

W #1  
564-A

DIETZGEN

FIELD BOOK

#1  
No. 403 P

**MICROFILMED**

**JAN 18 1965**

16078066 (8) North of  $\phi$

# Index

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Level Notes on Belt St.	1-10
20' offset Level Notes on Belt St.	25-
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Pipe Line on Belt St. (Harbor Front)

Sta	B.S.	Hi.	F.S.	Red	Elev.
B.M. 0+00	Use	10.83 for notes.			5.275 <del>100.00</del>
TP #1	5.55	105.55			
0+96				6.6	4.23
1+00				6.5	4.33
+50				5.3	5.53
2+00				5.4	5.43
+50				5.5	5.33
3+00				5.8	5.03
+50				5.8	5.03
4+00				5.6	5.23
TP #1	Use 9.20		5.79		5.035 <del>99.74</del>
TP #2	4.16	9.195 103.92			
4+50				4.4	4.8
5+00				4.6	4.6
+50				4.6	4.6
6+00				5.2	4.0
+50				5.7	3.5
7+00				5.3	3.9
+50				5.5	3.7
8+00				5.8	3.4
+50				5.4	3.8
9+00				5.5	3.7
TP #2			5.18		4.015 <del>99.74</del>
TP #3	4.51	8.525			

16" PIPE LINE.

I take 0+00 on offset line for assumed Elev. of 100.00  
 Sta. 0+00 on sidewalk 16" offset 20' North of Pipe.

105.55
5.79
99.76
4.16
103.92
5.18
98.74
4.015
4.51
8.525

Sta.	B.S.	I.I.	F.S.	Red.	Elev.
	Use 8.53 8.525				
B.M. #1	in Rock Wall	8.53 8.525		5.51	3.015 ✓
9+50				5.0	3.53
10+00				4.9	3.63
+50				5.0	3.53
11+00				5.1	3.43
+50				5.3	3.23
B.M. #105	Fire Plug NE. cor of Market & Kettzer				3.98 ✓
A #1	4.15	8.13 ✓			
I.P. #1			4.44		3.69 ✓
A #2	5.14	8.83 ✓			
B.M. #1	on top of Rock Wall				
I.P. #2			5.81		3.02 ✓
A #3	3.78	6.80 ✓			
12+00				4.1	2.7
+50				4.1	2.7
13+00				3.9	2.9
+50				4.5	2.3
14+00				4.8	2.0
+50				4.9	1.9
15+00				4.9	1.9
+50				5.0	1.8
16+00				5.0	1.8
+50				5.0	1.8

Turn To Page 4

A Messersmith

φ Melhorn

1/23/40

302  
328  
630

$$12.995 - 9.01 = 3.985$$



From Page #2 Levels Belt St. (Harbor Front)

②

Sta.	B.S.	Hi.	F.S.	Red	Elev.
		6.80			
17+00				5.0	1.8
+50				5.0	1.8
18+00				5.1	1.7
+50				5.1	1.7
19+00				5.2	1.6
T.P. #3			5.20		1.60
T.P. #4	5.17	6.77	use 6.8 for notes		
19+50				5.0	1.8
20+00				5.2	1.6
+50				5.1	1.7
21+00				5.2	1.6
+50				5.1	1.7
22+00				5.1	1.7
+50				5.1	1.7
23+00				5.1	1.7
+50				5.1	1.7
24+00				5.1	1.7
+50				5.0	1.8
25+00				5.1	1.7
+50				5.1	1.7
26+00				5.1	1.7
+50				5.0	1.8
27+00				5.1	1.7
+50				5.2	1.6

6.80  
~~5.20~~  
~~1.60~~  
 5.17  
 6.77

Sta	B.S.	H.I.	I.S.	Red	Elev
570		USE - 6.8 6.77			
28+00				5.1	1.7
+50				5.1	1.7
29+00				5.2	1.6
T.P. #4			5.41		1.36 ✓
A #5	5.62	USE 7.0 ✓ 6.98			
29+50				5.3	1.7
30+00				5.3	1.7
+50				5.4	1.6
31+00				5.0	2.0
+50				5.0	2.0
32+00				5.0	2.0
+50				5.1	1.9
33+00				5.3	1.7
+50				5.3	1.7
34+00				5.3	1.7
+50				5.2	1.8
35+00				5.2	1.8
+50				5.2	1.8
36+00				5.3	1.7
+50				5.2	1.8
37+00				5.3	1.7
+50				5.3	1.7
38+00				5.3	1.7
+50				5.3	1.7

6.77  
5.41  
1.36  
5.62  
6.98



Sta.	B.S.	I.I.	F.S.	Red	Elev.
		7.0 6.98			
39+00				5.3	1.7
+50				5.2	1.8
40+00				5.3	1.7
+50				5.3	1.7
41+03	- 41+25 <del>66</del> ahead.			5.3	1.7
T.P. #5		✓	5.11		1.87
A #6	6.03	7.90			
41+50				5.8	2.1
42+00				5.6	2.3
+50				5.6	2.3
43+00				5.6	2.3
+50				5.5	2.4
44+00				5.2	2.7
+50				5.1	2.8
45+00				4.8	3.1
+50				4.8	3.1
46+00				5.0	2.9
+50				5.1	2.8
47+00				5.2	2.7
+50				5.4	2.5
48+00				5.1	2.8
+50				5.1	2.8
49+00				5.0	2.9
+50				5.6	2.3

698  
511  
187  
403  
790

Sta.	B.S.	I.I.	F.S.	Red	Elev.
		7.90			
49+80				5.9	2.0
T.P.#6	Nail in Power Pole		5.02		2.88 ✓
A#7	4.82	7.702			
50+00				5.6	2.1
50+47.22				5.7	2.0
B.M.#70	checking in		2.86		4.84 ✓
		7.70			
51+00				5.3	2.4
+50				5.3	2.4
52+00				5.4	2.3
+50				5.5	2.2
53+00				5.8	1.9
+50				5.8	1.9
54+00				5.1	2.6
+50				5.3	2.4
T.P.#7			5.30		2.40 ✓
A#8	3.94	6.34 ✓			
55+00				5.2	1.1
+50				4.9	1.4
56+00				4.8	1.5
+50				4.9	1.4
59+00				4.4	1.9
+50				4.2	2.1
58+00				4.8	1.5

