20 / 4.33 — 84.70 / 3.83 E.C.

old curb
NW 84.20 / 4.33 — 83.95 / 4.58 — 84.00 / 4.53 — 84.39 / 5.14 — 85.10 / 3.43

Returns at Reynard + Redwood

176.79 x / 1.89 / 163.90 / 0.33 / 164.23 / 12.93 / 151.30 / 1.80 / 153.10 / 12.35 / 140.75 / 1.28 / 142.03 / 151.30 / 3.77 / 155.07 / 12.37 / 142.70 / 1.14 / 143.84 / 12.54 / 131.30 / 0.99 / 132.31 / 12.45 / 119.86 / 0.62 / 120.48 / 4.35 / 116.13 / 6.94 / 123.07 / 12.84 / 110.23 / 1.48 / 111.71 / 108.67 / 4.56 / 113.23 / 12.61 / 100.62 / 1.27 / 101.89 / 12.84 / 89.05 / 1.55 / 90.60

Culvert #1

Flowline

Inlet = 00		144.0
0 + 52.5	1403	Bunk 133.1 / 132.0
1 + 07 = Outlet		122.0

Culvert #2

Inlet = 00	97.0
Outlet = 0+50	92.5

Culvert #3

Bottom Box at curb inlet = 00 Top 163.0	162.5	157.0
37.3		140.33
72.6	160.22	129.67
112 = Break Δ 30°00 Rt		107.0
+52 curb Reynard Way		106.30

Water pipe | Sta. 57

WL E000 = 00	159.5
0 + 30 = Break	140.0
0 + 865	122
1 + 43 = Δ Break	105.8
2 + 23 = Valve connection	104.8

Retaining Wall

116.22	10' R.P. N end wall	115.33
	" " S " "	108.69

Top wall N. end	119.43
" " S "	102.91
Bottom " N end	108.0
" " S "	100.0

105.00 · 101.0 · 98.00 · 99.00 · 97.50 F.L.

Stub	Elv. Stubs	
		+59
		+61
2.30	150.9	+39 = B
		+13 = Δ
5.20	136.5	+50 = B
6.9	123.2	+030 = gutter outlet
	112.9 = gutter	

Stub	
13.0	151.1
9.7	132.0
4.5	116.0
	112.5 = gutter

Fairfield Drive

40' wide
5' cbs

		W cb		E cb	
NL Thorn =	P.C. = 0+00	167.0		167.0	167.00 / 11.60 / 178.60 / 0.00 / 178.60 / 12.75 / 191.35 / 0.00 / 191.35 / 12.98 / 204.33 / 0.08 / 204.25 / 12.49 / 216.74 / 1.74 / 215.00 / 11.26 / 226.26
WL chords 20.85	① 3° 44' 09"	169.33		169.5	
EL " 26.06	② 7° 28' 18"	171.67		172.0	
	③ 11° 12' 27"	174.0		174.5	
	④ 14° 56' 36"	176.33		177.0	
	⑤ 18° 40' 45"	178.67		179.5	
	⑥ 22° 24' 54"	181.0	BREAK	182.0	
Δ = 74° 43'	⑦ 26° 09' 03"	183.87		184.62	
EL R = 200					
T = 152.68	⑧ 29° 53' 12"	186.75		187.25	
	⑨ 33° 37' 21"	189.62		189.87	T.P.
37° 21' 30"	⑩ = PRC. =	192.50	BREAK	192.5 (2.25)	+ 2.0 4" H
	① 1° 58' 19"	194.85		194.75	
WL chords 16.16	② 3° 56' 38"	197.20		197.0	
EL " 13.41	③ 5° 54' 57"	199.55		199.25	
	④ 7° 53' 16"	201.90		201.50	
	⑤ 9° 51' 35"	204.25	T.P.	203.75	
	⑥ 11° 49' 54"	206.60		206.0	
Δ 39° 26' 25"	⑦ 13° 48' 13"	208.95		208.25	
EL R = 194.97	⑧ 15° 46' 32"	211.30		210.50	
T = 110.38	⑨ 17° 44' 51"	213.65		212.75	
Blk Cor opposite WL	⑩ 19° 43' 10"	216.0	BREAK	215.0 (1.3)	
Δ 19° 35' 35"	① 21° 40' 43"			216.3	
chords = 13.33	② 23° 38' 16"			217.6	
	③ 25° 35' 49"			218.9	
	④ 27° 33' 22"			220.2	

169.06 SW cb R Thorn + Falcon

169.06 / 8.61 / 177.67 / 0.23 / 177.44 / 12.69 / 190.13 / 0.42 / 189.71 / 11.80 / 201.51 / 0.09 / 201.42 / 11.93 / 213.35 / 0.00 / 213.35 / 12.33 / 225.68

				⑤		PRC			
W	67.1 / 10.6 / 6.1 / +4.5	71.8 / 5.9 / 1.2 / +4.7	76.4 / 13.7 / 9.8 / +3.9	81.1 / 9.0 / 7.7 / +1.3	86.8 / 3.3 / 1.5 / +1.8	92.6 / 8.9 / 7.4 / +1.5	97.3 / 4.2 / 2.6 / +1.6	202.0 / 11.4 / 10.0 / +1.4	206.7 / 6.7 / 5.9 / +0.8
E	67.1 / 10.6 / 9.1 / +1.5	72.1 / 5.6 / 7.3 / -1.7	77.1 / 0.6 / 5.7 / -5.1	82.1 / 8.0 / 9.7 / -1.7	87.3 / 2.8 / 2.9 / -0.1	92.6 / 8.9 / 7.1 / +1.8	97.1 / 4.4 / 3.2 / +1.2	201.6 / 11.8 / 11.4 / +0.4	206.1 / 7.3 / 8.2 / -0.9
W	211.4 / 2.0 / 1.7 / +0.3	216.1 / 9.6 / 10.4 / -0.8	9.6 / 10.3 / -0.7						
E	210.6 / 2.8 / 4.9 / -2.1	215.1 / 1.7 / 1.9 / -3.6	16.4 / 3.0 / 0.4 / -3.4	17.7 / 8.0 / 10.2 / -2.2	19.0 / 6.7 / 8.9 / -2.2	20.3 / 5.4 / 7.0 / -1.6	21.6 / 4.1 / 5.6 / -1.5		

EL Fairfield 221.50 / 4.76   221.95 / 4.31   222.25 / 4.01   222.20 / 4.06   222.0 / 4.26 = SL upas Goldfinch + upas

EL Goldfinch 215.43   215.90   216.0   215.52   214.58 = WL Fairfield

E cb

⑤ = PRC 29° 30' 55"   221.50   S.L. upas

Δ = 105° 41'

cb R = 15

UPAS ST.

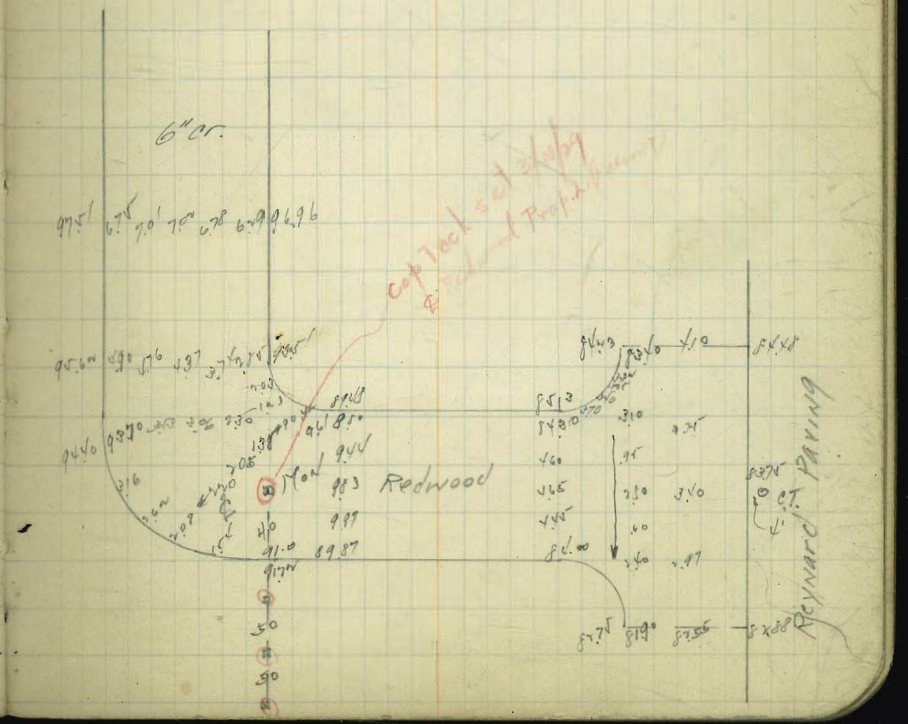
SL STA		SCB	NL STA.	NCB	
WL Eagle = 00		167.50		167.50	
0 + 50		168.4		168.40	
1		174.3		174.31	
+ 50		180.2		180.21	
2		186.1		186.12	
+ 50	11.80%	192.0		192.02	11.81%
3		197.9		197.93	
+ 50		203.8		203.83	
4		209.7		209.74	
+ 50		215.6		214.64	
5 + 04.4 = P.C. Goldfinch		220.0	5 + 04.4	220.06	Left out
			5 + 16.7 P.C.	223.40	= P.C.
83.85	84.00	85.13	83.75	89.48	91.72
8.48	8.33	7.20	8.58	2.85	0.61
92.33		7.20	(8.63)	(2.87)	
0.63					
91.70					

227.70 40' RP Upas + Goldfinch

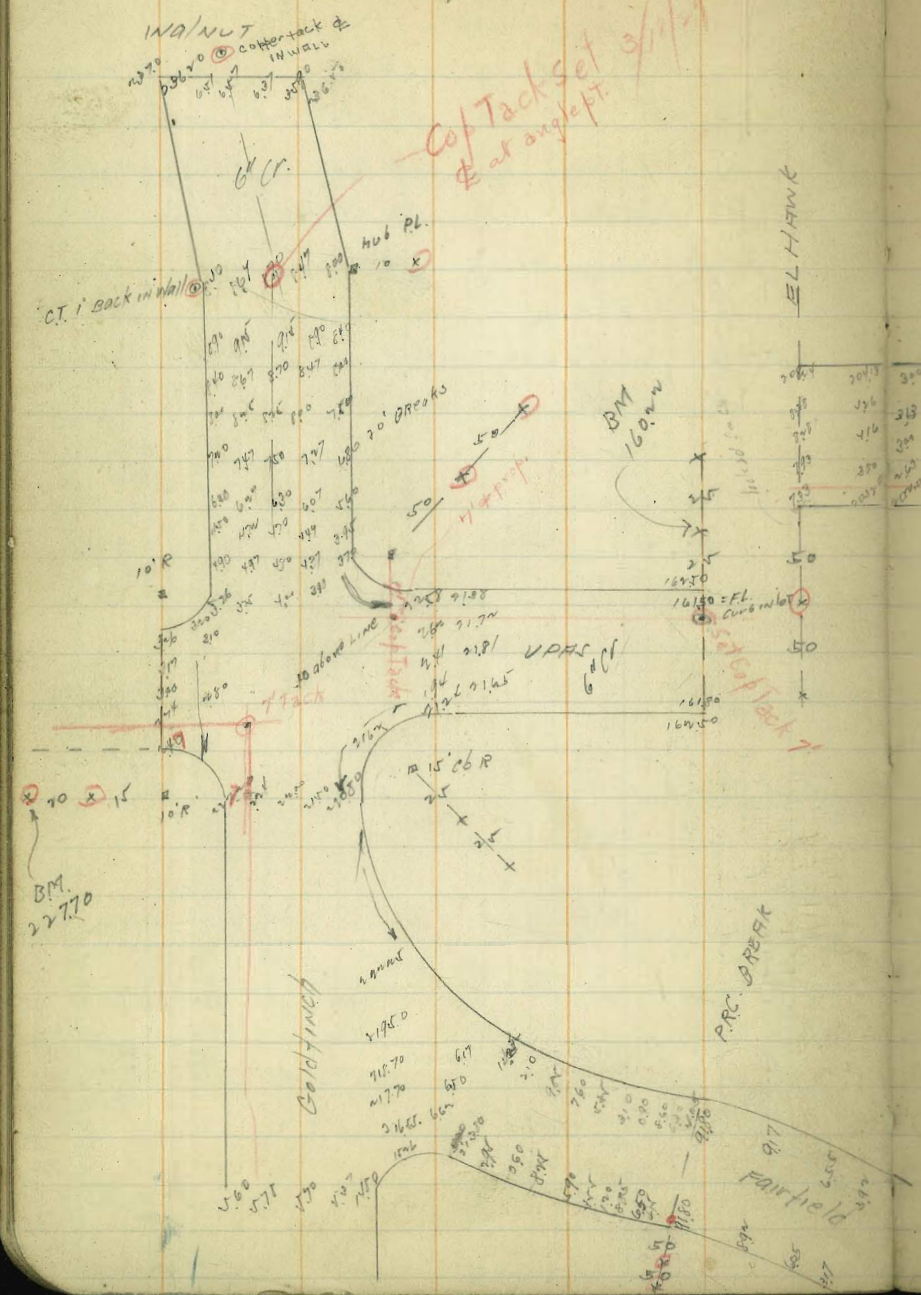
2.5' RP Upas + Eagle = 160.22

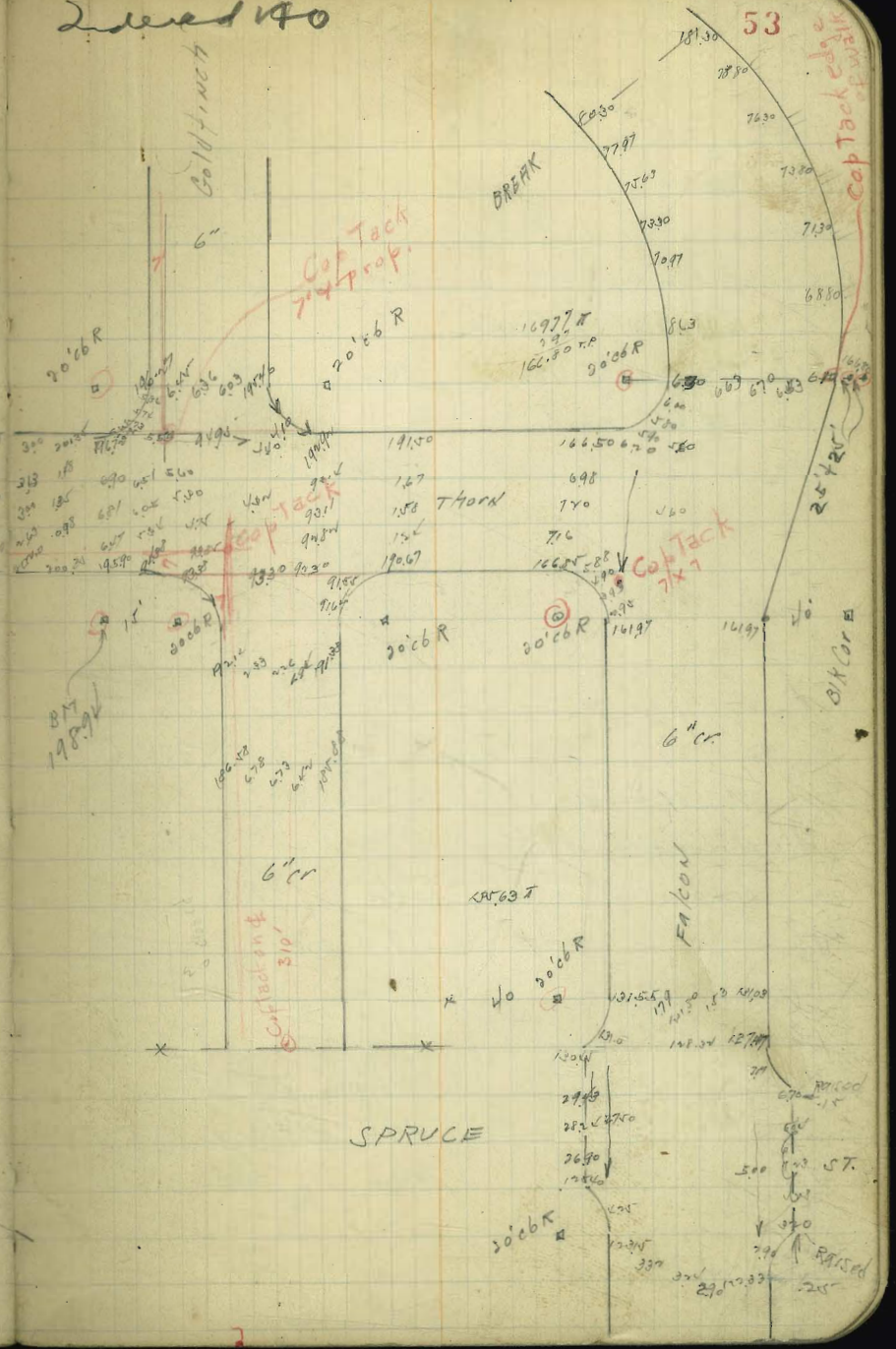
214.70	S	62.6	68.5	74.4	80.3	86.2	92.1	98.0	203.9	209.8
17.69		4.7	10.3	4.4	10.1	4.2	10.8	4.9	10.8	4.9
197.01		6.8	9.9	9.1	9.3	9.3	11.4	6.7	13.6	7.0
0.93		-2.1	+0.4	+5.3	+0.8	+0.9	-0.6	-1.9	-5.8	-2.1
196.94										
1.85										
190.09	N	62.6	68.5	74.5	80.4	86.4	92.3	98.3	204.2	210.1
0.34		4.7	10.3	4.3	10.0	4.0	10.6	4.6	10.5	4.6
189.75		5.1	5.5	5.4	6.8	2.2	6.8	5.7	8.4	5.7
177.24		-0.4	+4.5	+0.9	+3.2	+1.8	+3.8	+0.9	+4.1	-0.6
177.69										
1.10										
176.79	S	215.7	221.1 = PC							
10.74		10.0	5.6							
166.05		10.9	-0.9							
1.20										
167.25										

