

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

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

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

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except page # 49

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DIRECTIONS FOR USE OF TABLES

TABLE No. XIV

Distance of slope stake from side of roadway
stake for any width roadway, slope 1 1/2 to 1
If ground is nearly level, the cut or fill stake
may be marked by the center of the roadway

IMPROVED TABLES
AND
INFORMATION

TABLE No. VIII

To find E tangent and External for curve of
any other degree, divide by degree of curve and
add correction found in column of corrections
Degree of curve with a given I may be found
by dividing tangent (or external), opposite I by
E (or given tangent (or external))

The distance from a point on the tangent to
the curve is very nearly the square of the tangent
length divided by twice the radius

TABLE XIII—CORRECTIONS FOR TANGENTS AND EXTERNALS

These corrections are to be added to the approximate values, found by dividing the tangent, or external, for a 1° curve (Table VIII) by the degree of curve, in order to obtain the true tangents, or externals. Intermediate values may be obtained by interpolation.

FOR TANGENTS ADD

Central Angle	DEGREE OF CURVE													
	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°
10°	.03	.06	.09	.13	.16	.19	.22	.25	.28	.31	.34	.38	.42	.46
15°	.04	.10	.14	.19	.24	.29	.34	.39	.45	.51	.53	.58	.63	.68
20°	.06	.13	.19	.26	.32	.39	.45	.51	.58	.65	.72	.79	.84	.90
25°	.08	.16	.24	.33	.40	.49	.58	.67	.75	.83	.90	.99	1.06	1.14
30°	.10	.19	.29	.39	.49	.59	.69	.79	.89	.99	1.09	1.20	1.29	1.39
35°	.11	.22	.34	.47	.58	.69	.79	.81	.92	1.04	1.29	1.42	1.54	1.66
40°	.13	.26	.40	.53	.67	.80	.93	1.06	1.20	1.34	1.49	1.64	1.79	1.94
45°	.15	.30	.44	.60	.76	.91	1.06	1.21	1.37	1.52	1.70	1.87	2.04	2.21
50°	.17	.34	.51	.68	.85	1.02	1.19	1.36	1.54	1.72	1.91	2.10	2.29	2.48
55°	.19	.38	.57	.76	.95	1.14	1.32	1.52	1.72	1.92	2.14	2.35	2.56	2.77
60°	.21	.42	.63	.84	1.05	1.27	1.49	1.71	1.94	2.17	2.38	2.60	2.83	3.07
65°	.23	.46	.69	.93	1.16	1.40	1.64	1.88	2.13	2.38	2.63	2.88	3.13	3.39
70°	.25	.51	.76	1.02	1.28	1.54	1.80	2.06	2.33	2.60	2.88	3.16	3.44	3.72
75°	.27	.56	.83	1.12	1.40	1.69	1.98	2.27	2.57	2.87	3.16	3.47	3.78	4.09
80°	.30	.61	.91	1.22	1.53	1.84	2.15	2.46	2.78	3.10	3.44	3.78	4.12	4.46
85°	.33	.66	1.00	1.33	1.68	2.02	2.36	2.70	3.05	3.40	3.77	4.14	4.55	4.89
90°	.36	.72	1.09	1.45	1.83	2.20	2.57	2.94	3.32	3.70	4.10	4.50	4.91	5.32
95°	.39	.79	1.19	1.55	2.00	2.40	2.80	3.20	3.61	4.02	4.40	4.98	5.38	5.83
100°	.43	.86	1.30	1.74	2.18	2.62	3.06	3.50	3.95	4.40	4.88	5.37	5.85	6.34
110°	.51	1.03	1.56	2.08	2.61	3.14	3.67	4.21	4.76	5.31	5.86	6.43	7.01	7.60
120°	.62	1.25	1.93	2.52	3.16	3.81	4.45	5.11	5.77	6.44	7.12	7.80	8.50	9.22

FOR EXTERNALS ADD

Central Angle	DEGREE OF CURVE													
	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°
10°	.001	.003	.004	.006	.007	.008	.009	.011	.012	.014	.015	.017	.018	.020
15°	.003	.007	.010	.014	.018	.023	.027	.032	.037	.043	.049	.054	.061	.067
20°	.006	.011	.017	.022	.028	.034	.040	.046	.051	.057	.063	.070	.076	.083
25°	.009	.018	.027	.036	.046	.056	.065	.074	.083	.093	.106	.120	.127	.135
30°	.013	.025	.038	.051	.065	.078	.090	.103	.116	.129	.149	.170	.179	.188
35°	.018	.035	.054	.072	.086	.109	.131	.153	.175	.197	.213	.230	.247	.264
40°	.023	.046	.070	.093	.117	.141	.172	.203	.234	.265	.277	.290	.315	.341
45°	.030	.060	.093	.119	.153	.184	.216	.254	.289	.325	.351	.378	.411	.445
50°	.037	.075	.116	.151	.189	.227	.266	.305	.345	.384	.425	.467	.508	.550
55°	.046	.093	.142	.188	.236	.283	.332	.381	.420	.479	.530	.582	.641	.700
60°	.056	.112	.168	.225	.283	.340	.398	.457	.516	.575	.636	.697	.774	.851
65°	.067	.135	.204	.273	.343	.412	.483	.554	.625	.697	.771	.845	.922	1.01
70°	.080	.159	.240	.321	.403	.485	.568	.652	.735	.819	.906	.994	1.08	1.17
75°	.095	.182	.286	.383	.480	.578	.678	.777	.877	.977	1.07	1.18	1.29	1.39
80°	.110	.220	.332	.445	.558	.671	.787	.903	1.02	1.13	1.25	1.38	1.50	1.62
85°	.128	.259	.391	.524	.657	.790	.926	1.06	1.20	1.34	1.47	1.62	1.76	1.91
90°	.149	.299	.450	.603	.756	.910	1.07	1.22	1.38	1.54	1.70	1.87	2.03	2.20
95°	.174	.350	.522	.706	.885	1.06	1.25	1.43	1.62	1.80	1.99	2.18	2.38	2.58
100°	.200	.401	.604	.809	1.01	1.22	1.43	1.64	1.85	2.06	2.28	2.50	2.73	2.96
110°	.265	.536	.806	1.08	1.35	1.63	1.91	2.20	2.48	2.76	3.05	3.35	3.66	3.96
120°	.360	.721	1.08	1.45	1.82	2.19	2.57	2.95	3.33	3.72	4.11	4.50	4.91	5.32

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Roberts
Garber
Moore
Clark
1-5-50
W.O. #31581

Grades For Missouri St.

Gresham to Haines

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	Rough	curb			curb	Rough		
1+60 P.V.C.	8.24 <u>65</u> C 1.7	79.42 6.08 <u>527</u> C 0.81			78.79 6.71 <u>685</u> F 0.14	8.87 <u>93</u> F 0.4		
1+35		79.27 6.23 <u>523</u> C 1.00			78.60 6.90 <u>686</u> C 0.02			
1+10	8.52 <u>62</u> C 2.3	79.14 6.36 <u>549</u> C 0.87			78.41 7.09 <u>690</u> C 0.19	9.25 <u>94</u> F 0.1		
0+85		79.00 6.50 <u>570</u> C 0.80			78.22 7.28 <u>702</u> C 0.26			
0+60	2.23 <u>0.15</u> C 2.0	78.97 6.63 <u>597</u> C 0.66	T.P. 6.71	87.66	0.15	80.95	78.03 7.47 <u>718</u> C 0.29	3.07 <u>2.8</u> C 0.3
0+35		78.73 6.77 <u>586</u> C 0.91					77.84 7.66 <u>716</u> C 0.30	
0+10 E.S. cb.	2.50 .00 C 2.5	78.60 6.90 <u>649</u> C 0.91					77.65 7.85 <u>739</u> C 0.76	3.75 <u>27</u> C 0.8
0+00 E. Prop. Line Gresham	254 ✓	78.56 ✓					77.55 ✓	3.55 <u>326</u> ✓
TBM			3.54	77.56 *				
BM	0.73	81.10		70.37				
TBM	7.94	85.50		77.56 *				

SE 7' 4" x 1' No. 1 Gresham
N.W.B.P. Diamond & Gresham
curbs

Cont'd From Pg. 1

	Rough	curb		curb	Rough ²
3+30	6.59 44 C 22	85.50 81.07 4.43 3.48 C 0.95		80.57 4.93 4.78 C 0.15	7.09 70 C 0.1
3+05		80.77 4.73 3.54 C 1.19		80.27 5.23 5.00 C 0.23	
2+80 E.V.C.	7.19 54 C 1.9	80.47 5.03 4.04 C 0.99		79.97 5.53 5.32 C 0.21	7.69 669 C 1.0
2+60	7.41 57 C 1.7	80.25 5.25 4.43 C 0.82		79.74 5.76 5.71 C 0.05	7.82 7.9 F 0.1
2+40	7.63 61 C 1.5	80.03 5.47 4.82 C 0.65		79.52 5.98 6.23 F 0.25	8.14 86 F 0.5
2+20	7.81 62 C 1.6	79.85 5.65 5.10 C 0.55		79.31 6.19 6.52 F 0.33	8.35 91 F 0.7
2+00	7.98 64 C 1.6	79.68 5.82 5.30 C 0.52		79.13 6.37 6.65 F 0.28	8.53 9.5 F 1.0
1+80	8.11 66 C 1.5	79.55 5.95 5.34 C 0.61		78.95 6.55 6.89 F 0.14	8.71 93 F 0.6

85.50 curbs

87.66
Rough

Cont'd From Page 2

3

Rough Curb

Curb Rough

T.B.N

1.58 83.92 * N.E.R.P. Haines & Mo.

4+90 E.C. Cb
Haines

83.00
2.50
1.97
0.53

82.50
3.00
2.98
0.02

4+80

82.87
2.63
2.14
0.49

82.37
3.13
3.07
0.04

4+55

82.57
2.73
2.30
0.63

82.07
3.43
3.33
0.10

4+30

5.37
3.0
1.8
82.27
3.23
2.34
0.89

81.77
3.73
3.63
0.10 5.89
5.8
0.1

4+05

81.97
3.53
2.66
0.87

81.47
4.03
3.91
0.12

3+80

5.99
4.2
1.8
81.67
3.93
3.10
0.83

81.17
4.33
4.28
0.05 6.49
6.6
0.1

3+55

86.50
81.37
4.13
3.22
0.91

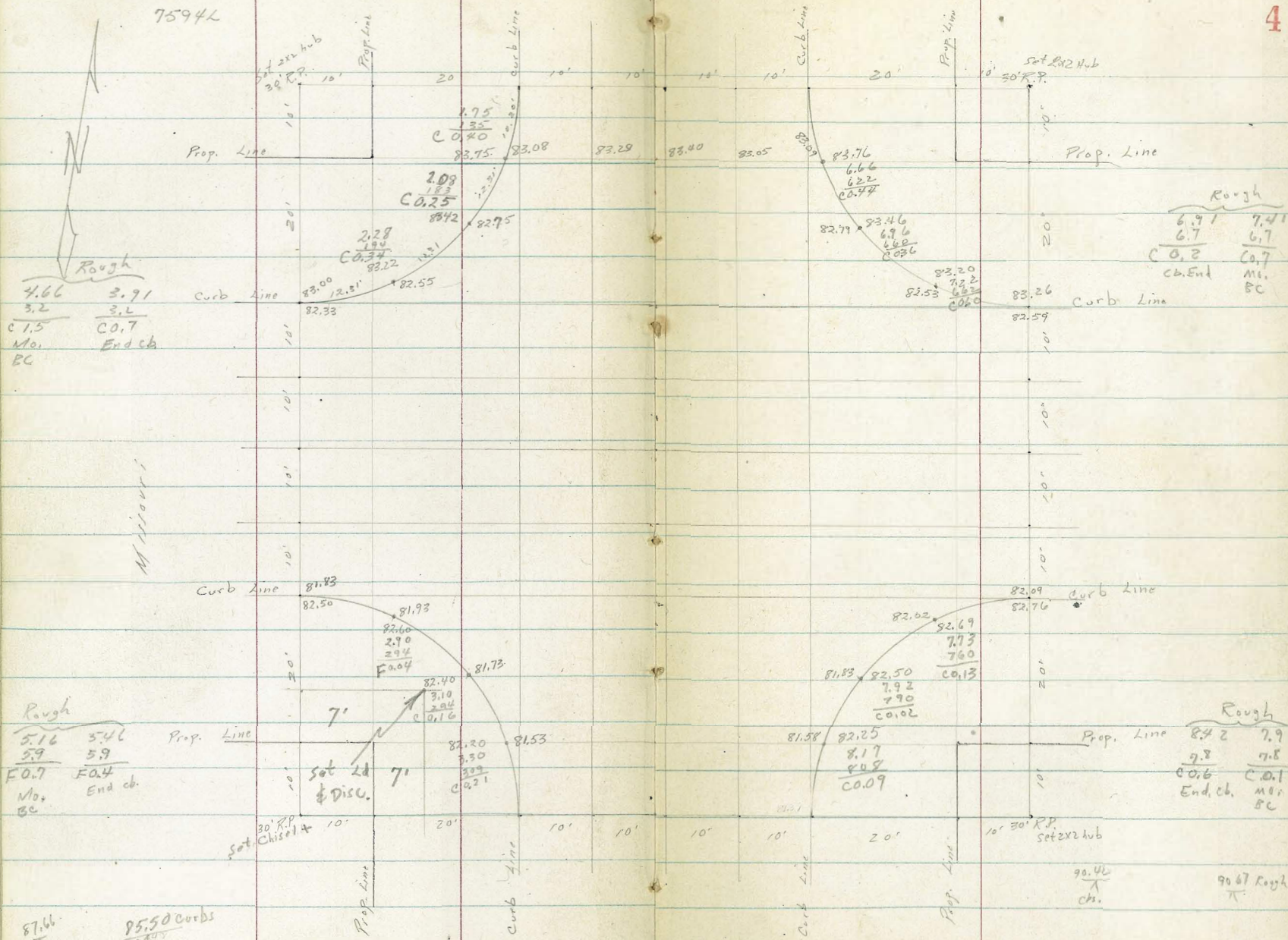
80.87
4.63
4.51
0.12

85.50 curbs

87.66 Rough
2

Intersection of Missouri St. and Haines St.

7594L



Rough

4.66	3.91
3.2	3.2
C 1.5	C 0.7
Mo.	End ch
BC	

Rough

5.16	5.46
5.9	5.9
F 0.7	F 0.4
Mo.	End ch.
BC	

Rough

6.91	7.41
6.7	6.7
C 0.2	C 0.7
ch. End	Mo.
	BC

Rough

8.42	7.91
7.8	7.8
C 0.6	C 0.1
End ch.	Mo.
	BC

Haines

87.66
95.50 curbs

90.46
ch.
90.67 Rough

Grades for Missouri St.

