

1315



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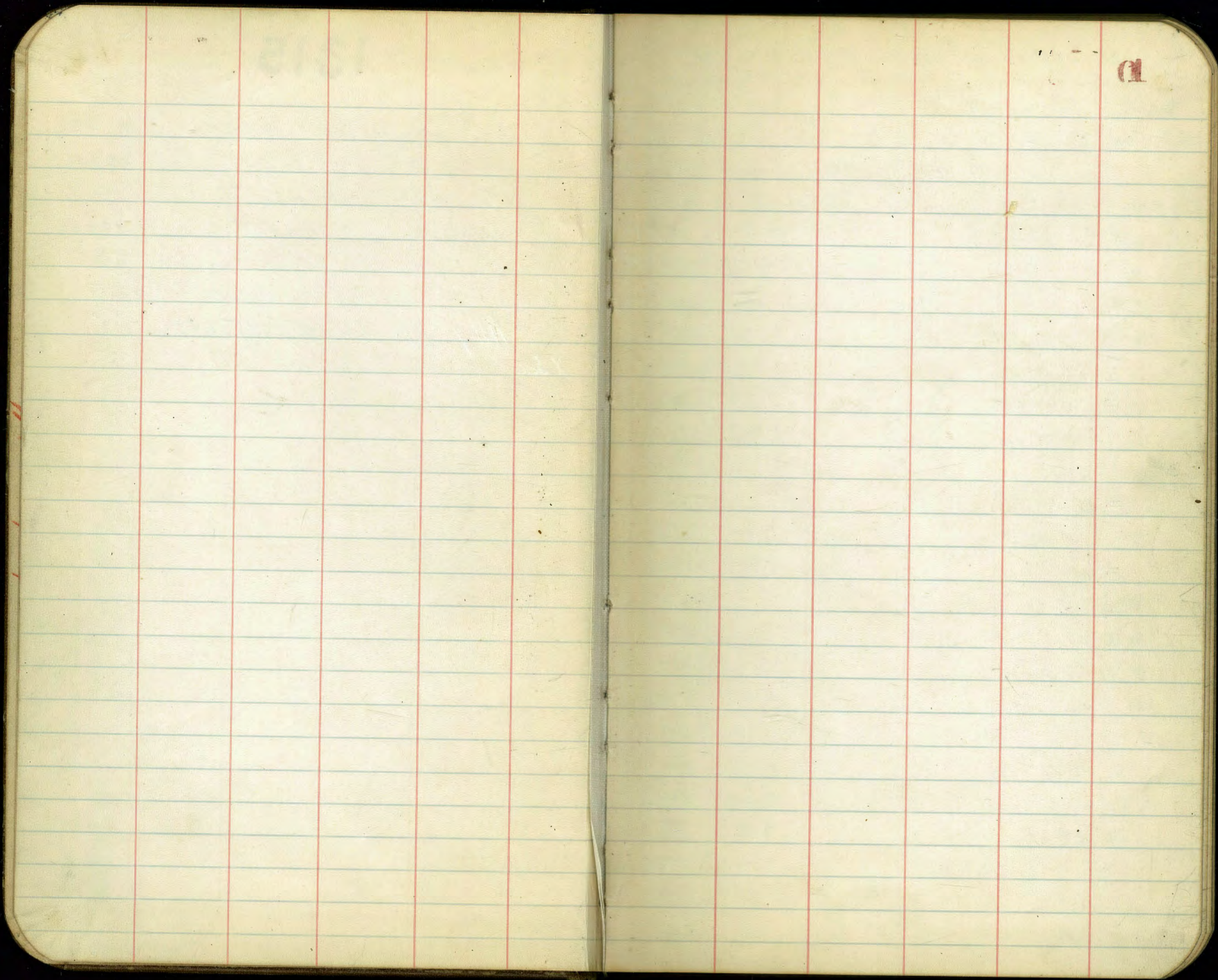
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No. 385 Dpp 78 9/25/78 H.H.

1315

| | |
|--|-------|
| 31 st St Market to Logan | 2-43 |
| Greely St 30 th to 32 nd | 43-51 |
| Martin St 32 nd to 31 st | 51-57 |
| Valle St 31 st to 32 nd | 57-62 |
| Ch Levels 31 st Imperial to Logan | 63 |
| Alley Blk 407 Helpingstone Add | 65 |
| Alley Blk 20 City St Alta | 68 |
| X Sec. Delaware Madison South | 75 |



X-Section 31st from Market to Logan
60' wide, 10' SW. 10' Quarters

Jaeger
Bailey
Clarvot
Brooks } Febr. 8th 1979.

2

| STA | + | H.I. | Elev. |
|------------------------------------|-------------|--------|--------|
| Mon. SW. 31 st & Market | 0.12 | 102.76 | 102.64 |
| 0+00 | S.W. Market | | |
| W. Curb Top | 0.75 | | 102.01 |
| ✓ Bott. | 1.38 | | 101.38 |
| W 1/4 | 1.42 | | 101.34 |
| ¢ | 1.58 | | 101.18 |
| E 1/4 | 1.97 | | 100.79 |
| E. Curb Bott. | 2.37 | | 100.39 |
| ✓ Top | 1.74 | | 101.02 |
| 0+50 | | | |
| E. Curb Top | 5.24 | | 97.52 |
| ✓ Bott. | 5.90 | | 96.86 |
| E 1/4 | 5.5 | | 97.3 |
| ¢ | 5.3 | | 97.5 |
| W 1/4 | 5.1 | | 97.7 |
| W. Curb Bott. | 5.1 | | 97.7 |
| ✓ Top | 4.42 | | 98.34 |
| 1+00 | | | |
| W. Curb Top | 8.13 | | 94.63 |
| ✓ Bott. | 9.20 | | 93.56 |
| W 1/4 | 8.6 | | 94.2 |
| ¢ | 8.9 | | 93.9 |
| E 1/4 | 9.3 | | 93.5 |
| E. Curb Bott. | 9.7 | | 93.1 |

Plotted 8/7/79
T.D.

Yardage
BK 13 P 3 A
4-24
4-24

| + | H.I. | - | Elev. |
|--------------------|-----------------|-------|-------|
| E. Curb Top | | 8.73 | 94.03 |
| 1+39 ⁸⁰ | N.W. Alley | | |
| E. L. Curb Top | | 11.42 | 91.34 |
| ✓ Bott. | | 12.1 | 90.7 |
| E. Curb Top | | 11.55 | 91.21 |
| ✓ Bott. | | 12.10 | 90.66 |
| E 1/4 | | 12.1 | 90.7 |
| ¢ | | 11.9 | 90.9 |
| W 1/4 | | 11.5 | 91.3 |
| W. Curb Bott. | | 12.0 | 90.8 |
| ✓ Top | | 11.03 | 91.73 |
| W. L. Curb Top | | 10.88 | 91.88 |
| ✓ Bott. | | 11.2 | 91.6 |
| 1+49 ⁸⁰ | ¢ Alley | | |
| W. L. | | 12.1 | 90.7 |
| W. Curb | | 12.6 | 90.2 |
| W 1/4 | | 12.2 | 90.6 |
| ¢ | | 12.6 | 90.2 |
| E 1/4 | | 12.8 | 90.0 |
| E. Curb | | 12.9 | 89.9 |
| E. L. | | 13.4 | 89.4 |
| T.P. | | 12.93 | 89.83 |
| 1+59 ⁸⁰ | S.L. Alley 1.00 | 90.83 | |
| E. L. Curb Top | | 0.70 | 90.13 |
| ✓ Bott. | | 1.40 | 89.43 |

90.83

| STA | + | H.I. | - | Elev |
|---------------|---|------|------|-------|
| E. Curb Top | | | 1.18 | 89.65 |
| ✓ Bolt. | | | 1.5 | 89.3 |
| E/4 | | | 1.6 | 89.2 |
| ¢ | | | 1.4 | 89.4 |
| W/4 | | | 1.0 | 89.8 |
| W. Curb Bolt. | | | 1.0 | 89.8 |
| ✓ Top | | | 0.55 | 90.28 |
| W.L. Curb Top | | | 0.22 | 90.61 |
| ✓ Bolt. | | | 0.6 | 90.2 |
| 2+00 | | | | |
| W. Curb Top | | | 3.53 | 87.30 |
| ✓ Bolt. | | | 4.1 | 86.7 |
| W/4 | | | 4.0 | 86.8 |
| ¢ | | | 4.1 | 86.7 |
| E/4 | | | 4.2 | 86.6 |
| E. Curb Bolt. | | | 4.6 | 86.2 |
| ✓ Top | | | 3.63 | 87.20 |
| 2+50 | | | | |
| E. Curb Top | | | 7.28 | 83.55 |
| ✓ Bolt. | | | 8.1 | 82.7 |
| E/4 | | | 8.8 | 82.0 |
| ¢ | | | 7.6 | 83.2 |
| W/4 | | | 7.5 | 83.3 |
| W. Curb Bolt. | | | 8.3 | 82.5 |
| ✓ Top | | | 7.17 | 83.66 |

90.83

3

| STA | + | H.I. | - | Elev. |
|--|---|-------|-------|------------|
| 2+99 ⁹⁴ | | | | |
| N.L. Island 80' wide, 14' SW. | | | | 13' Quast. |
| W. Curb Top | | | 10.73 | 80.10 |
| ✓ Bolt. | | | 11.0 | 79.8 |
| W/4 | | | 10.3 | 80.5 |
| ¢ | | | 10.1 | 80.7 |
| E/4 | | | 10.4 | 80.4 |
| E. Curb Bolt. | | | 11.2 | 79.6 |
| ✓ Top | | | 10.76 | 80.07 |
| N. Curb Island | | | | |
| E.L. Curb Top | | | 10.8 | 80.03 |
| ✓ Bolt. | | | 11.3 | 79.5 |
| E. Curb | | | 11.1 | 79.7 |
| E/4 | | | 10.7 | 80.1 |
| ¢ | | | 10.5 | 80.3 |
| W/4 | | | 10.6 | 80.2 |
| W. Curb | | | 11.1 | 79.7 |
| W.L. Curb Bolt. | | | 11.1 | 79.7 |
| ✓ Top | | | 10.8 | 80.03 |
| T.P. | | | 10.44 | 80.39 |
| 2.37 | | 82.76 | | |
| P.M. SW. 31 st & Island 80.64 | | | 2.12 | 80.64 |
| N. 1/4 Island | | | | |
| W.L. | | | 3.1 | 79.7 |
| W. Curb | | | 3.1 | 79.7 |
| W/4 | | | 2.8 | 80.0 |

| STA | + | H.I. | - | Elev |
|---------------|-------|-------------|------|-------|
| ☐ | | | 2.8 | 80.0 |
| E 1/4 | | | 3.0 | 79.8 |
| E Curb | | | 3.1 | 79.7 |
| E L. | | | 3.1 | 79.7 |
| | ☐ | Island | | |
| E L. | | | 3.3 | 79.5 |
| E Curb | | | 3.4 | 79.4 |
| E 1/4 | | | 3.2 | 79.6 |
| ☐ | | | 3.0 | 79.8 |
| W 1/4 | | | 3.1 | 79.7 |
| W Curb | | | 3.4 | 79.4 |
| W.L. | | | 3.2 | 79.6 |
| | S 1/4 | Island | | |
| W.L. | | | 3.4 | 79.4 |
| W Curb | | | 3.7 | 79.1 |
| W 1/4 | | | 3.3 | 79.5 |
| ☐ | | | 3.2 | 79.6 |
| E 1/4 | | | 3.4 | 79.4 |
| E Curb | | | 3.6 | 79.2 |
| E L. | | | 3.5 | 79.3 |
| | S | Curb Island | | |
| E L. Curb Top | | | 3.24 | 79.52 |
| | ✓ | Bottom | 3.6 | 79.2 |
| E Curb | | | 3.9 | 78.9 |
| E 1/4 | | | 3.5 | 79.3 |