②

B.M.#70 Top Fire Plug NE. Cor. 8th + N. St.  
 Loading Pavement. Elev. 13.82  
 $\frac{9.01}{4.81}$   
 Elev. 4.81

$+9.01 = 13.85 = (B.M.#70 = 13.82)$

2.40  
 3.94  
 6.34

Sta.	B.S.	H.I.	F.S.	Rad	Elev.
		6.34			
58+50				5.0	1.3
58+53.40				4.9	1.4
59+00 <sup>ⓐ</sup>				5.4	0.9
" ♀				5.3	1.0
59+00 ♀ M.R.R.T.				4.5	1.8
+50 <sup>ⓐ</sup>				5.7	0.6
" ♀				5.7	0.9
60+00 <sup>ⓐ</sup>				5.6	0.7
" ♀				5.6	0.7
+50 <sup>ⓐ</sup>				5.9	0.4
" ♀				5.8	0.5
61+00 <sup>ⓐ</sup>				5.6	0.7
" ♀				5.8	0.5
+50 <sup>ⓐ</sup>				5.0	1.3
" ♀				5.9	0.4
62+00 <sup>ⓐ</sup>				4.1	2.2
" ♀				5.5	0.8
+50 <sup>ⓐ</sup>				4.2	2.1
" ♀				5.4	0.9
63+00 <sup>ⓐ</sup>				4.8	1.3
" ♀				5.4	0.9
T.P.*8		use 5.7	4.78		1.56
T.P.*7	4.09	5.65			
63+00 ♀ M.R.R.T.				3.7	2.0

ⓐ center line of Pipe Line  
 ⓐ 20' Left of Pipe Line  
 From Sta. 59+00 to 71+00

Sta.	B.S.	H.I. Use 5.7 5.65	F.S.	Red	Black
63+50 <sup>②</sup>				4.1	1.6
" ♀				5.2	0.5
64+00 <sup>②</sup>				3.9	1.8
" ♀				4.6	1.1
+50 <sup>②</sup>				4.5	1.2
" ♀				4.3	1.4
65+00 <sup>②</sup>				4.7	1.0
" ♀				4.7	1.0
+50 <sup>②</sup>				4.9	0.8
" ♀				5.0	0.7
66+00 <sup>②</sup>				5.0	0.7
" ♀				5.0	0.7
+50 <sup>②</sup>				4.9	0.8
" ♀				4.4	1.3
67+00 <sup>②</sup>				5.1	0.6
" ♀				4.9	0.8
+50 <sup>②</sup>				5.3	0.4
" ♀				4.7	1.0
68+00 <sup>②</sup>				5.0	0.7
" ♀				4.4	1.3
+50 <sup>②</sup>				5.1	0.6
" ♀				4.3	1.4
69+00 <sup>②</sup>				5.8	0.9
" ♀				4.2	1.5

S 72.	B.S.	4.6 5.7 5.65	I.S.	Red	Elev
69+50 <sup>Ⓢ</sup>				4.9	0.8
" 2				4.4	1.3
70+00 <sup>Ⓢ</sup>				5.2	0.5
" 2				3.7	2.0
70+50 <sup>Ⓢ</sup>				3.6	2.1
" 2				4.8	0.9
70+50 2 M.P.P.T.				3.9	1.8
T.P. #9					2.02 <sup>✓</sup>
π #10	4.46	6.48	USE 6.5 for notes		
71+00 <sup>Ⓢ</sup>				4.3	2.2
" 2				4.6	1.9
71+50 <sup>Ⓢ</sup>				4.1	2.4
" 2				4.1	2.4
72+00 <sup>Ⓢ</sup>				4.0	2.5
" 2				4.0	2.5
72+50 <sup>Ⓢ</sup>				5.2	1.3
" 2				5.1	1.4
73+00 <sup>Ⓢ</sup>				5.7	0.8
" 2				5.3	1.2
73+50 <sup>Ⓢ</sup>				5.4	1.1
" 2				5.0	1.5
T.P. #10					4.61
π #11	2.76	7.37	✓ 1.87		

Massersmith

(10)

4 Melbourn

1/24/42

Ⓢ 8' offset Pipe Line  
 2 centerline Pipe Line  
 From 71+00 to -74+50

565  
 363  
 202  
 446  
 648  
 662  
 648  
 .14  
 648  
 187  
 461  
 276  
 7.37

Sta	BS Use	H.I.	F.S.	Red	Elev.
		7.4 7.37			
74+50	19.5 offset			6.7	+0.7
" ♀				8.6	-1.2
75+00	19.5 offset			7.4	0.0
" ♀				8.3	-0.9
75+30	19.5 offset			6.8	+0.6
" ♀				5.5	+1.9
76+00	19.5 offset			5.5	+1.9
" ♀				5.7	1.7
76+26 <sup>82</sup> ⊙				5.3	2.1
" ♀				5.5	1.9
76+50 ⊙				5.3	2.1
" ♀				5.4	2.0
77+00 ⊙				5.2	2.2
" ♀				5.3	2.1
77+50 ⊙				5.1	2.3
" ♀				5.1	2.3
78+00 ⊙	Right.			4.3	3.1
" ♀				5.1	2.3
" ⊙	Left.			5.2	2.2
T.P. #11			5.24		2.13
T.P. #12	6.32	Use 8.5 8.15			
78+50 ⊙				6.0	2.5
" ♀				6.1	2.4

