Book # 70 - Dr. # 8

LAKE IMPROVEMENT SURVEY

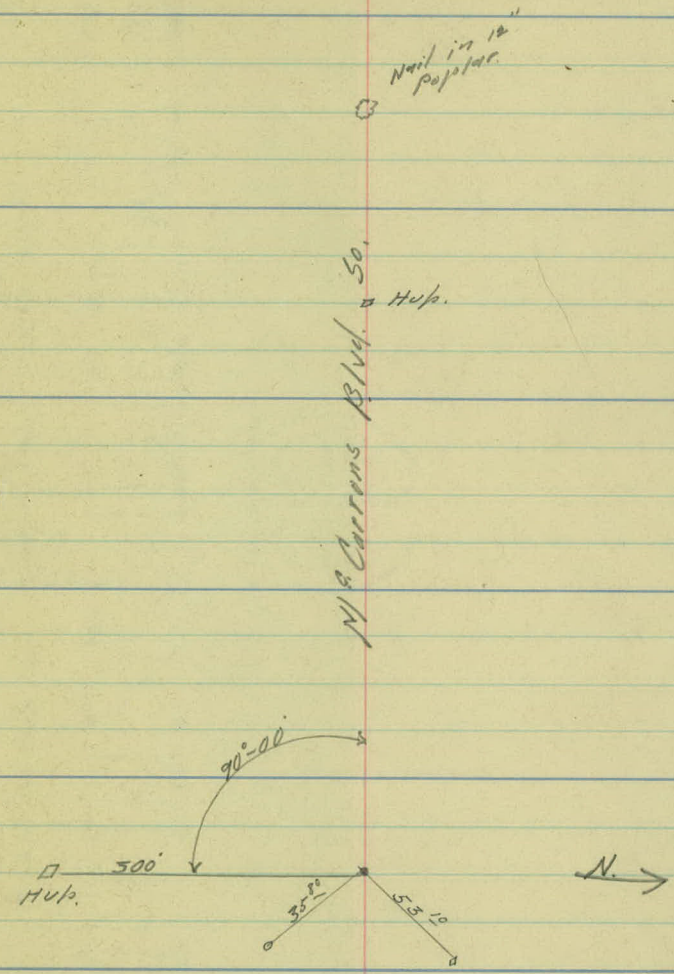
BORROW-PIT

McCARRON'S BLVD. SO.

Lake Improvement.
Alignment on Borrow Pit
on N. Carrons Blvd So.

Sta	Point.
3+07 4	
2+97 2	P.O.T.
0+00	

10-28-27


Nail in 12" Polelac.
Hub.
50.
N. & Cartens Blvd.
90°-00'
500'
Hub.
35° 8'
53 12
N.

Lake Improvement.
Original x Sections of Borrow
Pit on N.E. Carrons Blvd. So.

Sta.	+	H.I.	−	Rod	Elev.
	2.36	851.69		849.33	
0+00					43.6
0+12					43.6
B.M.	6.83	852.40	6.12	845.57	
0+27					43.5
0+40					43.4
0+54					43.3
0+81					43.1
1+08					42.9
1+35					43.0
1+62					43.3
1+89					43.4
2+16					43.8
2+43					42.1
2+70					41.5

10-28-27

Left. ℄ of Road.

Spk in Light P/c Int. N/c Carrons B/M. So. & Rice St.

1.7 2.7 4.7 5.7 6.6 6.7 7.7 6.7 7.7 8.3
254 200 169 138 100 50 38 33 25 17 8.1

3.1 2.8 4.3 4.5 7.0 3.5 5.2 5.3 3.7 8.7 8.3
220 200 175 150 115 100 75 50 33 24 15 8.1

Spk in P.P. 17 Sta. 0-28.

0.0 0.7 4.2 5.5 8.1 9.3 10.0 9.4
44 37 32 32 30 28 18 16 8.7

0.7 5.0 5.5 6.8 10.2 11.0 9.4
40 35 33 31 27 21 17 7.0

0.2 2.2 4.3 5.8 9.8 11.0 11.1 9.3
47 43 37 34 30 26 21 16 9.1

0.4 6.1 8.2 9.8 11.4 11.6 9.5
50 40 34 31 29 22 16 9.3

1.5 5.6 7.9 9.1 11.8 12.1 11.0 9.6
50 41 38 34 31 23 20 16 9.5

2.0 5.7 8.7 10.0 12.0 11.8 10.8 9.6
50 43 35 31 30 23 20 14 9.4 → ℄ Road

0.8 3.4 10.3 9.6 10.7 11.1 10.4 9.5 9.2 → ℄ Road
56 48 34 29 28 23 18 12 9.1 5

0.0 2.5 6.5 8.4 10.5 10.7 9.9 8.0 9.0 → ℄ Road
57 50 34 26 24 17 11 7 9.0 13

0.8 3.2 8.2 9.6 10.6 10.2 9.4 8.6 → ℄
50 39 29 19 15 8. 2 8.6 19

0.8 3.4 4.5 6.7 7.9 8.5 10.4 8.6 9.5 → ℄ N/c
50 33 28 23 16 7 5 10.3 9 27

0.6 1.7 2.4 4.1 11.2 9.7 7.9 8.6 8.4 → ℄ Road.
37 32 25 13 5.9 4 11 18 42 37

Sta.	+	H.I.	−	Rod	Elev.
		852.40			
2+97					49.0
T.P.	10.45	862.31	0.54	851.86	
T.P.	6.35	867.40	1.26	861.05	
0+00					
0+12					
0+27					
0+40					
0+54					
0+81					
1+08					
1+35					
1+62					
1+89					
2+16					

10-28-27

2 cft.