Haines to Ingraham

7594L

5

	Rough	curb		curb	Rough
1+60	6.57 <u>55</u> C 1.1	84.10 6.32 <u>588</u> C 0.78		83.60 6.82 <u>677</u> C 0.05	7.07 <u>76</u> F 0.5
1+35		83.96 6.46 <u>594</u> C 0.52		82.46 6.96 <u>693</u> C 0.03	
1+10	6.85 <u>57</u> C 1.2	82.82 6.60 <u>621</u> C 0.39		83.32 7.10 <u>718</u> F 0.08	7.35 <u>77</u> F 0.3
0+85		82.68 6.74 <u>628</u> C 0.46		82.18 7.24 <u>727</u> F 0.03	
0+60	7.13 <u>62</u> C 0.9	83.50 6.88 <u>653</u> C 0.35		83.04 7.38 <u>731</u> C 0.07	7.63 <u>79</u> F 0.2
0+35		83.40 7.02 <u>671</u> C 0.31		82.90 7.52 <u>740</u> C 0.12	
0+10 EC. Curb		83.26 7.16 <u>664</u> C 0.52		82.76 7.66 <u>747</u> C 0.19	
0+00 East Prop. Line Haines					

TBM 6.50 90.42 cbs. 83.72* See pg. 3
 T.P. 6.73 90.67 372 82.94 Rough
 87.66 x Rough

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	Rough	curb		curb	Rough
3+40	$\begin{array}{r} 526 \\ 40 \\ \hline C1.3 \end{array}$	$\begin{array}{r} 85.41 \\ 5.01 \\ 447 \\ \hline C0.54 \end{array}$		$\begin{array}{r} 84.91 \\ 5.51 \\ 566 \\ \hline F0.15 \end{array}$	$\begin{array}{r} 5.76 \\ 61 \\ \hline F0.3 \end{array}$
3+20	$\begin{array}{r} 5.54 \\ 43 \\ \hline C1.2 \end{array}$	$\begin{array}{r} 76.13 \\ 5.29 \\ 473 \\ \hline C0.56 \end{array}$		$\begin{array}{r} 84.63 \\ 5.79 \\ 603 \\ \hline F0.27 \end{array}$	$\begin{array}{r} 6.04 \\ 66 \\ \hline F0.6 \end{array}$
3+00	$\begin{array}{r} 5.71 \\ 45 \\ \hline C1.2 \end{array}$	$\begin{array}{r} 84.71 \\ 5.51 \\ 488 \\ \hline C0.63 \end{array}$		$\begin{array}{r} 84.41 \\ 6.01 \\ 613 \\ \hline F0.12 \end{array}$	$\begin{array}{r} 6.26 \\ 67 \\ \hline F0.4 \end{array}$
2+80 P.V.C.	$\begin{array}{r} 5.90 \\ 47 \\ \hline C1.2 \end{array}$	$\begin{array}{r} 84.77 \\ 5.65 \\ 520 \\ \hline C0.45 \end{array}$		$\begin{array}{r} 84.27 \\ 6.15 \\ 623 \\ \hline F0.08 \end{array}$	$\begin{array}{r} 6.40 \\ 70 \\ \hline F0.6 \end{array}$
2+60	$\begin{array}{r} 6.01 \\ 47 \\ \hline C1.1 \end{array}$	$\begin{array}{r} 84.66 \\ 5.76 \\ 514 \\ \hline C0.62 \end{array}$		$\begin{array}{r} 84.16 \\ 6.26 \\ 629 \\ \hline F0.03 \end{array}$	$\begin{array}{r} 6.51 \\ 70 \\ \hline F0.5 \end{array}$
2+35		$\begin{array}{r} 84.52 \\ 5.90 \\ 512 \\ \hline C0.78 \end{array}$		$\begin{array}{r} 84.02 \\ 6.40 \\ 647 \\ \hline F0.07 \end{array}$	
2+10	$\begin{array}{r} 6.29 \\ 49 \\ \hline C1.4 \end{array}$	$\begin{array}{r} 84.38 \\ 6.04 \\ 556 \\ \hline C0.48 \end{array}$		$\begin{array}{r} 83.88 \\ 6.54 \\ 677 \\ \hline F0.23 \end{array}$	$\begin{array}{r} 6.79 \\ 73 \\ \hline F0.5 \end{array}$
1+85		$\begin{array}{r} 84.24 \\ 6.18 \\ 557 \\ \hline C0.61 \end{array}$		$\begin{array}{r} 83.74 \\ 6.68 \\ 691 \\ \hline F0.23 \end{array}$	

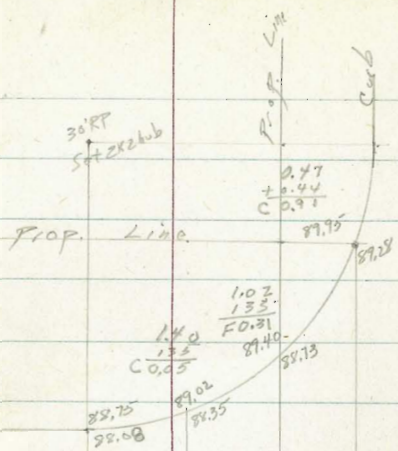
90.12 cbs.
90.17 x Rough

Cont'd From Page 6

	Rough	curb		Curb	Rough
4180 E.C.		88.75 1.67 153 C0.14		88.10 232 246 F0.14	
4170	2.19 0.8 C1.4	88.48 1.94 172 C0.22		87.94 244 252 F0.08	2.69 23 C0.4
4150	2.71 1.5 C1.2	87.96 2.46 202 C0.44		87.46 296 291 C0.05	3.21 2.7 C0.5
4125	3.36 1.7 C1.7	87.31 3.11 240 C0.71		86.81 361 353 C0.08	3.86 33 C0.6
4100 E.V.C.	4.01 2.7 C1.3	86.66 3.76 302 C0.74		86.16 426 416 C0.10	4.51 42 C0.3
3780	4.50 2.9 C1.6	86.17 4.25 339 C0.68		85.67 475 471 C0.04	5.00 46 C0.4
3460	4.91 35 C1.4	85.76 4.66 403 C0.63		85.26 516 526 F0.10	5.41 54 Grade

90.42 cbs.
90.67 X Rough

Cont'd From Page 7

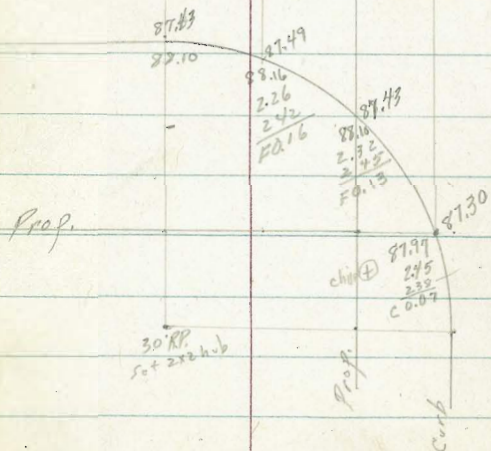


Rough
 1.72 1.72
 +.2 +.2
 0.21 1.9
 M. cb
 EC End.

B.M. for
 check
 edict &
 Diamond & E.
 Line Ingraham
 Elev. 83.57

Missouri

Ingraham



check
 T.P. 4.45 92.21

8.64 83.57 = 83.59 ↑
 2.91 87.76

Rough
 2.57 2.70
 43 43
 F 1.7 F 1.6
 M.O. cb End
 B.C.

90.42 115
 90.67 T Rough

Line of Levels for
Hilltop, 'F' and 39th, Quail, et al.

INDEXED

9

JUN 26 1950

See Page 18

Set BM		8.405	139.18	{ 42 # F NWBP } ✓				
T.P.	1.505	147.585	10.30	146.08				
Set BM.	3.44	156.38	9.31	152.94	{ 42nd # Hilltop SWBP } ✓	check	[NWBP F # 42nd]	3.20 139.18 = 139.18
T.P. (Set BM)	4.655	162.25	5.61	159.595	{ 157.60 Morrison # Hilltop SWBP } ✓	TP	4/83	142.38 1.12 137.55
Set BM (T.P.)	11.55	163.205	11.17	151.66	{ 41 # Hilltop SWBP } ✓	Set BM	7.31	138.67 4.81 131.36
T.P.	0.115	162.825	12.715	162.71		Set BM	3.29	136.17 8.69 132.88
Set BM			4.075	171.33	{ Raven # Hilltop SWBP } ✓	TP	0.80	141.57 12.67 140.77
T.P.	1.78	175.425	11.555	173.645		Set BM	1.03	153.44 6.665 152.41
Set BM.			5.12	180.08	{ 40 # Hilltop SWBP } ✓	Set BM	9.405	159.075 1.49 149.67
T.P.	6.085	185.20	0.31	179.115		Set BM	8.22	151.16 3.01 142.95
Set BM			8.715	170.71	{ Quail # Hilltop SWBP } ✓	BM	1.04	145.96 144.92
T.P.	9.60	179.425	0.45	169.825				
Set BM			3.71	166.53	{ 39 # Hilltop SWBP } ✓	check	[Start BM NEBP 40 # Market]	8.19 128.235 = 128.24
T.P.	9.265	170.24	0.375	160.975		TP	1.84	136.425 1.93 134.585
T.P.	10.79	161.33	0.375	150.540		check	11.10	136.515 0.745 125.415
Set BM			6.00	144.92	{ 39 # F NWBP } ✓	T.P.	3.70	126.16 11.485 122.46
T.P.	10.935	150.915	0.90	139.98		check		5.11 128.835
T.P.	9.76	140.86	0.55	133.10		TP	5.09	133.945 6.63 128.855
BM	5.21	133.65		128.24		TP	0.215	135.485 12.315 135.27
				NEBP 40 # Market				147.585

Begg

MISSOURI

gut

gutter

10

2+80

79 01
5 00

Fin 79 13
33
Sub 78 80
5 21

78 46
5 35

1+80

78 88
5 13

78 98
78 65
5 36

78 28
5 73

0+60 PVC

84 01
78 75
5 26

78 84
78 51
5 50

78 12
5 59

0+10

77 93

sub 77 86
77 53
6 48

76.98

0+0 Eline Gresham

84 01
77 89
6 12

sub 77 85
77 52

76.97
7.09

6.35 84 01 2.99

77.66

Top of cb at E. SE cor on Miss.

10.28 80.65

70.37

NWBP Diamond & Gresham

MISSOURIE

11

2 + 80

79 86
4 21

79 95
79 62
4 39

79 30
4 71

2 + 60

79 58
4 43

79 73
79 40
4 61

79 07
4 94

2 + 40

79 36
4 65

79 51
79 18
4 83

78 85
3 16

2 + 20

79 18
4 83

79 30
sub 78 97
5 04

78 64
5 37

8401 1.53 8248

TP on 5700 - W/line Hand

5400

83 23

8248

8 7 5

8251

8218

183

81.90

490 BC

82 33

1 69

8248

8215

186

81.83

218

3400

3

300

84.24
3 59

Sub 84.39
84.06
5.16

89.22

13

83.74
4.09

3 + 80 PVC

84.10
3 73

89.22

84.25

83.92

5.30

83.60

4.23

0 + 10 BC

82.59
5.24

89.22

82.74

82.41

6.81

82.09

5.74

0 + 0 = ELimo HOMES

82.55

89.22

82.52

Sub 82.19

7.03

82.05

5.78

5.35 87.83

82.48 TP

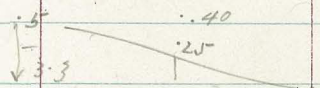
82.48
6.74
89.22

674 89.22

400 PVC

3 + 80

3 60



3 + 40

$$\begin{array}{r} 65 \\ 33 \\ \hline 32 \end{array}$$

3 + 80

3 + 80

82.48

$$\begin{array}{r} 85.99 \\ 1.84 \\ \hline \end{array}$$

$$\begin{array}{r} 85.50 \\ 2.33 \\ \hline \end{array}$$

$$\begin{array}{r} 85.09 \\ 2.74 \\ \hline \end{array}$$

$$\begin{array}{r} 84.74 \\ 3.09 \\ \hline \end{array}$$

$$\begin{array}{r} 84.46 \\ 3.37 \\ \hline \end{array}$$

4 7 6

$$\begin{array}{r} 86.14 \\ \text{Sub } 85.81 \\ \hline 3.41 \end{array}$$

$$\begin{array}{r} 85.65 \\ 85.32 \\ \hline 3.90 \end{array}$$

$$\begin{array}{r} 85.24 \\ 84.91 \\ \hline 4.31 \end{array}$$

$$\begin{array}{r} 84.89 \\ 84.56 \\ \hline 4.66 \end{array}$$

$$\begin{array}{r} 84.61 \\ \text{Sub } 84.28 \\ \hline 4.94 \end{array}$$

14

$$\begin{array}{r} 85.49 \\ 2.34 \\ \hline \end{array}$$

$$\begin{array}{r} 85.00 \\ 2.83 \\ \hline \end{array}$$

$$\begin{array}{r} 84.59 \\ 3.24 \\ \hline \end{array}$$

$$\begin{array}{r} 84.74 \\ 3.59 \\ \hline \end{array}$$

$$\begin{array}{r} 83.96 \\ 3.87 \\ \hline \end{array}$$

East Line

90 80 on cb

89 80 on cb
15

5 + 10

92 56
89 28
88 33
3 61

92 56
88 69
Sub 88 36
4 20

92 56
87 30
86 33
5 59

5 + 00 Prop

92 56
88 73
88 33
Sub 88 40
4 76

92 56
88 48
Sub 88 15
4 41

92 56
87 43
87 32
5 26

4 + 90

5.65
7 20
92 56
89 68
2.77

86.91
82-48 TP

88 35

92 56
88 32
36
87 99
4 57

92 56
87 49
87 12
5 07

4 80

92 56
87 74
92 56
87 46

88 08
F 0 25

88 11
87 78
1 44

87 43
87 40

4 70

87 81
02

87 96
Sub 87 63
1 59

87 31
0 52

4 + 60

(Sub 86.37)

4 + 40

Sub 86.85 2.37

4 + 20

Sub 86.33 2.89

82 48 TP
 494
 87.42 HI

Sub grade in crossing
 Finish grades on curb

16

Haine 8742

83 08
 434
 82 75
 467
 82 57
 487
 82 33
 509

83 07
 435

83.09
 433
 82.19
 463
 82.16
 473
 82.14
 484

82 47 20
 495

82 47 20
 495

82 07
 535

Milourie

20

8742

82 27
 515

82 22
 520

81 89
 543

20

81 76 20
 566
 569
 81 83
 559
 81 93
 81 73
 81 88
 589
 549

81 75 20
 567

81 60 829
 582

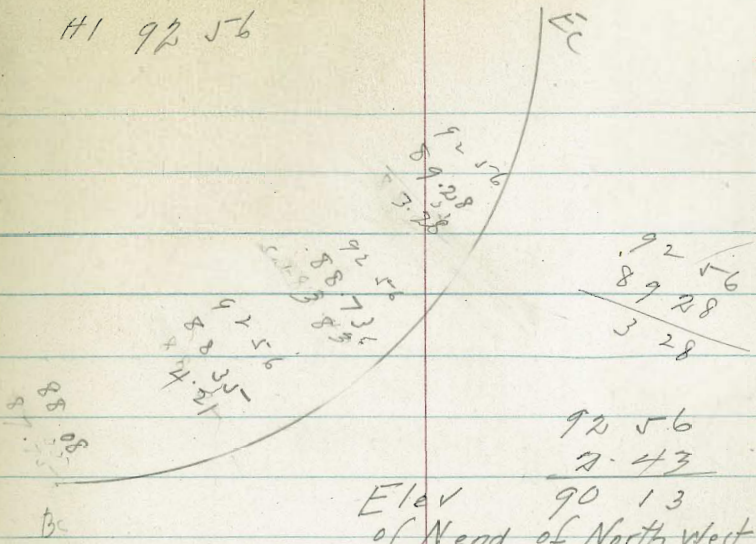
8742

81 47
 595

82 02
 548
 81 83
 557
 81 58
 584

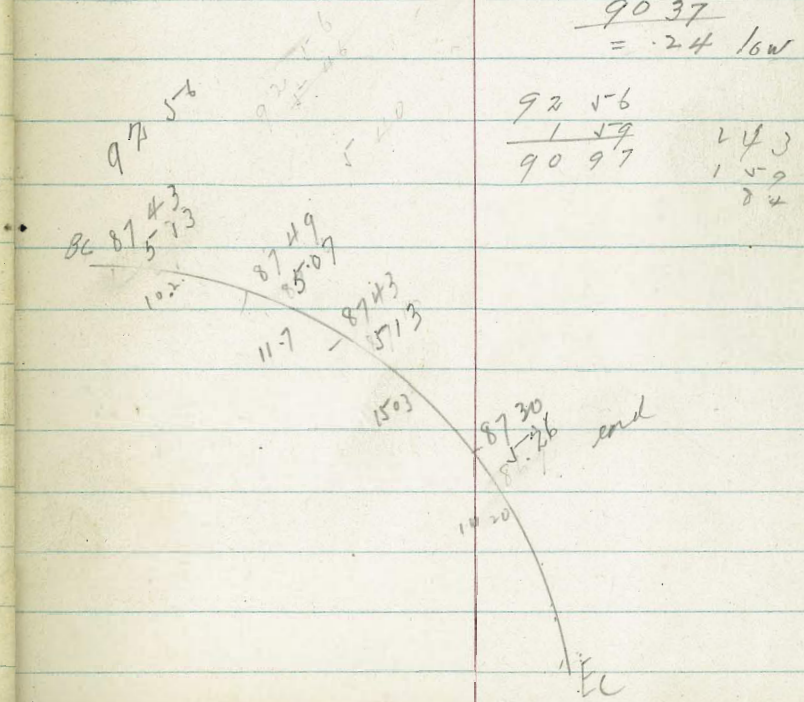
H1 92 56

17



92 56
 2 43

Elev 90 13
 of Nend of North West
 of curb should be
 90 37
 = -24 16w



92 56
 1 59
 90 97

24 3
 1 59
 22 4

Robert
Garber
Moore
Clark

Line of Levels for
Donby & Toyne and "F" Sta.
See page 9.