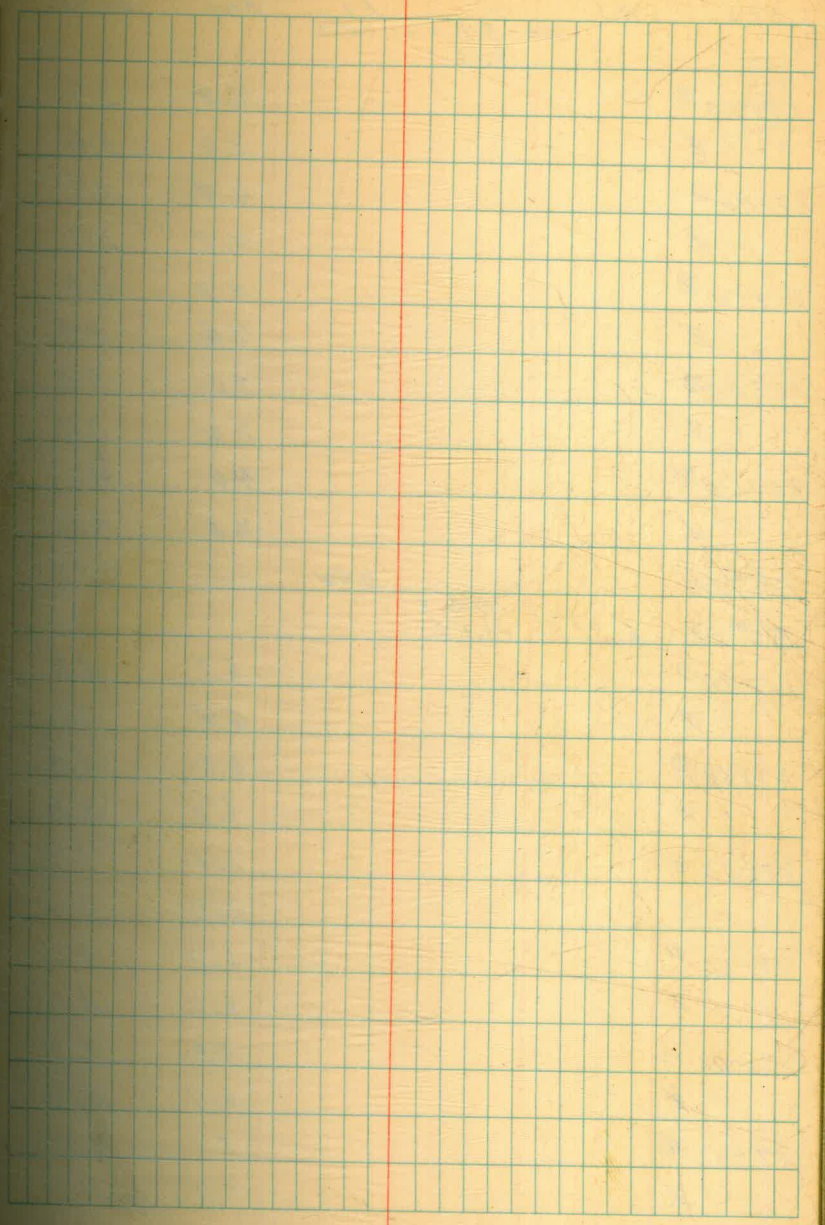
⊙ = 19.5 offset From 74+50 to 76+00  
 ⊙ = 8 " " 76+00 to 92+50

NOTE MINUS

" "

①  
 737  
 524  
 213  
 632  
 845

Sta.	B.S.	H.I. use-8.5 8.45	F.S.	Rod	Flcu.
79+00				5.7	2.8
"				5.7	2.8
79+50				5.5	3.0
"				5.5	3.0
80+00				5.4	3.1
"				5.3	3.2
80+50				5.3	3.2
"				5.3	3.2
81+00				5.2	3.3
"				5.2	3.3
81+50				4.9	3.6
"				5.0	3.5
82+00				4.8	3.7
"				4.9	3.6
82+50				4.5	4.0
"				4.8	3.7
82+60				4.5	4.0
"				4.7	3.8
83+00				4.6	3.9
"				4.7	3.8
83+50				4.7	3.8
"				4.9	3.6
84+00				4.9	3.6
"				5.0	3.5



Sta.	B.S.	I.I.	F.S.	Red	Elev.
		Use - 8.5 - for notes			
		845			
84+50				4.8	3.7
" 2				4.9	3.6
85+00				4.8	3.7
" 2				4.8	3.7
85+50				4.7	3.8
" 2				4.6	3.9
86+00				4.5	4.0
" 2				4.6	3.9
86+50				4.4	4.1
" 2				4.5	4.0
TP #12			4.40		4.05
TP #13	6.51	10.6 ✓ 10.56			
87+00				6.3	4.3
" 2				6.4	4.2
87+50				6.3	4.3
" 2				6.3	4.3
88+00				6.1	4.5
" 2				6.2	4.4
88+50				6.0	4.6
" 2				6.1	4.5
89+00				5.9	4.7
" 2				6.1	4.5
89+50				5.8	4.8
" 2				5.9	4.7

(13)

845  
440  
4.05  
4.51  
10.56



Sta	B.S.	I.I.	F.S.	Red	Elev.
		10.6			
		10.56			
90+00 <sup>Ⓢ</sup>				4.8	5.8
" 2				5.0	5.6
90+50 <sup>Ⓢ</sup>				5.0	5.6
" 2				4.9	5.7
91+00 <sup>Ⓢ</sup>				5.0	5.6
" 2				5.3	5.3
91+50 <sup>Ⓢ</sup>				4.8	5.8
" 2				5.4	5.2
92+00 <sup>Ⓢ</sup>				4.6	6.0
" 2				5.1	5.5
92+50 <sup>Ⓢ</sup>				5.1	5.5
" 2				5.5	5.1
" ⑫				4.9	5.7
93+00 <sup>Ⓢ</sup>				5.2	5.4
" 2				5.7	4.9
93+50 <sup>Ⓢ</sup>				5.0	5.6
" 2				5.9	4.7
94+00 <sup>Ⓢ</sup>				4.9	5.7
" 2				5.7	4.9
94+50 <sup>Ⓢ</sup>				5.1	5.5
" 2				5.4	5.2
95+00 <sup>Ⓢ</sup>				4.7	5.7
" 2				5.2	5.4
T.P. #13			4.92		5.64 ✓