N 216.1 223.4 = PC 2.50 = EC for Goldfinch



Fairfield, Goldfinch etc
Paving





Sewer Thorn St at Fairfield

℄ Falcon = M.H. 500	161.0	6.92 / 4.10	169.06 / 9.65 / 178.71 / 12.49 / 166.22 / 1.70 / 167.92 / 13.11
20' W = BREAK	162.0	5.92 / 3.37 / +2.55	154.81 / 0.52 / 155.33 / 12.68
75.33 W	169.07	9.62 / 7.26 / 2.38	142.65 / .44 / 143.09
130.65 W Ex Sewer	176.4	2.57 / .40 / +2.17	12.05 / 131.04 / 0.11 / 131.15 / 12.67
Falcon St Sewer			118.48 / 0.51 / 118.99
−40 = Connection Ex Sewer	165.0	2.92 / .70 / +2.22	12.83 / 106.16 / 0.83
0+00 = ℄ Falcon & Thorn	161.0	6.92 / 3.82 / 3.1	106.99 / 12.97 / 94.02
0+50	155.72	12.20 / 6.98 / +5.22	1.35 / 95.37
1	150.45	17.47 / 11.87 / +5.60	11.52 / 83.85
+50	145.19	10.14 / 3.96 / +6.18	
2	139.93	15.40 / 8.41 / +6.99	
+50	134.67	8.42 / 2.10 / +6.32	
3	129.41	13.68 / 7.00 / 6.68	
+50	124.15	15.94 / 9.06 / +6.88	
3+80 = MH ℄ Spruce	121.0	10.15 / 3.29 / +6.86	
DMH 30' West ℄ Falcon & Spruce	137.50	5.59 / 3.46 / +2.13	
" Drop	125.0	18.09 / 3.46 / 14.63	
4+00	119.0	12.15 / 5.55 / +6.60	
+50	114.0	17.15 / 10.57 / +6.58	
5	109.0	9.99 / 4.17 / +5.82	
+50	104.0	14.99 / 9.51 / +5.48	
6	99.0	7.99 / 2.18 / +5.81	
+50	94.0	12.99 / 8.00 / +4.99	
7	89.0	17.99 / 11.35 / +6.64	
+60 = MH ℄ Redwood	83.0	17.37 / 2.10 / +15.27	
8+00	82.13	13.24 / 4.34 / +8.90	

83.85 SW Redwood 83.85
nails in pole

8+40	81.25	14.12 / 8.55 / +5.57
8+80	80.37	15.00 / 11.08 / +3.92
9+20 = Ex Sewer	79.50	15.87 / 11.50 / +4.37

Palm + ALBATROSS PAVING

SL STA	S cb	NL STA	N cb	
1st of Palm NE curb Top 0+00	248.30	0+00	246.5	NW cor = 00
+60 = PC curb	246.85 (~~247.40~~)	+50	240.78	
+75 = EC " = 0+00	246.5	1	235.06	
0+50 = Δ SL	240.95	+50	229.3	
1	235.4	1+73.5	226.70	= Δ NL
+50	229.85	2+01.3	223.50	EL FRONT
2+06.7 = EL FRONT Δ	223.5	0+00	221.30	WL "
EL alley	221.61	0+50	219.28	
WL "	221.4	1+00	217.25	= BREAK
WL FRONT = 00	220.4	+50	215.88	
0+50	218.9	2	214.5	EL Albatross
1 = BREAK	217.4		214.0	WL "
+57.5	215.95			
2+15 = EL Albatross	214.5			
WL "	213.5			

248.29 NE BP Palm + 1st

248.29 / 1.25 / 249.54 / 12.87 / 236.67 / 8.98 / 227.69 / 13.00 / 214.56 / 0.65 / 215.21 / 9.98 / 205.23 / 5.12 / 210.35

S 47.0 / 2.5 / 14.5 / -12.0 — 46.7 / 2.8 / 15.1 / -12.3 — 41.1 / 3.5 / 6.1 / -2.6 — 35.2 / 2.4 / 7.1 / -4.7 — 30.0 / 7.6 / 7.3 / +0.3 — 23.6 / 12.0 / 12.4 / +1.4 — 21.7 / 3.5 / 2.1 / +1.4 — 21.5 / 3.7 / 2.7 / +1.0 — 20.5 / 4.7 / 4.6 / +0.1

N 246.5 / 2.04 — 40.9 / 8.7 / 8.8 / -0.1 — 35.2 / 14.3 / 13.7 / +0.6 — 29.5 / 8.1 / 6.5 / +1.6 — 24.8 / 10.8 / 9.0 / +1.8 — 23.6 / 14.0 / 11.7 / +2.3 — 21.4 / 3.8 / 5.2 / -1.4 — 19.4 / 5.8 / 6.0 / -0.2 — 17.4 / 7.8 / 7.3 / +0.5 — 16.0 / 9.2 / 8.7 / +0.5

S 19.0 / 6.2 / 6.5 / -0.3 — 17.5 / 7.7 / 7.6 / +0.1 — 16.1 / 9.1 / 9.0 / +0.1 — 14.6 / 10.6 / 10.3 / +0.3 — 13.6 / 11.6 / 12.3 / -0.7

10.6 / 10.5 N / +0.1 cor — 14.6 / 10.6 / 10.0 / +0.6 — 14.2 / 11.0 / 16.9 / -5.9

258.29 / 7.28 / 250.77 / 13.11 / 237.66 / 0.23 / 237.89 / 12.39 / 225.50 / 2.13 / 227.63

246.85 / 3.92 — 246.67 / 4.19 — 246.37 / 5.40 — 245.83 / 4.94 — 240.95 / 9.82 — 246.50 / 5.27 — 229.50 / 14.39 / 12.39 / +2.0

223.50 / 4.13 / 2.33 / +1.8 — 214.50 / 13.13 — (S) S cb 217.40 / 10.23 — S N cb 217.25 / 10.38 — 213.50 = WL / 14.13 — 224.10 / 3.53 / 2.13 / +1.40

221.60 / 6.03 / 5.13 / 3.23 / +2.0 — 221.50 / 221.34 / 6.30 / 5.30 / +1.0 — 220.60 / 7.23 — 222.90 / 4.73 / 7.03 / -2.30 — 221.30 / 6.33

495 / 6.75 / -1.80 — 7.06 / 6.26 / +0.50 — 6.56

221.60 / 6.03 / 5.53 / +0.5 — 221.80 / 5.83 / 4.53 / +1.3

Albatross Grading + Paving

	W cb	E cb
00 = St Palm	212.5	214.5
0+55.75	211.86	212.8
2	210.22	211.10
3	208.58	209.4
4	206.94	207.7
2+78.79 = PC	205.30	206.0

1035
1.03
210.02
1.49
211.51

W	13.6	12.0 / 8.4 / 8.0 / +0.4	10.4 / 10.0 / 9.8 / +0.2	08.7 / 11.7 / 13.6 / -1.9	07.1 / 4.4 / 4.4 / 0.0	05.4 / 6.1 / 4.5 / +1.6	
E	14.6	12.9 / 7.5 / 6.2 / +1.3	11.2 / 9.2 / 8.2 / +1.0	09.5 / 2.0 / 1.4 / +0.6	07.8 / 3.7 / 3.7 / 0.0	06.1 / 5.4 / 6.2 / -0.8	

206.00
3.59
209.59

201.5 / 8.09 — 202.25 / 7.34 — 203.0 / 6.59 — 203.38 / 6.21 — 203.76 / 5.83 / 5.33 / +0.50 — 204.16 / 5.43 / 4.93 / +0.50 — 204.54 / 5.05 / 4.05 / +1.0 — 204.92 / 4.67 / 3.67 / +1.0

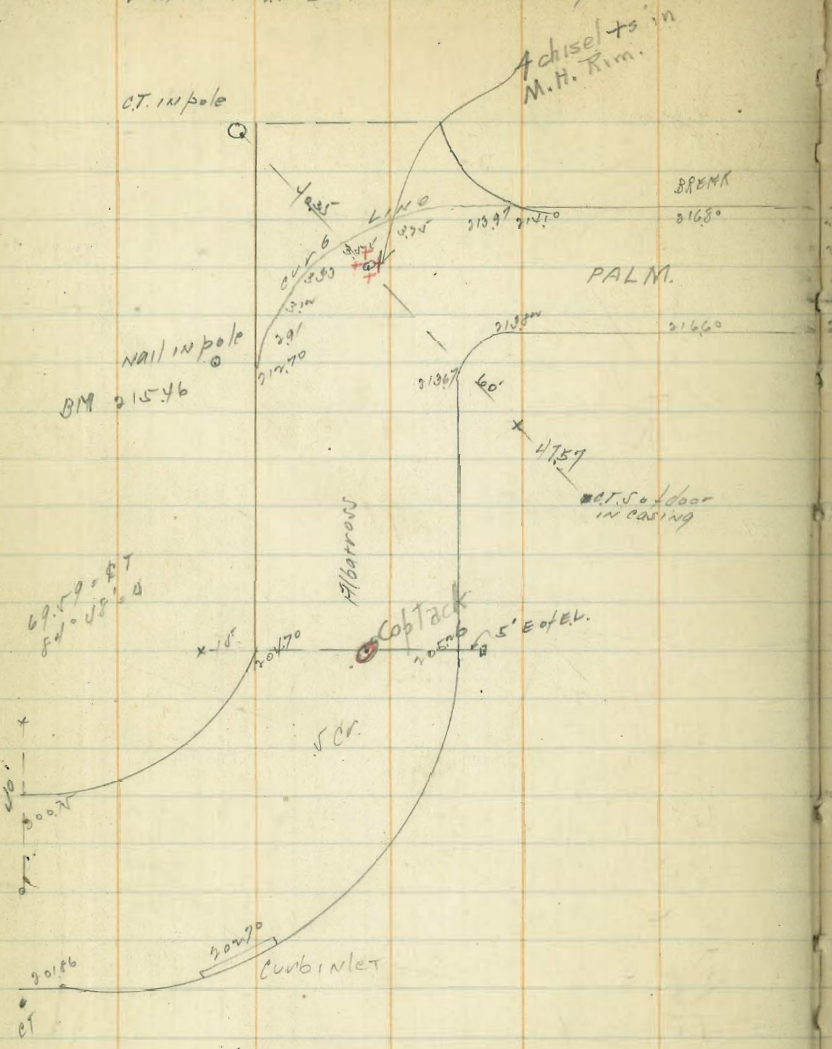
191.07
3.02
194.09

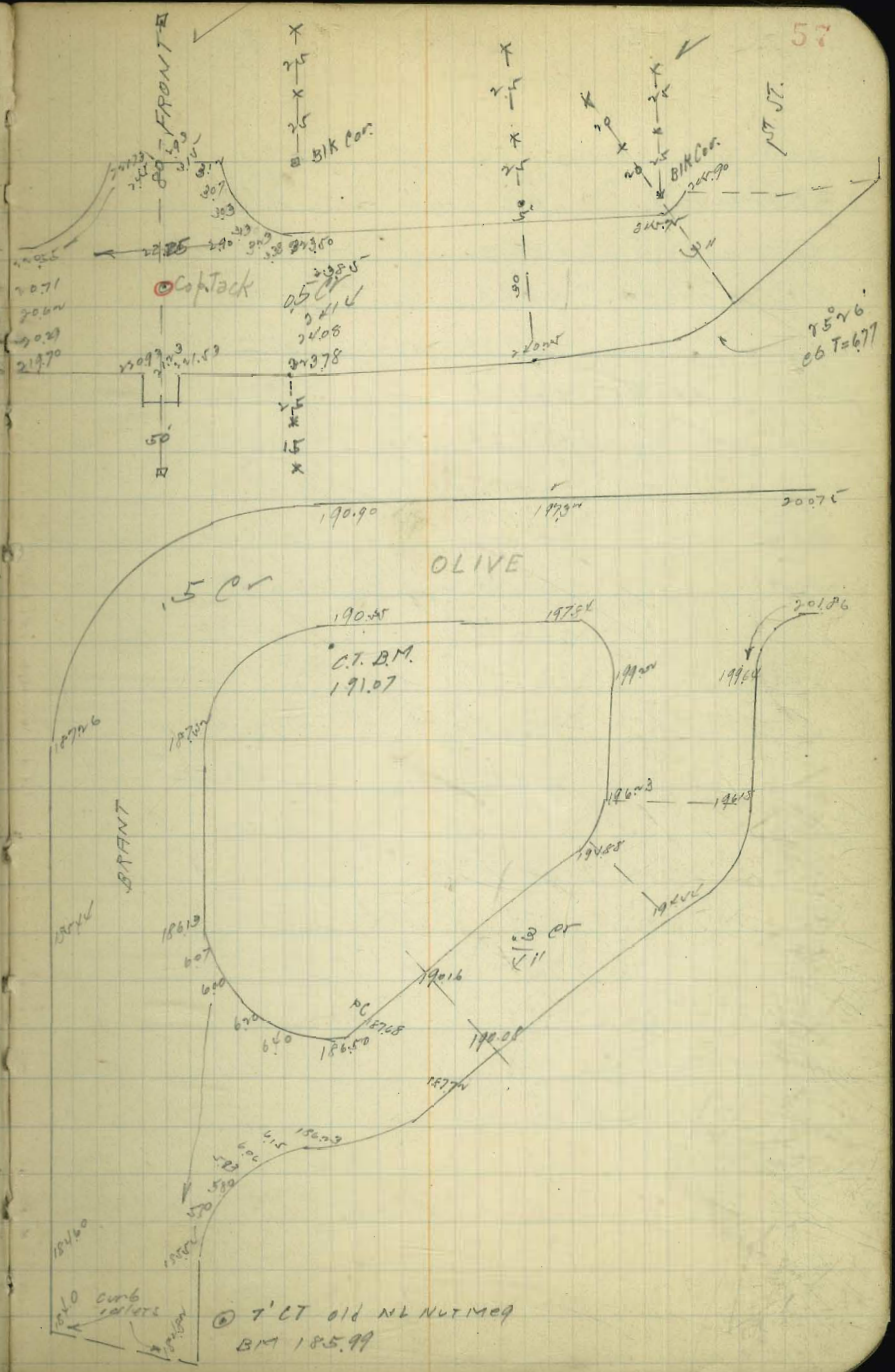
205.30 / 2 = PC / @ 1.0 — 202.45 / 7.14 — 191.50 / 2.59 — 191.0 / 3.09 — 190.5 / 3.59 — 190.0 / 4.09 = BRK = 34.47

(B) = 185.99 — 189.5 / 4.59 — 189.28 / 4.81 — 189.07 / 5.02 — 188.86 / 5.23 — 188.64 / 5.45 — 188.43 / 5.66 — 188.21 / 5.88 — 188.0 / 6.09 = EC

185.0 = N.W. Brant + Nutmeg

Palm + Albatross Paving





Moore
12/1/27

Georgia Court Paving

Hansen for Lakeside Const. Co.