(4. Road.

0.3 1.5 3.2 5.7 7.0 7.3 7.3 8.6 8.5
24 15 10 3.4 15 19 22 30 34 50

0.0 3.0 11.8
281 265 263

0.0 3.1 7.8 12.0
286 277 260 257

0.8 3.2 5.5 7.3 9.1 6.9 5.0 1.7
168 186 200 218 235 250 268 282
11.9 11.0 9.20 12.5 10.6 10.8 11.4 0.3 5.0 9.7 (23.9)
173 161 150 122 102 88 71 68 58 48

0.2 6.2 10.1 (24.0)
93 59 50

2.9 7.9 13.3 (24.1)
71 60 50

0.2 3.6 9.7 (24.3)
90 78 63

2.2 3.7 6.8 9.8 (24.5)
90 85 74 66

0.7 2.9 4.5 6.9 9.5 13.1 (24.4)
95 90 84 78 71 60

1.1 6.3 8.2 10.5 12.2 (24.1)
100 82 75 70 65

2.0 3.4 4.6 6.9 8.7 12.7 (24.0)
104 100 93 85 78 65

1.9 5.8 7.4 8.0 9.5 11.7 13.5 15.0 (23.6)
105 104 100 94 93 80 63 53

Sta.	+	H.I.	−	Elev.
		867.40		
2+43				
2+70				
2+97				
T.P.	8.32	875.58	0.14	867.26
0+00				
0+12				
0+27				
0+40				
0+54				
0+81				
1+08				
1+35				
1+62				
1+89				

10-28-27

2 cft.

1.8 7.9 9.1 11.4 12.7 13.5 (25.3)
120 105 100 91 74 62

0.0 5.8 7.2 8.8 11.3 12.0 14.2 (20.9)
130 111 108 100 89 69 50

0.0 2.4 5.4 7.7 9.7 11.4 12.1 13.0 (18.4)
133 124 116 108 100 87 70 50

0.7
100

1.5
100

3.6
100

8.9 11.1 12.8 13.1 12.3 10.9 8.4 4.6 2.7
183 200 216 231 250 265 277 293 300
7.2 4.7 3.3 2.0 1.1 0.4 1.2 2.4 4.7
168 152 140 133 124 114 100 87 83 (32.2)
9.3 9.1 8.1 6.6 5.5 3.3 0.0
213 230 250 213 217 283 300
7.9 5.6 4.5 4.3 2.6 1.0 0.8 2.2 5.9 6.2
200 186 173 165 140 123 110 100 93 85 (32.3)

0.0 0.8 1.4 2.5 4.4 5.8 (32.7)
134 127 124 117 107 100

0.0 1.6 3.5 5.2 6.7 (32.7)
122 116 110 107 100

0.4 1.8 3.1 4.3 6.1 7.4 (32.6)
125 119 115 111 104 100

1.0 2.3 4.7 5.7 7.5 (32.3)
133 126 117 111 108

0.0 2.2 4.5 5.8 8.2 (32.2)
138 129 124 118 110

Sta.	+	H.I.	−	Elev.
		875.58		
2+16				
2+43				
2+70				
2+97				
T.P.	10.56	885.89	0.25	875.33
0+81				
1+08				
1+35				
1+62				
1+89				
2+16				
2+43				
2+70				
		897.38		885.31
T.P.	12.07	897.41	0.58	885.34

10-28-27

Left.

0.0 1.1 4.5 7.0 9.4 (31.8)
137 135 127 122 117

1.5 2.7 8.0 (33.5)
140 135 125

1.6 4.5 (29.1)
150 140

0.6 4.0 5.7 (26.8)
158 146 140

6.7 5.5 4.2 3.4 1.0
259 269 279 291 300
7.6 8.2 8.9 10.1 10.4 9.7 7.4 6.8 7.5 8.6 10.0 (42.8)
250 245 241 228 213 200 183 171 161 154 140