⑭  
 B.M. #3 overhead of Van Camp Sea Food  
 on the cement base. Elev. = 5.75

⑮ 12' offset from 92+50 to

10.56  
 4.92  
 5.64

Sta	I.S.	Hi.	F.S.	Red	Elev.
		U.S.C. 13.1			
A #14	7.41	13.05			
95+50 <sup>(2)</sup>				7.0	6.1
" ♀				7.2	5.9
96+00 <sup>(2)</sup>				6.9	6.2
" ♀				7.0	6.1
96+50 <sup>(2)</sup>				6.8	6.3
" ♀				6.9	6.2
97+00 <sup>(2)</sup>				6.1	7.0
" ♀				6.8	6.3
97+50 <sup>(2)</sup>				6.5	6.6
" ♀				6.6	6.5
98+00 <sup>(2)</sup>				6.7	6.4
" ♀				7.0	6.1
98+50 <sup>(2)</sup>				6.6	6.5
" ♀				7.0	6.1
99+00 <sup>(2)</sup>				6.4	6.7
" ♀				6.7	6.4
99+50 <sup>(2)</sup>				6.4	6.7
" ♀				6.5	6.6
100+00 <sup>(2)</sup>				6.0	7.1
" ♀				6.1	7.0
100+50 <sup>(2)</sup>				5.8	7.3
" ♀				6.4	6.7

Turn to Page 21

15  
564  
941  
1305

Jan 7, 1942. 9 Jan. 1942  
 P.S. Barker + Party

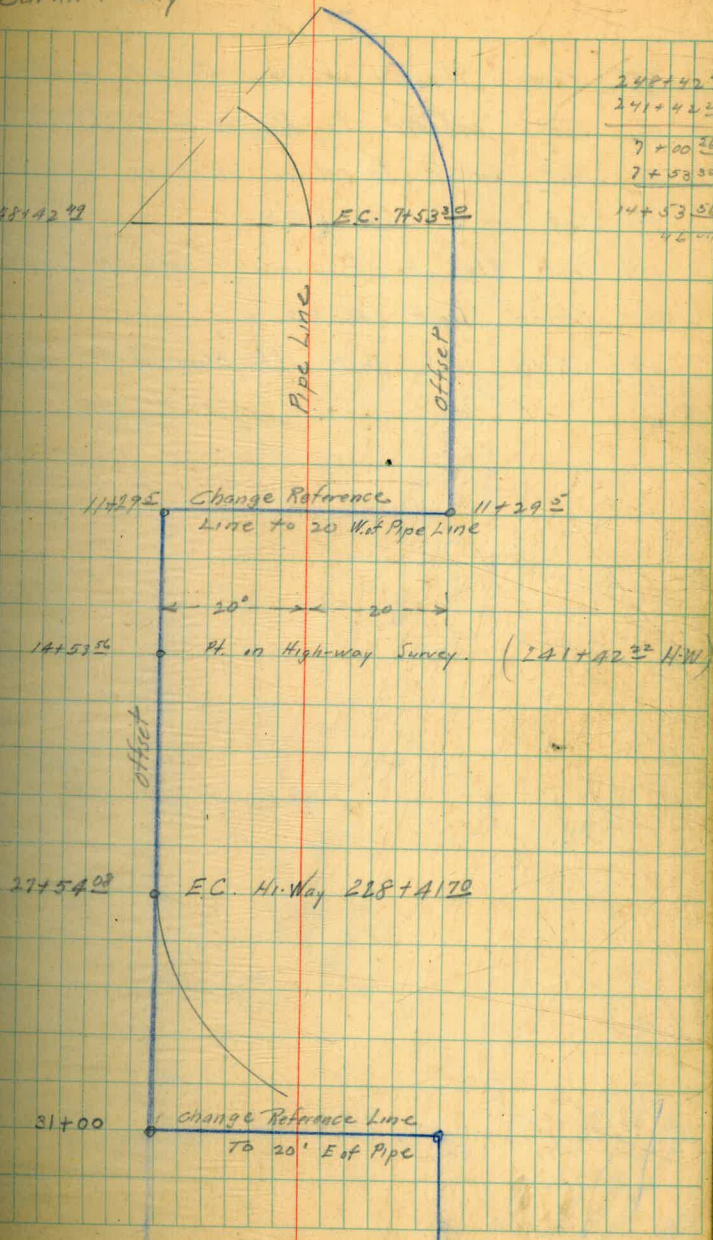
(10)

Hi-Way 248+42.22

EC. 7453.22

248+42.22
241+42.22
7+00.00
7+53.56
14+53.56
42.00

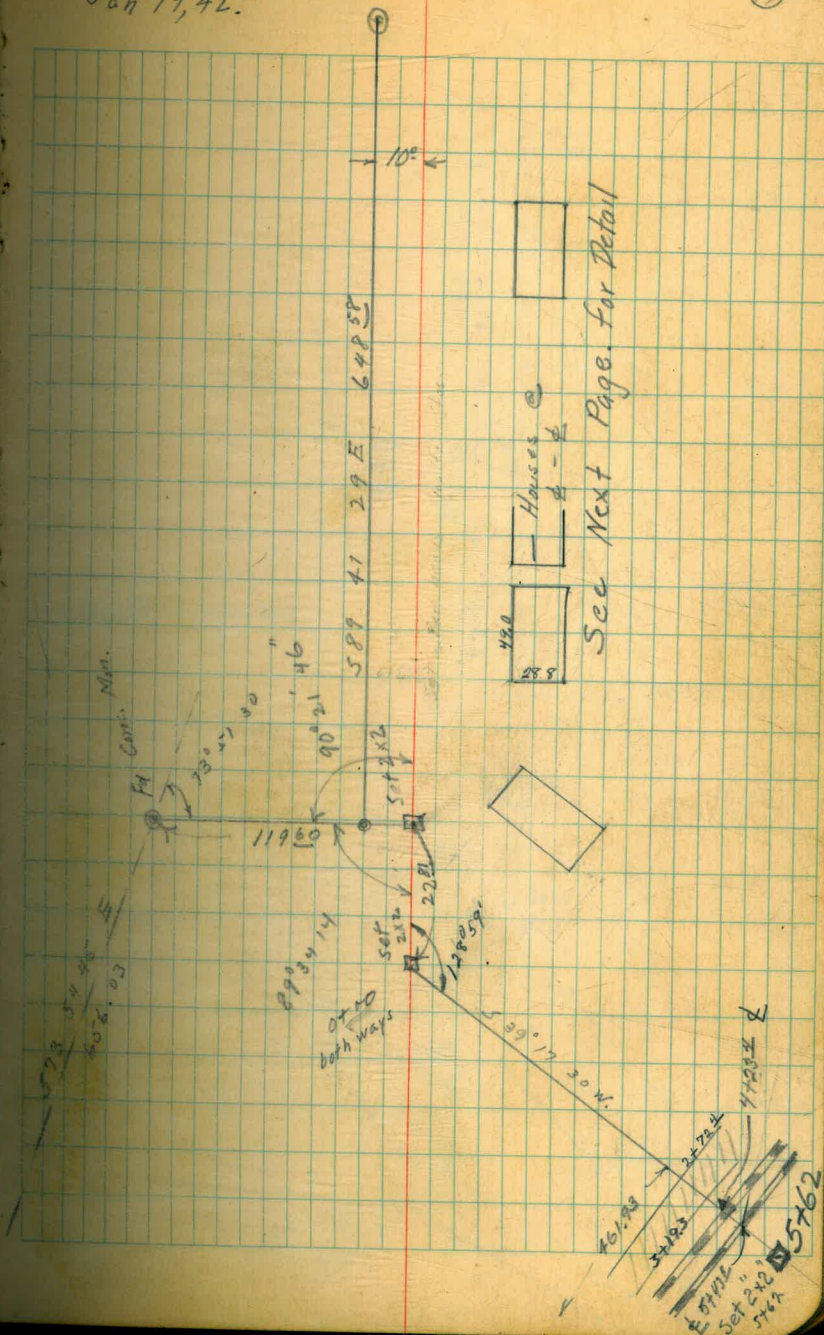
241+42.22
Hi-Way EC. 228+41.70
13 00.52
14 53.56
27+54.08