	S. cb	N. cb
	293.40 = grade	295.0 = grade
EL Georgia = 00	293.60 = cb	294.65 = cb
0+30	287.30	288.32
0+60 = BREAK	281.0	282.0
1+15	275.54	276.34
1+70 = BREAK	269.68	270.68
1+90	267.74	268.77
2+10	266.06	267.14
2+30	264.62	265.81
2+50	263.49	264.78
2+70	262.49	264.03
2+90	261.79	263.58
3+20 WL Florida	260.94	263.12
	260.97 = cb	262.90 = cb

on Florida

280.00
12.42
296.42
12.87
283.55
1.04
284.59
12.77
271.82
.013
271.95

284.00 = NW BM Cypress & Georgia
7.86 +
291.86 = T
2.35 −
289.51 = TP
6.09 +
295.60 = T
12.24 −
283.36 = TP
0.31 +
283.67 = T
12.34 −
271.33 = TP
0.81 +
272.14 = T

284.00
6.31
290.31
0.46
289.85
.90
290.78
6.86
283.92
1.5
284.06
7.05
277.01
0.7
277.18
7.04
270.14
.44
270.58
7.04
263.54
3.46
7.00
261.08
.92
260.

Water Line Cuts

290.5 / 1
284.6 / 6.2 / 3.8 / +2.5
277.9 / 6.2 / 2.5 / +3.7
272.2 / 5.0 / 1.7 / +3.3
266.5 / 4.1 / 0.7 / +3.4
64.5 / 6.1 / 2.8 / +3.3
63.0 / 7.6 / 4.8 / +2.8

61.5 / 9.1 / 6.5 / +2.6
60.5 / 6.5 / 3.8 / +2.7
59.5 / 7.5 / 4.6 / +2.9
58.7 / 8.3 / 5.2 / +3.1
58.0 / 9.0 / 5.8 / +3.2

NW Cypress & Georgia

S	87.5 / 8.9 / 14.2 / −5.3	81.2 / 3.4 / 6.4 / −3.0	75.6 / 9.0 / 9.6 / −0.6	69.9 / 2.0 / 3.7 / −1.7	68.0 / 3.95 / 2.95 / +1.0	66.3 / 5.65 / 5.85 / −0.2	64.8 / 7.1 / 7.8 / −0.7	63.6 / 8.3 / 8.8 / −0.5
N	88.5 / 7.9 / 7.1 / +0.8	87.2 / 14.2 / 11.9 / +2.3	76.6 / 8.0 / 5.7 / +2.3	70.9 / 13.7 / 12.0 / +1.7	69.0 / 2.9 / 1.9 / +1.0	67.4 / 4.5 / 4.8 / −0.3	66.1 / 5.8 / 7.3 / −1.5	65.0 / 6.9 / 9.5 / −2.6

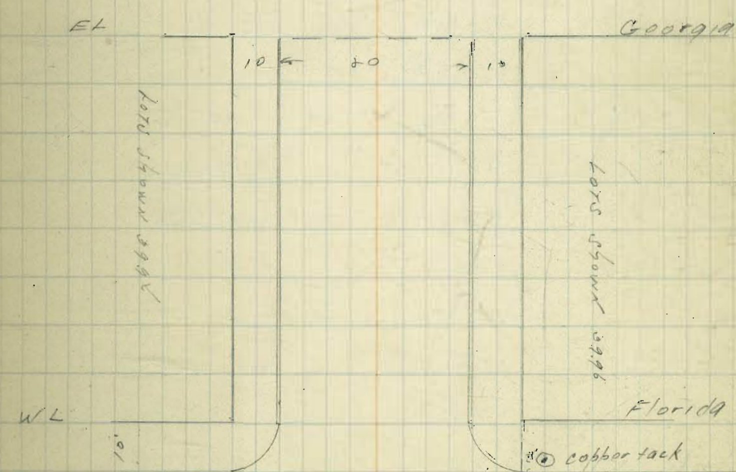
S 62.7 / 9.2 / 9.6 / −0.4; 62.0 / 9.9 / 10.2 / −0.3

260.94 = cb SL 0+30 287.30 / 5.30 ✓, 281.00 / 2.67 ✓, 275.34 / 8.33 ✓, 269.68 / 2.46 ✓, 267.74 / 4.40 ✓, 266.06 / 6.08 ✓

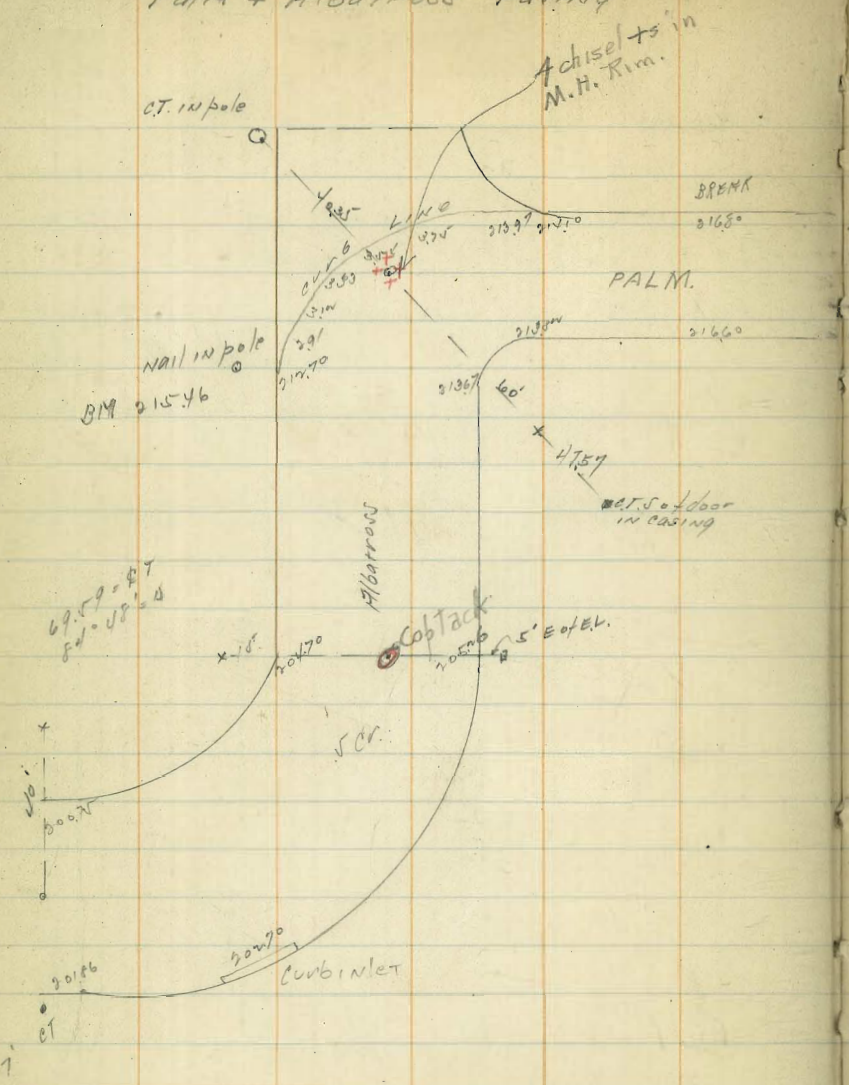
N 64.2 / 7.7 / 10.2 / −2.5; 63.8 / 8.1 / 12.4 / −4.3

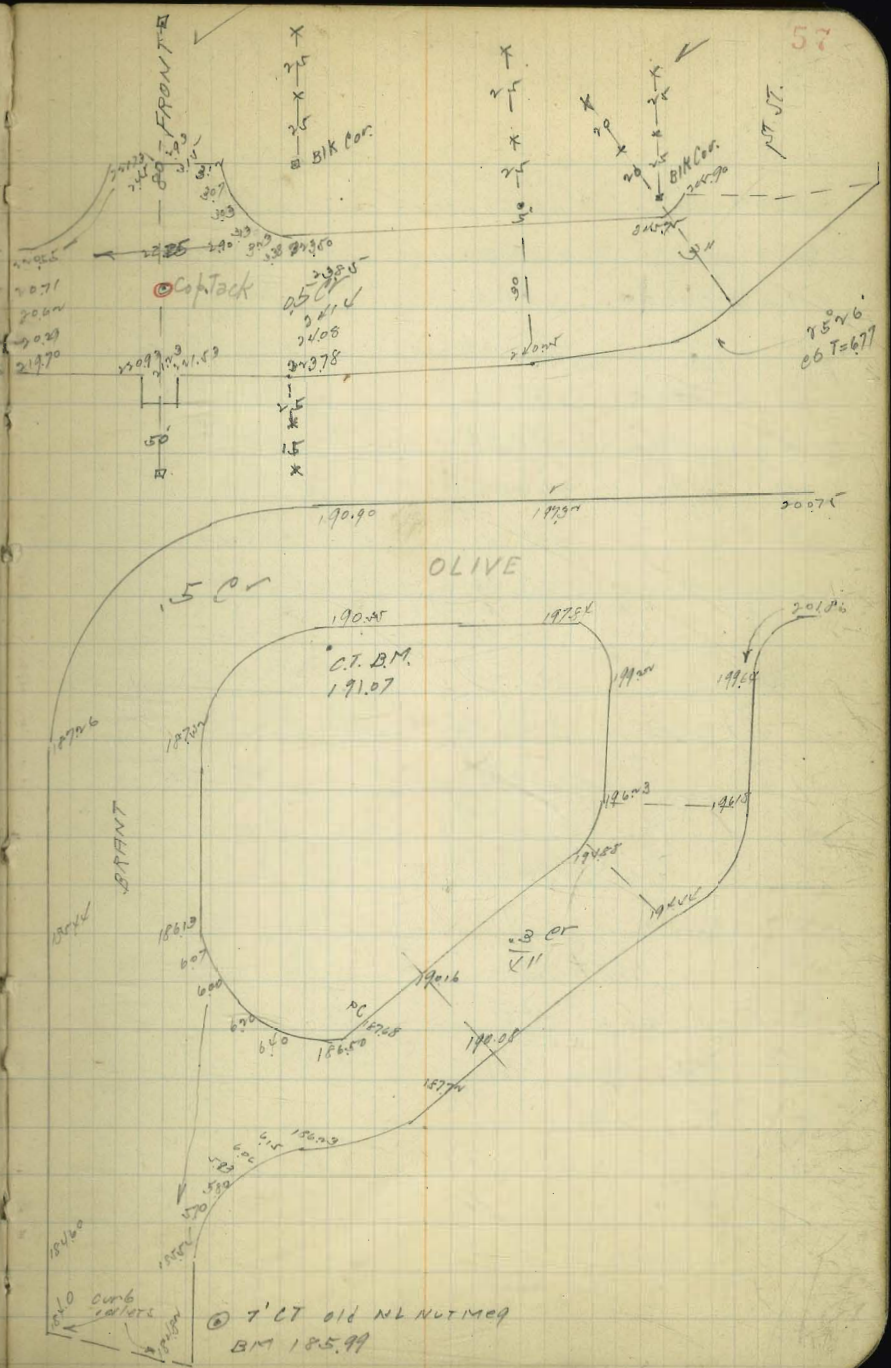
263.12 = cb NL 0+30 288.32 / 7.28, 282.00 / 1.67, 276.34 / 7.33, 270.68 / 1.46, 268.77 / 3.37 ✓, 267.14 / 5.00 ✓

SL 264.62 / 7.52 ✓, 263.49 / 8.71 ✓, 262.49 / 9.65 ✓, 261.79 / 10.35 ✓, 260.94 / 11.79 ✓ | NL 265.81 / 6.33 ✓, 264.78 / 7.36 ✓, 264.03 / 8.11 ✓, 263.58 / 8.56 ✓, 263.12 / 9.02 ✓



Palm + Albatross Paving





Moore
10/1/27

Georgia Court Paving

Hansen for Lakeside Const. Co.

	S. cb	N. cb
	293.40 = grade	295.0 = grade
EL Georgia = 00	293.60 = cb	294.65 = cb
0+30	287.30	288.32
0+60 = BREAK	281.0	282.0
1+15	275.54	276.34
1+70 = BREAK	269.68	270.68
1+90	267.74	268.77
2+10	266.06	267.14
2+30	264.62	265.81
2+50	263.43	264.78
2+70	262.49	264.03
2+90	261.79	263.58
3+20 WL Florida	260.94	263.12
	260.97 = cb	264.90 = cb

on Florida

284.00
12.42
296.42
12.87
283.55
1.04
284.59
12.77
271.82
0.13
271.95

284.00 = NW BM
786 +
291.86 TP
2.35 −
289.51 = TP
6.09 +
295.60 = π
12.24 −
283.36 = TP
0.31 +
283.67 = π
12.34 −
271.33 = TP
6.81 +
278.14 = π

Water Line Cuts

290.5	284.6	277.9	272.2	266.5	264.5	263.0
	6.2	6.2	5.0	4.1	6.1	7.6
	5.8	2.5	1.7	0.4	2.8	4.8
	+3.8	+3.7	+3.3	+3.4	+3.3	+2.8

61.5	60.5	59.5	58.7	58.0
9.1	6.5	7.5	8.3	8.0
6.5	3.8	4.6	5.2	5.5
+2.6	+2.7	+2.9	+3.1	+2.5

284.00
5.31
290.31
0.56
289.85
90
290.78
6.86
283.92
284.06
7.05
277.01
279.13
7.04
270.58
7.04
263.54
3.00
266.54
268.98

NW Cypress & Georgia

S	87.5	81.2	75.6	69.9	68.0	66.3	64.8	63.6
	8.9	3.4	9.0	2.0	3.95	5.65	7.1	8.3
	14.2	6.4	9.6	3.7	2.95	5.85	7.8	8.8
	−5.3	−3.0	−0.6	−1.7	+1.0	−0.2	−0.7	−0.5
N	88.5	82.2	76.6	70.9	69.0	67.4	66.1	65.0
	7.9	14.2	8.0	13.7	2.9	4.5	5.8	6.9
	7.1	11.9	5.7	12.0	1.9	4.8	7.3	9.5
	+0.8	+2.3	+2.3	+1.7	+1.0	−0.3	−1.5	−2.6

S	62.7	62.0
	9.2	9.9
	9.6	10.2
	−0.4	−0.3
N	64.2	63.8
	7.7	8.1
	10.2	12.4
	−2.5	−4.3

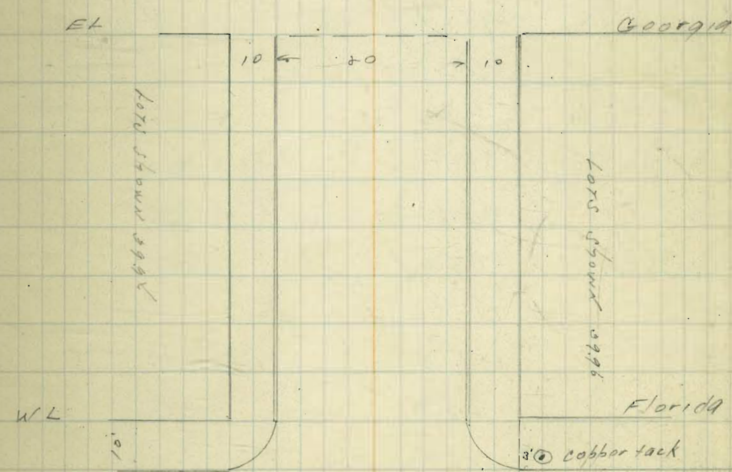
260.94 = cb SL 287.30 (0+30) 281.00 275.34 269.68 267.74 266.06
8.30 2.67 8.33 2.46 4.40 6.08

263.12 = cb NL 288.32 (= 0+30) 282.00 276.34 270.68 268.77 267.14
7.28 1.67 7.33 1.46 3.37 5.00

Cypress & Georgia

SL 264.67 263.43 262.49 261.79 260.94
7.52 8.71 9.65 10.35 11.20

NL 265.81 264.78 264.03 263.58 263.12
6.33 7.36 8.11 8.56 9.02



Moore
12/1/27

Georgia Court Paving

Hansen for Lakeside Const. Co.