| STA | + | H.I. | - | Elev |
|---------------|------|-------------|------|-------|
| ☐ | | | 3.3 | 79.5 |
| W 1/4 | | | 3.4 | 79.4 |
| W Curb | | | 3.8 | 79.1 |
| W.L. Curb Top | | | 3.19 | 79.57 |
| | ✓ | Bottom | 3.7 | 79.1 |
| | 0+00 | S.W. Island | | |
| | | | 3.23 | 79.53 |
| | ✓ | Bottom | 4.0 | 78.8 |
| W 1/4 | | | 3.5 | 79.3 |
| ☐ | | | 3.4 | 79.4 |
| E 1/4 | | | 3.7 | 79.1 |
| E Curb Bottom | | | 4.0 | 78.8 |
| | ✓ | Top | 3.25 | 79.51 |
| | 0+50 | | | |
| | | | 3.60 | 79.16 |
| | ✓ | Bottom | 4.4 | 78.4 |
| E 1/4 | | | 3.9 | 78.9 |
| ☐ | | | 4.0 | 78.8 |
| W 1/4 | | | 4.0 | 78.8 |
| W Curb Bottom | | | 4.5 | 78.3 |
| | ✓ | Top | 3.74 | 79.02 |
| | 1+00 | | | |
| | | | | |
| | | Driveway | | |
| | | | 5.00 | 77.76 |
| | | | 4.5 | 78.3 |

| STA | + | H.I. | - | Elev. |
|------|------------------|----------------|------|-------|
| | ϕ | | 4.2 | 78.6 |
| | E 1/4 | | 4.5 | 78.3 |
| | E. Curb Bott. | | 4.8 | 78.0 |
| | ✓ Top | | 4.07 | 78.69 |
| 1+40 | N.L. Alley | on West on leg | | |
| | E. Curb Top | | 4.43 | 78.33 |
| | ✓ Bott. | | 5.0 | 77.8 |
| | E 1/4 | | 4.9 | 77.9 |
| | ϕ | | 4.6 | 78.2 |
| | W 1/4 | | 4.9 | 77.9 |
| | W. Curb Bott. | | 5.2 | 77.6 |
| | ✓ Top | | 4.64 | 78.12 |
| | W.L. Curb Top | | 4.37 | 78.39 |
| | ✓ Bott. | | 4.6 | 78.2 |
| 1+50 | ϕ Alley | | | |
| | W.L. | | 4.6 | 78.2 |
| | W. Curb | | 5.4 | 77.4 |
| | W 1/4 | | 4.9 | 77.9 |
| | ϕ . Tops Manhole | | 4.59 | 78.17 |
| | E 1/4 | | 5.0 | 77.8 |
| | E. Curb Bott. | | 5.1 | 77.7 |
| | ✓ Top | | 4.57 | 78.19 |
| 1+60 | S.L. Alley | | | |
| | E. Curb Top | | 4.62 | 78.14 |
| | ✓ Bott. | | 5.2 | 77.6 |

| STA | + | H.I. | - | Elev. |
|-----|---------------|------|------|-------|
| | E 1/4 | | 5.1 | 77.7 |
| | ϕ | | 4.9 | 77.9 |
| | W 1/4 | | 5.0 | 77.8 |
| | W. Curb Bott. | | 5.6 | 77.2 |
| | ✓ Top | | 4.81 | 77.95 |
| | W.L. Curb Top | | 4.46 | 78.30 |
| | ✓ Bott. | | 4.6 | 78.2 |
| | W. Curb Top | | 5.21 | 77.55 |
| | ✓ Bott. | | 5.9 | 76.9 |
| | W 1/4 | | 5.6 | 77.2 |
| | ϕ | | 5.4 | 77.4 |
| | E 1/4 | | 5.5 | 77.3 |
| | E. Curb Bott. | | 5.7 | 77.1 |
| | ✓ Top | | 4.94 | 77.82 |
| | E. Curb Top | | 5.31 | 77.45 |
| | ✓ Bott. | | 6.1 | 76.7 |
| | E 1/4 | | 5.7 | 77.1 |
| | ϕ | | 5.8 | 77.0 |
| | W 1/4 | | 5.9 | 76.9 |
| | W. Curb Bott. | | 6.3 | 76.5 |
| | ✓ Top | | 5.71 | 77.05 |

| STA | + | H.I. | - | Elev. |
|--------------------|------------------|-------------------|------------|-------|
| 3+00 ²⁹ | N.L. - "J" Str. | 80' wide, 14' SW. | 13' Quart. | |
| | W. Curb Top | | 6.23 | 76.53 |
| | ✓ Bott. | | 6.7 | 76.1 |
| | W 1/4 | | 6.4 | 76.4 |
| | ☐ | | 6.2 | 76.6 |
| | E 1/4 | | 6.3 | 76.5 |
| | E. Curb Bott. | | 6.3 | 76.5 |
| | ✓ Top | | 5.75 | 77.01 |
| | N. Curb "J" Str. | | | |
| | E.L. Curb Top | | 5.70 | 77.06 |
| | ✓ Bott. | | 6.1 | 76.7 |
| | E. Curb | | 6.2 | 76.6 |
| | E 1/4 | | 6.3 | 76.5 |
| | ☐ | | 6.3 | 76.5 |
| | W 1/4 | | 6.5 | 76.3 |
| | W. Curb | | 6.7 | 76.1 |
| | W.L. Curb Bott. | | 6.6 | 76.2 |
| | ✓ Top | | 6.23 | 76.53 |
| | N 1/4 "J" Str. | | | |
| | W.L. | | 6.8 | 76.0 |
| | W. Curb | | 6.6 | 76.2 |
| | W 1/4 | | 6.4 | 76.4 |
| | ☐ | | 6.3 | 76.5 |
| | E 1/4 | | 6.5 | 76.3 |
| | E. Curb | | 6.2 | 76.6 |

| STA | + | H.I. | - | Elev. |
|-----|------------------|------|------|-------|
| | E.L. | | 6.0 | 76.8 |
| | ☐ "J" St. | | | |
| | E.L. | | 6.2 | 76.6 |
| | E. Curb | | 6.4 | 76.4 |
| | E 1/4 | | 6.6 | 76.2 |
| | ☐ | | 6.5 | 76.3 |
| | W 1/4 | | 6.5 | 76.3 |
| | W. Curb | | 6.5 | 76.3 |
| | W.L. | | 6.5 | 76.3 |
| | S 1/4 "J" St. | | | |
| | W.L. | | 6.8 | 76.0 |
| | W. Curb | | 6.8 | 76.0 |
| | W 1/4 | | 6.7 | 76.1 |
| | ☐ | | 6.6 | 76.2 |
| | E 1/4 | | 6.7 | 76.1 |
| | E. Curb | | 6.6 | 76.2 |
| | E.L. | | 6.6 | 76.2 |
| | S. Curb "J" Str. | | | |
| | E.L. Curb Top | | 6.23 | 76.53 |
| | ✓ Bott. | | 6.8 | 76.0 |
| | E. Curb | | 6.8 | 76.0 |
| | E 1/4 | | 6.9 | 75.9 |
| | ☐ | | 6.9 | 75.9 |
| | W 1/4 | | 7.0 | 75.8 |
| | W. Curb | | 7.3 | 75.5 |

| STA | + | H.I. | - | Elev. |
|------|-------------------|---------|------|-------|
| | W. L. Curb | | 7.4 | 75.4 |
| | ✓ Top | | 6.74 | 76.02 |
| 0+00 | S. L. "J." Street | | | |
| | W. Curb | | 6.81 | 75.95 |
| | ✓ Top | | | |
| | Booth. | | 7.0 | 75.8 |
| | W 1/4 | | 6.8 | 76.0 |
| | ☐ | | 6.7 | 76.1 |
| | E 1/4 | | 6.8 | 76.0 |
| | E. Curb | | 6.8 | 76.0 |
| | Booth. | | | |
| | ✓ Top | | 6.76 | 76.56 |
| | T.P. | | 6.75 | 76.01 |
| | S. 55 | 81.56 ✓ | | |
| 0+50 | | | | |
| | E. Curb | | 4.67 | 76.89 |
| | ✓ Top | | | |
| | Booth. | | 5.5 | 76.1 |
| | E 1/4 | | 5.3 | 76.3 |
| | ☐ | | 5.0 | 76.6 |
| | W 1/4 | | 5.2 | 76.4 |
| | W. Curb | | 5.6 | 76.0 |
| | Booth. | | | |
| | ✓ Top | | 5.22 | 76.34 |
| 1+00 | | | | |
| | W. Curb | | 4.92 | 76.64 |
| | ✓ Top | | | |
| | Booth. | | 5.4 | 76.2 |
| | W 1/4 | | 5.2 | 76.4 |
| | ☐ | | 5.0 | 76.6 |

| STA | + | H.I. | - | Elev. |
|------|---------------|-------|------|-------|
| | E 1/4 | 81.56 | 5.0 | 76.6 |
| | E. Curb | | 5.0 | 76.6 |
| | Booth. | | | |
| | ✓ Top | | 4.35 | 77.21 |
| 1+40 | N. L. Alley | | | |
| | Paved on East | | | |
| | E. L. Curb | | 3.90 | 77.66 |
| | Top | | | |
| | ✓ Booth. | | 4.34 | 77.22 |
| | E. Curb | | 4.12 | 77.44 |
| | Top | | | |
| | ✓ Booth. | | 4.60 | 78.96 |
| | E 1/4 | | 4.8 | 76.8 |
| | ☐ | | 4.6 | 77.0 |
| | W 1/4 | | 4.9 | 76.7 |
| | W. Curb | | 4.9 | 76.7 |
| | Booth. | | | |
| | ✓ Top | | 4.59 | 76.97 |
| | W. L. Curb | | 4.41 | 77.15 |
| | Top | | | |
| | ✓ Booth. | | 4.5 | 77.1 |
| 1+50 | ☐ Alley | | | |
| | W. L. | | 5.0 | 78.6 |
| | W. Curb | | 4.8 | 76.8 |
| | Booth. | | | |
| | W 1/4 | | 4.8 | 76.8 |
| | ☐ | | 4.6 | 77.0 |
| | E 1/4 | | 4.7 | 76.9 |
| | E. Curb | | 4.7 | 76.9 |
| | Booth. | | | |
| | E. L. | | 4.65 | 76.91 |
| 1+60 | S. L. Alley | | | |
| | E. L. Curb | | 3.72 | 77.84 |