18

INDEXED
W-7C
JUN 26 1950

check		5.09	139.175	= 139.18	start. BM
T.P.	2.935	144.265	25.65	141.33	
Set BM		5.85	138.05	138.045	{ SWBP ✓ Denby & F
Set BM	5.38	143.895	4.97	138.52	{ SWBP ✓ Toyne & F
BM	4.305	143.485		138.515	{ NWBP 139.18 42 & F

Grades for Paving Alley BK 238
Pacific Beach
Kendall to Lamont, between Hornhead
and Grand.

Roberts
Walker
Moore
Clark
1-30-50
W.O. 31433

Lt.

Rt.

7612-L

2+50

Lt.

Rt.

53.51
0.02 BK 3.97
Fence 2.80
C 1.17

0.35 BK
Fence 3.65
C 0.32

1700 1 BK 52.50
4.98
4.80
C 0.18

INDEXED
WR
JUN 26 1950

52.50
4.98-1 BK 2+30 4/10 BK 4.28
5.24
Fence 3.76
C 0.52

53.20
0.35 BK 4.28
Fence 3.67
C 0.59

0+70 2 BK 52.38
5.10
4.92
C 0.18

52.38
5.10-3 BK 2+10 0.10 BK 4.49
5.20
Fence 3.68
C 0.81

52.99
1 BK 4.49
+ 4.40
C 0.09

0+40 3 BK 52.26
5.22
4.90
C 0.32

52.26 PVC
5.22 0.75 BK 1+90 0.05 In 4.62
4.97 Fence 3.34
C 0.23 C 1.28

52.86
2 BK 4.62
4.80
F 0.18

0+20 3 BK 52.18
5.30
4.86
C 0.44

52.18 0.85 BK 1+60 0.14 In 4.74
5.30 Fence 3.76
4.95
C 0.35 C 0.78

52.74
3 BK 4.74
4.77
F 0.03

W. Prop. Kendall
0+00 52.10
5.38
C 0.44

52.10
5.38 1+30 3 BK 52.62
4.86
4.86
Grade

52.62
3 BK 4.86
5.20
F 0.34

BM 5.97

57.48

57.51 NW 89
Kendall & Grand

57.48

Cont'd From Page 79

Check

5.89

51.50

= 57.51
(Start. BM)

T.P.

4.35

57.39

9.60

53.04 **20**

	Lt.	Rt.		Lt.	Rt.
4+00	57.75 489 3 BK 483 C 0.06	57.75 489 3 BK 466 C 0.23	E. Prop. Laumont. 5+00.15	55.05 7.59 3 BK 652 C 1.07	54.75 7.99 3 BK 7.63 C 0.26
3+70	56.82 0.70 in 5.82 Fence 419 C 1.63	56.82 582 3 BK 669 F 0.87	4+80	56.96 5.68 1 BK 484 walk C 0.84 +	56.79 5.85 0.4 BK 504 St. B C 2.81
3+40	55.89 6.75 1 BK 662 + C 0.13	55.89 6.75 5 BK 844 F 1.69	4+60	58.13 4.51 1 BK 439 + C 0.12	58.00 4.64 1.65 BK 1.13 House C 3.51
EVC 3+10	54.96 768 1 BK 723 + C 0.45	54.96 768 3 BK 861 F 0.93	4+40	58.62 4.02 2 BK 4.03 F 0.01	58.60 4.04 1 BK 2.78 C 1.26
2+90	54.39 8.25 3 BK 798 C 0.27	54.39 8.25 0.50 BK 767 Fence C 0.58	PVC 4+20	58.36 4.28 3 BK 3.99 C 0.29	58.36 4.28 3 BK 4.01 C 0.27
W.K. 2+70	53.90 8.74 3 BK 867 C 0.07	53.90 8.74 3 BK 918 F 0.44	Sewer Lat. Lt. 4+10	53.05 9.59 5 BK 4.17 C 5.42	52.05 10.59 4.17 C 6.42
T.P.	7.82	62.64 57.48 2.16 54.82		62.64	

Roberts
Garber
Moore
Clark
1-31-50
W.O. 3165

Grade Stakes for Sewer
Golden Park Ave. & Bangor St.

F.B. 1785 pg. 72
1387-D

1405.60 (5' Rt)

203.31
10.93
4.67
C 6.26

INDEXED

JUN 26 1950

0779.20 (5' Rt)

203.04
11.20
5.19
C 6.01

0752.80 (5' Rt)

202.78
11.46
5.85
C 5.61

0726.40 (5' Rt)

202.51
11.73
6.05
C 5.68

S. Pl. Line Lucinda St.
0700 (5' Rt)

202.25
11.99
6.10
C 5.89

BM 8.13

214.24

Chisel E
205.31 NE Cor.
Lucinda &
Golden Park

21

2761.85 (5' Rt)

208.01
15.12
7.42
C 7.70

S'No. 210.00
Lat. # 3 13.13
7.99
C 5.17

2735.88 (5' Rt)

207.15
15.98
8.34
C 7.64

2709.91 (5' Rt)

206.30
16.83
7.16
C 7.67

T.P. 10.79
1783.94 (5' Rt)

223.13
205.44
8.80
1.90
C 6.90

1.90 212.34

1757.97 (5' Rt)

204.58
9.66
5.18
C 6.48

224¹⁴ Rt.
1432 MH #1
25' & 5.12' Rt on Split

203.57 203.73
10.67 10.51
4.30 4.30
C 6.37 C 6.21

214.24

TBM

374

219.39 So. Con. Drive

4+06.66 (5' RT)

214.00
9.13
497
C 4.16

2. RT 78°00'15"
3+91.66 M.H. #2
25'±6.45' RT on Split

↑
212.30 212.50
10.83 10.63
464 464
C 6.19 C 5.99

3+65.72 (5' RT)

↓
211.44
11.69
481
C 6.88

3+39.76 (5' RT)

210.58
12.55
532
C 7.23

3+13.79 (5' RT)

209.72
13.41
596
C 7.45

2+87.82 (5' RT)

208.87
14.26
665
C 7.61

223.13

5+17.26 (5' RT)

236.77
7.40
376
C 3.64

4+92.06 (5' RT)

232.75
10.42
658
C 3.84

4+66.86 (5' RT)

230.92
13.45
926
C 4.19

T.P. (5' RT) 12.58
4+41.66 (BRK)

244.37
227.90
766
376
C 3.90

377 231.79

4+31.66 (5' RT)

224.70
13.86
494
C 8.92

5' RT
4+21.66 (BRK)

215.50
20.06
956
C 10.50

T.P. 12.80

235.56
A

0.37 222.76

223.13

T.P. 10.90
 263.69
 246.90
 6+61.50 (5' RL)
 8.93
 104
 C 5.89

245.19
 8.64
 4.17
 C 4.49
 6+37.04 (5' RL)

248.48
 10.35
 7.10
 C 3.25
 6+12.58 (5' RL)

↑
 L Rt. 62°20'
 5+88.12 MH #4
 20' ± 5.84' Rt. on split
 241.57 241.77
 12.26 12.06
 9.09 9.08
 C 3.18 C 2.98

↓
 240.88
 12.95
 8.58
 C 4.37
 5+65.69 (5' RL)

↑
 L L. 92°48'30"
 5+42.47 MH #3
 25' ± 6.90' Rt. on Split
 240.06 240.20
 13.83 13.63
 8.91 8.91
 C 4.92 C 4.72

T.P. 10.08
 253.93
 244.37
 0.62 243.75

Dead End
 0+60 (5' West)
 241.46
 12.43
 7.35
 C 5.08

240.80
 13.03
 7.73
 C 5.30
 0+30 (5' West)

M.H. #3 = 0+00 240.20

End
 7+34.85 MH #5
 20' ± 10' West on E
 252.04
 11.65
 5.62
 C 6.03

250.32
 13.37
 6.69
 C 6.68
 7+10.42 (5' RL)

248.61
 15.08
 8.40
 C 6.68
 6+85.96 (5' RL)

263.69

End
0+32 (5' Rt)
$$\begin{array}{r} 253.00 \\ 10.69 \\ \hline 614 \\ \hline C 455 \end{array}$$

$$\left. \begin{array}{l} \text{MH. \#5} = 0+00 \\ \text{Lat. No. 7} \end{array} \right\}$$

252.04

~~0+16~~~~252.52~~

$$\left. \begin{array}{l} \text{MH. \#5} = 0+00 \\ \text{Lat. No. 5} \end{array} \right\}$$

252.04

End
0+63 (5' Rt)
$$\begin{array}{r} 255.66 \\ 8.09 \\ \hline 160 \\ \hline C 6.49 \end{array}$$

0+42 (5' Rt)

$$\begin{array}{r} 254.41 \\ 9.28 \\ \hline 362 \\ \hline C 5.64 \end{array}$$

263.69

End
0+31 (5' No.)
$$\begin{array}{r} 223.20 \\ 10.50 \\ \hline 661 \\ \hline C 3.89 \end{array}$$

0+21 (5' Rt)

$$\begin{array}{r} 253.22 \\ 10.47 \\ \hline 450 \\ \hline C 5.97 \end{array}$$
~~0+15.5~~~~222.00~~

$$\left. \begin{array}{l} \text{MH. \#5} = 0+00 \\ \text{Lat. No. 6} \end{array} \right\}$$

252.04

$$\left. \begin{array}{l} 0+00 \text{ Ex. Sec.} \\ \text{Lat. No. 4} \end{array} \right\} \text{5' No.}$$

220.81

$$\begin{array}{r} 233.70 \\ \hline \end{array} \text{Sec } \text{pg } 24$$

263.69

check 9.27 205.25 = 205.31

T.P. 2.33 214.52 11.75 212.19

check TBM 4.58 219.36 * Pg 22

T.P. 2.15 223.94 11.98 221.79

T.P. 0.19 232.77 13.00 232.58

T.P. 0.73 246.58 12.75 245.85

TBM 0.20 258.60 5.29 258.40

Fire Hub.
S. Cor. Bangs
Golden Park

End 256.00
0+68 (5' R) 7.69
352
C 4.17

0+45.33 (5' R) 254.68
9.01
416
C 4.85

0+22.66 (5' R) 253.36
10.33
545
C 4.88

263.69

Roberts
Garber
Moore
Clark
2-2-59
WA 31405

Grade Stakes Bangor St.

(So. Line Cresta Real to Golden Park Ave.)

7432L KB.1794 pg. 1

26

	Rough	Curb	Gutter	E	Gutter	Curb	Rough
--	-------	------	--------	---	--------	------	-------

1+00	+1.4 <u>12.8</u> F 14.2	262.10 5.00 ✓ <u>510</u> F0.10	6.82		6.82	262.10 5.00 ✓ <u>510</u> F0.10	7.68 <u>53</u> C 2.4
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INDEXED

JUN 26 1950

0+75		261.76 5.34 ✓ <u>543</u> F0.09	7.16		7.16	261.76 5.34 ✓ <u>559</u> F0.25	
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0+50	+0.68 <u>19.2</u> F 19.9	261.10 261.42 5.48 ✓ <u>556</u> 20.16 C0.12	7.50		7.50	261.10 261.42 5.88 ✓ <u>591</u> F0.22 F0.26	536 <u>45</u> C 3.9
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0+25		261.08 6.02 ✓ <u>600</u> C0.02	7.84		7.84	261.08 6.02 ✓ <u>599</u> C0.05	
------	--	---	------	--	------	---	--

S.L. Cresta Real 0+00	F 6.0 5' T of S	260.74 6.36 ✓ <u>773</u> F 1.37	260.24 8.18	260.50	260.24 8.18	260.74 6.36 ✓ <u>568</u> C0.68	9.02 <u>66</u> C 2.4
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B.M.	232 Rough 11.36	1 of S 260.74 <u>269.79</u> 1	258.42	Conc. Man 5' W. & Bangor So. L. Cresta Real. FB 1794 Pg. 1	Crow TP Curb TBM	262 353 2.33	268.42 <u>269.10</u> 270.24	6.67	265.80 263.57	267.91 Pg. 31
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Cont'd From Pg: 26

27

	Rough	Curb	Gutter	ℓ	Gutter	Curb	Rough
2 + 34.98	5.9 6.1 F0.2	263.87 3.23 ✓ 3.49 F0.26	263.37 5.05	263.63	263.37 5.05	263.87 3.23 ✓ 3.35 F0.12	6.1 4.2 C1.9
P.V.C. 2 + 14.98	6.1 6.5 F0.4	263.71 3.39 ✓ 3.52 F0.13	263.21 5.21	263.42	263.16 5.26	263.66 3.44 ✓ 3.53 F0.09	6.1 3.8 C2.3
1 + 93.62	42.7 6.1 F8.8	263.41 3.69 ✓ 3.92 F0.23	5.51		5.55	263.37 3.73 ✓ 3.74 F0.01	6.4 5.8 C0.6
1 + 72.26	42.4 10.5 F12.9	263.10 4.00 ✓ 4.23 F0.23	5.82		5.84	263.08 4.02 ✓ 3.80 C0.22	6.7 6.1 C0.6
BC 1 + 50.90	42.05 11.0 F13.0	262.79 4.31 ✓ 4.42 F0.11	262.29 6.13	262.55	262.29 6.13	262.79 4.31 ✓ 4.10 C0.21	7.0 5.7 C1.3
1 + 25		262.44 4.66 ✓ 4.61 C0.05	6.48		6.48	262.44 4.66 ✓ 4.44 C0.22	
		260.74	262.10 curb	269.78 Rough	268.42 crown		