Jan 19, 42.

17

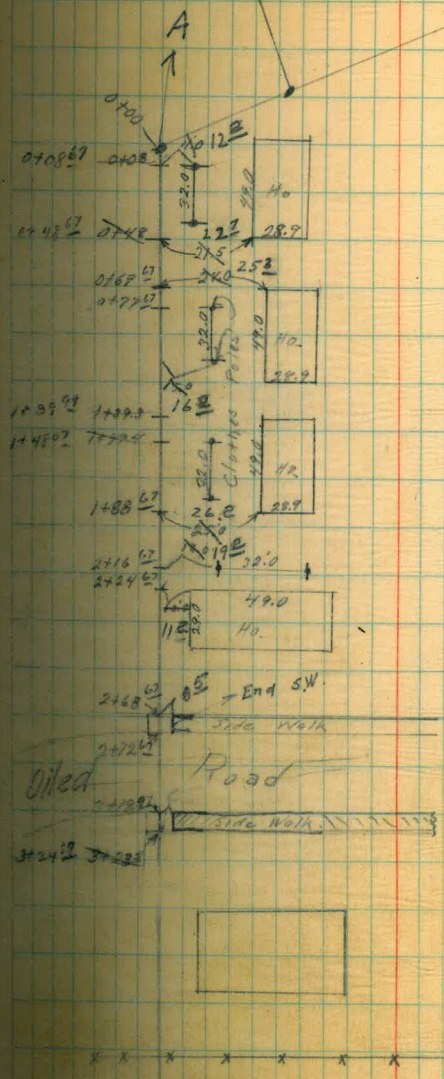
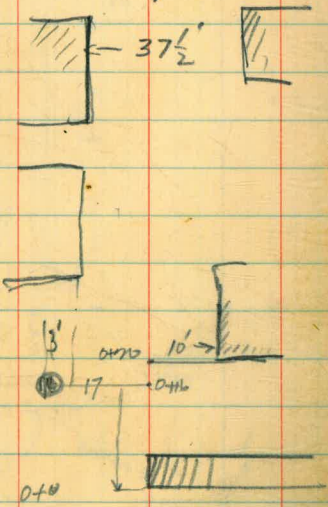
- ① Get Stas & offsets To 2 End + center Clothesline
- ② Get offsets to Houses & Location Cor. Ha.
- ③ Get offset to House on Line  $539^{\circ}17'30''$  W
- ④ Set 2x2 So. of R.R.
- ⑤ Get Sta of Pavement (both sides) &  $\frac{1}{2}$  Ry
- ⑥ Check Dist 461.93
- ⑦ Check  $10^{\circ}$  Dist off Man at End Line  $589^{\circ}41'29''$  E