| STA | + | H.I. | - | Elev. |
|---------------|---|------|------|-------|
| | | | 4.24 | 77.32 |
| Curb Bott. | | | | |
| E. Curb Top | | | 3.97 | 77.59 |
| ✓ Bott. | | | 4.6 | 77.0 |
| E 1/4 | | | 4.6 | 77.0 |
| Φ | | | 4.5 | 77.1 |
| W 1/4 | | | 4.7 | 76.9 |
| W. Curb Bott. | | | 4.8 | 76.8 |
| ✓ Top | | | 4.45 | 77.11 |
| W.L. Curb Top | | | 4.22 | 77.34 |
| ✓ Bott. | | | 4.4 | 77.2 |
| 2+00 | | | | |
| W. Curb Top | | | 4.19 | 77.37 |
| ✓ Bott. | | | 4.8 | 76.8 |
| W 1/4 | | | 4.4 | 77.2 |
| Φ | | | 4.3 | 77.3 |
| E 1/4 | | | 4.4 | 77.2 |
| E. Curb Bott. | | | 4.5 | 77.1 |
| ✓ Top | | | 3.73 | 77.83 |
| 2+50 | | | | |
| E. Curb Top | | | 3.31 | 78.25 |
| ✓ Bott. | | | 4.1 | 77.5 |
| E 1/4 | | | 4.0 | 77.6 |
| Φ | | | 4.0 | 77.6 |
| W 1/4 | | | 4.1 | 77.5 |
| W. Curb Bott. | | | 4.4 | 77.2 |

| STA | + | H.I. | - | 8 Elev. |
|--------------------------------|---|-------|---------|---------|
| | | | 3.87 | 77.69 |
| W. Curb Top | | | | |
| 3+00 N.L. "K" Street - Paved - | | | | |
| W. Curb Top | | | 3.53 | 78.03 |
| ✓ Bott. | | | 4.12 | 77.44 |
| W 1/4 | | | 3.61 | 77.95 |
| Φ | | | 3.42 | 78.14 |
| E 1/4 | | | 3.45 | 78.11 |
| E. Curb Bott. | | | 3.63 | 77.93 |
| ✓ Top | | | 3.06 | 78.50 |
| T.B. NE. B.P. | | 78.47 | 3.04 | 78.52 |
| | | | | 78.47 ✓ |
| | | 3.07 | 81.54 ✓ | |
| 0+00 S.L. "K" Street | | | | |
| E. Curb Top | | | 3.62 | 77.92 |
| ✓ Bott. | | | 4.15 | 77.39 |
| E 1/4 | | | 3.75 | 77.79 |
| Φ | | | 3.57 | 77.97 |
| W 1/4 | | | 3.72 | 77.82 |
| W. Curb Bott. | | | 4.29 | 77.25 |
| ✓ Top | | | 3.62 | 77.92 |
| 0+50 | | | | |
| W. Curb Top | | | 4.05 | 77.49 |
| ✓ Bott. | | | 4.8 | 76.7 |
| W 1/4 | | | 4.2 | 77.3 |
| Φ | | | 4.1 | 77.4 |

| STA | + | H.I. | - | Elev. |
|------|---------|------|------|-------|
| | | 8154 | | |
| | | | 4.3 | 77.2 |
| | | | 4.6 | 76.9 |
| | ✓ | | 3.84 | 77.7 |
| 1+00 | | | | |
| | | | 4.06 | 77.48 |
| | ✓ | | 4.8 | 76.7 |
| | | | 4.6 | 76.9 |
| | ⊘ | | 4.3 | 77.2 |
| | W/a | | 4.4 | 77.1 |
| | W. Curb | | 5.01 | 76.53 |
| | ✓ | | 4.25 | 77.29 |
| 1+40 | | | | |
| | | | 4.23 | 77.31 |
| | ✓ | | 4.2 | 77.3 |
| | | | 4.45 | 77.05 |
| | ✓ | | 4.9 | 76.6 |
| | W/a | | 4.7 | 76.8 |
| | ⊘ | | 4.4 | 77.1 |
| | E/a | | 4.6 | 76.9 |
| | E. Curb | | 4.6 | 76.9 |
| | ✓ | | 4.2 | 77.34 |
| | E.W. ✓ | | 4.04 | 77.50 |
| | ✓ | | 4.1 | 77.50 |
| 1+50 | | | 4.4 | 77.1 |
| | | | 4.6 | 76.9 |
| | | | 4.6 | 76.9 |

| STA | + | H.I. | - | Elev. |
|------|-----------|------|------|-------|
| | | | 4.3 | 77.2 |
| | | | 4.7 | 76.8 |
| | | | 5.0 | 76.5 |
| | | | 4.3 | 77.2 |
| 1+60 | | | | |
| | | | 4.46 | 77.06 |
| | ✓ | | 3.7 | 78.8 |
| | | | 4.61 | 76.9 |
| | ✓ | | 5.0 | 76.5 |
| | W/a | | 4.8 | 76.7 |
| | ⊘ | | 4.5 | 77.0 |
| | E/a | | 4.8 | 76.7 |
| | E. Curb | | 4.7 | 76.8 |
| | ✓ | | 4.37 | 77.17 |
| | E.W. Curb | | 4.18 | 77.36 |
| | ✓ | | 3.8 | 77.7 |
| 2+00 | | | | |
| | | | 4.54 | 77.0 |
| | ✓ | | 5.2 | 76.3 |
| | E/a | | 5.0 | 76.5 |
| | ⊘ | | 4.8 | 76.7 |
| | W/a | | 5.0 | 76.5 |
| | W. Curb | | 5.6 | 75.9 |
| | ✓ | | 4.92 | 76.62 |

| STA | + | H.I. | - | Elev. |
|----------------|---|------|------|-------|
| 2+50 | | | | |
| W. Curb Top | | | 5.27 | 76.27 |
| ✓ Booth. | | | 5.9 | 75.6 |
| W 1/4 | | | 5.5 | 76.0 |
| ⊕ | | | 5.1 | 76.4 |
| E 1/4 | | | 5.1 | 76.4 |
| E. Curb Booth. | | | 5.4 | 76.1 |
| ✓ Top | | | 4.79 | 76.75 |

| STA | + | H.I. | - | Elev. |
|------------------------------|-------|-----------------------|------|-------|
| 2+99 ⁷⁹ | N. L. | "L" Street - Pavement | | |
| E. Curb Top | | | 5.10 | 76.44 |
| ✓ Booth. | | | 5.68 | 75.86 |
| E 1/4 | | | 5.59 | 75.95 |
| ⊕ | | | 5.55 | 75.99 |
| W 1/4 | | | 5.78 | 75.76 |
| W. Curb Booth. | | | 6.07 | 75.47 |
| ✓ Top | | | 5.58 | 75.96 |
| SE "L" 21 st T.P. | | Top of Hydrant | 2.39 | 79.15 |
| | 2.13 | 81.28 ✓ | | |

| STA | + | H.I. | - | Elev. |
|------------------|---|------------------|------|-------|
| 0+60 | | S. L. "L" Street | | |
| E W. Curb Top | | | 4.80 | 76.48 |
| ✓ Booth. | | | 5.34 | 75.96 |
| E W 1/4 | | | 5.20 | 76.08 |
| ⊕ | | | 5.20 | 76.08 |
| W E 1/4 | | | 5.33 | 75.95 |
| W E. Curb Booth. | | | 5.76 | 75.52 |

| STA | + | H.I. | - | Elev. |
|------------------|---|------|------|-------|
| 0+50 | | | | |
| W E. Curb Top | | | 5.33 | 75.95 |
| W E. Curb Top | | | 5.09 | 76.19 |
| ✓ Booth | | | 5.5 | 75.8 |
| W E 1/4 | | | 4.7 | 76.5 |
| ⊕ | | | 4.7 | 76.5 |
| E W 1/4 | | | 4.8 | 76.5 |
| E W. Curb Booth. | | | 5.1 | 76.2 |
| ✓ Top | | | 4.65 | 76.63 |
| 1+00 | | | | |
| E W. Curb Top | | | 4.49 | 76.79 |
| ✓ Booth. | | | 4.9 | 76.4 |
| E W 1/4 | | | 4.6 | 76.7 |
| ⊕ | | | 4.5 | 76.8 |
| W E 1/4 | | | 4.8 | 76.5 |
| W E. Curb Booth. | | | 5.3 | 76.0 |
| ✓ Top | | | 4.86 | 76.42 |

| STA | + | H.I. | - | Elev. |
|--------------------|---|-------------|------|-------|
| 1+40 | | N. L. Alley | | |
| W E. Curb Top | | | 4.38 | 76.90 |
| ✓ Booth. higher | | | 3.9 | 77.4 |
| W E. Curb Top | | | 4.64 | 76.64 |
| ✓ Booth. | | | 5.1 | 76.2 |
| W E 1/4 | | | 4.5 | 76.8 |
| ⊕ | | | 4.2 | 77.1 |
| E W 1/4 | | | 4.3 | 78.0 |

| STA | + | H.I. | - | Elev. |
|------------------|--------|-------------|------|-------|
| E W. Curb Top | | | 4.39 | 76.89 |
| ✓ Bott. | | | 4.6 | 76.7 |
| E W. L. Curb Top | | | 4.14 | 77.14 |
| ✓ Bott. | higher | | 3.5 | 77.8 |
| 1+50 | ⊕ | Alley | | |
| E W. L. | | | 3.8 | 77.5 |
| E W. Curb | | | 4.8 | 76.5 |
| E W 1/4 | | | 4.3 | 77.0 |
| ⊕ | Top | Manhole | 4.13 | 77.15 |
| W E 1/4 | | | 4.6 | 76.7 |
| W E Curb | | | 5.2 | 76.1 |
| W E L. | | | 4.0 | 77.3 |
| 1+60 | | S. L. Alley | | |
| W E L. Curb Top | | | 4.25 | 77.03 |
| ✓ Bott. | higher | | 4.0 | 77.3 |
| W E. Curb Top | | | 4.52 | 76.76 |
| ✓ Bott. | | | 4.9 | 76.4 |
| W E 1/4 | | | 4.6 | 76.7 |
| ⊕ | | | 4.4 | 76.9 |
| E W 1/4 | | | 4.6 | 76.7 |
| E W. Curb Bott. | | | 4.9 | 76.4 |
| ✓ Top | | | 4.20 | 77.08 |
| E W. L. Curb Top | | | 4.02 | 77.26 |
| ✓ Bott. | | | 3.8 | 77.5 |

| STA | + | H.I. | - | Elev. |
|--------------------------|---|-------|------|-------|
| 2+00 | | 81.28 | | |
| E W. Curb Top | | | 4.12 | 77.16 |
| ✓ Bott. | | | 4.8 | 76.5 |
| E W 1/4 | | | 4.6 | 76.7 |
| ⊕ | | | 4.5 | 76.8 |
| W E 1/4 | | | 4.5 | 76.8 |
| W E. Curb Bott. | | | 4.9 | 76.4 |
| ✓ Top | | | 4.32 | 76.96 |
| 2+50 | | | | |
| E. Curb Top | | | 4.03 | 77.25 |
| ✓ Bott. | | | 4.6 | 76.7 |
| E 1/4 | | | 4.5 | 76.8 |
| ⊕ | | | 4.4 | 76.9 |
| W 1/4 | | | 4.5 | 76.8 |
| W. Curb Bott. | | | 4.4 | 76.9 |
| ✓ Top | | | 3.99 | 77.29 |
| 3+00 ⁸³ | | | | |
| N.W. Imperial - Pavement | | | | |
| W. Curb Top | | | 3.85 | 77.43 |
| ✓ Bott. | | | 4.40 | 76.88 |
| W 1/4 | | | 4.07 | 77.21 |
| ⊕ | | | 3.87 | 77.41 |
| E 1/4 | | | 4.05 | 77.23 |
| E. Curb Bott. | | | 4.37 | 76.91 |
| ✓ Top | | | 3.75 | 77.53 |