0.0 3.8 4.8 5.2 5.6 5.9 6.6 7.7 9.3 (43.0)
230 207 200 187 175 156 140 132 127

0.0 5.4 7.9 9.5 10.4 10.2 9.5 8.9 (42.9)
225 210 200 190 179 168 154 140

0.0 4.2 6.6 9.5 11.5 11.8 11.0 10.7 (42.6)
223 207 200 188 179 165 155 140

0.5 3.7 5.0 7.1 9.9 8.5 (42.5)
200 188 182 169 158 145

0.0 5.3 7.0 8.7 (42.1)
172 153 146 140

1.9 5.2 7.9 (43.8)
166 159 150

4.9 6.8 (39.4)
165 161

Sta.	+	H.I.	−	Elev.
		897.41		
1+08				
1+35				
1+62				
1+89				
2+16				
2+43				
2+70				
2+97		904.85		897.11
T.P.	7.74	904.88	0.27	897.14
1+35				
1+62				
1+89				
2+16				
2+43				

10-28-27

Left

1.7	2.7	3.7	5.7	6.5	7.8	9.7
300	294	287	270	260	250	240

1.7	3.1	6.7
250	244	235

1.3	6.4
244	232

0.0	1.8	4.0	6.7	9.0
242	233	225	218	210

0.0	1.8	4.1	7.4
217	209	200	185

V3.1

0.0	2.4	4.0	6.3	8.8
209	200	193	184	177

V33

3.2	40	5.5	7.8	10.4
222	210	200	188	179

V09

6.1	4.8
285	300

3.2	8.4	8.9	8.7	8.5	8.8	9.3	12.0	15.6
269	261	250	240	236	224	211	189	174

3.8	4.5	5.5	7.0
300	285	272	260

3.7	4.1	4.7	4.5	7.0
300	283	269	258	250

4.7	4.7	4.9	5.7	6.5
300	288	277	263	250

4.6	5.3	6.4	6.7	6.0	5.3	5.3	6.5
300	291	284	273	263	250	231	224

4.5	4.9	4.5	5.5	5.8	5.6	5.5	6.8
300	286	273	261	250	241	229	215

Sta.	+	H.I.	−	Elev.	
		904.88			
2+70					
T.P.	0.33	897.47	7.74	897.14	
T.P.	0.57	885.92	12.12	885.35	
T.P.	0.53	875.90	10.55	875.37	
T.P.	0.35	867.65	8.60	867.30	
T.P.	1.78	857.01	12.42	855.23	
B.M.			11.41	845.60	845.57
B.M.			7.65	849.36	849.33

10-28-27

Left.

5.8	6.9	8.1	9.5	10.0	10.4
300	284	273	262	250	234

Spk. in P.P. Lt. Sta. 0-25

Spk. in Light Pole Int. McCarrons Blvd. So. & Rice St.

Lake Improvement.
Final x Sections of Borrow
Pit on McCarrons Blvd So.

Sta.	+	H.I.	−	Elev.
B.M.	6.05	851.62 ✓		845.57
0+00				
0+12				
T.P.	11.78	863.08 ✓	0.32	851.30 ✓
T.P.	6.68	868.64 ✓	1.12	861.96 ✓
0+27				
0+40				
0+54				
0+81				
1+08				
1+35				
1+62				
1+89				
2+16	0.0 Section Same as Original x Sec.			
T.P.	12.35	880.03 ✓	0.94	867.68 ✓
0+40				

11-28-67

Left

Spk in P.P. at Sta. 0-25.

5.8 6.4 6.7 6.8 7.4 6.7 7.7 8.2 (8.0)
134 100 80 57 41 33 25 18 8.1

4.0 4.7 2.1 5.2 5.0 5.1 8.3 8.7 (8.0)
150 120 100 64 45 34 25 17 8.1

11.8 11.0 9.2 11.9 1.2 6.6 (25.1)
150 120 80 71 68 58

0.0 2.2 4.8 5.9 5.7 4.0 7.2 (25.2)
127 125 96 80 73 65 59

1.3 4.8 5.9 6.0 6.0 6.1 9.1 (25.3)
138 133 127 100 80 68 60

0.0 4.7 5.8 5.5 6.0 7.3 10.9 (25.5)
148 139 120 104 87 73 63

0.0 4.5 5.3 5.7 7.1 10.8 (25.7)
150 143 120 97 76 66

1.1 5.2 5.8 6.1 10.3 (25.6)
131 125 97 80 71

1.0 8.3 12.1 12.7 11.0 5.7 5.5 7.0 (25.3)
136 126 116 102 76 75 58 75

6.7 11.4 12.4 12.3 11.1 (25.2)
127 120 93 75 72 65

11.3 7.8 6.6 (36.5)
165 140 132

Sta.	+	H.I.	−	Elev.	
		880.03			
0+54					
0+81					
T.P.	3.15	882.88 ✓	0.30	877.73 ✓	
1+08					
1+35					
1+62					
1+89					
T.P.	2.22	875.01	10.09	872.79 ✓	
T.P.	4.72	867.41	12.32	862.69	
T.P.	1.41	856.03	12.77	854.62	
B.M.			10.43	845.60	845.57

11-28-37

Left.

8.9 7.8
165 145 (36.7)

1.5 2.6 2.8
161 154 152 (36.9)

2.7 2.9 2.8
175 156 154 (40.0)

6.4 5.8 6.1
154 140 136 (39.9)

8.0 7.6
155 140 (39.4)

5.1 5.7 8.8
158 145 131 (39.5)