	S. cb	N. cb	
	293.40 = grade	295.0 = grade	
EL Georgia = 00	293.60 = cb	294.65 = cb	
0 + 30	287.30	288.32	
0 + 60 = BREAK (55)	281.0	282.0	
1 + 15	275.54	276.34	
1 + 70 = BREAK	269.68	270.68	
1 + 90	267.74	268.77	
2 + 10	266.06	267.14	
2 + 30	264.62	265.81	284.00 = NWBM Cypress + Georgia
2 + 50	263.43	264.78	
2 + 70	262.49	264.03	
2 + 90	261.79	263.58	
3 + 20 WL Florida	260.94	263.12	
	260.97 = cb	264.90 = cb (on Florida)	

Side calculations (top right of left page):
284.00
12.42
296.42
12.87
283.55
1.04
284.59
12.77
271.82
0.13
271.95

Side calculations (beside 2+30 to 3+20):
284.00 = NWBM
7.86 +
291.86 = T
2.35 −
289.51 = TP
6.09 +
295.60 = T
12.24 −
283.36 = TP
0.31 +
283.67 = T
12.34 −
271.33 = TP
0.81 +
272.14 = T

Side calculations (lower left margin):
284.00
6.31
290.31
0.46
289.85
0.93
290.78
6.86
283.92
1.14
284.06
7.05
277.01
0.17
277.18
7.04
270.14
0.44
270.58
7.04
263.54
3.46
267.00
1.08
267.08 ... 2.92 ... 26?

Water Line Cuts

290.5	284.6	277.9	272.2	266.5	64.5	63.0
	6.2	6.2	5.0	4.1	6.1	7.6
	3.8	2.5	1.7	0.7	2.8	4.8
	+2.4	+3.7	+3.3	+3.4	+3.3	+2.8

61.5	60.5	59.5	58.7	58.0
9.1	6.5	7.5	8.3	9.0
6.5	3.8	4.6	5.2	5.8
+2.6	+2.7	+2.9	+3.1	+3.2

NW Cypress + Georgia

S	87.5 / 8.9 / 14.2 / −5.3	81.2 / 3.4 / 6.4 / −3.0	75.6 / 9.0 / 9.6 / −0.6	69.9 / 2.0 / 3.7 / −1.7	68.0 / 3.95 / 2.95 / +1.0	66.3 / 5.65 / 5.85 / −0.2	64.8 / 7.1 / 7.8 / −0.7	63.6 / 8.3 / 8.8 / −0.5
N	88.5 / 7.9 / 7.1 / +0.8	82.2 / 14.2 / 11.9 / +2.3	76.6 / 8.0 / 5.7 / +2.3	70.9 / 13.7 / 12.0 / +1.7	69.0 / 2.9 / 1.9 / +1.0	67.4 / 4.5 / 4.8 / −0.3	66.1 / 5.8 / 7.3 / −1.5	65.0 / 6.9 / 9.5 / −2.6

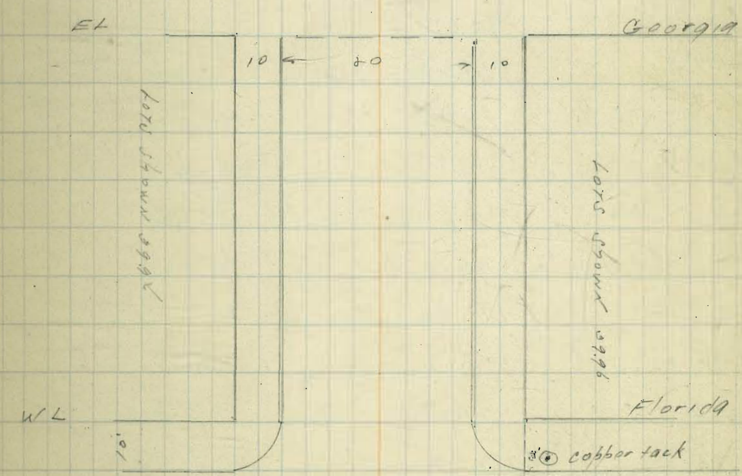
S: 62.7 / 9.2 / 9.6 / −0.4; 62.0 / 9.9 / 10.2 / −0.3

260.94 = cb SL (0+30) 287.30 / 5.30; 281.00 / 2.67; 275.34 / 8.33; 269.68 / 2.46; 267.74 / 4.40; 266.06 / 6.08

N: 64.2 / 7.7 / 10.2 / −2.5; 63.8 / 8.1 / 12.4 / −4.3

263.12 = cb NL (0+30) 288.32 / 7.28; 282.00 / 1.67; 276.34 / 7.33; 270.68 / 1.46; 268.77 / 3.37; 267.14 / 5.00

SL 264.62 / 7.52; 263.43 / 8.71; 262.49 / 9.65; 261.79 / 10.35; 260.94 / 11.20 } NL 265.81 / 6.33; 264.78 / 7.36; 264.03 / 8.11; 263.58 / 8.56; 263.12 / 9.02



Narragansett Ave Paving

Noble

	S cb	N cb
℄ BLK = 00 BREAK	40.0	39.0
+50	43.33	42.42
1	46.67	45.84
+50	50.0	49.26
2	53.33	52.68
+50	56.67	56.10
+92 = PC	59.50	59.0
3 = W L Ebers	60.0	59.50
00 EL "	63.0	62.9
+08 = P.C.	64.0	64.0
+50	70.04	70.18
1	77.23	77.54
+50	84.52	84.90
2	91.61	92.26
+50	98.80	99.63
3 = BREAK	106.0	107.0
+50	111.56	112.56
4	117.13	118.13
+50	122.7	123.7
5	128.26	129.26
+50	133.82	134.82
+92 = P.C.	138.5	139.5
6 = W/L Froudé	139.0	140.2
0+00 EL "	141.7	142.9
+08 = P.C.	142.5	143.5

NW 7' hub 50' + 100' North

67.86 [illegible] 66.23

SW 7' hub 50' + 100' South

Narr. + Ebers 67.86 spike SW pole

100' E of EL Froude 2nd nail 155.65

S 40.2 43.6 46.9 50.2 53.6 56.9 60.2 (PC) 63.2 (PC)

N 39.2 42.6 46.0 49.4 52.9 56.3 59.7 63.1

S 70.2 77.4 84.6 91.8 99.0 106.2 111.7 117.3 122.9

N 70.4 77.7 85.1 92.4 99.8 107.2 112.7 118.3 123.9

5.5 AT NL

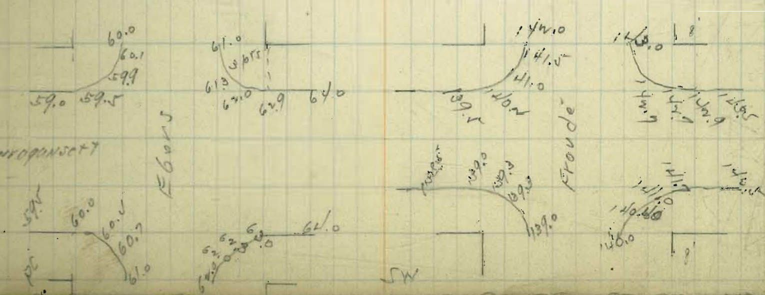
S 128.4 134.0 139.2 139.2 (cR) 141.9 140.2 (cR)

N 129.4 135.0 140.4 142.2 143.1 143.2

Froude EAST

Water 138.8 144.7 150.52 156.4 163.7 171.1 178.4 185.8

Water 188.8 191.8 195.3 198.8 W/L Guiyot 64.28 = F.H. 1.95



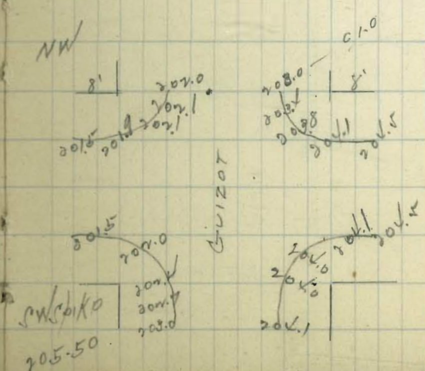
Narragansett Ave

	S curb	N curb
0+50	146.6	147.53
1	151.48	152.33
+50	156.37 ✓ should be 159.0	157.12
1+80 (55) = BREAK	159.3 ✓	160.0
2+35	166.72	167.25
+90	174.15	174.50
3+45	181.57	181.75
4+00 = BREAK	189.0	189.0
4+40	192.0	192.0
+80 = BREAK	195.0	195.0
5+20	197.32	197.32
5+60	199.64	199.64 ✓
+92 = P.C.	201.5	201.5
6 = WL Guizot	202.0	201.9
00 = EL "	204.1	204.1
0+08 = P.C.	204.5	204.5

S.W. curb radius 50' & 100' South

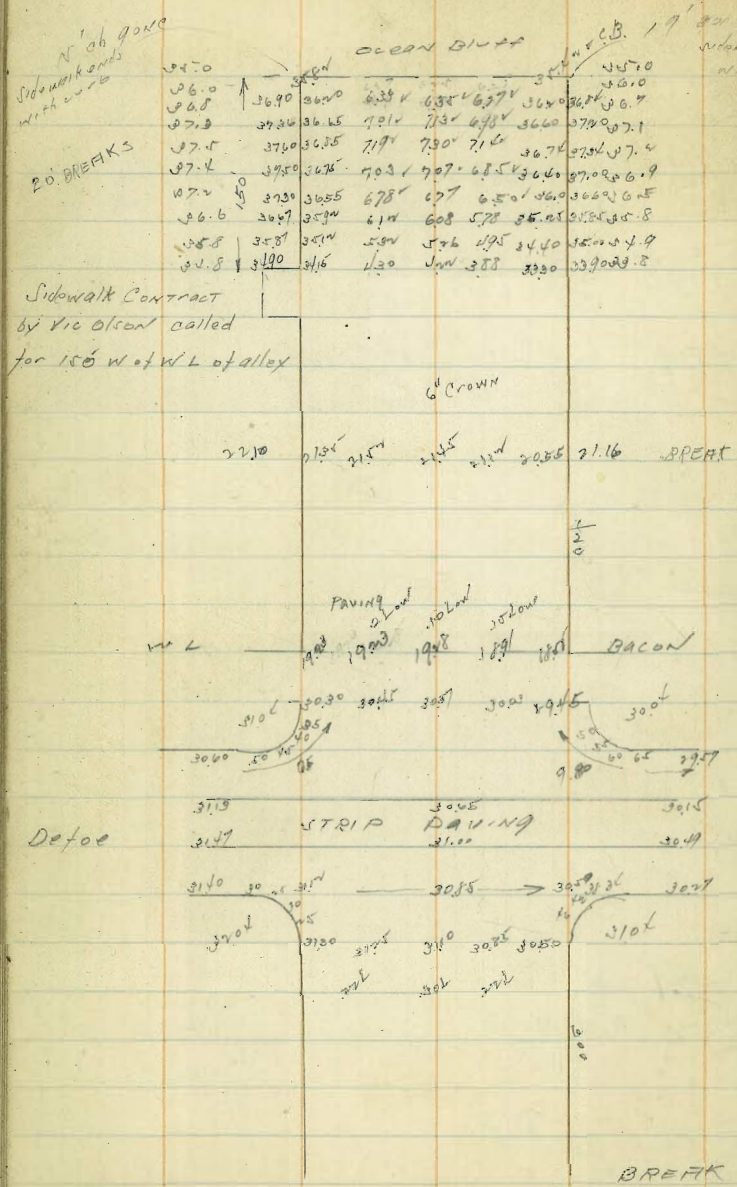
151.59
0.00
151.59
12.97
164.56
0.00
164.56
12.88
177.44
0.00
177.44
12.37
189.81
0.00
189.81
12.61
202.42
1.74
200.68
7.46
208.14
2.64
205.50

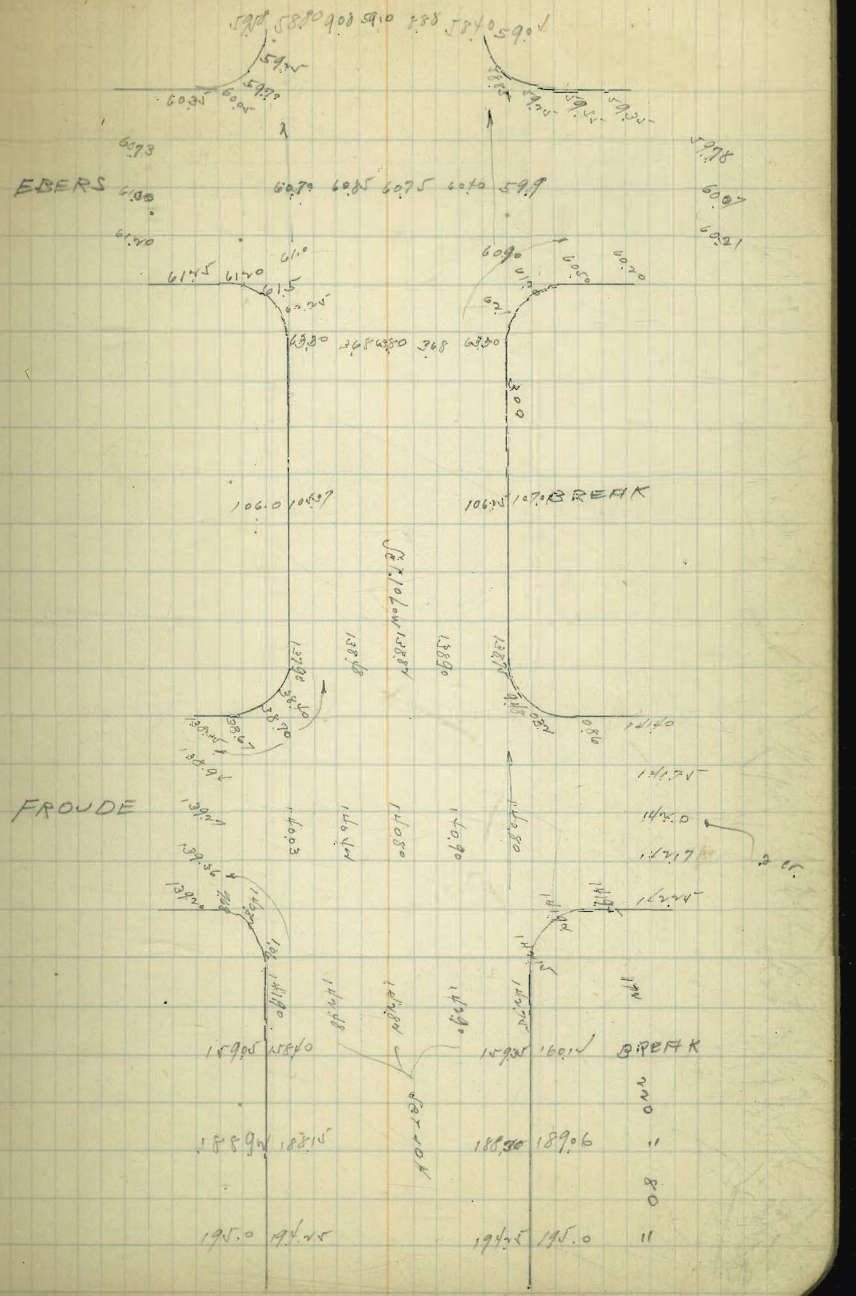
S	146.8 4.8 5.1 -0.3	151.7 0.1 1.8 -1.9	156.6 8.0 8.9 -0.9	159.5 5.1 5.0 +0.1	166.9 10.5 7.4 +3.1	174.4 15.4 12.0 +3.4	181.8 8.0 4.4 +3.6		
N	147.7 16.9 9.6 +7.3	152.5 12.1 6.4 +5.7	157.3 7.3 4.0 +3.3	160.2 4.4 2.4 +2.0	167.4 10.0 9.9 +0.1	174.7 2.7 2.4 +0.3	181.9 7.9 7.4 +0.5		
S	189.2 13.2 9.5 +3.7	192.2 10.5 5.6 +4.9	195.2 7.2 3.1 +4.1	197.5 4.9 1.6 +3.3	199.8 8.3 6.1 +2.2	PL 202.2 5.9 4.6 +1.3	?	Return 00 O.K.	
N	189.2 15.2 14.6 +0.6	192.2 10.2 9.9 +0.3	195.2 7.2 7.3 -0.1	197.5 4.9 4.2 +0.7	199.8 8.3 8.3 0.0	202.1 6.0 6.8 -0.8	?	204.5 3.6 3.7 0.10 low	