check levels on page 63

12

| STA | + | H.I. | - | Elev. |
|------------------------------------|------------------------------------|-------|--------------------|---------------------|
| SW. Imperial & 31st | T.P. Top Fire Hydr. | | 2.02 | 79.26 ^{ok} |
| | 0.72 | 79.98 | | |
| T.P. Edge of | side walk N.W. | | 5.90 | 74.08 |
| | 2.50 | 76.58 | | |
| T.P. Fire hydrant | S.E. cor. (Webster) | | 4.06 | 72.52 ^{ok} |
| | 1.31 | 73.83 | | |
| T.P. & RR Spike | Clay Ave | | 11.06 | 62.77 ^{ok} |
| | 2.25 | 65.02 | | |
| T.P. & R. Franklin | | | 8.07 | 56.95 |
| | 0.60 | 57.55 | | |
| T.P. | | | 10.31 | 47.24 |
| | 7.58 | 54.82 | | |
| B.P. N.W. cor. | { Ocean View Blvd } { Woolman } | | 6.31 | 48.51 ^{ok} |
| | 1.54 | 50.05 | | |
| T.P. Fire plug | S.W. Cor. | | 8.56 | 41.49 ^{ok} |
| | 0.09 | 41.58 | | |
| T.P. | | | 0.66 | 41.04 |
| | 7.17 | 48.21 | | 40.92 |
| | | 48.09 | | 47.14 |
| B.M. on curb S.W. cor. Greeley Ave | | | 1.07 ^{ok} | 47.13 |
| | 12.53 | 59.55 | | 47.02 |
| | | | 0.81 | 58.74 |
| | 12.16 | 70.90 | | |
| | | | 0.27 | 70.63 |
| | 9.03 | 79.66 | | |
| B.M. NW. B.P. Logan & 31st | | 73.95 | 5.77 ^{ok} | 73.95 |
| | | | | 73.89 |

| STA | + | H.I. | - | Elev. |
|------|---------------|-------|-------|-------|
| 0+00 | S.L. Imperial | | | |
| | T.P. | | 74.08 | ok |
| | 5.09 | 79.17 | | |
| | W. Curb Top | | 2.73 | 76.44 |
| | ✓ Bott. | | 3.48 | 75.69 |
| | W/4 | | 2.89 | 76.28 |
| | ¢ | | 2.66 | 76.51 |
| | E/4 | | 2.86 | 76.31 |
| | E. Curb Bott. | | 3.22 | 75.95 |
| | ✓ Top | | 2.71 | 76.46 |
| 0+50 | | | | |
| | E.L. | | 3.20 | 75.97 |
| | E. Curb | | 3.8 | 75.4 |
| | E/4 | | 3.6 | 75.6 |
| | ¢ | | 3.5 | 75.7 |
| | W/4 | | 3.6 | 75.6 |
| | + 8' | | 4.0 | 75.2 |
| | W. Curb | | 3.5 | 75.7 |
| | W.L. | | 3.3 | 75.9 |
| 1+00 | | | | |
| | W.L. | | 4.0 | 75.2 |
| | W. Curb | | 4.9 | 74.3 |
| | W/4 | | 3.9 | 75.3 |
| | ¢ | | 3.8 | 75.4 |
| | E/4 | | 4.4 | 74.8 |

| STA | + | H.I. | - | Elev. | STA | + | H.I. | - | Elev. |
|---------|------|-------|------------------|-------|---------------|-----------------|----------------------|------------------|-------|
| +5' | | | 4.6 | 74.6 | ♀ | | | 4.4 | 74.8 |
| E. Curb | | | 4.0 | 75.2 | W 1/4 | | | 4.7 | 74.5 |
| E.L. | | | 3.9 | 75.3 | W. Curb Bott. | | | 5.9 | 73.8 |
| 1+40 | N.L. | Alley | | | ✓ Top | | | 4.0 ^v | 75.15 |
| E.L. | | | 4.6 | 74.6 | W.L. & Top | | | 3.94 | 75.23 |
| E. Curb | | | 4.9 | 74.3 | ✓ Bott. | | | 4.8 | 74.4 |
| E 1/4 | | | 4.3 | 74.9 | 2+00 | | | | |
| ♀ | | | 4.2 ^v | 75.0 | W. Curb Top | | | 4.38 | 74.79 |
| W 1/4 | | | 4.7 | 74.3 | ✓ Bott. | | | 5.5 | 73.7 |
| +5' | | | 5.0 | 74.2 | W 1/4 | | | 4.9 | 74.3 |
| W Curb | | | 4.9 | 74.3 | ♀ | | | 4.7 | 74.5 |
| W.L. | | | 5.2 | 74.0 | E 1/4 | | | 5.0 | 74.2 |
| 1+50 | ♀ | Alley | | | E. Curb | | | 5.4 | 73.8 |
| W.L. | | | 4.7 | 74.5 | E.L. | | | 5.0 | 74.2 |
| W Curb | | | 5.4 | 73.8 | 2+50 | | | | |
| W 1/4 | | | 4.6 | 74.6 | E.L. | | | 5.4 | 73.8 |
| ♀ | | | 4.3 | 74.9 | E. Curb | | | 5.4 | 73.8 |
| E 1/4 | | | 4.4 | 74.8 | E 1/4 | | | 4.8 | 74.4 |
| +5' | | | 4.7 | 74.5 | ♀ | | | 4.8 | 74.4 |
| E. Curb | | | 4.6 | 74.6 | W 1/4 | | | 5.0 | 74.2 |
| E.L. | | | 4.3 | 74.9 | W. Curb Bott. | | | 5.9 | 73.8 |
| 1+60 | S.L. | Alley | | | ✓ Top | 100' | | 4.81 | 74.36 |
| E.L. | | | 4.8 | 74.4 | 2+99.97 | N.L. N St. (80) | 16' SW. 12' Quarters | | |
| E. Curb | | | 5.0 | 74.2 | W Curb Top | | | 5.27 | 73.90 |
| E 1/4 | | | 4.5 | 74.7 | ✓ Bott. | | | 5.7 | 73.5 |

| STA | + | H.I. | - | Elev. |
|--------------------|---|------|------|-------|
| W 1/4 | | | 5.2 | 74.0 |
| ¢ | | | 5.1 | 74.1 |
| E 1/4 | | | 5.2 | 74.0 |
| + 5' | | | 5.6 | 73.6 |
| E. Curb | | | 5.1 | 74.1 |
| E. L. | | | 4.7 | 74.5 |
| N. Curb "N" Street | | | | |
| E. L. | | | 5.1 | 74.1 |
| E Curb | | | 5.4 | 73.8 |
| + 5' | | | 5.4 | 73.8 |
| E 1/4 | | | 5.3 | 73.9 |
| ¢ | | | 5.6 | 73.6 |
| W.L. Curb Bott. | | | 5.5 | 73.7 |
| ✓ Top | | | 5.22 | 73.95 |
| N 1/4 "N" Street | | | | |
| W. L. | | | 5.2 | 74.0 |
| W. Curb | | | 5.2 | 74.0 |
| W 1/4 | | | 5.1 | 74.1 |
| ¢ | | | 5.6 | 73.6 |
| E 1/4 | | | 5.6 | 73.6 |
| E. Curb | | | 5.5 | 73.7 |
| E. L. | | | 5.4 | 73.8 |
| ¢ "N" Street | | | | |
| E L. | | | 5.2 | 74.0 |
| E Curb | | | 5.2 | 74.0 |

| STA | + | H.I. | - | Elev. |
|------------------------------|---|------|------|-------|
| E 1/4 | | | 5.2 | 74.0 |
| ¢ | | | 5.2 | 74.0 |
| W 1/4 | | | 5.0 | 74.2 |
| W. Curb | | | 5.0 | 74.2 |
| W. L. | | | 5.0 | 74.2 |
| S W 1/4 "N" Street | | | | |
| W. L. | | | 5.0 | 74.2 |
| W. Curb | | | 5.3 | 73.9 |
| W 1/4 | | | 5.2 | 74.0 |
| ¢ | | | 5.2 | 74.0 |
| E 1/4 | | | 5.2 | 74.0 |
| E Curb | | | 5.2 | 74.0 |
| E L. | | | 5.1 | 74.1 |
| + 9.81 ¢ R.R. on Top of Rail | | | | |
| E. L. | | | 5.15 | 74.02 |
| E Curb | | | 5.20 | 73.97 |
| E 1/4 | | | 5.20 | 73.97 |
| ¢ | | | 5.23 | 73.94 |
| W 1/4 | | | 5.23 | 73.94 |
| W. Curb. | | | 5.25 | 73.92 |
| W L. | | | 5.24 | 73.93 |
| 0+00 S. L. "N" Street | | | | |
| W. L. | | | 5.5 | 73.7 |
| W. Curb. | | | 5.5 | 73.7 |
| W 1/4 | | | 5.5 | 73.7 |

76.08

15

Sta BENCH MARK

SW Corner of
30th & Commercial
Hd. of R.R. Spike
Pole grd.

El. 71.599

SE Corner of
31st and Webster
Hd. of R.R. Spike
Pole grd.

El. 73.080

| Elev. | STA | + H.I. | - | Elev. |
|-------|---------|-------------|-----|-------|
| 73.7 | 1+40 | N. L. Alley | | |
| 73.7 | E.L. | | 4.0 | 72.1 |
| 73.5 | E. curb | | 4.5 | 71.6 |
| 73.3 | E 1/4 | | 4.0 | 72.1 |
| 72.52 | ☐ | | 3.9 | 72.2 |
| | W 1/4 | | 4.5 | 71.6 |
| | W. Curb | | 4.8 | 71.3 |
| | W. L. | | 4.3 | 71.8 |
| 73.7 | | ☐ Alley | | |
| 73.3 | 1+50 | | | |
| 73.3 | W. L. | | 4.2 | 71.8 |
| 73.2 | W. Curb | | 5.2 | 70.9 |
| 72.6 | W 1/4 | | 4.5 | 71.6 |
| 72.2 | ☐ | | 4.0 | 72.1 |
| 72.7 | E 1/4 | | 4.2 | 71.8 |
| 73.1 | E curb | | 4.8 | 71.3 |
| | E. L. | | 4.1 | 72.0 |
| 72.6 | 1+60 | S. L. Alley | | |
| 72.0 | E. L. | | 4.2 | 71.9 |
| 71.5 | E. curb | | 5.0 | 71.5 |
| 72.0 | E 1/4 | | 4.3 | 71.8 |
| 72.6 | ☐ | | 4.2 | 71.9 |
| 72.5 | W 1/4 | | 4.7 | 71.4 |
| 71.8 | +6 | | 5.3 | 70.8 |
| 72.1 | W. Curb | | 5.1 | 71.1 |
| 72.6 | W. L. | | 3.4 | 72.7 |

E.L.