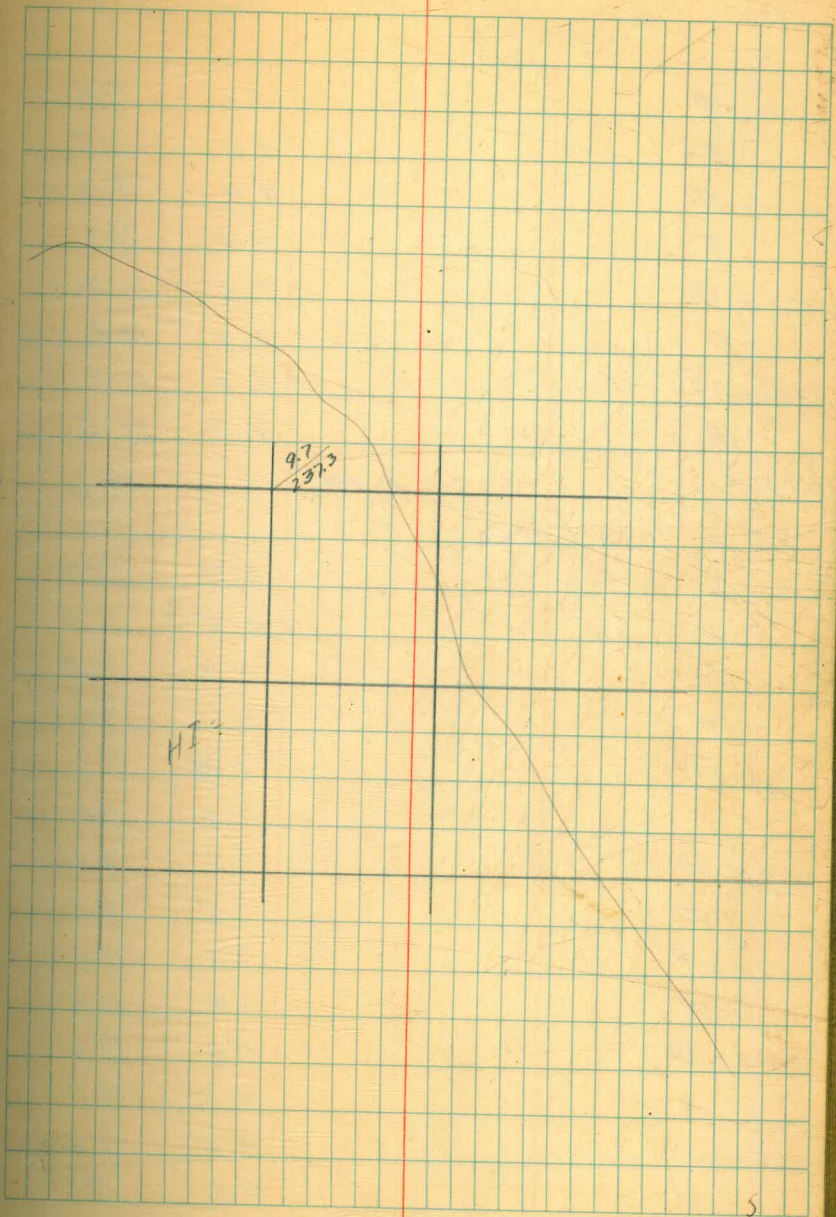




Note: Due to error in setting Point A

Stations are changed by plus 0.67  
and offsets by plus 12





From Page 15 # Levels 16" Pipe -  
Belt St. (Harbor Front)

Sta.	B.S.	I.I.	F.S.	Red	Elev.
		Use 13.10			
		13.25			
101+00 <sup>(2)</sup>			4.1		9.0
" 2			4.6		8.5
101+50 <sup>(2)</sup>			3.9		9.2
" 2			4.0		9.1
102+00 <sup>(2)</sup>			1.3		11.8
" 2			2.2		10.9
102+50 <sup>(2)</sup>			1.9		11.2
" 2			1.7		11.4
T.P. #14			1.94		11.11
A #15	2.50	13.61			
103+00 <sup>(2)</sup>			2.7		10.9
" 2			2.5		11.1
103+50 <sup>(2)</sup>			4.2		9.4
" 2			4.6		9.0
104+00 <sup>(2)</sup>			4.4		9.2
" 2			4.6		9.0
104+50 <sup>(2)</sup>			4.5		9.1
" 2			4.5		9.1
105+00 <sup>(2)</sup>			4.5		9.1
" 2			3.4		10.2
105+50 <sup>(2)</sup>			4.6		9.0
" 2			4.5		9.1
106+00 <sup>(2)</sup>			4.6		9.0
" 2			4.5		9.1

13.05  
1.94  
11.11  
2.50  
13.61

(21)



Sta.	B.S.	Ht.	I.S.	Red	Elev.
		13.61			
107+00	⊙			5.1	8.5
"	⊙			4.6	9.0
108+00	⊙			5.2	8.4
"	⊙			5.3	8.3
109+00	⊙	1' Fill		1.8	11.8
"	⊙	1' Fill		5.0	8.6
110+00	⊙	4.3 Fill		3.7	9.9
"	⊙	1.6 Fill		5.4	8.2
110+50	⊙	7.0 Fill		6.8	6.8
"	⊙	2.6 Fill		7.0	6.6
110+55.5	⊙			6.8	6.8
"	⊙			7.1	6.5
TR#15			4.71		8.90
⊙	5.01	13.91			
B.M.#24	Diff.		5.85		8.06
B.M.#24		Use 13.6 for notes			8.16
⊙ #16	5.41	13.57			
111+00	⊙			7.6	6.0
+50	⊙			7.5	6.1
112+00	⊙			7.4	6.2
+50	⊙			7.3	6.3
"	⊙			6.8	6.8

⊙ Messersmith (22)

9 ps. Barker St.

1/30/42

B.M.#24 L.P. in W.B.L.M. #9 at R.R. Marker,  
Sec. 23, E. Side Ft. of Sampson St.  
N.E. Cor. S.D. Marine Const. Co. Lease.  
Elev. 17.165  
- 9.01

Elev. = 8.155 city

Corrected Elev. to B.M.#24

Elev. 8.16

8.16

5.41

13.57

Ltc. = Left curb

(B.M.#24 - L.P. in W.B.L.M. #9 at RR Marker - Sec. 23  
E. Side Ft. of Sampson St. N.E. corner  
S.D. Marine Const. Co. Lease

Corrected from Harbor B.M. = 17.165 - 9.01 = 8.155  
to 8.16

HSG

Sta.	B.S.	H.I.	I.S.	Rod	Elev.
	Use	13.6			
		13.57			
113+00	L.T.C.			6.7	6.9
"	φ			7.1	6.5
113+50	L.T.C.			6.6	7.0
"	φ			7.2	6.4
114+00	L.T.C.			6.7	6.9
"	φ			7.5	6.1
114+50	L.T.C.			6.8	6.8
"	φ			7.8	5.8
115+00	L.T.C.			6.9	6.7
"	φ			7.6	6.0
115+50	L.T.C.			7.0	6.6
"	φ			7.8	5.8
116+00	L.T.C.			7.2	6.3
"	φ			7.5	6.1
116+50	L.T.C.			7.3	6.3
"	φ			7.4	6.2
117+00	L.T.C.			7.2	6.4
"	φ			7.3	6.3
117+50	L.T.C.			7.1	6.5
"	φ			7.3	6.3
TP #16			4.78		8.79 ✓
TP #17	3.35	12.14			
118+50	L.T.C.			5.5	6.6
"	φ			5.8	6.3

Turn To Page 30

(23)