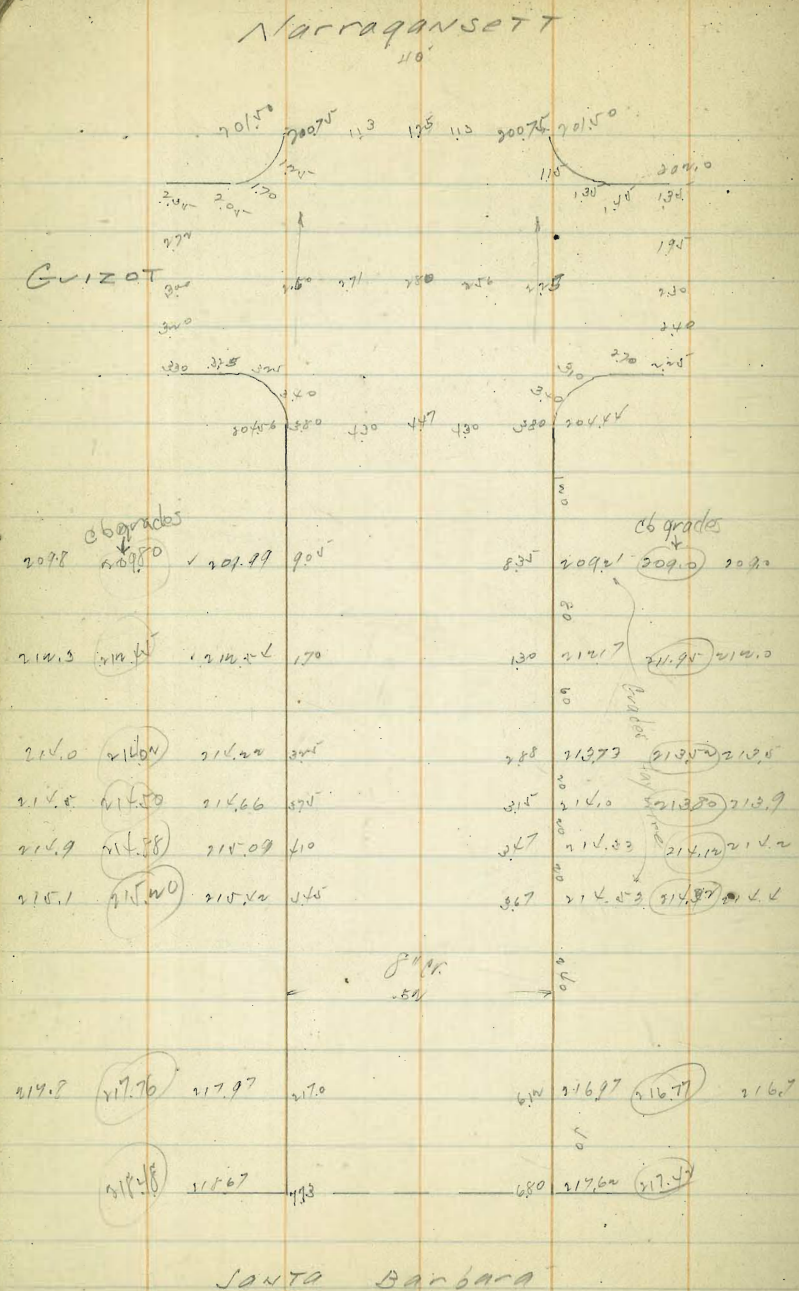


Narragansett Paving

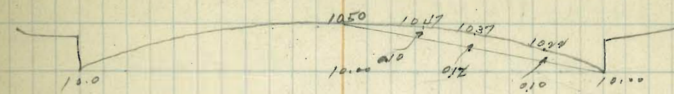
6" Crown







½ width templet 6" crown



10/18/27

Sewer Construction
Arista St & alley

Dennis Co
inside Cor SE Return 247.26 / 5.67 / 252.93 / 12.97 / 239.96 / 0.80 / 240.76
Chesnut Pambuda

EX. M.H. ¢ Chesnut = 00	Shown as 225.0	225.90	
0 + 43.8	14.21 / 8.36 / +5.85	226.55	
"	13.56 / 7.48 / +6.08	227.20	
"	12.91 / 6.90 / +6.01	227.85	
D.M.H. 1+71.6 = ¢ alley	12.26 / 6.79 / +5.47	228.50	
219.6	11.76 / 7.45 / +4.31	229.0	
2+64.6 = D.E.	11.26 / 8.60 / +2.66	229.50	

¢ of alley

D.M.H ¢ alley & Arista = 00	9.26 / 6.79 / +2.47	231.50	231.50 +2.47
0 + 45 = BREAK	5.76 / 2.19 / +3.57	235.0	233.15 +5.42
0 + 93	16.53 / 9.40 / +7.13	236.2	234.92 +8.61
1 + 41	15.13 / 8.18 / +6.95	237.8	236.68 +8.07
1 + 89	13.73 / 6.96 / +6.77	239.2	238.45 +7.52
2 + 37	12.33 / 5.63 / +6.70	240.6	240.22 +7.08
2 + 85 = D.E.	10.93 / 3.73 / +7.2	242.0	242.0 +7.2 / 249.91 T

Whitman & Trias

EX. MH ¢ Trias = 00	243.0	243.53 = True Elev
0 + 30 E	243.20	243.73 6.18 / 2.05 / +4.13
0 + 60 = D.E. on ¢ Whitman	243.40	243.93 5.98 / 2.55 / +3.43

6' offsets

Whitman & Trias NEBP 249.01 / 0.90 / 249.91 T

85' W of ¢ Hortensia on ¢ Whitman = DE = 00		236.37	13.54 / 6.77 / +6.77
47.5' E	249.91 / 13.05 / 236.86 / 7.46 / 244.32	233.19	16.72 / 11.27 / +5.45
0+85 = M.H.		230.00	14.32 / 8.02 / +6.30
1 + 05 = EL Hortensia = cem. plug		228.26	16.06 / 8.78 / +7.28
0+85 = MH = ¢ Hortensia = 0+00		230.00	+6.30
0+47 N. on " "	knocked out by Gas Co.	231.30	13.02 / 7.55 / +5.47
0 + 94		232.60	11.72 / 6.48 / +5.24
(1+41)		233.90	10.42 / 4.95 / +5.47
1 + 88		235.20	9.12 / 3.47 / +5.65
2+35 = DE		236.50	7.82 / 1.65 / +6.17

236.30 / 8.35 / 244.65	231.30 / 13.35 / 8.24 / +5.11	232.60 / 12.05 / 6.39 / +5.66	233.90 / 10.75 / 5.28 / +5.47	235.20 / 9.45 / 3.84 / +5.61	236.50 / 8.15 / 1.98 / +6.17

10/31/49 Moove

Alley Paving
BLK 58 City Hgts.

30' wide
Betw. Cherokee & 36th
Hansen per
Lakeside Const. Co

		W	E
SL Univ = 0+00		358.25	358.03
0+50		357.40	357.11
1		356.56	356.22
+50		355.71	355.31
2	= BREAK	354.87	354.40
+50		354.03	353.60
3		353.18	352.80
+50		352.34	352.0
4	= BREAK	351.50	351.20
+50		350.47	350.30
5		349.45	349.40
+50		348.42	348.50
6 = NL Wightman		347.40	347.60

℄ alley 0.3' below low side

water & sewer laterals lowered per plan

359.54 NWBP Univ. & 36th
3.70
362.24
6.48
355.76
3.55
359.31
7.21
352.10
3.65
355.75
5.66
350.09
3.34
353.43

			Ⓑ			
W	58.25 / 4.00	57.40 / 4.84 / 4.14 / +0.70	56.56 / 5.68 / 5.44 / +0.24	55.71 / 3.60 / 3.28 / +0.32	54.87 / 4.44 / 3.91 / +0.53	54.03 / 5.28 / 4.94 / +0.34	53.18 / 6.10 / 5.29 / +0.81	52.34 / 6.97 / 6.51 / +0.46
E	58.03 / 4.21	57.11 / 5.13 / 4.87 / +0.26	56.22 / 6.02 / 5.44 / +0.58	55.31 / 5.00 / 4.33 / +0.67	54.40 / 4.91 / 4.54 / +0.37	53.60 / 5.71 / 4.80 / +0.91	52.80 / 6.51 / 5.61 / +0.90	52.10 / 7.31 / 6.76 / +0.55

	Ⓐ					
W	51.50 / 4.25 / 4.36 / -0.11	50.47 / 5.28 / 4.77 / +0.51	49.45 / 6.30 / 6.11 / +0.19	48.42 / 5.01 / 4.58 / +.43	47.40 / 6.03 / 5.65 / +0.38	
E	51.20 / 4.55 / 4.25 / +0.30	50.30 / 5.45 / 4.41 / +1.04	49.40 / 4.03 / 4.09 / -.06	48.50 / 4.93 / 4.99 / -.06	47.60 / 5.83 / 5.62 / +0.21	on drive

1/14/2?
Moore

Alley Paving.
Blk 251 Univ. Hgts
20' wide betw Cypress & Myrtle. Georgia + Indiana

Paving grades

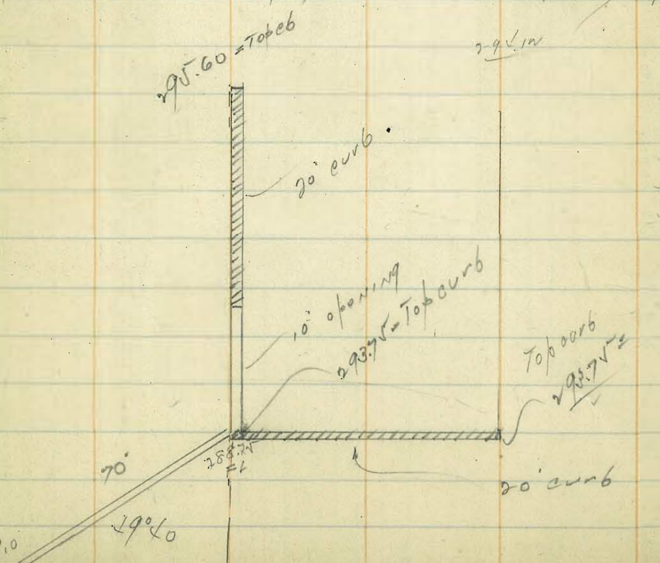
		W	E
St Cypress = 00		304.80	304.33
0+20	BREAK	308.0	308.0
0+40	BREAK	308.60	308.60
0+85		307.90	307.90
1+30	BREAK	307.20	307.20
1+78		305.96	305.88
2+26		304.72	304.56
2+74		x ~~303.48~~ 303.68	303.24
3+22		x ~~302.24~~ 303.0	301.92
3+70	BREAK	x ~~301.0~~ 301.50	300.60
4+10 / 4+20	BREAK	x ~~299.0~~ 299.5 299.04 (changed grade)	298.60
4+60 = N. end of curb		295.08 = Paving grade	295.15
4+90 = S " " " inlet		292.95 " - "	~~293.10~~ 293.75

294.10

284.00 / 12.73 / 296.73 / 0.17 / 296.56 / 11.50 / 308.06 / 0.93 / 307.13 / 4.56 / 311.69 / 7.98 / 303.71 / 4.01 / 307.72 / 12.15 / 295.57 / 3.44 / 299.01 / 13.10 / 285.91 / 0.96 / 286.87 / 12.92 / 273.95 T.P. / 1.01 / 274.96

284.00 / 12.28 / 296.28 / 10.08 / 296.20 / 13.08 / 309.28 / 7.27 / 302.01 / 1.19 / 303.20

284.00 / 13.04 / 297.04 / 0.18 / 296.86 / 12.40 / 309.26 / 2.65 / 306.61 / 2.81 / 303.42 / 2.19 / 300.23 / 0.66 / 300.89



W 304.80 / 3.26 | 308.00 / 3.69 / 2.90 / +0.79 | 308.60 / 3.09 / 2.77 / +0.32 | 307.90 / 3.79 / 3.77 / +0.02 | 307.20 / 4.49 / 4.43 / +0.06 | 305.96 / 5.73 / 5.62 / +0.11 | 304.72 / 6.97 / 6.47 / +0.50

E 304.33 / 3.73 | 308.0 / 3.69 / 2.69 / +1.0 | 308.60 / 3.09 / 2.09 / +1.0 | 307.90 / 3.79 / 2.79 / +1.0 | 307.20 / 4.49 / 4.63 / -0.14 | 305.88 / 5.81 / 5.63 / +0.18 | 304.56 / 7.13 / 6.13 / +1.0

W x 303.48 / 8.21 / 7.20 / +1.01 | x 302.24 / 5.48 / 3.93 / +1.55 | x 301.0 / 6.72 / 6.20 / +0.52 | x 299.0 / 8.72 / 8.07 / +0.65 | 295.08 / 3.93 / 3.79 / +0.14 | 292.75 / 6.26 / 10.11 / -3.85

E 303.24 / 4.45 / 4.43 / +0.05 | 301.92 / 5.80 / 5.85 / -0.05 | 300.60 / 7.12 / 7.26 / -0.14 | 298.60 / 9.12 / 9.22 / -0.10 | 295.15 / 3.86 / 2.46 / +1.4 | 293.10 / 5.91 / 4.62 / +1.29

cb 295.60 / 3.41 / 3.79 / -0.38 | 293.75 / 5.26 / 10.11 / -4.85 | 293.75 / 5.26 / 4.55 / +0.71

Hood Box 288.75 / 10.26 / 10.11 / +0.15 | 10.73 = rod / 276.14 = Elv. stub / 273.87 / +2.27 | 259.0 / 15.96 / 11.16 / +4.8

295.60 / 7.60 / 7.99 / -0.39 | 293.75 / 9.45 / 8.75 / +0.70 | 293.10 / 10.10 / 8.75 / +1.35 | 293.77 | 288.75 / 14.45 / 13.52 / .93

W 308.0 / 1.76 / 0.95 / .81 | 308.60 / 0.66 | 307.90 / 1.36 | 307.20 / 2.22 | 305.96 / 3.26 | 304.72 / 4.70 | 303.48 / 5.94 / 4.92 / +1.02 | 302.24 / 7.18 / 5.93 / +1.25

E 308.0 / 1.76 | 308.60 / 0.66 | 307.90 / 1.36 | 307.20 / 2.22 / 2.29 / -0.07 | 305.88 / 3.54 | 304.56 / 4.86 / 3.85 / +1.01 | 303.24 / 6.18 | 301.92 / 7.58

W 301.0 / 8.42 / 7.87 / +0.55 | 299.0 / 1.79 / 1.17 / +0.72 | 295.08 / 5.81 / 5.67 / +0.14 | 292.75

E 300.60 / 6.82 / 8.95 / -0.13 | 298.60 / 2.29 / 2.39 / -0.10 | 295.15 / 5.74 / 4.34 / +1.4 | 293.10 / 7.79 / [illegible] / 1.35 / 7.79

293.75 Top curb S end alley

11/7/27 Sewer Const. Spruce & Columbia

SE Spruce & Indiana 86.00 12.26 98.26 98.08 10.92 109.00 107.73 = Rock TP 4.29 112.02 12.52 99.50 3.29 102.79

MH Indiana ST = 0 0	81.16	
0 + 54.25	85.72	13.32 / 9.96 / +3.36
1 + 08.5	89.08	9.58 / 5.06 / +3.72
1 + 62.75	93.0	5.52 / 0.90 / +4.52
2 + 17 – BREAK	97.0	12.00 / 7.50 / +4.50
2 + 60	98.25	10.75 / 5.5 / +5.25
3 + 03 = D.E.	99.5	9.50 / 4.68 / +4.82

curb grades

N 86.35 / 12.11 — 90.5 / 7.95 — 94.67 / 3.79 — 98.84 / 10.16 — 101.34 / 7.66 (PVC) — 102.72 / 6.28 — 103.53 / 5.47 (EVC)

S 86.35 — 91.40 / 7.46 (0+62) — 94.17 / 4.29 — 98.08 / 0.38 — 100.42 / 8.58 — 101.72 / 7.26 — 102.53 / 6.47

N 104.0 / 5.00 — 105.0 / 4.00 — 105.59 / 3.41 — 40° 52' 15 / 90° 44' 40 / 110° 36' 45 chords = 5.75 / 19° 29' 00 / cb R = 33.85

S 103.0 / 6.00 — 104.0 / 5.00 — 104.5 / 4.5 — 105.0 / 4.0 — 105.5 / 3.5 — 106.0 / 3.0 Not set — 106.2 / 5.83 / 102.6 / 4.62 = Top cb inlet = WL STATE

L 106.18 / 2.82 — 106.77 / 2.23 — 107.36 / 1.64 — 107.60 = PC / 1.40 — 108.0 / 1.00 = EC Top cb inlet