3.5

76.08

15

| STA | + | H.I. | - | Elev. | STA | + | H.I. | - | Elev. |
|---------|---------|---------------------------|-----|-------|---------|-------------|------|---|-------|
| ϕ | | | 5.5 | 73.7 | 1+40 | N. L. Alley | | | |
| E 1/4 | | | 5.5 | 73.7 | E.L. | | 4.0 | | 72.1 |
| E. Curb | | | 5.7 | 73.5 | E. Curb | | 4.5 | | 71.6 |
| E.L. | | | 5.9 | 73.3 | E 1/4 | | 4.0 | | 72.1 |
| T.P. | see pg. | 12 correct p. 63 to 72.50 | | 72.52 | ϕ | | 3.9 | | 72.2 |
| | 3.50 | 76.08 | | | W 1/4 | | 4.5 | | 71.6 |
| 0+50 | | | | | W. Curb | | 4.8 | | 71.3 |
| E.L. | | | 2.4 | 73.7 | W.L. | | 4.3 | | 71.8 |
| E. Curb | | | 2.8 | 73.3 | 1+50 | ϕ Alley | | | |
| E 1/4 | | | 2.8 | 73.3 | W.L. | | 4.2 | | 71.8 |
| ϕ | | | 2.9 | 73.2 | W. Curb | | 5.2 | | 70.9 |
| W 1/4 | | | 3.5 | 72.6 | W 1/4 | | 4.5 | | 71.6 |
| +G | | | 3.9 | 72.2 | ϕ | | 4.0 | | 72.1 |
| W. Curb | | | 3.4 | 72.7 | E 1/4 | | 4.3 | | 71.8 |
| W.L. | | | 3.0 | 73.1 | E Curb | | 4.8 | | 71.3 |
| 1+00 | | | | | E.L. | | 4.1 | | 72.0 |
| W.L. | | | 3.5 | 72.4 | 1+60 | S. L. Alley | | | |
| W. Curb | | | 4.1 | 72.0 | E.L. | | 4.2 | | 71.9 |
| +A | | | 4.6 | 71.5 | E. Curb | | 5.0 | | 71.1 |
| W 1/4 | | | 4.1 | 72.0 | E 1/4 | | 4.3 | | 71.8 |
| ϕ | | | 3.5 | 72.6 | ϕ | | 4.2 | | 71.9 |
| E 1/4 | | | 3.6 | 72.5 | W 1/4 | | 4.7 | | 71.4 |
| +S | | | 4.3 | 71.8 | +G | | 5.3 | | 70.8 |
| E. Curb | | | 4.0 | 72.1 | W. Curb | | 5.1 | | 71.1 |
| E.L. | | | 3.5 | 72.6 | W.L. | | 3.4 | | 72.7 |

76.08

| STA | + | H.I. | - | Elev. |
|-------------|---|----------------------|------|-------|
| 2+00 | | | | |
| W.L. | | | 4.7 | 71.4 |
| W. Curb | | | 5.8 | 70.3 |
| W/4 | | | 5.2 | 70.9 |
| ☐ | | | 4.6 | 71.5 |
| E/4 | | | 5.0 | 71.1 |
| E. Curb | | | 5.1 | 71.0 |
| E.L. | | | 3.8 | 72.3 |
| 2+50 | | | | |
| E.L. | | | 3.8 | 72.3 |
| +3' | | | 4.7 | 71.4 |
| E. Curb | | | 5.0 | 71.1 |
| +2' | | | 5.6 | 70.5 |
| E/4 | | | 5.4 | 70.7 |
| ☐ | | | 5.4 | 70.7 |
| W/4 | | | 5.8 | 70.3 |
| W. Curb | | | 6.2 | 69.9 |
| +3' | | | 5.6 | 70.5 |
| W.L. | | | 5.2 | 70.9 |
| 3+02 | | N.L. Webster - Paved | | |
| W. Curb Top | | | 6.2 | 69.96 |
| ☑ | | Booth. | 6.71 | 69.37 |
| W/4 | | | 6.25 | 69.83 |
| ☐ | | | 5.96 | 70.12 |
| E/4 | | | 6.04 | 69.04 |

76.08

16

| STA | + | H.I. | - | Elev. |
|-----------------|---|----------------------------|------|-------|
| | | | | |
| E. Curb Bott. | | | 6.13 | 69.95 |
| ☑ | | | 5.54 | 70.54 |
| 0+00 | | S.L. Webster | | |
| E. Curb Top | | | 6.13 | 69.95 |
| ☑ | | | 6.89 | 69.19 |
| E/4 | | | 6.69 | 69.39 |
| ☐ | | | 6.65 | 69.43 |
| W/4 | | | 6.95 | 69.13 |
| W. Curb Bott. | | | 7.33 | 68.75 |
| ☑ | | | 6.54 | 69.54 |
| 0+01 | | | | |
| W.L. | | | 5.0 | 71.1 |
| +4' | | | 5.1 | 71.0 |
| +5' | | | 5.7 | 70.4 |
| W. Curb | | | 6.1 | 70.0 |
| W/4 | | | 6.8 | 69.3 |
| ☐ | | | 6.7 | 69.4 |
| E/4 | | | 7.1 | 69.0 |
| +9' | | | 6.5 | 69.6 |
| E. Curb | | | 5.8 | 70.3 |
| +5' | | | 5.3 | 70.8 |
| E.L. | | | 4.0 | 72.15 |
| T.P. see pg. 12 | | Correct from P. 63 = 72.58 | | 72.52 |
| | | | 4.87 | 77.39 |
| | | | | 77.45 |

| STA | + | H.I. | - | Elev. |
|---------|---|---------------------------|-----|-------|
| 0+50 | | 77.39 77.45 | | |
| E.L. | | | 2.4 | 75.1 |
| E. Curb | | | 3.3 | 74.2 |
| +7' | | | 2.9 | 74.6 |
| E 1/4 | | | 4.6 | 72.9 |
| +4' | | | 9.5 | 68.0 |
| ¢ | | | 8.7 | 68.8 |
| +6' | | | 8.9 | 68.6 |
| +8' | | | 6.2 | 71.3 |
| W 1/4 | | | 5.7 | 71.8 |
| W. Curb | | | 4.4 | 73.1 |
| W. L. | | | 4.4 | 73.1 |
| 1+00 | | | | |
| W. L. | | | 4.3 | 73.2 |
| W. Curb | | | 4.2 | 73.3 |
| +8' | | | 4.4 | 73.1 |
| W 1/4 | | | 6.2 | 71.3 |
| +3' | | | 8.0 | 69.5 |
| +4' | | | 9.7 | 67.8 |
| ¢ | | | 9.7 | 67.8 |
| +7' | | | 9.9 | 67.6 |
| E 1/4 | | | 8.3 | 69.2 |
| +4' | | | 6.6 | 70.9 |
| +5' | | | 0.4 | 77.1 |
| E. Curb | | | 0.1 | 77.4 |

| STA | + | H.I. | - | Elev. |
|------------|------|---------------------------|------|---------------------------|
| | | 77.39 77.45 | | 77.4 |
| E.L. | | | 0.1 | 77.45 77.39 |
| T.P. | | | 0.0 | 77.39 |
| Hand Level | 3.40 | 80.85 80.79 | | |
| 1+21 | | | | |
| E.L. | | | 2.7 | 78.2 |
| E. Curb | | | 2.8 | 78.1 |
| +3' | | | 3.4 | 77.5 |
| +6' | | | 4.8 | 76.1 |
| Instr. | | 77.39 ✓ 77.45 | | |
| +8' | | | 8.1 | 69.4 |
| E 1/4 | | | 9.0 | 68.5 |
| +5' | | | 10.2 | 67.3 |
| ¢ | | | 10.2 | 67.3 |
| +7' | | | 9.7 | 67.8 |
| W 1/4 | | | 8.2 | 69.3 |
| +3' | | | 4.5 | 73.0 |
| W. Curb | | | 4.2 | 73.3 |
| W. L. | | | 4.3 | 73.2 |
| 1+29 | | | | |
| W. L. | | | 4.3 | 73.2 |
| +8' | | | 4.2 | 73.3 |
| W. Curb | | | 6.2 | 71.3 |
| W 1/4 | | | 9.6 | 67.9 |
| ¢ | | | 10.1 | 67.4 |
| +9' | | | 10.1 | 67.4 |

17

| STA | + | H.I. | - | Elev. |
|---------|------------|------------------|------|-------|
| E/4 | | 77.39 | 8.2 | 69.3 |
| +1' | | 77.45 | 4.3 | 73.2 |
| +4' | | | 3.6 | 73.9 |
| | Hand Level | 80.85 | | |
| | | 80.79 | | |
| +8' | | | 3.0 | 77.9 |
| E. Curb | | | 2.7 | 78.2 |
| E.L. | | | 2.5 | 78.4 |
| 1+40 | N.L. Alley | | | |
| E.L. | | | 2.0 | 78.9 |
| E. Curb | | | 2.7 | 78.2 |
| +5' | | | 4.3 | 76.6 |
| | Instr. | 77.39 | | |
| | | 77.45 | | |
| +8' | | | 7.2 | 70.3 |
| E/4 | | | 8.7 | 68.8 |
| +5' | | | 11.0 | 66.5 |
| ⊕ | | | 10.3 | 67.2 |
| W/4 | | | 9.0 | 68.5 |
| +9' | | | 7.5 | 70.0 |
| W. Curb | | | 6.8 | 70.7 |
| +7' | | | 4.3 | 73.8 |
| W.L. | | | 4.0 | 73.5 |
| 1+55 | | | | |
| W.L. | | | 4.5 | 73.0 |
| W. Curb | | | 6.1 | 71.4 |
| +2' | | | 6.9 | 70.6 |

| STA | + | H.I. | - | Elev. |
|---------|------------|------------------|------|-------|
| | | 77.39 | | |
| +5' | | | 8.7 | 68.8 |
| W/4 | | | 9.8 | 67.7 |
| ⊕ | | | 10.8 | 66.7 |
| +7' | | | 11.1 | 66.4 |
| +8' | | | 10.4 | 67.1 |
| E/4 | | | 10.0 | 67.5 |
| +5' | | | 8.5 | 69.0 |
| | Hand Level | 80.85 | | |
| | | 80.79 | | |
| +8' | | | 3.0 | 77.9 |
| E. Curb | | | 2.0 | 78.9 |
| E.L. | | | 2.1 | 78.8 |
| 1+57 | | | | |
| E.L. | | | 2.1 | 78.8 |
| E. Curb | | | 2.0 | 78.9 |
| +2' | | | 3.0 | 77.9 |
| | Instr. | 77.39 | | |
| | | 77.45 | | |
| +5' | | | 8.7 | 68.8 |
| E/4 | | | 10.0 | 67.5 |
| +3' | | | 11.2 | 66.3 |
| ⊕ | | | 10.8 | 66.7 |
| W/4 | | | 10.5 | 67.0 |
| +6' | | | 9.9 | 67.6 |
| +8' | | | 2.4 | 75.1 |
| W. Curb | | | 2.0 | 75.5 |
| W.L. | | | 2.9 | 75.1 |