	Rough	Curb	Gutter	Σ	Gutter	Curb	Σ
3+55.74	3.2 0.7 C 2.5	262.51 1.93 ✓ 1.94 F 0.01	262.01 6.41	262.27	262.01 6.41	262.51 1.93 ✓ 1.91 C 0.02	3.2 2.1 C 1.1
3+35.74	2.6 0.1 C 2.5	263.05 1.39 ✓ 1.63 F 0.24	262.55 5.87	262.81	262.55 5.87	263.05 1.39 ✓ 1.31 C 0.08	2.6 0.2 C 2.4
T.P. Rough 3+45.74	0.41 63 4.5 C 1.8	265.61 263.46 0.98 ✓ 1.05 F 0.07	4.50 265.28 262.96 5.46	263.22	262.96 5.46	263.46 0.98 ✓ 0.91 C 0.07	6.3 4.0 C 2.3
2+95.74	6.0 4.5 C 1.5	263.75 0.69 ✓ 0.73 F 0.04	263.25 5.17	263.51	263.25 5.17	263.75 0.69 ✓ 0.74 F 0.05	6.0 4.4 C 1.6
T.P. Curb E.C. 2+71.35	0.54 264.44 5.9 5.2 C 0.7	320 263.93 3.17 ✓ 320 F 0.03	263.90 263.43 4.99	263.69	263.43 4.99	263.93 3.17 ✓ 3.13 C 0.04	5.9 4.6 C 1.3
2+54.98	5.8 5.6 C 0.2	263.95 3.15 ✓ 3.17 F 0.02	263.45 4.97	263.71	263.45 4.97	263.95 3.15 ✓ 3.04 C 0.09	5.8 4.2 C 1.6

269.78 Rough 267.15 Curb 268.42 Curb

Cont'd From Pg. 28

29

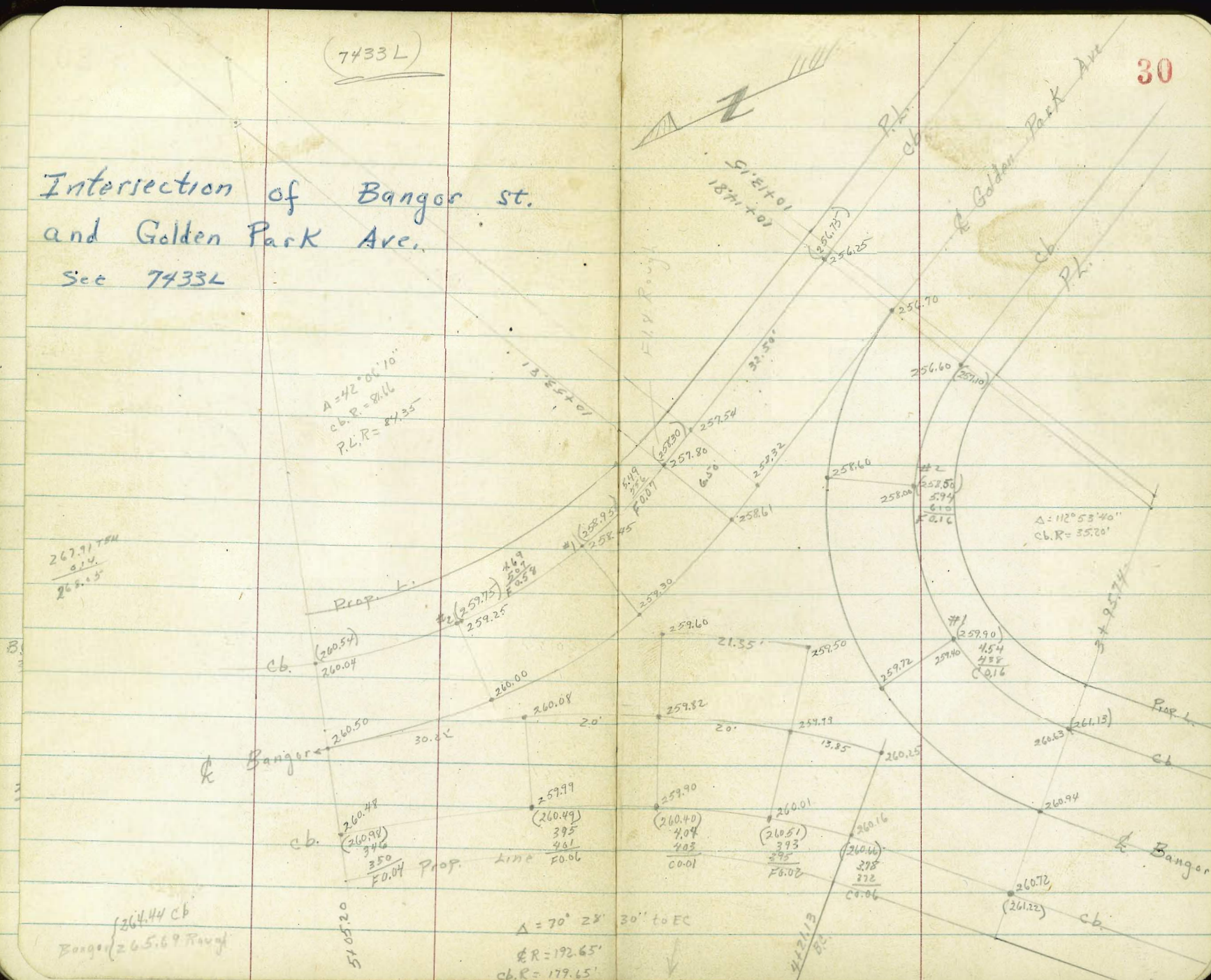
	Rough	Curb	Gutter	Σ	Gutter	Curb	Rough
BC. Cb. Ret. on Rk. 3+95.74	4.5 0.8 <u>3.7</u>	261.22 322 ✓ 310 <u>C0.12</u>	260.72 7.70	260.94	260.63 7.79	261.13 3.31 ✓ 344 <u>F0.13</u>	4.6 4.8 <u>F0.2</u>
3+75.74	3.8 0.2 <u>C3.6</u>	261.85 258 ✓ 242 <u>C0.17</u>	261.35 7.07	261.61	261.35 7.07	261.85 2.59 ✓ 250 <u>C0.09</u>	3.8 3.6 <u>C0.2</u>
			265.69 Rk	26444. Curb			

7433L

30

Intersection of Bangor St. and Golden Park Ave.

See 7433L



Roberts
Garber
Moore
Clark
2-2-50
W.O. 31605

Grade Stakes Bangor St.
(Golden Park Ave. to Jennings St.)

(7432L)

FB 1794

31

	Rough	curb	Gutter		Gutter	curb	Rough
5+94.98	9.48 6.5 C 3.0	264.73 9.89 ✓ 8.82 C 0.01	264.23 3.92		3.92	264.72 8.70 ✓ 8.94 F 0.04	9.47 7.8 F 0.3
T.P. Curb 9.95 E.V.C. 5+74.98	273.60 10.55 8.4 C 2.2	0.77 263.66 0.78 ✓ 0.77 C 0.01	263.67 263.16 4.89	263.41	263.14 4.91	263.64 0.80 ✓ 0.76 C 0.04	19.57 11.4 F 1.2
T.P. S. Cor. Retain. Wall T.P. Rough 5+54.98	6.30 10.22 3.0 1.6 C 1.4	274.21 273.79 262.65 1.79 ✓ 1.65 C 0.14	5.88 262.71 263.57 262.15 5.90	262.37	262.06 5.99	262.56 1.88 ✓ 1.84 C 0.04	3.1 4.8 F 1.7
5+34.98	3.8 2.6 C 1.2	261.86 2.58 ✓ 2.51 C 0.07	261.36 6.69	261.49	261.09 6.96	261.59 2.85 ✓ 2.72 C 0.13	4.1 5.3 F 1.2
5+14.98	4.5 3.4 C 1.1	261.21 3.23 ✓ 3.16 C 0.07	260.71 7.34	260.79	260.35 7.70	260.25 3.59 ✓ 3.27 C 0.32	4.8 5.6 F 0.8
Cb. P.R.C. on Rt. 5+05.20	4.7 3.7 C 1.0	260.98 F 0.04	260.48	260.50	260.04	260.54 3.90 ✓ 3.56 C 0.34	5.2 6.1 F 0.9

264.44 curb
265.69 Rough
268.05 curb

	Rough	Curb	Gutter	+	Gutter	Curb	Rough
check (Curb) See Page 37			572 267.90 = 267.91 see pg. 31	Johnings Street			
check		8.08	254.71 = 254.71	see P.B. 1774 #			
T.P. 165	262.79	12.48	261.14				
T.P. 2.16	273.62	3.75	270.46				
Prop. BC on Rt. 6+87	5.3 2.9 C 2.4	268.90 4.72 ✓ 4.60 C 0.12	268.40 6.03	268.71	268.50 5.93	269.00 4.62 ✓ 5.19 F 0.57	5.2 2.5 C 2.7
E.C. 6+58.09	6.3 4.2 C 2.1	267.85 5.77 ✓ 5.62 C 0.09	267.50 0.55	274.43 crow 267.76	267.50 0.55	268.00 5.62 ✓ 5.61 C 0.01	6.2 3.2 C 3.0
6+34.98	7.3 5.5 C 1.8	266.88 6.74 ✓ 6.58 C 0.16	266.38 1.67	266.64	266.38 1.67	266.88 6.74 ✓ 7.06 F 0.28	7.3 5.8 C 1.5
6+14.98	8.4 5.2 C 2.9	265.80 7.82 ✓ 7.71 C 0.11	265.30 2.75		275	265.80 7.82 ✓ 8.06 F 0.24	8.4 5.0 C 0.4

273.62 Rough
274.21 Rough

268.05 crow

Grade stakes Bangor St. (So. Line Jennings to 10' No. of No. Line Harbor View)

Cont. from P. 32

33

	Rough	Curb	Gutter	℄	Gutter	Curb	Rough
Garber Moore Clark 21 1/2 150 W.O. 31605 So. Line Lucinda 8+74.90 (Rec. 8+75.25)		269.45 6.02 ✓ 6.41 F 0.59	268.78 3.65	269.20	268.95	269.45	
8+65.25 2+54.51 EC Cb on Rt	6.79 55 C 1.3	269.50 5.77 ✓ 6.85 F 0.58	268.83 5.60	269.28	269.00	269.50	6.79 6.8 Grade
8+35.25	6.61 6.9 F 0.3	269.68 5.77 ✓ 6.69 C 0.10	269.01 5.42	269.45	269.18 5.25	269.68 5.79 ✓ 5.59 C 0.20	6.61 6.3 C 0.3
8+05.25	6.43 5.8 C 0.6	269.86 5.61 ✓ 5.56 C 0.05	269.19 5.24	269.62	269.36 5.07	269.86 5.61 ✓ 5.54 C 0.07	6.43 6.1 C 0.3
Break 7+74.99 EC Cb on Lt		270.04	269.37	269.80	269.54	270.04	6.25 5.7 C 0.6
No. Line Jennings 7+65.45 7+ 54.97 BK	6.21	270.08	269.45	269.88	269.58	270.08	6.21 5.6 C 0.6
7+ 34.97 N.L. 01109 2 Bangor - So. Line Jennings 7+24.97	6.37 4.00 C 2.4	269.92?	269.40	269.70	269.33	269.83	6.76 6.00 C 0.5
TBM 8.38 6.52	276.29 274.43 crew		267.91 267.91			275.47 curbs	

	Rough	Curb	Gutter	R	Gutter	Curb	Rough
1+30	7.67 <u>72</u> C 0.5	266.23 4.61 ✓ <u>321</u> C 0.20 270.84	265.56 2.70	266.13	265.90 236	266.57 4.27 ✓ <u>427</u> Grade	7.33 <u>61</u> C 1.2
1+10	6.96 <u>67</u> C 0.3	266.94 3.70 ✓ <u>405</u> F 0.15	266.27 1.99	266.85	266.62 1.64	267.29 3.55 ✓ <u>352</u> F 0.07	6.61 <u>56</u> C 1.0
0+90	6.41 <u>62</u> C 0.2	267.45 3.35 ✓ <u>345</u> F 0.10	266.82 1.44	267.38	267.14 1.12	267.81 3.03 ✓ <u>297</u> C 0.04	6.09 <u>48</u> C 1.3
T.P. 0+70 P.H.C.	1.28 268.26 <u>602</u> 5.9 C 0.1	Crow 7.45 267.88 2.96 ✓ <u>279</u> C 0.17	266.98 267.21 7.22	267.74	267.46 6.97	268.13 2.71 ✓ <u>255</u> C 0.16	5.67 <u>43</u> C 1.4
0+40	5.56 <u>4.9</u> C 0.7	268.34 2.50 ✓ <u>294</u> F 0.44	267.67 6.76		267.85 6.58	268.46 2.38 ✓ <u>216</u> C 0.22	5.44 <u>38</u> C 1.6
T.P. Break 0+10	2.04 270.84 X	6.17 268.80 6.17 ✓ <u>687</u> F 0.26	268.80 curb 268.13 6.30	268.53	268.13	268.80	5.10 <u>34</u> C 1.7
No. Line Lucinda 0+00	5.05 <u>4.1</u> C 0.9	268.85 6.62 ✓ <u>692</u> F 0.30	268.18 6.25	268.65	268.30	268.85	5.05 <u>39</u> C 1.2

273.70 Rough

274.43 Crow

Grade

Change
See pg 57

Cont. from P. 34

35

	Rough	Curb	Gutter	L	Gutter	Curb	Rough
0 + 60 Break	6.05 <u>2.5</u> 3.6	257.10	256.43	256.58	255.93	256.60	16.55 <u>2.1</u> 14.5
T.P. Rough 2.11	263.15 <u>15.21</u>	12.86 258.69	261.04 258.02	258.25		257.65	16.25 <u>11.6</u> 4.7
0 + 35	12.6 <u>0.26</u>						
		260.28	259.61	259.92		260.10	13.80 <u>10.3</u> 3.5
0 + 10 Break. Lt. only							
No. Line John 0 + 00		260.91	260.21	260.56	260.13	260.80	13.10 <u>9.8</u> 3.3
1 + 90 On Rt. only				262.86	262.58	263.25	10.65 <u>8.0</u> 2.7
So. Line John 1 + 65 E.V.C.		264.70	264.06	264.50	264.12	264.79	9.11 <u>6.7</u> 2.4
1 + 55		265.30	264.63	264.96		No grade	
1 + 50 Rt. only						265.66	8.24 <u>7.3</u> 0.9

Rough 273.90

	Rough	Curb	Gutter	Σ	Gutter	Curb	Rough
check		8.43	254.72 = 254.71	see pg 32			
1+30 Lt. only	11.12 11.6 -0.5	252.07	251.40	251.99		252.45	10.70 10.7 Grade
No. Line Harbor 1+20 Lt. only	10.25 88 -0.5	252.90	252.23	252.93		see Return	
1+10 Lt. only	9.45 85 -0.0	253.70	253.03	253.80			
0+90 Lt. only	8.04 49 -0.31	255.11	254.44	255.11			
So. Line Harbor 0+70	6.71 2.9 -0.38	256.44	255.77	255.89	255.30	255.88	

263.15 Rough

Intersection of Bangor St. and Jennings St.

See 7432L

INDEXED
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EC Alley	557
	661
	2105
BC Alley	593
	611
	2077

EC	550
	626
	2076
BC	551
	626
	2075

Prop. Line
 Curb Line
 Bangor
 Cb. Line
 Prop. Line.

Prop Line
 Alley Block
 P.L.