13.57  
4.78  
8.79  
3.35  
12.14

12.14

5.74

6.34

12.1

2.18

Curb

Rod

57

L. 1/2

φ

59

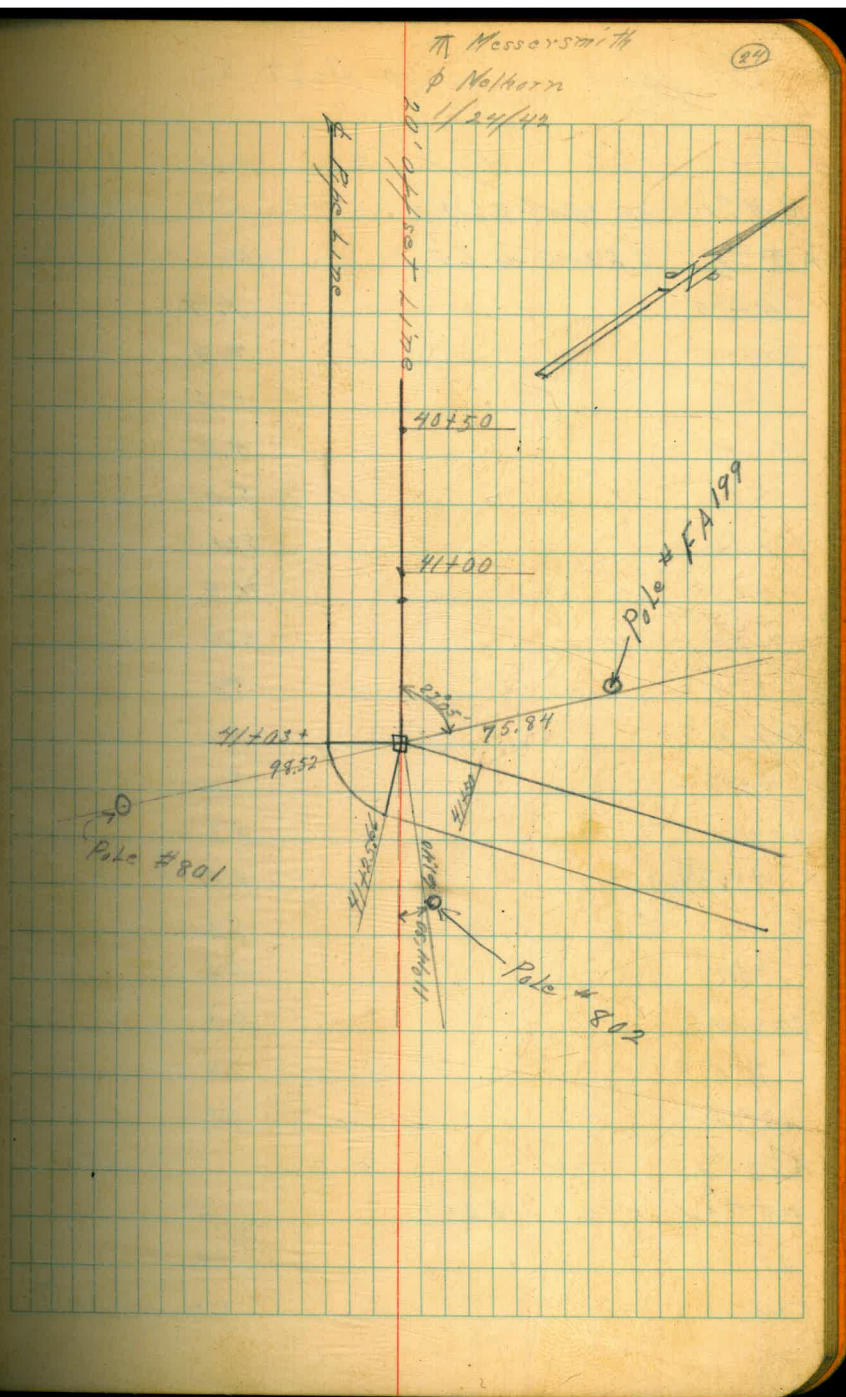
6.12

Reference Points to Sta 41+25.66 on offset  
Line Sitting North on offset Line  $83^{\circ}05'$   
To the Right. Redhead in Pole #FA.199. - 0221  
75.84 From sta 41+25.66.

Sitting Redhead in Pole FA. turn  $180^{\circ}00'$   
To Redhead in Pole #801 = South West  $98.52$   
From Sta 41+25.66

Sitting North Doff.  $11^{\circ}14'30''$  To the Left  
Redhead in Paper Pole #802. South  $61.40$  From  
Sta 41+25.66.

①  $83^{\circ}05'00''$       ①  $11^{\circ}14'30''$   
②  $166^{\circ}10'00''$     ②  $22^{\circ}29'00''$



20' offset Line on Belt St.

Sta	B.S.	Hi.	F.S.	Red	Elev.
B.M.#1	on Rock wall				3.02
AT#1	3.63	6.65			
14+50				4.9	
15+00				4.9	
+50				5.0	
16+00				5.0	
+50				5.0	
17+00				5.0	
+50				4.9	
18+00				5.0	
+50				5.0	
19+00				5.0	
+50				5.1	
20+00				5.1	
+50				5.2	
21+00				5.2	
+50				5.2	
22+00				5.3	
+50				5.2	
23+00				5.2	
ATP#1			5.15		1.50
AT#2	5.13	6.63			
23+50				5.2	
24+00				5.1	

Tr Messersmith (15)

Φ Melhorn

1/24/42

From Sta. 14+50 to 31+00 offsets are 20' West of Pipe Line.

3.02  
 3.63  
 6.65  
 5.15  
 1.50  
 5.13  
 6.63

Sta	R.S.	H.I.	F.S.	Rad	Elev
		6.63			
24+50				5.1	
25+00				5.1	
+50				5.1	
26+00				5.1	
+50				5.1	
27+00				5.1	
+50				5.2	
28+00				5.1	
+50				5.1	
29+00				5.3	
+50				5.2	
30+00				5.2	
+50				5.1	
31+00 West of Pipe Line				4.7	
+50 East of Pipe Line				4.5	
32+00				4.6	
+50				4.6	
33+00				4.7	
A.T.P #2			4.73		1.90
A.T.P #3	5.06	6.96			
33+50				5.1	
34+00				5.1	
+50				5.1	
35+00				5.1	