| STA | + | 77.45 77.39 H.I. | - | Elev. |
|---------|------------|------------------------|------------|-------|
| 1+60 | | | S.L. Alley | |
| | | | 2.4 | 75.1 |
| W.L. | | | 1.8 | 75.7 |
| W. Curb | | | 2.1 | 75.4 |
| +3' | | | 10.6 | 66.9 |
| +5' | | | 10.8 | 66.9 |
| W/4 | | | 10.9 | 66.6 |
| ¢ | | | 11.4 | 66.4 |
| +7' | | | 10.5 | 67.0 |
| +8' | | | 10.2 | 67.3 |
| E 1/4 | | | 9.2 | 68.3 |
| +5' | | | | |
| | Hand Level | 80.85 80.79 | | |
| +7' | | | 2.0 | 77.9 |
| E. Curb | | | 2.0 | 78.9 |
| +5' | | | 2.0 | 78.9 |
| E.L. | | | 2.4 | 78.5 |
| 2+00 | | | | |
| E.L. | | | 3.7 | 77.2 |
| +6' | | | 3.3 | 77.6 |
| +7' | | | 2.9 | 78.0 |
| E. Curb | | | 3.2 | 77.7 |
| +5' | | | 4.5 | 76.4 |
| +7' | | | 6.4 | 74.5 |
| | Instr. | 77.45 77.39 | | |
| E 1/4 | | | 8.3 | 69.2 |
| | | | 69.1 | |

| STA | + | 77.45 77.4 H.I. | - | Elev. |
|-----|------------|-----------------------|---------|-----------|
| | | | +2' | 9.0 68.5 |
| | | | +3' | 11.4 66.1 |
| | | | ¢ | 11.7 65.8 |
| | | | +7' | 11.4 66.1 |
| | Hand Level | 80.85 80.79 | | |
| | | | W/4 | 9.5 71.4 |
| | | | +5' | 6.4 74.5 |
| | | | W. Curb | 5.5 73.4 |
| | | | W.L. | 6.1 74.8 |
| | | | 2+50 | |
| | | | W.L. | 7.2 73.7 |
| | | | W. Curb | 7.0 73.9 |
| | | | +8' | 7.0 73.9 |
| | | | W/4 | 8.5 69.0 |
| | Instr. | 77.45 77.39 | +3' | 11.0 66.5 |
| | | | ¢ | 12.0 65.5 |
| | | | +8' | 12.1 65.4 |
| | | | E 1/4 | 11.3 66.2 |
| | | | +2' | 10.7 66.8 |
| | | | +5' | 3.3 74.2 |
| | Hand Level | 80.85 80.79 | | |
| | | | E. Curb | 5.5 75.4 |
| | | | +6' | 6.0 74.9 |
| | | | +9' | 13.0 67.9 |
| | | | E.L. | 13.2 67.7 |

| STA | + | H.I. | - | Elev. |
|---------|-------|-----------------------------|-------|-------|
| | T.P. | See pg 12 correct PG 3-6284 | 62.77 | |
| | 10.00 | 72.77 ✓ | | |
| | | 72.84 | | |
| 2+88 | | | | |
| E.L. | | 7.9 | 64.9 | |
| +2' | | 1.4 | 71.4 | |
| E. Curb | | 0.7 | 72.1 | |
| +2' | | 1.0 | 71.8 | |
| +5' | | 5.1 | 67.7 | |
| E 1/4 | | 7.5 | 65.3 | |
| ¢ | | 8.0 | 64.8 | |
| +9' | | 8.1 | 64.7 | |
| W 1/4 | | 7.2 | 65.6 | |
| +2' | | 1.8 | 71.0 | |
| W. Curb | | 0.8 | 72.0 | |
| W.L. | | 1.1 | 71.7 | |
| 2+99 | | | | |
| W.L. | | 5.8 | 67.0 | |
| W. Curb | | 5.7 | 67.1 | |
| +5' | | 5.4 | 67.4 | |
| +9' | | 8.6 | 64.2 | |
| W 1/4 | | 8.8 | 64.0 | |
| ¢ | | 8.9 | 63.9 | |
| E 1/4 | | 8.9 | 63.9 | |
| +4' | | 8.1 | 64.7 | |
| +6' | | 5.1 | 67.7 | |

| STA | + | H.I. | - | Elev. |
|---------------|----|-------|-----------|-------|
| | | 72.77 | | |
| | | 72.84 | | |
| E. Curb | | 5.4 | 67.4 | |
| +9' | | 5.6 | 67.2 | |
| E.L. | | 8.4 | 64.4 | |
| 3+00 | 60 | | | |
| | | | N.L. Clay | |
| | | | - Paved - | |
| | | 72.84 | | |
| E.L. SW. | | 8.39 | 64.45 | |
| E. Curb Top | | 8.68 | 64.16 | |
| ✓ Bott. | | 9.31 | 63.53 | |
| E 1/4 | | 9.01 | 63.83 | |
| ¢ | | 8.91 | 63.93 | |
| W 1/4 | | 9.0 | 63.84 | |
| W. Curb Bott. | | 9.32 | 63.52 | |
| ✓ Top | | 8.70 | 64.14 | |
| W.L. SW. | | 8.45 | 64.39 | |
| 0+00 | | | | |
| | | | S.L. Clay | |
| W.L. SW. | | 9.41 | 63.43 | |
| W. Curb Top | | 9.56 | 63.28 | |
| ✓ Bott. | | 10.45 | 62.39 | |
| W 1/4 | | 10.17 | 62.67 | |
| ¢ | | 9.98 | 62.86 | |
| E 1/4 | | 10.17 | 62.67 | |
| E. Curb Bott. | | 10.49 | 62.35 | |
| ✓ Top | | 9.71 | 63.13 | |
| E.L. SW. | | 9.58 | 63.26 | |

| STA | + | H.I. | - | Elev. | STA | + | H.I. | - | Elev. |
|---------|---|---------------------------|------|-------|---------|---|------------------|------|-------|
| 0+06 | | 72.77 72.84 | | | +5' | | 72.84 | 8.3 | 64.5 |
| +5' | | | 7.8 | 65.0 | 0+51 | | | | |
| E.L. | | | 9.2 | 63.6 | +5' | | | 2.0 | 70.8 |
| E. Curb | | | 10.5 | 62.3 | E.L. | | | 2.1 | 70.7 |
| E/4 | | | 10.8 | 62.0 | E. Curb | | | 2.5 | 70.3 |
| ¢ | | | 10.1 | 62.7 | +4' | | | 3.8 | 69.0 |
| W/4 | | | 10.1 | 62.7 | +8' | | | 10.5 | 62.3 |
| +2' | | | 9.5 | 63.3 | E/4 | | | 10.6 | 62.2 |
| +3' | | | 7.1 | 65.7 | 1+00 | | | | |
| +5' | | | 6.7 | 66.1 | +5' | | | 2.3 | 70.5 |
| W. Curb | | | 7.5 | 65.3 | E.L. | | | 2.5 | 70.3 |
| W.L. | | | 7.9 | 64.9 | E. Curb | | | 3.8 | 69.0 |
| +5' | | | 7.9 | 64.9 | +5' | | | 4.3 | 68.5 |
| 0+50 | | | | | E/4 | | | 8.0 | 64.8 |
| +5' | | | 7.9 | 64.9 | +3' | | | 9.1 | 63.7 |
| W.L. | | | 7.9 | 64.9 | +4' | | | 11.7 | 61.1 |
| W. Curb | | | 7.0 | 65.8 | ¢ | | | 11.4 | 61.4 |
| +6' | | | 5.6 | 67.2 | W/4 | | | 12.2 | 60.6 |
| W/4 | | | 8.1 | 64.7 | +6' | | | 4.9 | 67.9 |
| +1' | | | 8.4 | 64.4 | W. Curb | | | 4.6 | 68.2 |
| +4' | | | 11.6 | 61.2 | W.L. | | | 5.2 | 67.6 |
| ¢ | | | 11.1 | 61.7 | +5' | | | 5.2 | 67.6 |
| E/4 | | | 10.7 | 62.1 | 1+40 | | N.L. Alley | | |
| E. Curb | | | 9.9 | 62.9 | +5' | | | 5.8 | 67.0 |
| E.L. | | | 9.2 | 63.6 | W.L. | | | 5.6 | 67.2 |

| STA | + | H.I. | - | Elev. |
|---------|-------|------------------|------|-------|
| W. Curb | | 72.77 | 5.1 | 67.7 |
| +5 | | 72.84 | 4.8 | 68.0 |
| W 1/4 | | | 8.8 | 64.0 |
| +4 | | | 12.6 | 60.2 |
| ☐ | | | 12.2 | 60.6 |
| +6 | | | 12.6 | 60.2 |
| +7 | | | 11.1 | 61.7 |
| +9 | | | 10.5 | 62.3 |
| E 1/4 | | | 9.5 | 63.3 |
| +6 | | | 5.6 | 67.2 |
| E. Curb | | | 4.7 | 68.1 |
| E. L. | | | 4.8 | 68.0 |
| +5 | | | 4.7 | 68.1 |
| 1+60 | S. L. | Alley | | |
| +5 | | | 6.0 | 66.8 |
| E. L. | | | 6.0 | 66.8 |
| E. Curb | | | 6.0 | 66.8 |
| +5 | | | 6.8 | 66.0 |
| E 1/4 | | | 10.8 | 62.0 |
| +3 | | | 13.2 | 59.6 |
| ☐ | | | 12.8 | 60.0 |
| W 1/4 | | | 12.9 | 59.9 |
| +7 | | | 5.5 | 67.3 |
| W. Curb | | | 5.4 | 67.4 |
| W. L. | | | 5.7 | 67.1 |

| STA | + | H.I. | - | Elev. |
|---------|---|-------|------|-------|
| +5 | | 72.84 | 5.8 | 67.0 |
| 2+00 | | | | |
| W. L. | | | 7.3 | 65.5 |
| W. Curb | | | 7.6 | 65.2 |
| +5 | | | 7.7 | 65.1 |
| W 1/4 | | | 13.6 | 59.2 |
| ☐ | | | 13.3 | 59.5 |
| +8 | | | 14.0 | 58.8 |
| E 1/4 | | | 11.8 | 61.0 |
| E. Curb | | | 7.6 | 65.2 |
| E. L. | | | 7.3 | 65.5 |
| 2+50 | | | | |
| E. L. | | | 9.2 | 63.6 |
| E. Curb | | | 9.4 | 63.4 |
| +4 | | | 9.3 | 63.5 |
| E 1/4 | | | 13.3 | 59.5 |
| +2 | | | 14.8 | 58.0 |
| ☐ | | | 14.4 | 58.4 |
| +9 | | | 15.1 | 57.7 |
| W 1/4 | | | 14.0 | 58.8 |
| +4 | | | 12.0 | 60.8 |
| +6 | | | 8.0 | 64.8 |
| W. Curb | | | 7.6 | 65.2 |
| W. L. | | | 8.3 | 64.5 |