Prop. Line
 Curb. Line
 37

270.68	5.36
509	222
269.54	0.74

270.68	5.39
509	229
269.58	1.10

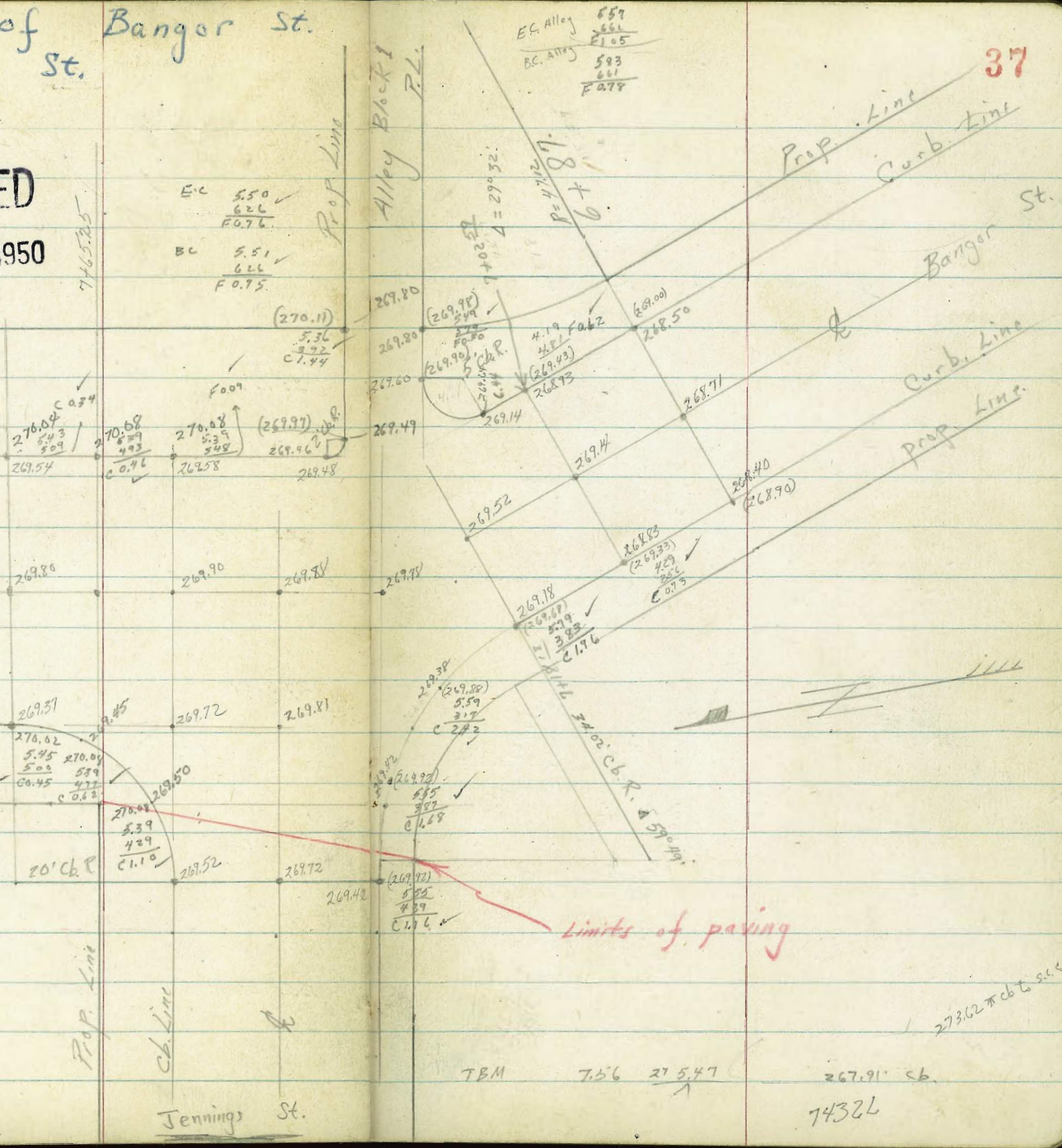
269.80	5.59
319	272
269.88	1.76

Limits of paving

TBM 7.56 27 5.47

267.91' cb.
 7432L

273.62 π cb. S.C. CR.



7244

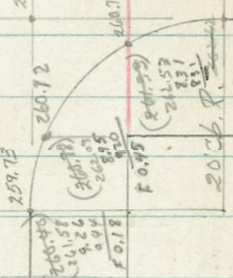
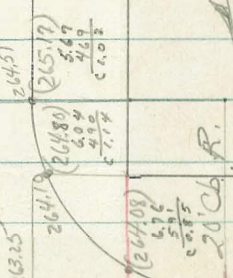
R.L. 7.90

John

7.90
Limits of

P.L.

Prop. Line
Curb
6.10
5.12
4.05



687492

572222

262222

262222

262222

262222

764492

412222

452222

581922

781922

261522

684492

803722

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647222

581922

121922

254492

680422

622222

622222

622222

259722

Prop. Line
Curb Line

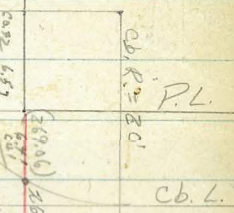
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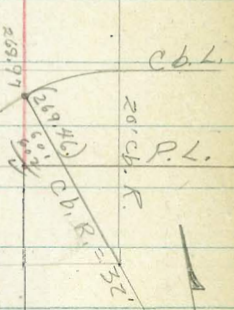
Intersection of Bangor St. and Lucinda St. See 74324

Prop. Line
Curb Line

Prop. Line



Existing
Lucinda St.
Par. to Here



Prop. Line
Curb Line

Curb Line

268712

268712

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Prop. Line

268448

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Prop. Line

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Prop. Line

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Curb Line

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Prop. Line

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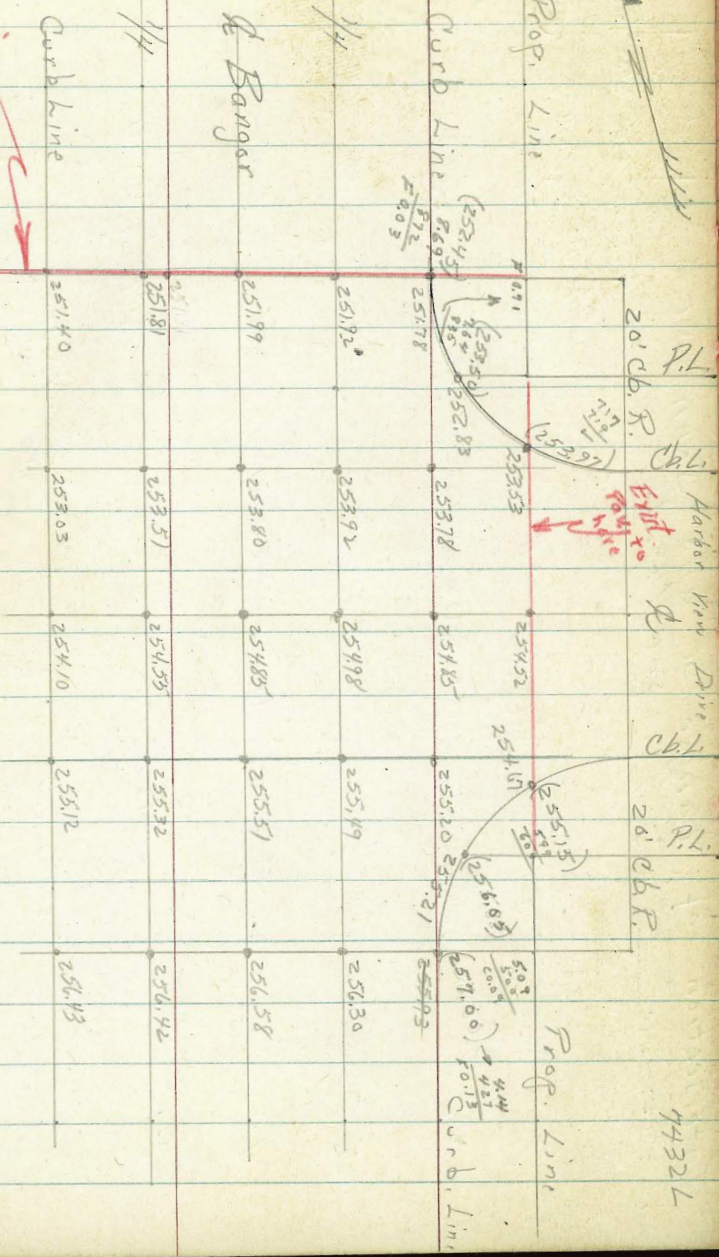
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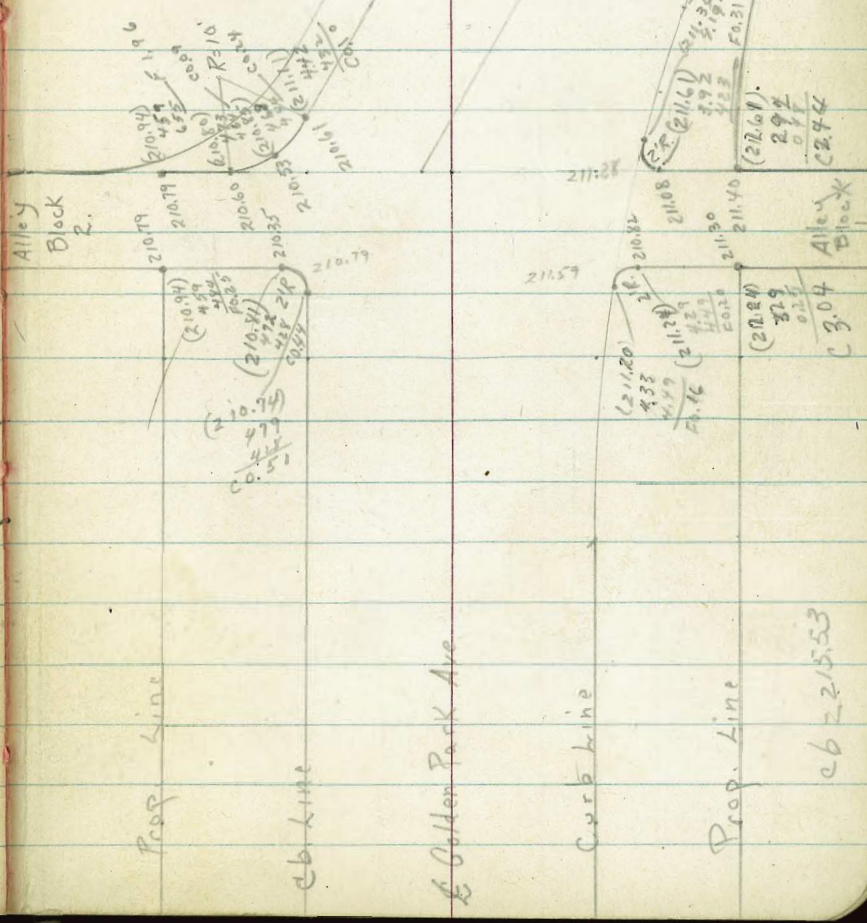
268192

Intersection of Bangor St. and Lucinda St. See 74324

Intersection of Bangor St and Harbor View Drive
 see 7432 L



7434 L
 Alley Returns
 Golden Park Ave. and
 Northernly Line of Cresta
 Real
 See 7434 L



Roberts
Garber
Main
Clark
2-16-50
WA 3405
0+95

Grade stakes Golden Park Ave.
(Lucinda St. to Bangor St.)

40

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JUN 26 1950

	Rough	Curb	Gutter	E	Gutter	Curb	Rough
0+95	8.66 12.6 F 3.9	209.67 586 ✓ 5.60 C0.26	209.17 7.37	209.54	209.30 7.24	209.20 5.73 ✓ 5.65 C0.08	8.53 0.9 C7.6
0+75	9.10 12.8 F 3.7	209.23 6.30 ✓ 5.83 C0.47	208.73 7.81	209.13	208.94 7.60	209.44 6.09 ✓ 5.95 C0.14	8.99 0.8 C8.1
0+53 P/C	9.50 11.7 F 2.4	208.83 6.70 ✓ 6.56 C0.14	208.33 8.21	208.80	208.68 7.86	209.18 6.35 ✓ 6.39 F0.04	9.15 1.6 C7.6
0+32.50		208.89 7.44 ✓ 7.22 F0.08	208.39 8.15	208.46	208.44 8.10 8.05	208.94 6.59 ✓ 6.60 F0.01	
0+10 Cb. EC.	10.38 10.9 F0.5	207.53 207.95 7.58 7.77 F0.19	207.45 9.09	208.12	208.20 8.34 8.15	208.70 6.83 ✓ 6.67 C0.16	9.630 1.7 C7.9
0+00 So. Line Lucinda End E. (47 Pav.)	10.81 10.9 ✓	207.52 8.01 ✓ 8.14	207.03 9.51 9.64	208.07	208.71 7.93 7.77	209.12 6.41 ✓ 6.54	9.21 9.32
BM	10.22	215.53					
	1302	218.33					
Cross Feet	11.23	216.59					

522 7432 L

	Rough	Curb	Gutter	Σ	Gutter		Rough
2+27.30 F 0.04		214.56 213.78 1.25 ✓ 1.89 F0.24	213.56 3.37	213.86	213.60 3.03	215.53 Curb 213.98 214.10 1.55 ✓ 1.34 C0.21	
2+05.65 Curb EC on Right C 0.31	2.11 46. C0.5	213.09 213.22 2.44 ✓ 2.08 C0.36	212.72 4.61	213.05	212.79 3.75	213.29 2.24 ✓ 2.46 F0.22	5.04 3.5 C1.5
1+76.30		212.10 212.14 3.43 ✓ 3.28 C0.15	211.61 4.93	211.85	211.94 5.06	212.44	
1+78.25 ⁵ So. Line Alley Join in Es L.Rt.	7.32 13.3 F1.0	211.01	210.51	211.00	211.09	211.59 6.74 7.6 C5.1	
1+38.25 ⁵ No. Line Alley		See Page 39 for Alley Returns.					
1+15 ⁵	8.18 12.6 F4.4	210.13 5.38 ✓ 4.32 C0.46	209.65 6.87	210.01	209.78 6.76 6.87 C0.6 6.2 6.5	209.78 8.55 0.6 C8.0	
1+10 ³⁶ CBBC on Rt			215.53 Curb 218.38 Rough	216.54 Curb		210.68 4.85 4.90 F0.05 210.26 5.27 5.38 F0.03	

Cont'd From Page 41

	T.P. Rough		Rough	Curb	Gutter		Gutter	Curb	Rough
3-128.95 E.V.C.	11.47	228.22	0.54	217.79			217.36	217.60	42 Rough
CO.18			0.77 0.05	217.60 217.34	9.03		9.00	217.32	1.01 16 F.S.6
				7.95 782				7.97 795	0.93 16 H.0.9
				CO.13				CO.02	
3+08.95	1.65	1.34		216.64	216.49	216.75	216.49	216.66	1.67
F.O.34	17			216.99	9.87		9.63	216.66	1.24
				8.61				8.63	1.24
				9.15				9.17	F.O.1
				F.O.54				F.O.16	F.O.5
T.P. Crow.	9.60	225.92	0.32	216.22				215.99	
2+88.95	2.31	1.98		216.02	215.85	216.11	215.85	216.25	2.34
F.O.46	2.8	2.8		216.25	1.32		0.98	9.30	2.7
	F.O.5	F.O.8		9.27				9.37	F.O.4
				10.03				F.O.07	F.O.7
				F.O.76					
2+68.95	2.97	3.67		215.36	215.16	215.42	215.16	215.32	3.01
F.O.41	3.5	3.5		215.66	2.10		1.72	215.66	3.0
	F.O.5	F.O.8		9.93				9.97	3.0
				10.74				9.88	3.0
				F.O.81				CO.09	3.0
T.P. Curb	10.03	225.29	0.27	215.26 (Curb)				215.09	3.47
2+62.07 BC				215.13	214.90	215.16	214.90	215.09	3.0
F.O.28				215.40				0.44	3.0
				0.40				0.22	3.0
				1.06				CO.17	3.0
				F.O.66					3.0
2+48.95 PVC	3.66	3.42		214.67	214.41	214.67	214.41	214.67	3.66
F.O.02	3.9	3.9		214.94	2.68		2.37	214.94	3.42
	F.O.2	F.O.5		0.86				0.86	3.42
				1.18				6.65	3.42
				F.O.32				CO.21	3.42