26

From Sta. 31+00 to 41+03 offsets  
are to the east of Pipe Line

6.63  
4.73  
1.90  
5.06  
6.96

Sta.	B.S.	I.I.	F.S.	Red.	Elev.
		6.96			
35+50				5.1	
36+00				5.1	
+50				5.1	
37+00				5.1	
+50				5.1	
38+00				5.1	
+50				5.1	
39+00				5.1	
+50				5.1	
40+00				5.1	
+50				5.1	
41+00+				5.1	
A.T.P.#3			5.08		1.88
A.T.P.#4	6.11	7.99			
41+50				6.0	
42+00				6.0	
+50				5.9	
43+00				5.9	
+50				5.5	
44+00				5.3	
+50				5.4	
45+00				5.2	
+50				5.2	
46+00				5.3	

6.96  
~~5.08~~  
~~1.88~~  
~~6.11~~  
7.99

Sta.	B.S.	I.I.	I.S.	Red	Elev.
		7.99			
46+50				5.5	
47+00				5.7	
+50				5.8	
48+00				5.9	
+50				5.8	
49+00				5.7	
+50				5.8	
49+80				6.0	
A.T.C. #4	tail in Power Pole	5.12			2.87
A. #5	4.77	7.64			
50+00				5.8	
+47.32				5.6	
51+00				5.5	
+50				5.4	
52+00				5.6	
+85				5.7	
<del>53+00</del>					
+50				4.1	
54+00				6.3	
+50				5.5	
55+00				6.0	
+50				6.3	
56+00				6.5	
+50				6.0	

Messersmith

d Melhorn

1/24/40

299

512

2.87

477

7.64

SZ	B.S.	HI.	FS.	Red	Elev.
		2.64			
57+00				5.6	
750				6.2	
58+00				5.9	
753.4				6.3	
A.T.P. #5			6.33		1.31

7.64  
 6.33  
 1.31



From Page 23

BELT ST. (Harbor Front)  
16" Pipe Line

Sta	B.S.	H.	F.S.	Rod	Elev.
		12.14			
119+00	L.T.C.		5.4		6.7
"	¢		5.6		6.5
119+50	L.T.C.		5.2		6.9
"	¢		5.3		6.8
120+00	L.T.C.		5.1		7.0
"	¢		5.4		6.7
120+50	L.T.C.		5.0		7.1
"	¢		5.4		6.7
121+00	L.T.C.		4.9		7.2
"	¢		5.2		6.9
121+50	L.T.C.		4.7		7.4
"	¢		4.9		7.2
B.C. 121+89 <sup>62</sup>	L.T.C.		4.6		7.5
"	¢		5.1		7.0
T.P.#17			3.07		9.07
*#18	1.96	11.03			
122+00	¢		4.0		7.0
"	+50 ¢		4.0		7.0
123+00	¢		4.3		6.7
"	+50 ¢		4.2		6.8
124+00	¢		4.4		6.6
124+50	R.T.C.		4.0		7.0
"	¢		4.5		6.5

\* Messersmith

(30)

¢ Melhorn

2/2/42

1214
507
907
196
11.03

R.T.C. = Curb on Right Hand Side  
of Road.

¢ = center of Pipe Line.

Sta	B.S.	I.I.	F.S.	Rod	Elev
		11.03			
125+00	R.T.C.			4.1	6.9
"	ϕ			4.8	6.2
125+50	R.T.C.			4.2	6.8
"	ϕ			5.1	5.9
126+00	R.T.C.			4.3	6.7
"	ϕ			5.3	5.7
126+50	R.T.C.			4.4	6.6
"	ϕ			5.3	5.7
127+00	R.T.C.			4.5	6.5
"	ϕ			5.4	5.6
127+50	R.T.C.			4.6	6.4
"	ϕ			5.5	5.5
128+00	R.T.C.			4.8	6.2
"	ϕ			5.4	5.6
B.M.#14	checking on		4.31		6.72
	We		Doff	+	0.4
B.M.#14					6.76
T.R.#18			4.78		6.25
A.#19	3.98	10.23			
128+50	R.T.C.			4.0	6.2
"	ϕ			4.6	5.6
129+00	R.T.C.			3.9	6.3
"	ϕ			4.7	5.5

(31)

1103

~~4.28~~~~6.25~~

1103

~~4.31~~~~6.72~~

1577

~~9.01~~~~6.76~~

6.25

~~3.98~~~~10.23~~

B.M.#14 Head of Spike top of N.W. Cor.  
 At S.E. R.R. Culvert. 100 FT. West at  
 Whistling post. Betw. Sibley & 427<sup>th</sup> St.  
 Elev. 15.77  
 - 9.01  
 City 6.76

Sta	B.S.	Hi.	F.S.	Rad	Elev.
		10.23			
129+50	R.T.C.			3.8	6.4
"	☒			4.7	5.5
130+00	R.T.C.			3.7	6.5
"	☒			4.3	5.9
130+50	R.T.C.			3.8	6.4
"	☒			4.1	6.1
131+00	R.T.C.			4.0	6.2
"	☒			4.0	6.2
131+50	R.T.C.			4.1	6.1
"	☒			3.0	7.2
132+00	R.T.C.			4.3	5.9
"	☒			3.3	6.9
132+50	R.T.C.			4.6	5.6
"	☒			4.9	5.3
△ 133+00	R.T.C.			4.8	5.4
"	☒			5.4	4.8
133+50	R.T.C.			5.0	5.2
"	☒			5.4	4.8
134+00	L.T.C.			5.2	5.0
"	☒			5.0	5.2
134+50	L.T.C.			5.3	4.9
"	☒			5.0	5.2
135+00	L.T.C.			5.4	4.8
"	☒			5.7	4.5

L.T.C. = Curb on Left Side of the Road

X-SEC. LAGOON Between 8<sup>th</sup> + 9<sup>th</sup> Belt St<sup>on</sup>

(Harbor Front)

Messersmith

(33)

McLynn

1/24/42

Sta	B.S.	Hi	I.S.	Red	Elev.
B.M.					2.87
⌘	546	8.33			
North Bank	51+90				5.2
52+00	Water edge				12.7
52+10	Bottom of Drain				20.3
52+36	Water edge				12.6
52+42	South Bank				5.3

16" PIPE LINE.

282

54

833

Cross section 50' south of Pipe Line  
Near scales for garbage Pump.

0

0

0

0

0

0

64858  
2281  
67139