| STA | + | 7284 H.I. | - | Elev. |
|------|------------------|------------------|---------|---------------------------|
| | T.P. | | 9.95 | 62.89 62.82 |
| | 2.64 | 65.53 65.46 ✓ | | |
| 3+00 | N.L. Franklin | 80' wide | 14' SW. | 13' Quarters |
| | E.L. | | 4.5 | 61.0 |
| | E. Curb | | 6.0 | 59.5 |
| | +6' | | 6.2 | 59.3 |
| | +8' | | 7.5 | 58.0 |
| | E 1/4 | | 7.7 | 57.8 |
| | ☐ | | 7.9 | 57.6 |
| | W 1/4 | | 7.4 | 58.1 |
| | W. Curb | | 7.0 | 58.5 |
| | W.L. | | 6.5 | 59.0 |
| | N. Curb Franklin | | | |
| | W.L. | | 7.5 | 58.0 |
| | W. Curb | | 7.9 | 57.6 |
| | W 1/4 | | 7.7 | 57.8 |
| | ☐ | | 7.5 | 58.0 |
| | E 1/4 | | 8.1 | 57.4 |
| | E. Curb | | 7.3 | 58.2 |
| | E.L. | | 5.7 | 59.8 |
| | N 1/4 Franklin | | | |
| | E.L. | | 7.2 | 58.3 |
| | E. Curb | | 7.8 | 57.7 |
| | E 1/4 | | 8.2 | 57.3 |
| | ☐ | | 7.7 | 57.8 |

| STA | + | H.I. | - | 23 Elev. |
|-----|------------------|----------------|------|-------------|
| | W 1/4 | | 8.5 | 57.0 |
| | W. Curb | 65.46 65.53 | 8.8 | 56.7 |
| | W.L. | | 8.8 | 56.7 |
| | ☐ Franklin | | | |
| | W.L. | | 9.3 | 56.2 |
| | W. Curb | | 9.1 | 56.4 |
| | W 1/4 | | 8.5 | 57.0 |
| | ☐ | | 8.9 | 56.6 |
| | E 1/4 | | 8.3 | 57.2 |
| | E. Curb | | 8.8 | 56.7 |
| | E.L. | | 7.1 | 58.4 |
| | S 1/4 Franklin | | | |
| | E.L. | | 7.8 | 57.7 |
| | E. Curb | | 8.1 | 57.4 |
| | E 1/4 | | 8.1 | 57.4 |
| | ☐ | | 8.4 | 57.1 |
| | W 1/4 | | 8.9 | 56.6 |
| | W. Curb | | 9.5 | 56.0 |
| | W.L. | | 10.2 | 55.3 |
| | S. Curb Franklin | | | |
| | W.L. | | 10.2 | 55.3 |
| | W. Curb | | 10.0 | 55.5 |
| | W 1/4 | | 9.2 | 56.3 |
| | ☐ | | 8.8 | 56.7 |
| | E 1/4 | | 9.0 | 56.5 |

| STA | + | H.I. | - | Elev. |
|---------|---------------|---------------------------|------|-------|
| E. Curb | | 65.56 65.53 | 8.4 | 57.1 |
| E.L. | | | 7.8 | 57.7 |
| 0+00 | S.L. Franklin | | | |
| E.L. | | | 8.0 | 57.5 |
| E. Curb | | | 9.1 | 56.4 |
| +5 | | | 9.7 | 55.8 |
| E 1/4 | | | 9.3 | 56.2 |
| ± | | | 9.5 | 56.0 |
| W 1/4 | | | 9.8 | 55.7 |
| W. Curb | | | 10.4 | 55.1 |
| +5 | | | 10.3 | 55.2 |
| W.L. | | | 9.6 | 55.9 |
| T.P. | | | 8.56 | 56.97 |
| | 0.05 | 57.02 56.95 ✓ | | |
| 0+05 | | | | |
| +5 | | | 0.0 | 57.0 |
| E.L. | | | 0.0 | 57.0 |
| E. Curb | | | 0.8 | 56.2 |
| +4 | | | 1.1 | 55.9 |
| +5 | | | 2.2 | 54.8 |
| +7 | | | 1.0 | 56.0 |
| E 1/4 | | | 0.8 | 56.2 |
| ± | | | 1.2 | 55.8 |
| W 1/4 | | | 1.7 | 55.3 |
| W. Curb | | | 2.5 | 54.5 |

| STA | + | H.I. | - | Elev. |
|----------|---|---------------------------|-----|-------|
| | | | | 24 |
| | | | | Elev. |
| | | 56.95 57.02 | 2.6 | 54.4 |
| +3 | | | 1.0 | 56.0 |
| W.L. | | | 1.7 | 55.3 |
| +5 | | | | |
| 0+20 | | | | |
| +5 | | | 5.1 | 51.9 |
| W.L. | | | 4.5 | 52.5 |
| +1 | | | 4.5 | 52.5 |
| +2 | | | 8.6 | 49.4 |
| W. Curb. | | | 7.5 | 49.5 |
| W 1/4 | | | 3.5 | 53.5 |
| +4 | | | 1.9 | 55.1 |
| ± | | | 1.7 | 55.3 |
| E 1/4 | | | 1.4 | 55.6 |
| +3 | | | 1.4 | 55.6 |
| +5 | | | 2.1 | 54.9 |
| E. Curb | | | 1.4 | 55.6 |
| E.L. | | | 0.0 | 57.0 |
| +5 | | | 0.0 | 57.0 |
| 0+50 | | | | |
| +5 | | | 0.2 | 56.8 |
| E.L. | | | 1.1 | 55.9 |
| +6 | | | 1.4 | 55.6 |
| E. Curb | | | 2.8 | 55.2 |
| +2 | | | 3.6 | 53.4 |
| E 1/4 | | | 3.3 | 53.7 |

| STA | + | H.I. | - | Elev. |
|---------|---|-------|------|-------|
| +3 | | 56.95 | 2.8 | 54.2 |
| φ | | 57.02 | 2.6 | 54.4 |
| +7 | | | 3.6 | 53.4 |
| W/a | | | 5.4 | 51.6 |
| W. Curb | | | 9.6 | 47.4 |
| W.L. | | | 5.6 | 51.4 |
| +5' | | | 5.1 | 51.9 |
| 1+00 | | | | |
| +5 | | | 6.7 | 50.3 |
| W.L. | | | 8.9 | 48.1 |
| +5' | | | 11.6 | 45.4 |
| W. Curb | | | 11.4 | 45.6 |
| +4' | | | 10.0 | 47.0 |
| W/a | | | 6.5 | 50.5 |
| +5 | | | 4.4 | 52.6 |
| φ | | | 4.3 | 52.7 |
| +7 | | | 3.8 | 53.2 |
| E/a | | | 5.2 | 51.8 |
| +4 | | | 7.9 | 49.1 |
| +5' | | | 8.3 | 48.7 |
| +6 | | | 9.2 | 47.8 |
| E. Curb | | | 9.0 | 48.0 |
| +3 | | | 7.2 | 49.8 |
| E.L. | | | 6.2 | 50.8 |
| +5' | | | 5.4 | 51.6 |

| STA | + | H.I. | - | Elev. |
|--|---|-------|------|-------|
| 1+10 | | 56.95 | | |
| | | 57.02 | | |
| +15' | | | 5.4 | 51.6 |
| E.L. | | | 7.2 | 49.8 |
| +7' | | | 7.7 | 49.3 |
| +8 | | | 9.3 | 47.7 |
| E. Curb | | | 9.4 | 47.6 |
| +6 | | | 9.4 | 47.6 |
| E/a | | | 6.7 | 50.3 |
| +5' | | | 4.3 | 52.7 |
| φ | | | 4.5 | 52.5 |
| +7' | | | 4.9 | 52.1 |
| W/a | | | 6.5 | 50.5 |
| W. Curb | | | 10.2 | 46.8 |
| +6 | | | 11.6 | 45.4 |
| +8 | | | 11.6 | 45.4 |
| W.L. | | | 10.8 | 46.2 |
| +8 | | | 8.4 | 48.6 |
| +10 | | | 8.2 | 48.8 |
| +20 | | | 8.0 | 49.0 |
| +25 | | | 7.7 | 49.3 |
| +35 | | | 9.9 | 47.1 |
| +48 | | | 13.4 | 43.6 |
| +55 = STA. 2+71 Chas. Moores Storm Drain | | | 13.6 | 43.4 |

| STA | + | H.I. | - | Elev. | STA | + | H.I. | - | Elev. |
|---------|------------|---------------------------|------|-------|----------------------|---|---------------------------|------|-------|
| 1 + 22 | | 56.95 57.02 | | | ϕ | | 56.95 57.02 | 5.6 | 51.4 |
| + 25' | | | 14.6 | 42.4 | + 1' | | | 7.0 | 50.0 |
| + 15' | | | 14.3 | 42.7 | + 7' | | | 8.2 | 48.8 |
| + 6' | | | 14.0 | 43.0 | + 8' | | | 7.0 | 50.0 |
| W.L. | | | 13.0 | 44.0 | W 1/4 | | | 7.7 | 49.3 |
| W. Curb | | | 10.8 | 46.2 | W. Curb | | | 11.7 | 45.3 |
| W 1/4 | | | 6.7 | 50.3 | + 6' | | | 14.4 | 42.6 |
| + 4' | | | 5.0 | 52.0 | W.L. Bottom of Drain | | | 14.7 | 42.3 |
| ϕ | | | 4.9 | 52.1 | + 4' | | | 13.8 | 43.2 |
| + 6' | | | 4.3 | 52.7 | + 20 | | | 13.8 | 43.2 |
| E 1/4 | | | 6.3 | 50.7 | 1 + 50 | ϕ | Alleg | | |
| + 7' | | | 10.2 | 46.8 | + 10' | | | 13.5 | 43.5 |
| E. Curb | | | 9.8 | 47.2 | W.L. | | | 14.0 | 43.0 |
| + 3 | | | 9.7 | 47.3 | + 2' | | | 14.8 | 42.2 |
| E.L. | | | 7.4 | 49.6 | + 7' Bottom of Drain | | | 14.9 | 42.1 |
| + 15' | | | 6.4 | 50.6 | W. Curb | | | 14.9 | 42.1 |
| 1 + 40 | N.L. Alleg | | | | + 1' | | | 14.1 | 42.9 |
| + 15' | | | 8.3 | 48.7 | + 2' | | | 12.7 | 44.3 |
| + 13' | | | 9.2 | 47.8 | + 6' | | | 11.2 | 45.8 |
| E.L. | | | 10.0 | 47.0 | W 1/4 | | | 8.6 | 48.4 |
| + 5' | | | 12.1 | 44.9 | + 7' | | | 8.3 | 48.7 |
| E. Curb | | | 11.3 | 45.7 | ϕ | | | 6.3 | 50.7 |
| + 5' | | | 9.7 | 47.3 | + 7' | | | 5.4 | 51.6 |
| E 1/4 | | | 6.4 | 50.6 | E 1/4 | | | 7.1 | 49.9 |
| + 3' | | | 5.0 | 52.0 | E. Curb | | | 11.9 | 45.1 |