214.32 Rough 215.53 Curb 216.54 crown

Cont'd From Page 42

43

	Rough	Curb	Gutter	E	Gutter	Curb	Rough
4+74.70	6.73 7.9 F1.0	221.95 3.34 3.31 C0.03	221.45 4.37	221.62	221.27 4.55	221.77 3.52 3.65 F0.13	7.11 8.3 F1.2
4+47.58	2.75 .85 F0.7	221.13 4.16 4.20 F0.04	220.63 5.19	220.83	220.51 5.31	221.01 4.28 4.23 C0.05	7.87 2.7 F1.0
4+70.46 27.12	8.58 7.0 F0.4	220.30 4.99 5.36 F0.37	219.80 6.02	220.03	219.74 6.08	220.24 5.05 4.96 C0.09	8.64 9.6 F1.0
3+93.34 E.C.	9.40 9.5 F0.1	219.47 5.81 6.05 F0.24	218.98 6.84	219.24	218.94 6.84	219.48 5.81 5.76 C0.05	9.40 10.3 F0.9
3+71.87	218.59 10.49 10.0 C0.5	218.75 218.86 6.54 6.45 C0.09	218.36 7.57	218.62	218.36 7.56	218.76 218.86 6.53 6.51 C0.02	218.40 10.48 11.4 F0.9
21.46 3+61		218.03 218.23 7.26 6.76 C0.50	217.73 8.29	217.99	217.73 8.28	218.04 218.22 7.25 7.14 C0.11	

225.29 Curb
228.88 E.C.

225.82 Crown

Cont'd From Page 43

TP Rough	1167	228.97	1.56	227.32				44
		Rough	Curb	Gutter	ℓ	Gutter	Curb	Rough
6708.94		1.90 40 F 2.1	226.98 10.11 ✓ 18.49 F0.38	226.38 10.46	226.26	225.61 11.23	226.11 10.98 ✓ 10.98 Grade	2.77 33 F0.5
5788.94		2.92 -5.1 F 2.2	225.96 11.13 ✓ 11.51 F0.38	225.46 11.38	225.31	224.64 12.20	225.14 11.95 ✓ 11.85 C0.10	3.74 41 F0.4
T.P. Crow	11.66	226.84	0.64	225.18				
T.P. Curb	1216	237.09	0.36	224.93				
5768.94		3.93 32 F 4.4	225.05 0.24 ✓ 0.36 F0.12	224.55 1.27	224.43	223.78 2.04	224.28 1.01 ✓ 0.81 C0.20	4.60 49 F0.3
5748.94		4.62 62 F 1.6	224.26 1.03 ✓ 1.19 F0.16	223.76 2.06	223.82	223.35 2.47	223.85 1.44 ✓ 1.44 Gd	5.03 57 F0.7
5728.94 P.K.		5.28 65 F 1.2	223.60 1.69 ✓ 1.95 F0.26	223.10 2.72	223.21	222.80 3.02	223.30 1.99 ✓ 2.02 F0.03	5.58 64 F0.8
5701.82		610 66 F0.5	222.78 2.51 ✓ 2.76 F0.25	222.28 3.54	222.42	222.04 3.78	222.54 2.75 ✓ 2.83 F0.08	6.34 74 F 1.1
				225.29 Curb 228.88 Rough		225.82 Crow		

Contd From Page 44

45

	Rough	Curb	Gutter	Σ	Gutter	Curb	Rough
7+08.95	5.28 3.8 <u>1.5</u>	233.71 3.38 ✓ <u>302</u> 20.36	233.04 3.80	232.89	232.21 4.63	232.71 4.38 ✓ <u>449</u> F0.11	6.28 3.9 <u>2.4</u>
6+88.95	6.84 7.7 <u>F0.9</u>	232.15 4.94 ✓ <u>529</u> F0.35	231.48 5.36	231.33	230.63 6.21	231.15 5.94 ✓ <u>604</u> F0.10	7.84 5.6 <u>2.2</u>
6+68.95	8.27 8.8 <u>F0.5</u>	230.72 6.37 ✓ <u>685</u> F0.78	230.05 6.79	229.90	229.22 7.62	229.72 7.37 ✓ <u>736</u> C0.01	9.27 11.5 <u>F2.2</u>
6+48.95	9.59 10.0 <u>F0.4</u>	229.40 7.69 ✓ <u>797</u> F0.28	228.73 8.11	228.58	227.90 8.94	228.40 8.69 ✓ <u>867</u> Grade	10.59 11.6 <u>F1.0</u>
6+28.95	10.80 11.1 <u>F0.2</u>	228.19 8.90 ✓ <u>709</u> F0.17	227.52 9.32	227.37	226.69 10.15	227.19 9.90 ✓ <u>10.16</u> F0.26	11.80 12.2 <u>F0.9</u>
6+15.22 BC		227.36 9.73 ✓ <u>10.18</u> F0.45	226.69	226.64	226.00	226.50 10.59 <u>11.04</u> F0.45	

237.09 curb
238.99 Row

236.84 row

Cont'd From Page 45

46

	Rough	Curb	Gutter	Q	Gutter	Curb	Rough
8+43.27 EC	3.87 21 C 1.8	245.34 3.47 ✓ 366 FO.19	244.67 3.34	244.41	243.63 4.38	244.13 4.68 ✓ 514 FO.46	508 22 C 2.9
8+20.40	5.87 30 C 2.9	243.34 5.47 ✓ 571 FO.24	242.67 5.34	242.44	241.68 6.33	242.18 6.63 ✓ 686 FO.23	703 29 C 4.1
7+97.53	7.86 39 C 4.0	241.35 7.46 ✓ 762 FO.16	240.68 7.33	240.47	239.73 8.28	240.23 8.58 ✓ 864 FO.06	898 42 C 4.2
7+74.67	9.85 46 C 5.3	239.36 9.45 ✓ 940 FO.05	238.69 9.32	238.50	237.78 10.23	238.28 10.53 ✓ 1060 FO.07	1093 62 C 4.7
T.P. Crow 11.84 7+51.81	248.01 11.84 12.2 FO.4	0.77 237.37 11.44 ✓ 11.36 C 0.08	236.07 236.70 0.14	236.53	235.83 1.01	236.33 12.48 ✓ 1249 FO.01	1288 83 C 4.6
T.P. Curb 12.49 T.P. Rough 11.84 7+28.95 EVC	248.81 249.21 3.61 27 C 0.7	0.77 166 235.38 1.71 ✓ 114 C 0.57	236.32 237.33 234.71 2.13	234.56	233.88 2.96	234.38 2.71 ✓ 268 C 0.03	461 40 C 3.6

237.09 Curb
238.99 Rough

236.84 Crow

Cont'd From Page 46

	Rough	Curb	Gutter	L	Gutter	Curb	Rough
9+63.47	6.59 32 23.8	253.62 7.20 ✓ <u>7.12</u> 20.01	253.12 7.91	253.18	252.80 8.23	253.30 7.52 ✓ <u>7.51</u> 20.01	69.1 66 <u>20.3</u>
9+38.63	8.27 45 23.2	251.94 8.88 ✓ <u>8.79</u> 20.18	251.44 9.59	251.46	251.10 9.73	251.60 9.22 ✓ <u>9.20</u> 20.02	8.41 85 <u>20.1</u>
9+13.79	9.75 78 2.2	250.26 10.56 ✓ <u>10.63</u> F 0.07	249.76 11.27	249.74	249.40 11.63	249.90 10.92 ✓ <u>11.08</u> F 0.16	10.3.1 97 <u>20.6</u>
T.P. Curb 12.39 8+88.95 BRK	260.82 11.23 102 21.4	0.37 248.58 0.23 ✓ <u>0.37</u> F 0.14	248.44 248.08 12.95	248.02	247.71 13.32	248.81 248.21 0.60 ✓ <u>0.91</u> F 0.31	12.00 11.9 <u>20.1</u>
T.P. Crown 13.04 TP Rough 11.70 8+68.95 BRK	261.03 260.21 201 6.7 21.3	0.02 0.70 247.20 1.61 ✓ <u>1.88</u> F 0.27	247.99 248.51 246.58 1.43	246.60	246.10 1.91	246.60 2.21 ✓ <u>2.50</u> F 0.29	261 1.5 <u>21.1</u>
8+48.95 BRK	1.15	245.76 3.05 ✓ <u>3.16</u> F 0.11	245.09 2.92	244.92	244.23 3.78	244.73 4.08 ✓ <u>4.34</u> F 0.26	

248.91 curb
249.21 rough

248.01 curb

47

Contd From Page 47

48

	Rough	Curb	Gutter	£	Gutter	Curb	Rough
check (curb)		2.40	258.42 = 258.40				
10 + 53.81						258.30 2.52 ✓ <u>2.48</u> 00.04	
10 + 34.31						257.52 3.30 ✓ <u>3.36</u> F0.06	1053 1043
c.k. crew		2.41	259.42 = 258.40				
check		1.78	258.43 = 258.40	pg 25			
10 + 14.81		257.10 3.72 ✓ <u>4.25</u> F0.53	256.60 4.43		256.25 4.79	256.75 4.07 ✓ <u>4.32</u> F0.25	
See Page 30 For Intersection of Golden & Bangor							
10 + 13.15	Prop. Bc on left	3.21 <u>3.5</u> 0.3	27.00 256.50	256.61	256.20	256.70	3.51 <u>4.2</u> F0.7
9 + 88.31		4.90 3.3 <u>1.6</u>	255.31 1.51 ✓ <u>2.88</u> F0.37	254.81 6.22	254.90 254.50 6.53	260.82 255.00 5.82 <u>6.04</u> F0.22	5.21 <u>5.2</u> Grade

260.82 curb
260.21 Rough

Roberts
Garber
Moore
Clark
2-21-50
W.O. 3724

Grade Stoker for Beta St. Sewer

415 to 42nd

FB 1849 pg 49

7700L

50

St. 66.05 # 25' on Split
I.R. 7° 24' 15"

2 + 39.75 MA#1

60.07

15.07

3.45

C 11.62

0 + 95.90

54.17

9.35

3.37

C 5.98

INDEXED

WJK

JUN 26 1950

0 + 71.92

53.19

10.33

4.45

C 5.88

2 + 15.77

59.09

16.05

4.97

C 11.06

0 + 47.95

52.20

11.32

5.60

C 5.72

1 + 91.80

58.10

17.04

7.35

C 9.69

0 + 23.97

51.22

12.30

7.02

C 5.28

1 + 67.82

57.12

18.02

9.52

C 8.50

6' Offset on Left

0 + 00 Exist MH.

50.24

13.28

13.22

C

1 + 43.85

56.14

19.00

11.46

C 7.54

T.P. 1.80

63.52

13.03

61.72

T.P. 11.69 75.14

0.07

63.45

1 + 19.87

53.15

8.37

T.P. 0.88

74.75

12.37

73.87

1.80

C 6.57

BM Ten? 1.71

86.24

84.53 see FB
1849 pg 50
dat in Polr
SW 42 & Beta

63.52

Cont'd From Page 50

£

3+93.74	66.38
	20.22
	<u>11.15</u>
	C 9.07

3+68.07	65.33
	21.27
	<u>11.62</u>
	C 9.65

T.P.	12.00	86.60	0.54	74.60
3+92.41		64.28		
		<u>10.86</u>		
		0.54		
		C 10.32		

3+16.74	63.22
	11.92
	<u>1.13</u>
	C 10.79

2+91.08	62.17
	12.97
	<u>1.82</u>
	C 11.15

2+65.41	61.12
	14.02
	<u>2.58</u>
	C 11.44

75.14
↑

51

5+47.73	72.70
	13.90
	<u>7.28</u>
	C 6.62

5+22.06	71.64
	14.96
	<u>8.02</u>
	C 6.94

4+96.40	70.59
	16.01
	<u>8.68</u>
	C 7.33

4+70.73	69.54
	17.06
	<u>9.25</u>
	C 7.81

4+45.07	68.47
	18.11
	<u>9.85</u>
	C 8.26

4+19.40	67.43
	19.17
	<u>10.57</u>
	C 8.58

86.60
↑

Cont'd From Page 51

£

52

Check

2.07 84.53 = 84.53 ^{Start BM}

End
6+24.75 MH#2
6.825' at 90°

75.86
10.74
5.12
C 5.62

End
5+99.06 MH#2

74.80
11.80
5.83
C 5.97

5+73.39

73.15
12.85
6.66
C 6.19

86.60
↑

Grade Stakes for Kalmia St.

Roberts (Montclair to Vancouver)

Gardner 7723L FB 2039 pg. 2

Moore Clark Rough Curb

2-24-50 W.O.# 31306

0+50 PVC 7.99 271.10

INDEXED 52 270.60

JUN 26 1950 2.8 270.60

0+20 BRK Lt 269.51

0+10 BRK 269.20

Curb EC 0+05 269.12

E. Prop. L. Montclair 10.09 269.00

0+00 Edge. Eist Pav. 10.01 269.00

BM 9.56 279.09

Gutter £ Gutter

Curb

53
Rough

270.60 8.49
6.6
1.9

268.15

267.80 11.29
11.27

269.53 NEBP Kalmia & Montclair St.

Cont'd From Page 53

	Rough	Curb	Gutter	ℓ	Gutter	Curb	Rough 54
1470 ¹⁵ East Line Alley on North	530 40 C13	273.94 273.79				273.29	580 51 C0.7
1450 ¹⁵ West Line Alley on North	519 40 C1.0	274.05 273.90				273.40	569 50 C0.7
1430	530 38 C1.5	273.79				273.29	580 51 C0.7
1410	563 43 C1.3	273.46				272.90	619 57 C0.5
0790	720 37 C3.5	272.89				272.39	770 59 C1.8
0770	698 47 C2.3	272.11				271.61	748 62 C1.3

279.00 Rough
A

Cont'd From Page 54

55

	Rough	Curb	Gutter	Σ	Gutter	Curb	Rough
2+50 EVC	7.99 <u>60</u> C 2.6	271.10				270.60	8.49 <u>93</u> C 1.2
2+30	6.98 <u>48</u> C 2.2	272.11				271.61	7.48 <u>67</u> C 0.8
2+20 ²⁰ East Line Alley on South						272.00	272.15 7.09 <u>6.0</u> C 1.1
2+10	6.20 <u>44</u> C 1.8	272.89				272.39	
2+00 ²⁰ West Line Alley on South						272.69	272.84 6.40 <u>5.2</u> C 1.2
1+90	5.63 <u>4.1</u> C 1.5	273.46				272.96	6.13 <u>5.1</u> C 1.0

279.09 Rough

Cont'd From Page 55

	Rough	Curb	Gutter	C	Gutter	Curb	⁵⁶ Rough
3+20 ²⁹ West P. Limb Vancouver	11.29 8.0 <u>C 3.9</u>	267.20	275.71 852 <u>267.19</u>			266.92	12.17 <u>10.4</u> C 1.8
3+5 ²⁹ Curb BC on Lt.	11.64 2.0 <u>C 3.6</u>	267.45		275.71 897 <u>266.74</u>			
3+10 BRK Lt.		267.75					
3+00 BRK Rt & Lt	10.51 7.6 <u>C 2.9</u>	268.59				267.80	11.29 <u>9.9</u> C 1.4
2+80 Right Prop BC on	9.67 6.5 <u>C 3.2</u>	269.42				268.92	10.17 <u>9.0</u> C 1.2
2+63.61 Curb BC on Right						269.84	

Grade Change on
Bangor St.