109.0 5.94 114.94 0.35 117.90 6.52 124.42

NE Cor Spruce & IBIS = 109.00 / 5.92
WL angle = 115.30 / 2.65
EL " = 116.10 / 1.85
SE Cor Spruce & IBIS = 107.0 / 5.02 6' E = 108.08 / 3.92
SL Sasafrass W = 110.92 / 1.5
E = 124.0 / 0.52 / 3.52 / – 3.0

106.2 / 107.79 / 3.41 / 7.27 / – 0.68

Cb inlet #1	Flowline Box	101.0 (112 / 3.02 / +8.00) 14.52 / 4.02 / +10.15
" " #2	" "	97.50
" " #3	" "	95.10 (7.69 / 4.14 / +3.55)

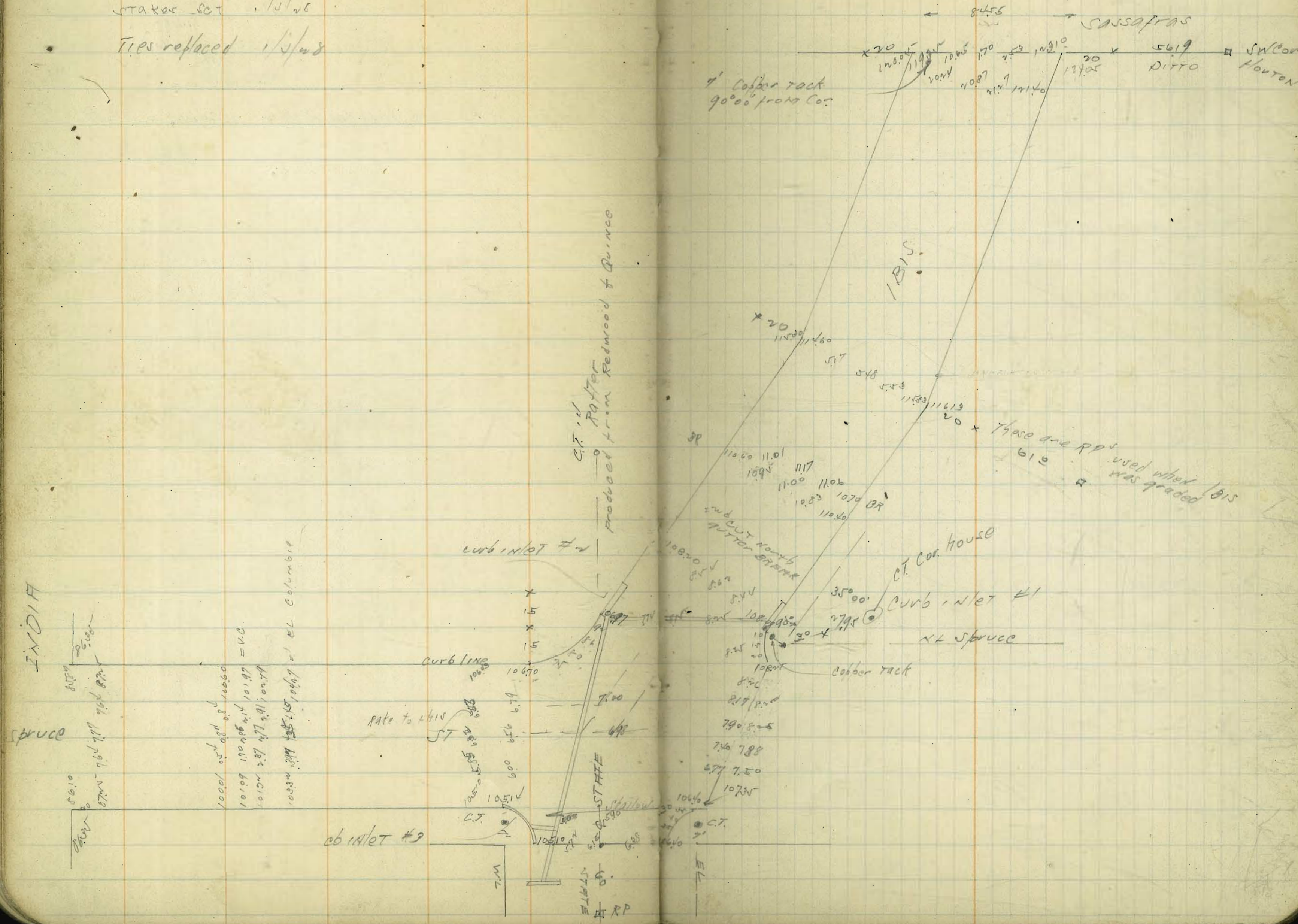
Junction cb inlet #3 with storm drain #2 flowline = 94.85 (7.94 / 2.86 / +5.50)

Flowline outlet = 94.00 (8.79 / 8.88 / – 0.09)

Spruce + Ibis St
Paving

Stakes set 1/1/26

Ties replaced 1/5/28



11/10/47 Moore

Hickory ST Culvert

NEBP Hickory Hortensia

cb inlet #1 Top curb	241.26	
" " flowline of Box	237.0	+4.25
cb inlet #2 Top curb	240.63	
" " " flowline Box	235.63	+5.0
Junction Box flowline = 0+00	234.0	+8.25
0+55 = angle	233.49	+11.22
1+07 = BREAK	233.0	+6.90
1+27.64 = angle	229.07	+8.75
1+75 = BREAK	220.0	+5.45
2+13.01 = outlet	~~218.5~~ 216.5	+0.73

cb. grades Hickory 249.0 246.2 238 242.6 241.8 241.4 −0.43

Culvert #6 & #8

E. Curb inlet #8 Top curb	224.07	
" " " Box flowline	220.0	+4.2
W cb inlet #6 Top curb	224.17	
" " " Box flowline = 00	218.0	+8.8
0+50 = BREAK	214.0	+6.11
0+94	198.75	+6.2
1+38 = outlet	183.50	+0.5

Culvert #7

Curb inlet #7 Top curb	222.60	
" " Box flowline = 00	218.40	+4.2
0+45 = BREAK	216.0	+4.2
0+77.5	201.0	+5.6
1+10 = OUTLET	186.0	+0.7

Culvert #4 + 5

cb inlet #4	224.14	
" " Box flowline = 00	222.0	+3.43
0+26 = BREAK	202.0	+3.4
0+35 Junction of #4 + #5	199.60	+0.9
0+60 = BREAK	188.0	+1.3
0+95 = "	166.0	+4.3
1+32	153.65	+1.4
1+73 = outlet	141.30	+0.4
cb inlet #5	225.40	
00 = cb " Box flowline	222.0	+2.63
0+07 = BREAK	220.0	+4.8
0+21 = "	207.2	+14.7
0+45 = Junction	199.6	+0.9

Culvert #10

cb Top inlet	~~216.35~~ 215.0		
" = 0+00 " Box flowline	209.85	208.50	+6.4
0+59 = BREAK	189.0	+6.4	
0+83 = outlet	182.50	+2.1	

Culvert #9

cb inlet #9 Top curb	236.18	
00 = " " Box flowline	231.90	+4.25
0+36 = BRK	219.0	+3.05
0+60 = "	~~210.00~~ 207.5	+2.5
0+91 = "	189.0	+4.3
1+17 = outlet	181.50	−0.1

197.66 197.81 184.95 185.64 172.60 173.95 160.87 161.14 148.66 150.75 196.24 191.07 191.60

11/18/17

Whitman St. Curbs — Dennis Contr.

Moore Trias to Hortensia 2474 = Car Hoov

2249.01 NE cor Trias + Whitman

	00	+50	1+00	1+15 PVC	1+30 PC	EVC 1+45	PC 1+96	2+00 Return
N cb	249.0 / 7.08	247.08 / 4.00 / 3.50 / +0.5	244.6 / 5.92 / 3.92 / +2.0	244.58 / 6.50 / 5.00 / +1.2	243.77 / 7.31 / 6.61 / +0.70	242.50 / 8.58	237.40 / 4.25	237.0 / 3.65

S cb 100' cb N.O.K. cb = 244.66 / 6.42 — 244.08 / 7.0 / 5.5 / +1.5 — 243.20 / 7.88 / 7.38 / +0.5 — 242.11 / 8.97 / 8.47 / +0.5 — 237.0 / 3.65 cb

Avista grades

55 BREAKS

	NE Hickory	51	0+50					
W cb	229.0	230.0 / 7.12	232.0 / 5.12	232.9 / 4.22	233.6 / 3.5	234.0 / 3.02	234.4 / 2.72	234.5 / 2.62

234.3 / 2.82 — 233.9 / 3.22 — 233.3 / 3.82 — 232.0 = NE Chestnut

231.0 / 6.12 / 6.12 / 110' SE Cu

2232.00 / 5.12 / 237.12 / 5.66 / 231.46 / 0.13 / 233.59

Culvert #11

cb inlet Top curb sedge 230.20 / 7.12 / 223.08 H.O. — 230.67 / 6.45 / 4.2

" " FL = 222.0 / 1.212 — 61.2 / 6.0 = FL Box

0+41.67 0+58.33 1+25 = OUTLET

2249.01 / 3.59 / 2251.60 / 5.58 / 2253.02 / 0.84 / 2243.86

223.83 / 13.3 / 3.6 / +9.7 — 222.67 / 10.92 / 1.0 / +9.2 — 221.50 / 12.09 / 10.9 / +1.19

	00	+50	1+00	1+15 PVC	1+30	1+45 EVC	1+96	2+00
N cb Whitman	249.0	247.33 / 3.47	245.66 / 5.94	245.16 / 6.44	244.38 / 7.22	243.02 / 8.58	237.43 / 6.23	237.0 / 6.4

Gregory 12/30/17 by C.S. Moore

1.0 cross fall 100' E of Trias

244.08 / 5.78 — 243.20 / 6.66 — 242.11 / 7.75

251.06 / 6.19 / 247.25 / 1.395 / 244.00 / 2.34 / 246.34

2251.06 NW Hickory Whitman 6x

ALOHA Pl. curb grades

WL Aloha / for nail paving

		PC				PRC		
253.0 / 3.5	252.0 / 4.8	251.37 / 4.91	250.75 / 5.53	250.14 / 6.16	249.50 / 6.78	247.75 / 5.53	246.0 = cb Cur / 10.2

	EC		PC					cb
245.0 / 11.38	244.0 / 12.58	243.70 = PC / 5.15	242.40 / 3.45	242.10 / 3.75	241.74 / 4.11	241.37 / 4.28	241.0 / 4.85	239.5 / 6.35

#1	#2	#3
7° 13' 26"	7° 10' 20"	16° 18'
14° 26' 52"	14° 41'	29° 20' = cb Culv. #12
21° 40' 18"	21° 21' 50"	32° 36' = end of opening
28° 53' 46"	28° 42'	51° 27'
Δ = 57° 47' 32"	Δ = 57° 24' 00	70° 17'
cb R = 49.9	cb R = 42.48	89° 08'
T = 23.72	T = 23.26	cb R = 55.15
cb ch = 10.81	cb ch = 10.61	
	LC = 40.80	

Culvert #12

Box: 235.90 / 11.65 / 4.175 / 47.90 — Outlet: 223.20 / 17.62 / 9.82 / +3.1

Culvert #13

245.55 / 10.99 / 233.56 — 2.16 / 238.12 / 3.45 / 234.67 / 1.3 / 246.68

231.1 / 4.02 / 4.06 Chamfer Low — FL BOX — 4.06 / 2.45 / 4.35 — 4.06 / 10.04 / 6.01

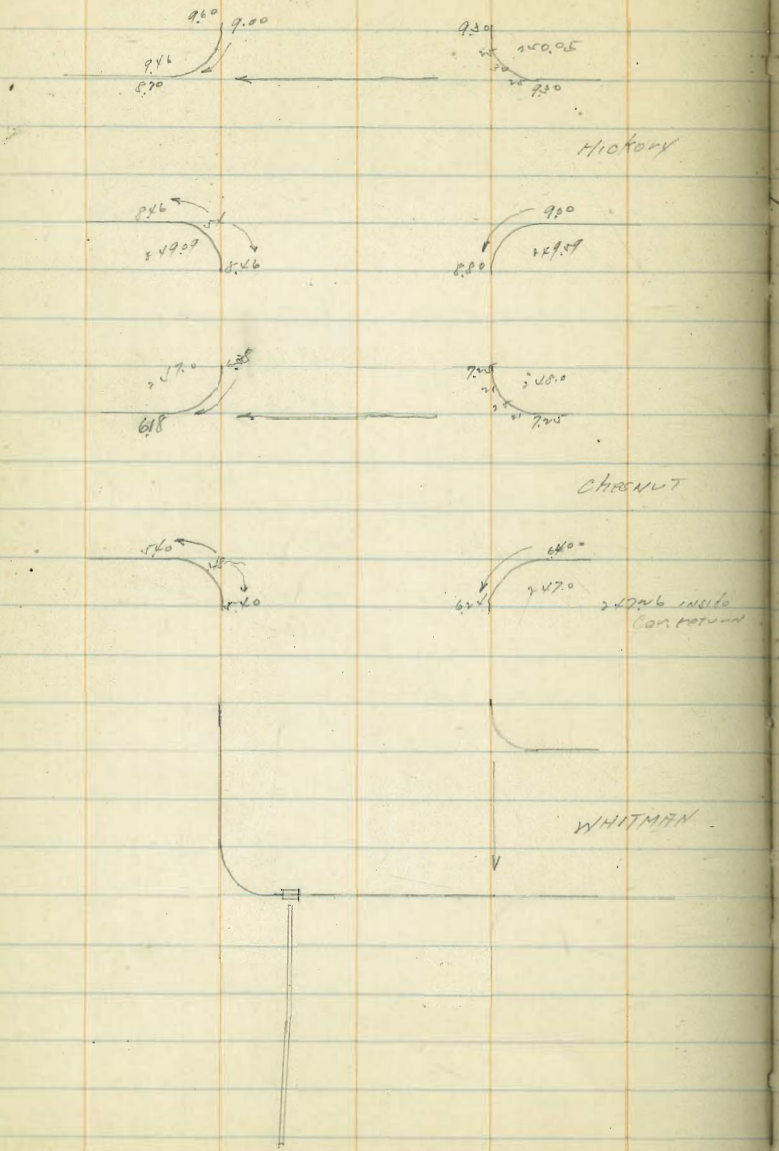
227.50 / 10.62 / 4.06 / +6.56

215.80 = OUTLET / 10.88 / 9.7 / +1.18

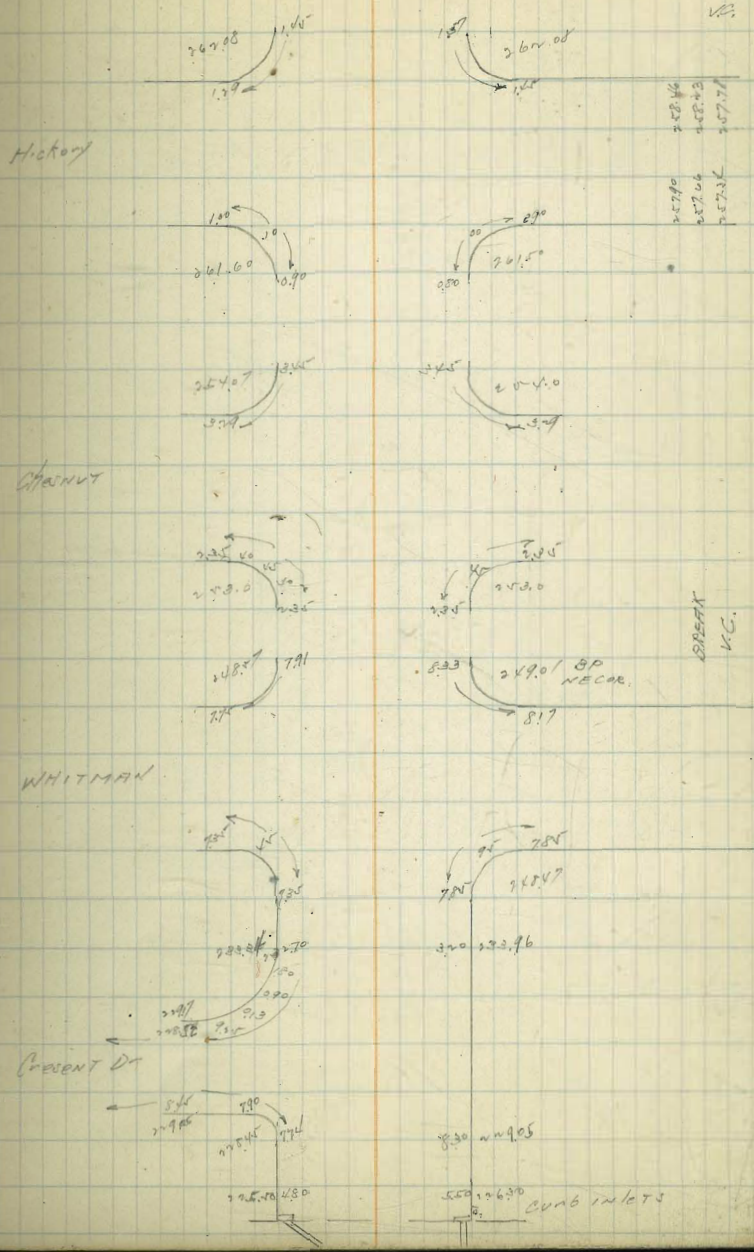
		PC				PRC		
253.02 / 4.21	253.0 / 4.2	252.0 / 5.2	51.37 / 5.88	50.75 / 6.50	50.12 / 7.13	49.50 / 7.75	47.75 / 9.50	246.0 / 11.25