57

2725 No. Line
John

262.09

261.34
5.49

262.01
8.83
8.92
17.75

5.73
3.4
2.3

2705 Rt. only

262.56
4.27

263.23
7.61
7.71
15.32

7.57
2.5
5.0

1785 Rt only

263.54
3.29

264.21
6.63
6.70
13.33

3.53
1.5
2.0

1765 Saline
John

264.40
2.43

265.07
5.77
5.81
11.58

2.67
0.5
2.2

1750 Rt #
Rough Grad
Entry

265.25
67

264.59
3.68

265.71

2.03
1.1
0.9

1730

266.23

266.57

N

BM

13.93

217.74 Rough

254.71

SEC. COR. IN RP CT
Bangor & Har. V. Dr.

266.83 crow

268.26 crow

270.84 corbs

Rough Curb

check (urb)
 End = +20
 3+53 Lt. Only

15.67	252.07	254.92 = 254.71
15.3	9.07	251.40
<u>0.4</u>	8.02	8.46
	C 1.05	

3+31.6

253.84	253.27
7.80	
<u>6.23</u>	6.59
C 0.97	

Crow → 5.15

259.86	254.71
<u>1</u>	

3+08.3 1/2 L. 4 V. Dr.

255.81	255.14
5.33	
<u>3.52</u>	11.67
C 1.81	11.02

2+85 = +60 EVC

10.05	257.69	257.02	257.00	10.74
<u>70</u>	3.45	9.81		<u>67</u>
C 3.0	<u>3.37</u>			C 4.0
	C 0.08			

T.P. 3.27

2+65 = +40

261.14	13.07	257.77 Curbs	258.16	258.83	8.91
<u>8.75</u>	259.29	258.62	8.67	12.01	<u>56</u>
<u>64</u>	11.55	8.21		<u>12.15</u>	C 2.3
C 2.1	<u>11.14</u>			F 0.12	
	C 0.41				

2+45 = +20

6.94	260.80	260.13	259.88	260.55	7.19
<u>59</u>	10.04	6.70	6.95	10.29	<u>52</u>
C 1.9	<u>10.14</u>			<u>10.43</u>	C 2.0
	F 0.10			F 0.14	

Crow → 12.12

266.83	254.71	4 cc H.V. Dr. + Bangor
<u>1</u>		

267.74 Rough

270.84 C+bs

Curb Rough 58

Grade Stakes for La Jolla Blvd. &

Reberts
Garber
Moore
Clarke
2-21-50
W.O. 62159

Turquoise

7734 L

lt. Only

(Station)
0+75

lt. Only

71.88
11.36
9.69
C 1.67

2+30

73.64
9.60
7.02
C 2.58

INDEXED
W.K.
JUN 26 1950

0+37.5

71.56
11.68
10.02
C 1.66

2+10

73.30
9.94
7.19
C 2.75

34.46=C

0+00 BC

71.25
11.99
11.23
C 8.76

1+90

72.99
10.25
7.51
C 2.74

Carla way
0-19.27 CB EC

71.25
11.99
11.53
C 0.46

1+70

72.73
10.51
7.82
C 2.69

1838=C

1+50 PVC

72.51
10.73
8.25
C 2.48

Set TBM 11.34 83.24 6.195 71.90 Ent New cb. opposite 5256

T.P. 7.92 78.095 4.05 70.175

T.P. 4.50 74.225 4.58 69.725

TP 2.935 74.305 9.00 71.37

1+125

72.19
11.05
10.70
C 0.35

BM 2.39 80.37 77.98 Colina La Jolla

83.24

Cont'd From Page 59.

Lt. Only

3+50 EVC

76.60
6.64
363
C 3.01

3+30

76.00
7.24
494
C 2.30

3+10

75.45
7.79
574
C 2.05

2+90

74.93
8.31
593
C 2.36

2+70

74.46
8.78
630
C 2.48

2+50

74.03
9.21
667
C 2.54

83.24

Start. BM
Check

2.71 77.975 = 77.98

T.P. 8.83 80.885 2.35 72.055

T.P. 4.72 74.405 4.015 67.685

T.P. 3.58 73.70 7.975 70.12

T.B.M. 6.175 78.095 - 71.90

4+68.30 EC

80.26
298
059
C 2.39

4+28.80

79.04
420
158
C 2.62

36.24 = C

3+89.43

77.82
542
305
C 2.37

98.74

60

Roberts
Garber
Moore
Clarke
4-14-56
check
T.P.

Grade Stakes for Sewer in

Oakmere & Acacia Parks
0.24 462.36 = 462.41
11.21 462.60 0.45 451.39

Ref: {1430D {1431D } FB2008 Also see GB 271 pg 15
{1432D {1433D }

1+30.00

435.76
15.88
462
C 11.26

2+93.63

444.56
22.88
5.86
C 17.02

INDEXED

1+05.00 BRK

JUN 26 1950

427.91
23.93
11.82
C 12.11

2+65.91

444.45
22.99
6.97
C 16.02

T.P. 12.37

451.84

0.27

437.47

422.89
16.85
6.61
C 10.24

2+38.19

444.34
23.10
8.42
C 14.68

0+78.75

T.P. 12.96

439.74

0.09

426.78

417.88
8.99
0.09
C 8.90

2+10.46

444.23
23.21
9.25
C 13.96

0+26.25

412.86
14.01
6.18
C 7.83

1+82.73

444.12
23.32
10.45
C 12.87

57825 FB 2008

0+00 = 321.35 West & N. Var & Stewart
6.31', 25' & 50' RP Rt on L Split

407.85
19.02
10.64
C 8.38

1+55 - MH #1
6' & 25' RP Rt 90°

444.01
23.43
13.25
C 10.18

BM 11.73

426.87

415.14 on hub

See pg 12 FB 2008
Sta. 57825

467.44

BM 5.03

467.44

462.41 I.P.R

See FB 2008 pg 10
Miller & Stewart

1+24.65

$$\begin{array}{r} 453.62 \\ 13.82 \\ \hline 536 \\ C 8.46 \end{array}$$

2+13.29

$$\begin{array}{r} 454.57 \\ 16.26 \\ \hline 700 \\ C 9.26 \end{array}$$

0+99.72

$$\begin{array}{r} 453.50 \\ 13.94 \\ \hline 507 \\ C 8.87 \end{array}$$

T.P.

$$\begin{array}{r} 7.89 \\ 470.83 \\ \hline \uparrow \end{array}$$

2+49.29 - M.H. 13 L.Lt.

 ♀ Millar & ♀ Rose
 7.14' & 25' R.P. on L Split SW

4.50 462.74

From MH 2

454.25

13.19

465

C 8.54

To MH 14

454.45

12.99

465

C 8.34

0+74.79

$$\begin{array}{r} 453.97 \\ 14.07 \\ \hline 485 \\ C 9.22 \end{array}$$

2+24.37

$$\begin{array}{r} 454.12 \\ 13.32 \\ \hline 443 \\ C 8.89 \end{array}$$

0+49.86

$$\begin{array}{r} 453.25 \\ 14.19 \\ \hline 478 \\ C 9.41 \end{array}$$

1+99.44

$$\begin{array}{r} 454.00 \\ 13.44 \\ \hline 485 \\ C 8.59 \end{array}$$

0+24.93

$$\begin{array}{r} 453.12 \\ 14.32 \\ \hline 510 \\ C 9.22 \end{array}$$

1+74.51

$$\begin{array}{r} 453.87 \\ 13.57 \\ \hline 521 \\ C 8.36 \end{array}$$

 3+21.35 PDMH #2 = 0+00 (to MH 15)
 ♀ Stewart & ♀ Millar (to MH 13)
 8.49', 25' & 50' RPSE on L Split

$$\begin{array}{r} 467.44 \\ \hline \text{To MH 3} \\ 444.68 \\ 22.76 \\ \hline 492 \\ C 17.94 \end{array} \quad \begin{array}{r} \text{To MH 15} \\ 447.70 \\ 19.74 \\ \hline 492 \\ C 14.82 \end{array} \quad \begin{array}{r} \text{To MH 13} \\ 453.00 \\ 14.14 \\ \hline 492 \\ C 9.52 \end{array}$$

1+49.58

$$\begin{array}{r} 453.73 \\ 13.69 \\ \hline 550 \\ C 8.19 \end{array}$$

467.44

467.44

4+17.29

$$\begin{array}{r} 455.29 \\ 15.54 \\ \hline 520 \\ C 10.34 \end{array}$$

5+61.29

$$\begin{array}{r} 456.01 \\ 14.82 \\ \hline 556 \\ C 9.26 \end{array}$$

3+93.29

$$\begin{array}{r} 455.17 \\ 15.66 \\ \hline 522 \\ C 10.44 \end{array}$$

5+37.29

$$\begin{array}{r} 455.89 \\ 14.94 \\ \hline 537 \\ C 9.57 \end{array}$$

3+69.29

$$\begin{array}{r} 455.05 \\ 15.78 \\ \hline 556 \\ C 10.22 \end{array}$$

5+13.29

$$\begin{array}{r} 455.77 \\ 15.06 \\ \hline 510 \\ C 9.96 \end{array}$$

3+45.29

$$\begin{array}{r} 454.93 \\ 15.90 \\ \hline 550 \\ C 10.70 \end{array}$$

4+89.29

$$\begin{array}{r} 455.65 \\ 15.18 \\ \hline 528 \\ C 9.90 \end{array}$$

3+21.29

$$\begin{array}{r} 454.81 \\ 16.02 \\ \hline 600 \\ C 10.02 \end{array}$$

4+65.29

$$\begin{array}{r} 455.53 \\ 15.30 \\ \hline 509 \\ C 10.21 \end{array}$$

2+97.29

$$\begin{array}{r} 454.69 \\ 16.14 \\ \hline 646 \\ C 9.68 \end{array}$$

4+41.29

$$\begin{array}{r} 455.41 \\ 15.42 \\ \hline 521 \\ C 10.21 \end{array}$$

470.83

470.83

7+21.29

$$\begin{array}{r} 457.7 \\ 13.46 \\ 61.9 \\ \hline C 7.29 \end{array}$$

4+41.35 Chimney

$$\begin{array}{r} 445.16 \\ 22.15 \\ 4.22 \\ \hline C 17.93 \end{array}$$

6+93.29

$$\begin{array}{r} 457.09 \\ 13.74 \\ 63.4 \\ \hline C 7.40 \end{array}$$

4+11.35

$$\begin{array}{r} 445.04 \\ 22.27 \\ 4.38 \\ \hline C 17.89 \end{array}$$

6+65.29

$$\begin{array}{r} 456.81 \\ 14.02 \\ 62.9 \\ \hline C 7.73 \end{array}$$

3+81.35

$$\begin{array}{r} 444.92 \\ 22.39 \\ 4.54 \\ \hline C 17.85 \end{array}$$

6+37.29

$$\begin{array}{r} 456.53 \\ 14.36 \\ 60.9 \\ \hline C 8.21 \end{array}$$

3+51.35

$$\begin{array}{r} 444.80 \\ 22.51 \\ 4.69 \\ \hline C 17.82 \end{array}$$
6+09.29 MH 14
5' #25' RR Rt
$$\begin{array}{r} 456.25 \\ 14.58 \\ 62.3 \\ \hline C 8.35 \end{array}$$
BM 4.90 467.31
3+21.35 DDMH2
$$\begin{array}{r} 462.41 \\ 444.68 \\ \hline C 17.84 \end{array}$$

See Pg 62

5+85.29

$$\begin{array}{r} 456.13 \\ 14.70 \\ 57.8 \\ \hline C 8.92 \end{array}$$
7+49.29 DE
to Rose
$$\begin{array}{r} 457.65 \\ 13.18 \\ 6.25 \\ \hline C 6.93 \end{array}$$

470.83

470.83

5+91.35 Chimney

$$\begin{array}{r} 445.76 \\ 21.55 \\ \hline 441 \\ \hline C17.14 \end{array}$$

T.P. 4.69 467.37
 7+21.35 MH.#3
 6' #25' R4 on 65 split

$$\begin{array}{r} 4.63 \quad 462.68 \\ 446.28 \\ \hline 21.03 \\ \hline 4.63 \\ \hline C16.40 \end{array}$$

5+66.35

$$\begin{array}{r} 445.66 \\ 21.65 \\ \hline 440 \\ \hline C17.25 \end{array}$$

6+91.35 Chimney

5+41.35 Chimney

$$\begin{array}{r} 445.56 \\ 21.75 \\ \hline 442 \\ \hline C17.33 \end{array}$$

$$\begin{array}{r} 446.16 \\ 21.25 \\ \hline 4.54 \\ \hline C16.61 \end{array}$$

5+16.35

$$\begin{array}{r} 445.46 \\ 21.85 \\ \hline 445 \\ \hline C17.40 \end{array}$$

6+66.35

$$\begin{array}{r} 446.06 \\ 21.25 \\ \hline 4.54 \\ \hline C16.71 \end{array}$$

4+91.35 Chimney

$$\begin{array}{r} 445.36 \\ 21.95 \\ \hline 444 \\ \hline C17.51 \end{array}$$

6+41.35 Chimney

$$\begin{array}{r} 445.96 \\ 21.35 \\ \hline 4.52 \\ \hline C16.83 \end{array}$$

4+66.35

$$\begin{array}{r} 445.26 \\ 22.05 \\ \hline 441 \\ \hline C17.67 \end{array}$$

6+16.35

$$\begin{array}{r} 445.86 \\ 21.45 \\ \hline 4.52 \\ \hline C16.93 \end{array}$$

See FB 2004
Pg 14

396 463.41 ~~66~~ 63.39
To MH 17

T.P.