	EC	PC						
245.0 / 12.25	244.0 / 13.2	243.70 / 3.64	42.40 / 3.94	42.10 / 3.24	41.74 / 4.60	41.37 / 4.97	41.0 / 5.34	39.50 / 6.84

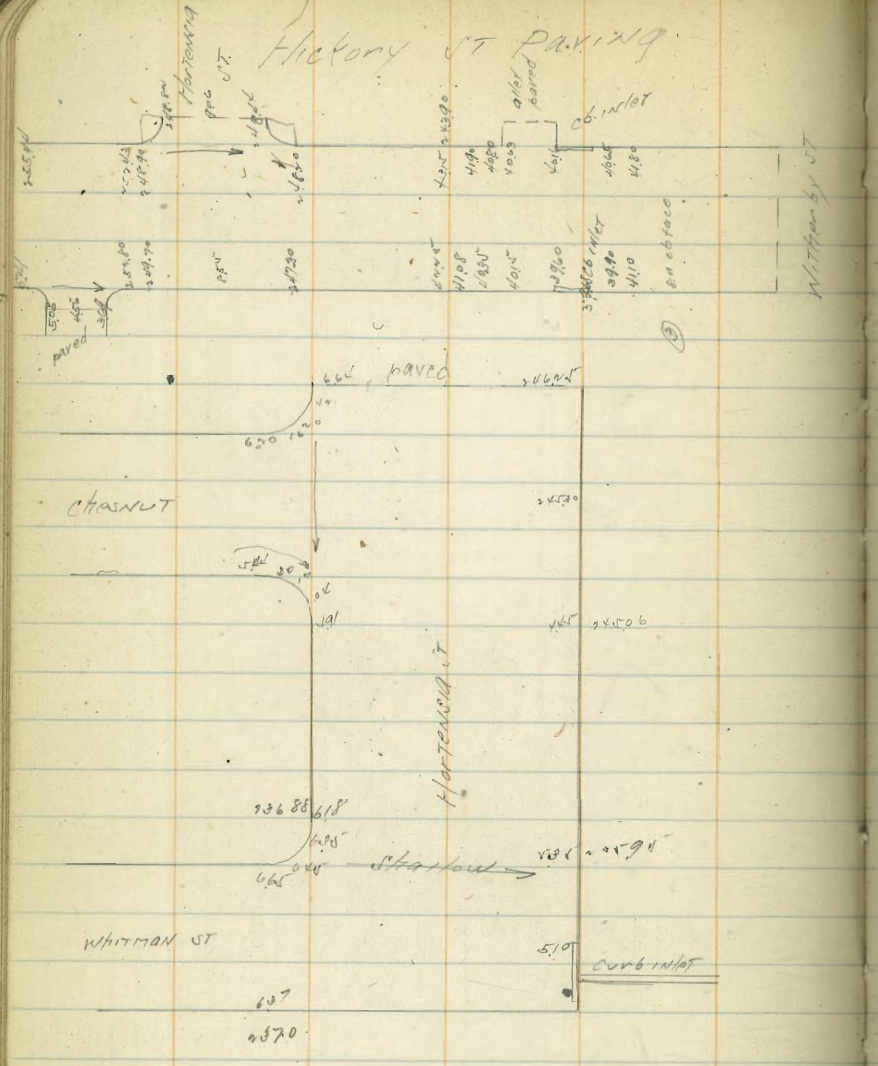
AMPUDIA ST PAVING



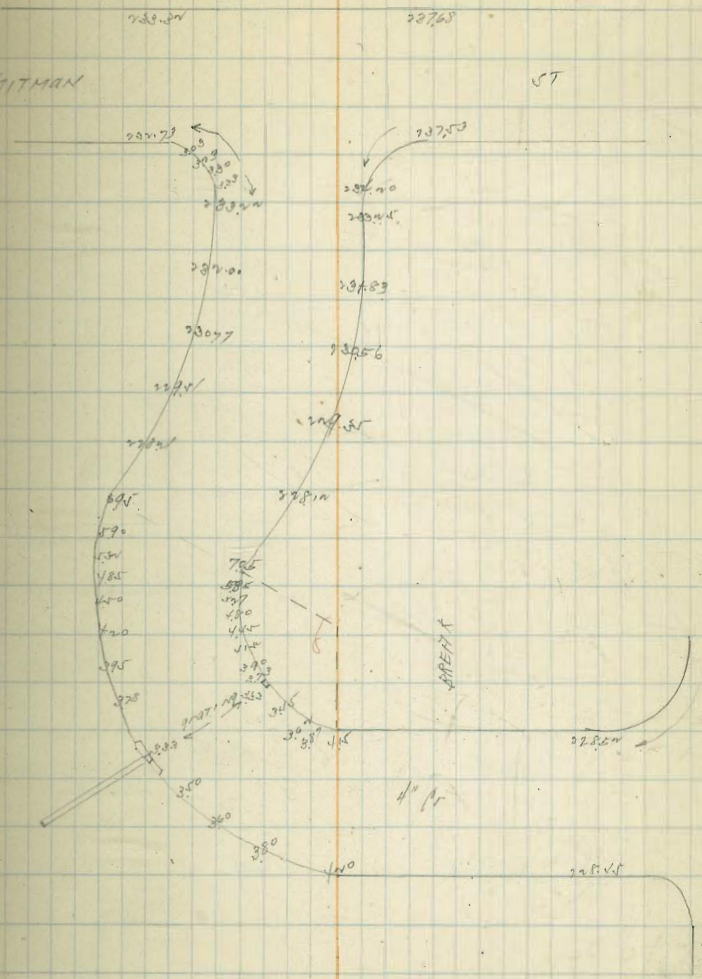
TRIAS ST PAVING



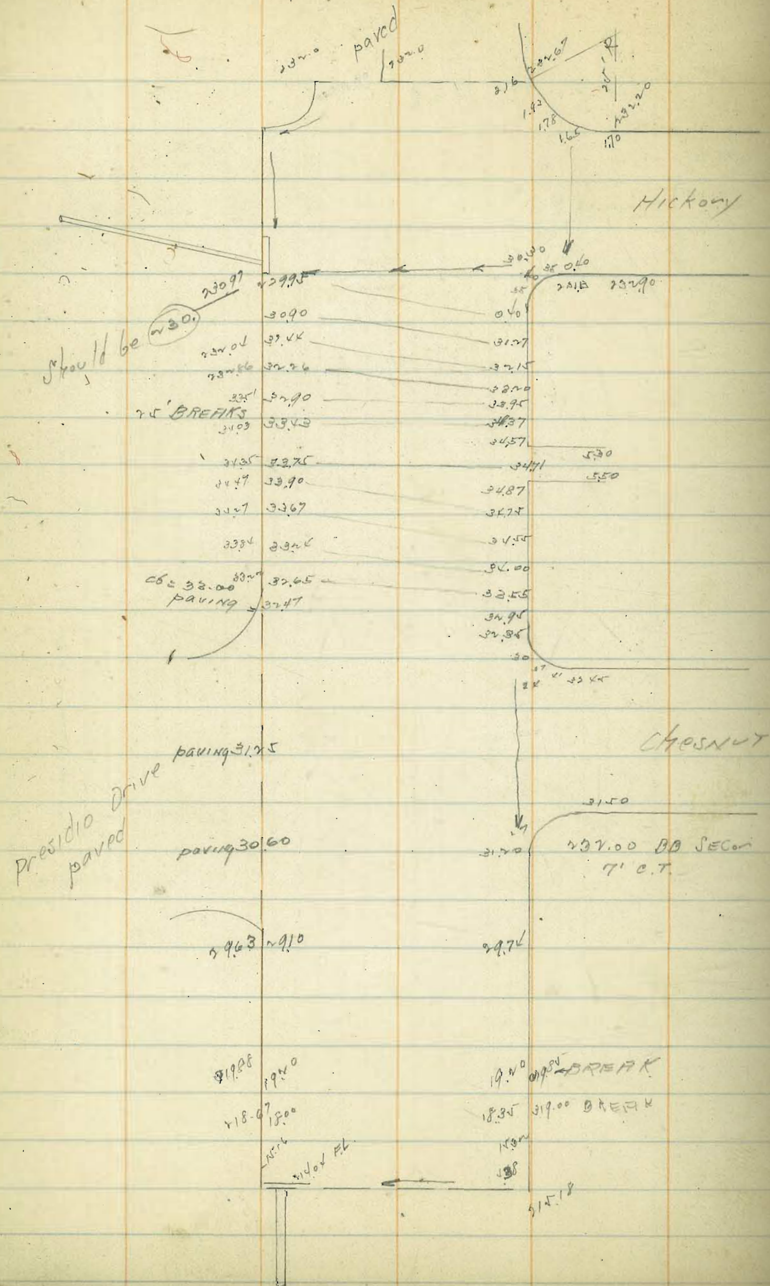
Factory St Paving.



Crescent Drive Paving.



Arista St. Paving



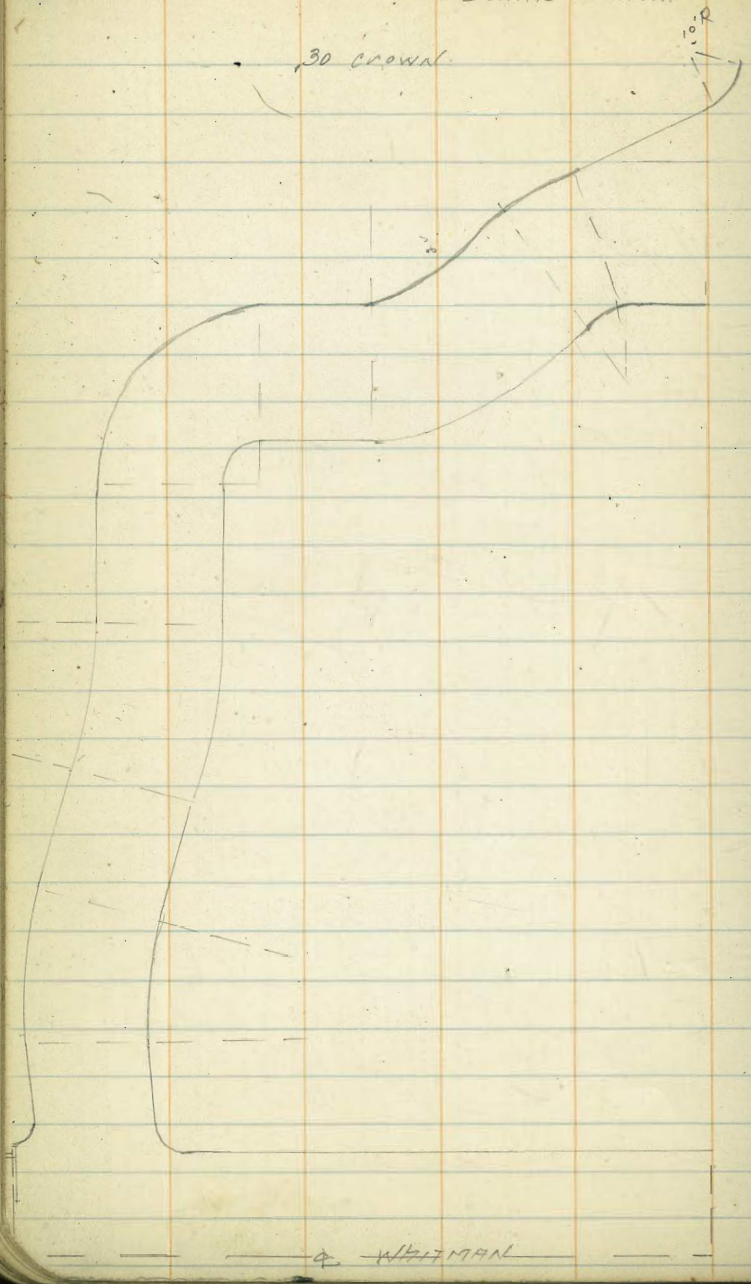
230.97 Top curb Sedge cb inlet
4.39
235.36

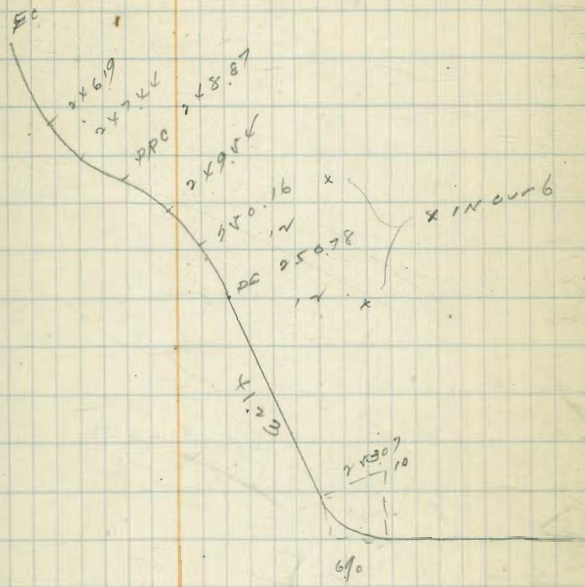
N edge cb inlet

230.97 / 4.39 — 231.60 / 2.76 — 231.94 / 3.44 — 3' fall — 234.00 = paving / 3.36

ALONA PLACE

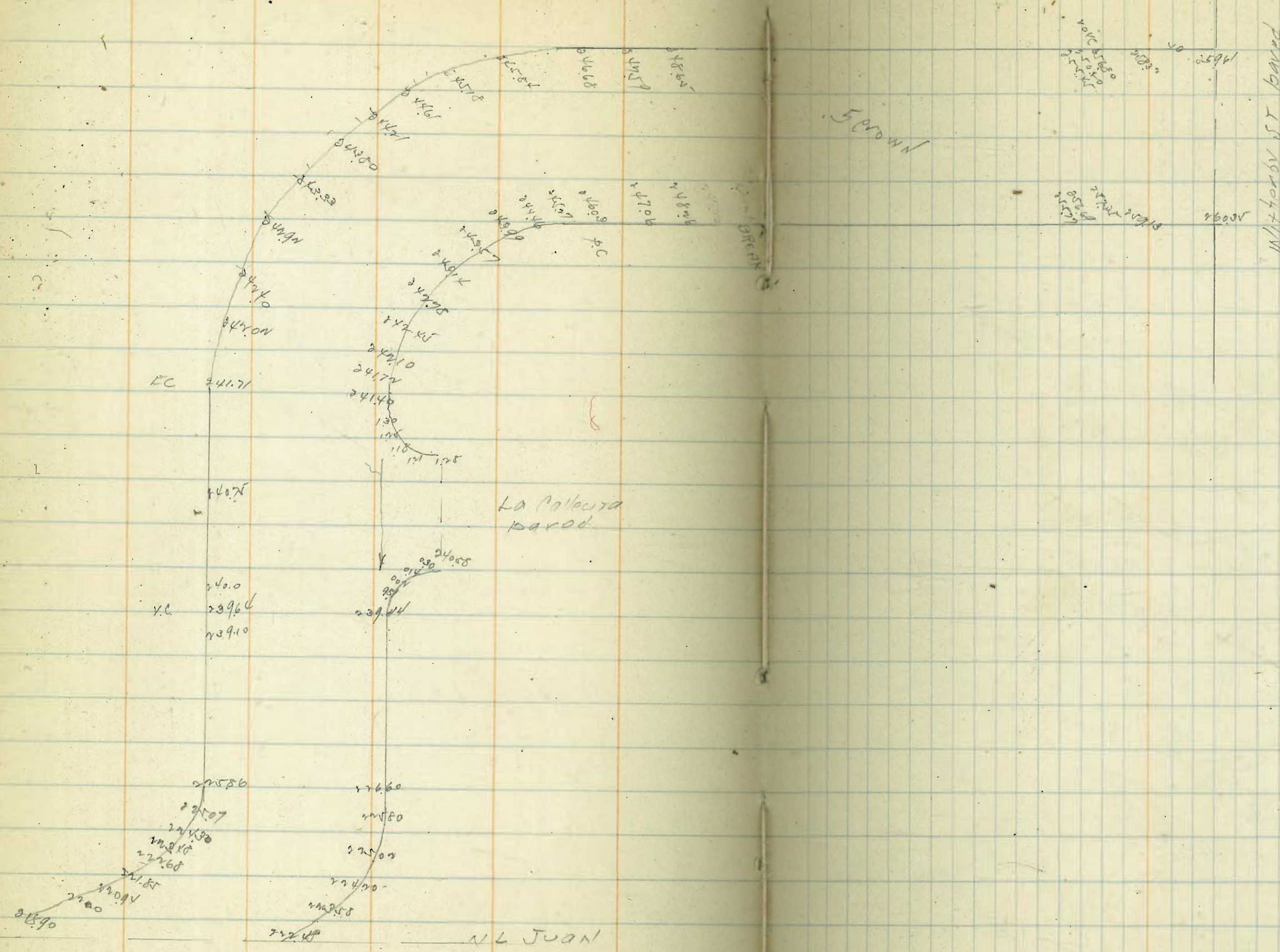
DENNIS CONTR.