To MH 9 From MH 3 To MH 5

10+31.70 DMH #4 453.00 447.52 447.72
11.30' 25' # 50' RP 32° 04' 52" SE 14.37 19.85 19.65
Stewart, California, 63 480 480 480
C9.57 C15.05 C14.85

8+68.54
446.87
20.50
434
16.16

8+41.35 Chimney
446.76
20.61
513
C15.48

8+16.35
446.66
20.71
513
C15.58

7+91.35 Chimney
446.56
20.81
509
C15.72

7+66.35
446.46
20.91
500
C15.91

7+41.35 - Chimney
446.36
21.01
480
C16.21

10+04.49
447.42
19.95
433
C15.62

9+77.30
447.31
20.06
434
C15.72

9+50.11
447.20
20.17
422
C15.95

9+22.92
447.09
20.28
414
C16.14

8+95.73
446.98
20.39
427
C16.12

467.37

467.37

25
706
17.74

67

1427.95

466.16
448.34
17.82
564
C 12.18

2+84.89

466.16
449.39
16.77
788
C 8.89

1402 Chimney

466.16
448.21
17.95
508
C 12.87

2+57.89 MH.#15
706 #25 R.P. on 4 split SE
& Millar 5' No. of S. line Hobart

466.16
From MH 2
448.99
17.17
880
C 8.37

466.16
To MH 16
449.20
16.96
880
C 8.16

0+77

466.16
448.09
18.07
436
C 13.71

2+31.75

466.16
448.86
17.30
761
C 9.69

0+52 Chimney

466.16
447.96
18.20
442
C 13.78

2+05.80

466.16
448.73
17.43
690
C 10.53

0+26

466.16
447.83
18.33
400
C 14.33

1+79.85

466.16
448.60
17.56
641
C 11.15

0+00 = DDMH2
See pg. 62

447.70
C 14.82

1+53.90

466.16
448.47
17.69
589
C 11.80

BM 375 466.16

462.41

466.16

0+46.67

447.90
19.70
509
C 14.61

4+46.89

466.16
450.53
1563
805
C 7.58

0+23.33

447.81
19.79
450
C 15.29

4+19.89

466.16
450.34
1582
13.12
C 2.70

DMH4 to MH17

0+00 = (10+31.70) see pg 66

DMH17
447.72
C 14.85

3+92.89

466.16
450.15
1601
934
C 6.67

TBM

4.21 467.60

463.39

3+65.89

466.16
449.96
1620
771
C 8.49

5+27.89 M.H. 16
5' #25' RP on RE END

466.16
451.09
1507
556
C 9.51

3+38.89

466.16
449.77
1639
637
C 10.02

5+00.89

466.16
450.91
1525
536
C 9.89

3+11.89

466.16
449.58
1658
689
C 9.69

4+73.89

466.16
450.72
1544
589
C 9.55

466.16

466.16

1785

$$\begin{array}{r} 448.46 \\ 19.14 \\ \hline 541 \\ C 13.73 \end{array}$$

3739.86

2721.66

$$\begin{array}{r} 450.85 \\ 16.75 \\ \hline 467.60 \\ C 12.05 \end{array}$$

1765

$$\begin{array}{r} 448.38 \\ 19.22 \\ \hline 540 \\ C 13.82 \end{array}$$

2789.86 M/H 17
 E 63rd St. # 5 No. of So. Line Hobart St.
 6.14' # 25' RP on Split NE.

IN	OUT
448.88	449.50
18.72	18.10
<u>551</u>	<u>551</u>
C 13.21	C 12.59

1745 Chimney ✓

$$\begin{array}{r} 448.30 \\ 19.30 \\ \hline 534 \\ C 13.96 \end{array}$$

2768.24

21.62

$$\begin{array}{r} 448.80 \\ 18.80 \\ \hline 545 \\ C 13.35 \end{array}$$

1720

$$\begin{array}{r} 448.20 \\ 19.40 \\ \hline 542 \\ C 13.98 \end{array}$$

2746.62

$$\begin{array}{r} 448.71 \\ 18.89 \\ \hline 554 \\ C 13.35 \end{array}$$

0795

$$\begin{array}{r} 448.10 \\ 19.50 \\ \hline 522 \\ C 14.28 \end{array}$$

2725 Chimney

$$\begin{array}{r} 448.62 \\ 18.98 \\ \hline 558 \\ C 13.40 \end{array}$$

0770 Chimney

$$\begin{array}{r} 448.00 \\ 19.60 \\ \hline 512 \\ C 14.48 \end{array}$$

2705

$$\begin{array}{r} 448.54 \\ 19.06 \\ \hline 539 \\ C 13.67 \end{array}$$

467.60

467.60

10+81.30

$$\begin{array}{r} 447.92 \\ 19.52 \\ \hline 468 \\ C 14.84 \end{array}$$

12+30.10

$$\begin{array}{r} 448.52 \\ 18.92 \\ \hline 578 \\ C 13.17 \end{array}$$

10+56.50

$$\begin{array}{r} 447.82 \\ 19.62 \\ \hline 454 \\ C 15.08 \end{array}$$

12+05.30

$$\begin{array}{r} 448.42 \\ 19.02 \\ \hline 558 \\ C 13.44 \end{array}$$

10+31.70 DMH4
 R Catoctin #63⁰⁰
 #Stewart

TBM 405

467.44

$$\begin{array}{r} 467.44 \\ \times \\ \hline \end{array}$$
 See pg. 66

$$\begin{array}{r} \text{TO MH 5} \\ 447.72 \\ \hline C 14.85 \end{array}$$

11+80.50

$$\begin{array}{r} 448.32 \\ 19.12 \\ \hline 544 \\ C 13.68 \end{array}$$

4+89.86 D.E.

$$\begin{array}{r} 454.96 \\ 12.70 \\ \hline 429 \\ C 8.41 \end{array}$$

11+55.70

$$\begin{array}{r} 448.22 \\ 19.22 \\ \hline 526 \\ C 13.96 \end{array}$$

4+39.86

$$\begin{array}{r} 453.55 \\ 14.05 \\ \hline 402 \\ C 10.03 \end{array}$$

11+30.90

$$\begin{array}{r} 448.12 \\ 19.32 \\ \hline 505 \\ C 13.27 \end{array}$$

3+89.86

$$\begin{array}{r} 452.20 \\ 15.40 \\ \hline 466 \\ C 10.74 \end{array}$$

11+06.10

$$\begin{array}{r} 448.02 \\ 19.42 \\ \hline 479 \\ C 14.63 \end{array}$$

467.60

467.44

0+54.96

$$\begin{array}{r} 453.28 \\ 15.79 \\ \hline 576 \\ C 10.03 \end{array}$$

2+08.82

$$\begin{array}{r} 454.05 \\ 15.02 \\ \hline 530 \\ C 9.72 \end{array}$$

0+27.48

$$\begin{array}{r} 453.14 \\ 15.93 \\ \hline 557 \\ C 10.36 \end{array}$$

1+84.09

$$\begin{array}{r} 453.92 \\ 15.15 \\ \hline 535 \\ C 9.80 \end{array}$$

DMH #4 = 0+00 (10+31.70)
 & 63rd, & Catocbin & Stewart

$$\begin{array}{r} \text{To MH}^{\#9} \\ 453.00 \\ C 9.57 \end{array}$$

1+59.36

$$\begin{array}{r} 453.80 \\ 15.27 \\ \hline 540 \\ C 9.87 \end{array}$$

T.B.M. 5.68 469.07

463.39

See pg. 66

1+34.63

$$\begin{array}{r} 453.67 \\ 15.40 \\ \hline 545 \\ C 9.95 \end{array}$$

12+79.69 MH #5
 8.61', 26' & 50' RP on Split Rt.
 & Art & Catocbin

To MH7	In & out to N
448.81	448.71
18.63	18.73
583	583
C 12.80	C 12.90

1+09.90 MH #9
 5.01' & 25' R.P. Rt.
 & Choctaw & 63rd

To MH12	In & to MH10
453.75	453.55
15.32	15.52
544	544
C 9.88	C 10.08

12+54.90

$$\begin{array}{r} 448.62 \\ 18.82 \\ \hline 582 \\ C 13.00 \end{array}$$

0+82.44

$$\begin{array}{r} 453.42 \\ 15.65 \\ \hline 557 \\ C 10.08 \end{array}$$

467.44

469.07 x

3 + 65.75

$$\begin{array}{r} 454.84 \\ 14.23 \\ \hline 475 \\ \hline \text{C} 9.78 \end{array}$$

5 + 31.20

$$\begin{array}{r} 455.68 \\ 13.39 \\ \hline 479 \\ \hline \text{C} 9.20 \end{array}$$

3 + 38.18

$$\begin{array}{r} 454.70 \\ 14.37 \\ \hline 483 \\ \hline \text{C} 9.54 \end{array}$$

5 + 03.62

$$\begin{array}{r} 455.54 \\ 13.53 \\ \hline 420 \\ \hline \text{C} 9.33 \end{array}$$

3 + 10.61

$$\begin{array}{r} 454.56 \\ 14.51 \\ \hline 486 \\ \hline \text{C} 9.65 \end{array}$$

4 + 76.05

$$\begin{array}{r} 455.40 \\ 13.67 \\ \hline 430 \\ \hline \text{C} 9.37 \end{array}$$

2 + 83.04 MH #10

5.04' .25' #50' RP Rt.
63rd & Rose St.
$$\begin{array}{r} 454.42 \\ 14.65 \\ \hline 490 \\ \hline \text{C} 9.75 \end{array}$$

4 + 48.47

$$\begin{array}{r} 455.26 \\ 13.81 \\ \hline 445 \\ \hline \text{C} 9.36 \end{array}$$

2 + 58.28

$$\begin{array}{r} 454.30 \\ 14.77 \\ \hline 500 \\ \hline \text{C} 9.77 \end{array}$$

4 + 20.89

$$\begin{array}{r} 455.12 \\ 13.95 \\ \hline 454 \\ \hline \text{C} 9.41 \end{array}$$

2 + 33.55

$$\begin{array}{r} 454.17 \\ 14.90 \\ \hline 518 \\ \hline \text{C} 9.72 \end{array}$$

3 + 93.32

$$\begin{array}{r} 454.98 \\ 14.09 \\ \hline 464 \\ \hline \text{C} 9.45 \end{array}$$
469.07 π 469.07 π

Check see FB2007

467

465.29 = 465.28

8+74.10 D.E.

458.60
11.36
500
<u>73</u>
636

6+94.72

456.80
13.16
<u>516</u>
28.00

8+48.47

458.33
11.63
517
<u>6.46</u>

T.P.

5.05 469.96

4.16
IN

464.91
OUT

6+69.10 MH #11

456.35
12.72

456.55
12.52

8+22.85

458.08
11.88

63rd St # Easement

3.60

4.16

5.63

2.25

5' Rt of back leg

IN-C 9.12

OUT-C 8.36

6.25

5' #25' RPRt of fore leg

6+41.50

456.24
12.83
373
<u>9.10</u>

7+97.22

457.82
12.14
5.63
<u>6.51</u>

6+13.92

456.10
12.97
392
<u>9.05</u>

7+71.60

457.57
12.39
5.26
<u>7.13</u>

5+86.35

455.96
13.11
404
<u>9.07</u>

7+45.97

457.31
12.65
3.23
<u>7.42</u>

5+58.77

455.82
13.25
410
<u>9.15</u>

7+20.35

457.06
12.90
5.47
<u>7.43</u>

469.07

469.96

1726.65

454.37
14.75511
C 9.64

2778.63

455.12

14.00

470
C 9.30

1701.32

454.25
14.87532
C 9.55

2753.30

455.00

14.12

472
C 9.40

0775.99

454.12
15.00555
C 9.75

2727.97

454.87

14.25

472
C 9.53

0750.66

454.00
15.12570
C 9.42

2702.64

454.75

14.37

479
C 9.58

072533

453.87
15.25621
C-9.04

1777.31

454.62

14.50

490
C 9.600700 MH#9 (1709.90)
see pg. 71
E Chertow
E 63rd StTo MH#2
453.75
C 9.88

1751.98

454.50

14.62

500
C 9.62

6+35.26 DE

457.58
11.74
587
66.07

4+34.01

456.17
13.35
500
88.35

6+06.51

457.37
12.15
563
66.42

T.P. 5.32
4+05.26 MA 12
& Chertow # & Easement
7.07' & 30' Split Rt

469.52 π 4.72
IN
455.77
13.35
492
88.43

464.20
OUT
455.77
13.15
492
88.23

5+77.76

457.17
12.35
550
68.5

3+79.95

455.64
13.48
490
88.58

5+49.01

456.97
12.55
550
70.5

3+54.62

455.51
13.61
480
88.81

5+20.76

456.77
12.75
538
73.3

3+29.29

455.38
13.74
478
88.96

4+71.51

456.57
12.95
509
78.6

3+03.96

455.25
13.87
475
91.2

4+62.76

456.37
13.15
485
83.0

469.12 π

469.52 π

check			463.39	1153.24	449.42
T.P.	4.83	469.49	464.66		16.57
					4.83
					<u>11.74</u> 76

1730 DE			457.92	1427.70	449.32
			12.23		16.67
			448		480
			<u>47.15</u>		<u>11.87</u>

1704			457.53	1402.16	449.21
			12.62		16.78
			464		495
			<u>7.98</u>		<u>11.83</u>

0778			457.14	0766.2	449.11
			13.01		16.88
			491		496
			<u>8.10</u>		<u>11.92</u>

0752			456.75	0751.08	449.01
			1370		16.78
			579		499
			<u>8.21</u>		<u>11.99</u>

0726			456.36	0725.54	448.91
			1379		17.08
			545		506
			<u>8.34</u>		<u>12.02</u>

0700 MAH2 = 405.26 see pg 75			455.97	0700 = MH #5 = (12 + 79.69) R Catoclin & Art see pg 71	To MAH 448.81 12.80
			8.23		

TP	5.95	470.15	464.20	TBM	2.60	465.99	463.39
----	------	--------	--------	-----	------	--------	--------

3+32.02

450.13
15.86
453
C 11.33

4+59.00

450.74
16.12
627
C 9.85 77

3+06.48

450.03
15.96
453
C 11.43

4+33.81 From MH.7

450.64
16.22
562
C 10.60

2+80.94

449.93
16.06
455
C 11.51

#2 DE

450.93
15.91
500
C 10.91

2+55.40

449.83
16.16
455
C 11.61

#1

450.69
16.17
513
C 11.04

2+29.86

449.72
16.27
455
C 11.72

4+08.62 MH#7
E Art St & E Easement
6.93' #30 R.P. & Split SW

2N #7 DE TO MH#8
450.44 450.54
16.42
521
C 11.21 C 11.11

2+04.32

449.62
16.37
458
C 11.79

3+83.10

450.33
16.53
521
C 11.32

1+78.78

449.52
16.47
470
C 11.77

T.P. 5.26 466.86
3+57.56

4.39 461.60
450.23
15.76
439
C 11.37

465.99A

465.99A

6+35.33

451.44
1.542
626
C 9.16

8+12.23

452.15
10.99
452
C 6.47

78

6+10.14

451.34
15.52
583
C 9.69

7+86.43 MH8
5'25' RP 4 Split Re.
& Easement & Lot 3-
Alameda Hts.

INT. T. MH18
452.05
11.09
462
C 6.47

5+84.95

451.24
17.62
552
C 10.10

7+61.28

451.94
11.20
486
C 6.34

5+59.76

451.14
15.72
639
C 9.33

7+36.09

451.84
11.30
431
C 6.99

5+34.57

451.04
15.82
635
C 9.47

7+10.90

451.74
11.40
398
C 7.42

5+09.38

450.94
15.92
629
C 9.63

6+85.71

451.64
11.50
348
C 8.02

4+84.19

450.84
16.02
627
C 9.75

6+60.52

451.54
11.60
240
C 9.20

46686.7

T.P. 254 463.14A

626 460.60

For Completion of this ⁷⁹
Contract See G.B. 271 pg. 15

9767.03

452.74
12.32
5.54
C 6.78

T.P. 5.87 465.06 3.95 459.19

9741.23

452.64
10.50
3.95
C 6.55

check

4.42 463.43 = 463.39

T.P. 6.65 467.85

5.54 461.20

T.P. 7.97 466.74

6.29 458.77

9715.43

452.54
10.60
4.17
C 6.43

8789.63

452.45
10.69
4.51
C 6.18

10744.43 MH 18 DE
5' x 25' RP Rt.
& Easement to East Part
Lot 7 Alvarado Hts.

453.03
12.03
5.30
C 6.73

8763.83

452.35
10.79
4.24
C 6.55

10718.63

452.94
12.12
11.548
C 6.64

8738.03

452.25
10.89
4.37
C 6.52

9792.83

452.84
12.22
5.25
C 6.97

463.147

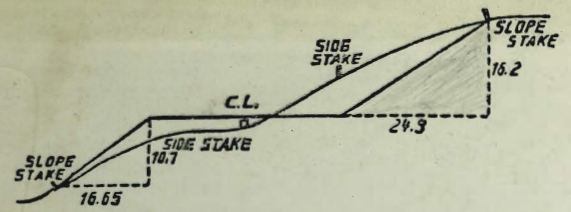
463.06

687
 636
 51
 9
 T.F.
 97
 97
 87
 876
 873

4 x 25 / 36
 3 | 67.97
 22.47
 148.95
 111.68
 260.63
 56.42
 204.21 c6 EC on RT
 148.95
 2 | 55.26
 128
 37.63
 148.95
 27.63
 176.58
 27.63
 204.21
 21.7
 225.91
 21.7
 247.61
 260.63
 6.84
 267.51
 747 / 5.800
 1299

25383
 891
 244.92
 798
 25290
 240.80
 1270
 440
 330
 271.10
 267.75
 23.35
 167
 269.42

299
 680
 241.40
 1180
 641
 509



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING.
 SLOPE 1 1/4 TO 1. ROADWAY OF ANY WIDTH.

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

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