11/29/27 Longview Road Paving

Dennis Co



11/4/47 ALABAMA ST Culverts

Moore

Station	Elev.	Notes
Curb inlet #1 = 0+00 = NL Univ. (Miss.)	268.0	
0+07 = PC	267.75	
0+38.4 = EC	266.63	
0+62.4 = Type A Cleanout	265.80	cb. inlet #2 267.50
1+02.4	264.36	
+42.4	262.93	
1+82.5 = BREAK	261.50	
2+35.6	259.75	
2+88.9 = JUNCTION = Δ90°	258.0	cb. inlet #3 259.0
3+27.9 = " Culv. #4	256.93 Left out	" " #4 258.0
3+31 = " " #5	256.80 Left out	" " #5 257.20 = R
3+38.9	256.64	
3+88.9	255.28	
4+38.9	253.92	
4+88.9	252.56	
5+38.9	251.20	
5+88.9	249.84	
6+38.9	248.48	
6+92.6 = Junction Culv. #7	247.0	
Curb inlet #8		
" " #6	250.0 = R	
" " #7	249.0 = R	
7+50	246.32	
8	245.72	
+50	245.13	
9	244.53	

Rob. & Ala. NWBP

Station	Elev.	Notes
9+50	243.94	30' Radius
9+86 = NL Rob. ¢ cleanout = PC	243.50	
10+09.56 = Center Curve	243.19	
10+33.12 = EC	242.88	
+64.9	242.50	
11+02.4 = OUTLET	242.0	

Culvert #8

Landis Alabama 245.52 SEBP

Station	Elev.	Notes
cb inlet #9	240.0	10.40 = R
" " #10	238.0	= R
" " #11	235.0	on curb
CONN. EX Culvert	236.0?	ex. pipe

Culvert #9

Station	Elev.	Notes
cb inlet #12	240.0	one 6 ¢
" " #13	239.0	= Radius
OUTLET	226.0	N.G. plan = Elev 234.0

Sewer Const. at Dwight St & Alabama St

255.96 NE Dwight Alabama

Station	Elev.
D.E. = 0+00	249.30
0+32.5	248.15
0+65	247.0

259.50 / 5.06 / 264.56

160 / 4.56

251.10 / 4.57 / 2.47 / -0.66 / -0.50 = set

251.50 NWBP Myrtle Alabama 255.97

Alabama Paving

.57 crown

Finished staking 7/19/18
Moo-o

St. Univ. — Ave.

263.17 — 266.35 — 263.15 = 6" crown

255.65 — 6.54 — 6.90 — 6.79 — 256.18 = 1" crown — used 255.55 for gutter

255.90 — 5.80 — 6.43 — 6.15 — 255.10 — F.L. curb inlet

1.00 crown — 255.80 Top of 12" Sewer — 255.0

Elv. paving 256.24 / 255.8 / .44 diff.

& Line

.41 / 5.50 = .68 crown — Wightman

Top in Sewer = 254.36

255.63

F.L. Cb inlet — 255.0 — 5.65 — 5.17 — 5.15 — 255.54 — 255.53 = BM

.60 crown — F.L. curb inlet — 255.0

Top paving = 255.90 / 254.36 / 0.54 diff. / .30 below paving

12" Sewer

BM 258.0

make 6" cr.

7.85 — 7.91 — 8.26 — 8.39 — 8.30 — 259.03 — figured for 0.40 crown

8.16

Robinson

7.93 — 8.00

8.03

7.90 — 258.59
7.75 — 258.50
7.84 — 258.17

257.50 — 6.85 — 9.40 — 7.74 — 7.86

244.68 — 245.0 — 5.59 — 4.96 — 5.14 — 245.05 — 245.80 — curb inlet

Curb inlet — 249.67

244.75 — 5.60 1.5 H

248.74 — 4.80 — 5.76 2.0 H Landis — 5.05 1.5 H

curb inlet 244.80

244.54 — 243.94 — 4.46 — 4.77 — 4.87 — 244.75 — 245.54 = BM

248.07	7.45	8.00	8.23	8.43	8.34	249.07	
248.70	8.08	8.63	8.96	9.06	8.95	249.70	
249.00	8.48	8.85	9.20	9.34	9.25	250.00	
249.13	8.50	9.05	9.38	9.49	9.38	250.13	
249.17	7.60	9.15	9.48	9.58	9.47	250.17	
249.01	8.40	8.86	9.21	9.34	9.25	250.01	
248.58	7.90	8.36	8.80	8.92	8.53	249.58	

20' BREAKS — 115' — 20' BREAKS

245.58 — 4.60 — 5.16 — 5.51 — 5.64 — 5.55 — 246.34 — BREAK at N. Line — 15' N. of

244.75

243.78 — 5.61 — 5.08 — 5.40 — 4.95 — curb inlet

244.54 — 244.60 — curb inlet — 5.05

4.94 — 4.50 — 4.30 — 4.90 — 4.60 — 4.20 — 5.33 — 5.34 — 30 — 5.20 — 35

Cypress

.50 crown figured South of this line & changed to .44 crown when staked

5.80

245.91 — 30

246.00 — 5.35 — 5.97 — 6.04 — 6.44 — 6.25 — 247.0

255.47 — 255.50 / 255.45 — 254.88 — 5.47 — 5.54 — 5.5 — 255.26 — 255.96 = BM

5.4 — 255.40

.48 — 5.79

255.0 — 5.48 — 5.75 — .84 — .87 — 5.94 — Dwight

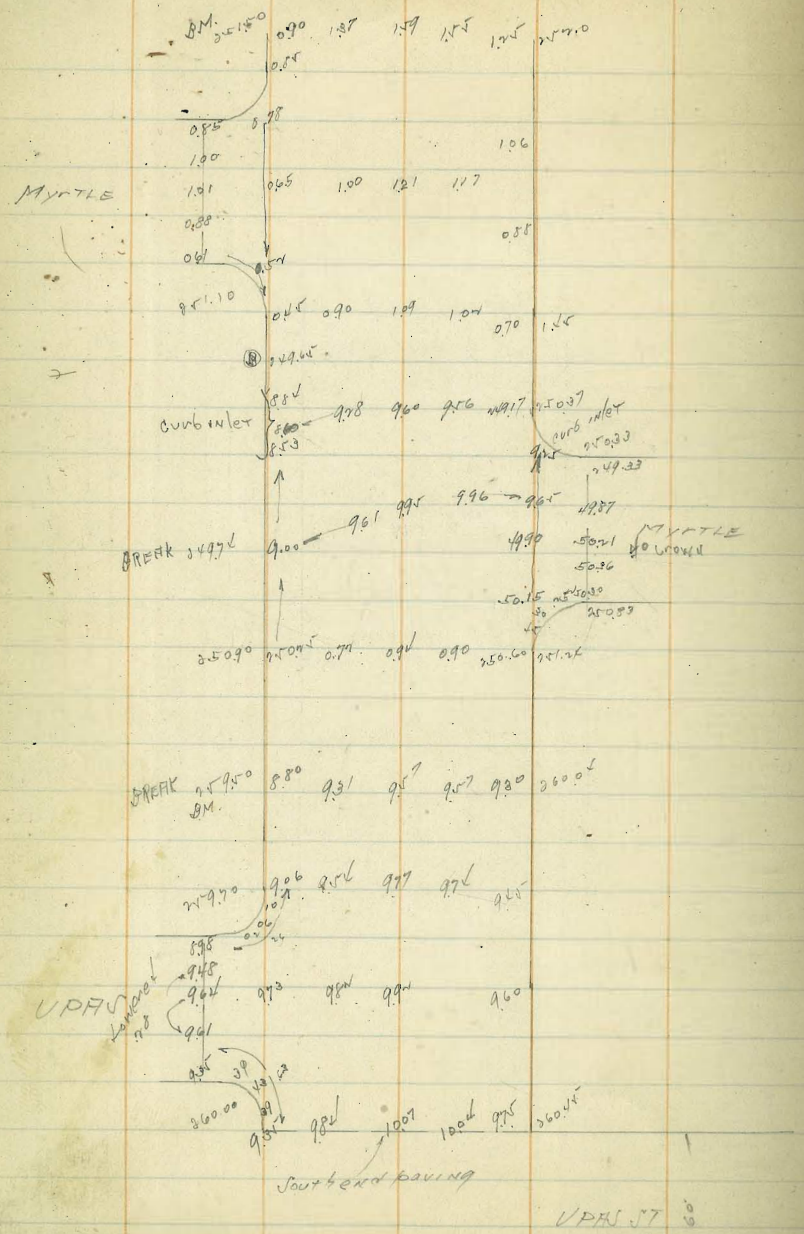
.98 — 5.79

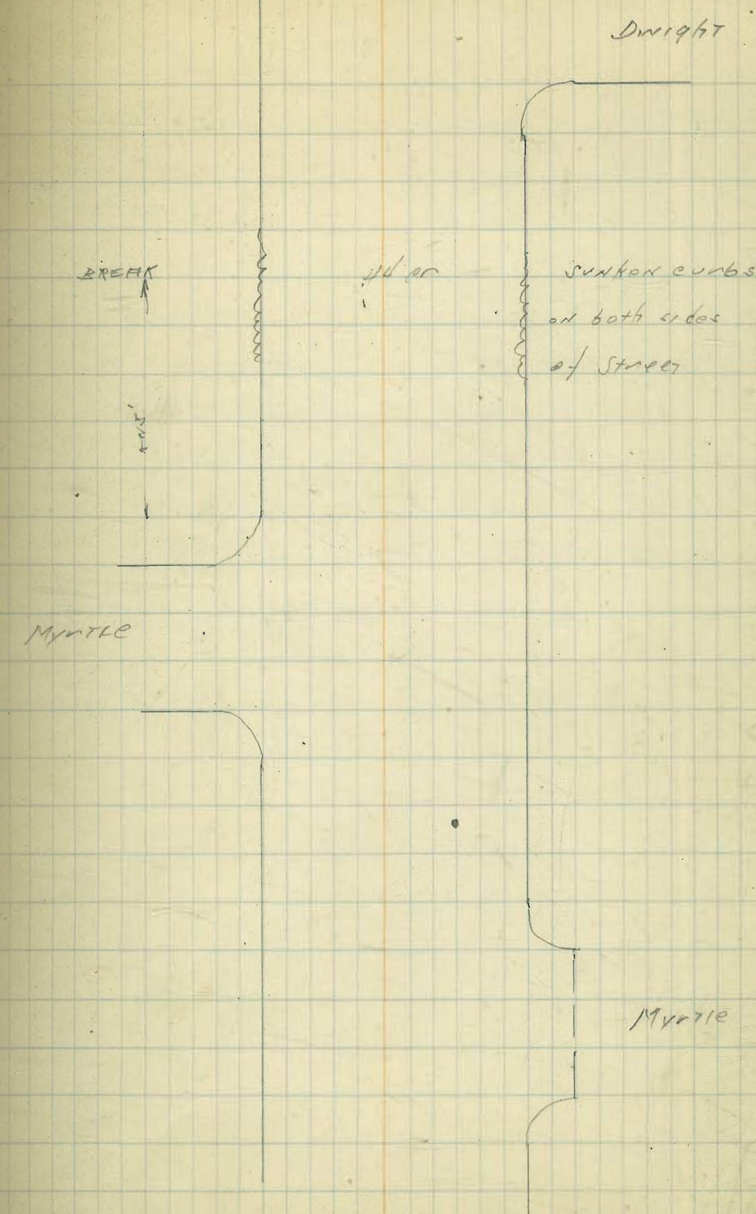
.54 — 255.40

255.45 — 255.85 — 5.35 — 5.57 — 5.48 — 255.46 — 256.01

Alabama St Paving

~~Crown~~ Set to 5" Cr





Capps St Paving

28th to Ray St — Griffith Co

		SCB	NCB
E L 30th		335.38	335.90
30' E		335.23	335.75
60'	BREAK	335.08	335.60
80	"	334.95	335.45
100	"	334.70	335.20
120	"	334.20	334.70
150	"	333.60	334.10
170		332.60	333.09
200 = W L RAY		331.60	332.08

336.65 = S.E. MON.
3.17
339.82

S	35.2 / 4.4 / 2.7 / +1.7	35.3 / 4.5 / 2.8 / +1.7	35.1 / 4.7 / 3.1 / +1.6	34.9 / 4.9 / 3.9 / +1.0	34.4 / 5.4 / 4.2 / +1.2	33.8 / 6.0 / 4.9 / +1.1	32.8 / 7.0 / 5.8 / +1.2	31.60 = c6 / 8.20
N	35.9 / 3.9 / 2.9 / +1.0	35.8 / 4.0 / 3.0 / +1.0	35.6 / 4.2 / 3.6 / +0.6	35.4 / 4.4 / 3.4 / +1.0	34.9 / 4.9 / 4.8 / +0.1	34.3 / 5.5 / 5.2 / +0.3	33.3 / 6.5 / 6.3 / +0.2	32.08 = c6 / 7.72

335.42 SEDP
5.45
340.87

30th St

S.E. Mon'
336.65

335.38	4.95	5.27	335.90
	4.68	5.10	
35.08	4.41	4.93	35.60
34.95	4.28	4.78	35.45
34.70	4.03	4.53	35.20
34.20	3.53	4.03	34.70
33.60	2.93	3.63	34.10
	1.96	2.42	
331.60	1.02	1.42	332.08

Ray St

1/11/28
Moore

Polk Ave paving
Iowa to 32nd

6" Conc. oil color
8" curb face
6" crown

Lakeside Const. Co

Iowa St

paved

356.96 | 356.46 | 356.58 | 356.73 | 356.78 | 356.46 | 356.26 | 355.96 | 356.64

.04L .07L 0K .13L .05H

4/17/28

℄ staked

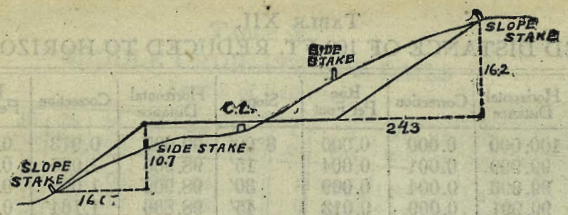
353.70 | 353.09 | 353.31 | 353.61 | 353.60 | 353.55 | 353.08 | 352.90 | 353.50

.02H .07H 0K .08H .07L

32nd paved

SE B.P. 353.04
6.26
359.30

IMPROVED TABLES
AND
INFORMATION



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING.

SLOPE 1½ 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

Computed by L. Leland Locke.

So. Santa Cruz Inc Co. Tacks.

80
38
48

Chats
Elli
Dumas
Curtiss ✓
Brown ✓
Alcott
Zola
Yonge
Zenophon
Whittier

Voltaire
Udall

61 64 SL

60 61 NL

251 Wilcox
Monroe

101
41
5
1468
7
1435

150.35
4.9
145.45
101.
40
5

74.88
69.35
5.53

12
18
25
31.5
38

284.96
2.93
282.03

34.3
17.1
51.

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6
4.7124
6 2 8 3 2
3 | 67.544
3 3.77

65
30
80
40
40
25
300