| STA | + | H.I. | - | Elev. |
|---|------|-----------------------------|------|---------------------------|
| E.L. | | 56.95 57.02 | 10.7 | 46.3 |
| +11' | | | 9.5 | 47.5 |
| +15' | | | 7.7 | 49.3 |
| T.P. | | | 7.00 | 49.45 50.02 |
| | 3.57 | 53.59 53.52 ✓ | | |
| 1+60 | S.L. | Alley | | |
| +15' | | | 5.4 | 48.2 |
| +11' | | | 7.1 | 46.5 |
| E.L. | | | 8.2 | 45.4 |
| +3' | | | 9.0 | 44.6 |
| +5' | | | 9.0 | 44.6 |
| +7' | | | 8.8 | 44.8 |
| +8' | | | 7.8 | 45.8 |
| E. Curb | | | 7.7 | 45.9 |
| +4' | | | 7.1 | 46.5 |
| E 1/4 | | | 3.8 | 49.8 |
| +3' | | | 2.4 | 51.2 |
| ¢ | | | 2.9 | 50.7 |
| +1' | | | 4.1 | 49.5 |
| +6' | | | 6.7 | 46.9 |
| W 1/4 | | | 10.2 | 43.4 |
| +7' | | | 10.6 | 43.0 |
| W. Curb | | | 7.8 | 45.8 |
| +7' = Sta. 3+47 Chas. Moore's Storm Drain | | | 8.9 | 44.7 |
| W.L. | | | 10.8 | 42.8 |

| STA | + | H.I. | - | Elev. |
|---------|---|-------|------|-------|
| | | 53.59 | 10.8 | 42.8 |
| +20' | | | | |
| 1+70 | | | | |
| +20' | | | | |
| | | | 10.6 | 43.0 |
| W.L. | | | 11.4 | 42.2 |
| W. Curb | | | 7.8 | 45.8 |
| +6' | | | 7.3 | 46.3 |
| +9' | | | 10.1 | 43.5 |
| W 1/4 | | | 10.4 | 43.2 |
| +5' | | | 10.1 | 43.5 |
| ¢ | | | 7.8 | 45.8 |
| +7' | | | 6.0 | 47.6 |
| E 1/4 | | | 4.5 | 49.1 |
| +4' | | | 6.6 | 47.0 |
| E. Curb | | | 7.7 | 45.9 |
| +5' | | | 8.8 | 44.8 |
| E.L. | | | 9.2 | 44.4 |
| +12' | | | 7.9 | 45.7 |
| +15' | | | 6.9 | 46.7 |
| 1+80 | | | | |
| +15' | | | | |
| +10' | | | 6.8 | 46.8 |
| E.L. | | | 8.9 | 44.7 |
| E. Curb | | | 9.3 | 44.3 |
| +7' | | | 7.9 | 45.7 |
| E 1/4 | | | 7.2 | 46.4 |
| | | | 9.9 | 43.7 |

| STA | + | H.I. | - | Elev. | STA | + | H.I. | - | Elev. |
|---------|---|------------------|------|-------|---------|--------------|-------|------|-------|
| +6' | | 53.52 | 10.1 | 43.5 | +12' | | 53.59 | 9.3 | 44.3 |
| ☐ | | 53.59 | 8.5 | 45.1 | +15' | | | 8.1 | 45.2 |
| +8' | | | 4.8 | 48.8 | 2+00 | | | | |
| W'4 | | | 5.6 | 48.0 | +15' | | | 5.5 | 48.4 |
| W. Curb | | | 11.4 | 42.2 | +9' | Top Bulkhead | | 5.5 | 48.4 |
| +4' | | | 12.0 | 41.6 | Pool. ✓ | | | 9.3 | 44.3 |
| W.L. | | | 11.7 | 41.9 | E.L. | | | 10.3 | 43.3 |
| +20' | | | 10.4 | 43.2 | +2' | | | 9.8 | 43.8 |
| 1+88 | | | | | E. Curb | | | 10.0 | 43.6 |
| +20' | | | 10.3 | 43.3 | +3' | | | 8.0 | 45.6 |
| W.L. | | | 11.3 | 42.3 | +7' | | | 6.6 | 47.0 |
| +8' | | | 11.9 | 41.7 | E'4 | | | 4.8 | 48.8 |
| W. Curb | | | 11.5 | 42.1 | +3' | | | 4.2 | 49.4 |
| W'4 | | | 5.3 | 48.3 | ☐ | | | 4.6 | 49.0 |
| +3' | | | 3.8 | 49.8 | +7' | | | 4.0 | 49.6 |
| ☐ | | | 4.4 | 49.2 | W'4 | | | 5.8 | 47.8 |
| +3' | | | 4.2 | 49.6 | W. Curb | | | 11.3 | 42.3 |
| +8' | | | 9.7 | 43.9 | W.L. | | | 11.3 | 42.3 |
| E'4 | | | 10.2 | 43.4 | +20' | | | 9.8 | 43.8 |
| +9' | | | 10.2 | 43.4 | 2+12.50 | | | | |
| E. Curb | | | 9.4 | 44.2 | +20' | | | 9.4 | 44.2 |
| +2' | | | 8.2 | 45.4 | W.L. | | | 9.4 | 44.2 |
| E.L. | | | 8.8 | 44.8 | +2' | | | 11.4 | 42.2 |
| +4' | | | 10.0 | 43.6 | W. Curb | | | 11.0 | 42.6 |
| +7' | | | 9.4 | 44.2 | +4' | | | 10.4 | 43.2 |

| STA | + | H.I. | - | Elev. |
|---------|--------------------------|------------------|-------|-------|
| W 1/4 | | 53.52 | 7.3 | 46.3 |
| +5' | | 53.59 | 4.2 | 49.4 |
| ¢ | | | 4.7 | 48.9 |
| +7' | | | 4.2 | 49.4 |
| E 1/4 | | | 6.2 | 47.4 |
| +5' | | | 9.0 | 44.6 |
| E. Curb | | | 7.8 | 45.8 |
| +8' | Top Bulkhead | | 6.7 | 46.9 |
| | Bottom | | 10.3 | 43.3 |
| E.L. | | | 10.2 | 43.4 |
| +5.5' | FlowLine 14" Conc. Drain | | 10.61 | 42.98 |
| +7.5' | Top Bulkhead | | 6.8 | 46.8 |
| +13' | | | 6.68 | 46.91 |
| Z+50 | | | | |
| +15' | | | 5.0 | 48.6 |
| +13' | | | 5.1 | 48.5 |
| E.L. | | | 6.0 | 47.6 |
| +5' | | | 8.7 | 44.9 |
| E. Curb | | | 9.5 | 44.1 |
| +8' | | | 9.4 | 44.2 |
| E 1/4 | | | 8.1 | 45.5 |
| +4' | | | 4.9 | 48.7 |
| ¢ | | | 5.2 | 48.4 |
| +8' | | | 5.2 | 48.4 |
| W 1/4 | | | 5.6 | 48.0 |

| STA | + | H.I. | - | Elev. |
|----------------------------|----------------------|------------------|------|-------|
| +4' | | 53.52 | 7.8 | 45.8 |
| W. Curb | | 53.59 | 8.3 | 45.3 |
| W.B. | | | 8.6 | 45.0 |
| +6' | Basement Floor House | | 8.8 | 44.8 |
| Z+80 | | | | |
| W.L. | | | 4.9 | 48.7 |
| W. Curb | | | 5.4 | 48.2 |
| W 1/4 | | | 5.2 | 48.4 |
| ¢ | | | 5.6 | 48.0 |
| +6' | | | 5.5 | 48.1 |
| E 1/4 | | | 7.6 | 46.0 |
| E. Curb | | | 8.7 | 44.9 |
| +4' | | | 8.3 | 45.3 |
| E.L. | | | 5.0 | 48.6 |
| +15' | | | 4.7 | 48.9 |
| Z+99 | | | | |
| E.L. | | | 5.8 | 47.8 |
| E. Curb | | | 5.9 | 47.7 |
| E 1/4 | | | 5.4 | 48.2 |
| ¢ | | | 5.7 | 47.9 |
| W 1/4 | | | 5.4 | 48.2 |
| W. Curb | | | 5.2 | 48.4 |
| W.L. | | | 4.2 | 49.4 |
| T.P. B.P. NW. Woodman 23rd | | | 5.07 | 48.52 |
| Correct. P. 63. 48.62 | | | | 48.61 |

| STA | | H.I. | Elev. |
|------|---|---------|---------|
| | | 53.59 | |
| | | 53.68 | |
| 3+00 | N.W. Ocean View Blvd. - Paved | | |
| | W.L. | 3.8 | 49.8 |
| | +2.5 S.W. | 4.83 | 48.96 |
| | W. Curb Top | 5.07 | 48.52 |
| | ✓ Bot. | 5.83 | 47.76 |
| | W/4 | 5.67 | 47.92 |
| | ¢ | 5.73 | 47.85 |
| | E/4 | 6.07 | 47.52 |
| | E. Curb Bot. | 6.66 | 46.93 |
| | ✓ Top | 6.17 | 47.42 |
| | +7.5 S.W. | 6.10 | 47.49 |
| | E.L. | 5.6 | 48.0 |
| | N.W. B.P. 31 st & Ocean View Blvd. | OK R.63 | 48.6 |
| 0+00 | S.W. Ocean View Blvd. | 1.60 | 50.21 ✓ |
| | W.L. S.W. | 2.76 | 47.45 |
| | W. Curb Top | 3.35 | 46.86 |
| | ✓ Bot. | 3.99 | 46.22 |
| | W/4 | 3.73 | 46.48 |
| | ¢ | 3.78 | 46.43 |
| | E/4 | 4.18 | 46.03 |
| | E. Curb Bot. | 4.86 | 45.35 |
| | ✓ Top | 4.30 | 45.91 |
| | E.W. S.W. | 3.92 | 46.29 |

| STA | | H.I. | Elev. |
|------|---------------------|-------|----------|
| | | 50.21 | |
| 0+50 | | | |
| | +5' | | 4.8 45.4 |
| | E.L. | | 4.7 45.5 |
| | E. Curb | | 4.6 45.6 |
| | +2' Bottom of Ditch | | 6.6 43.6 |
| | +4' | | 4.2 46.0 |
| | E/4 | | 4.6 45.6 |
| | ¢ | | 4.8 45.4 |
| | W/4 | | 4.3 45.9 |
| | +8' | | 4.1 46.1 |
| | W. Curb | | 3.2 47.0 |
| | W.L. | | 2.7 47.5 |
| 1+00 | | | |
| | W.L. | | 4.6 45.6 |
| | +5' | | 6.8 43.4 |
| | W. Curb | | 6.2 44.0 |
| | W/4 | | 6.1 44.1 |
| | ¢ | | 5.8 44.4 |
| | E/4 | | 6.8 43.4 |
| | E. Curb | | 8.8 41.4 |
| | +7' P. | | 9.8 40.4 |
| | +9' | | 7.1 43.1 |
| | E.L. | | 6.7 43.5 |
| | +5' | | 5.7 44.5 |

| STA | + | H.I. | - | Elev. |
|-------------------------|------------|-------|------|-------|
| <u>+49⁸⁰</u> | N.W. Alley | 50.21 | | |
| +15' | | | 10.7 | 39.5 |
| +10' | | | 14.5 | 35.7 |
| E.L. | | | 14.8 | 35.4 |
| +5' | | | 11.0 | 39.2 |
| E. Curb | | | 11.3 | 38.9 |
| +4' | | | 11.1 | 39.1 |
| E 1/4 | | | 7.5 | 42.7 |
| ¢ | | | 7.8 | 42.4 |
| W 1/4 | | | 7.7 | 42.5 |
| W. Curb | | | 7.5 | 42.7 |
| W.L. ? | | | 6.9 | 43.3 |
| +5' | | | 7.1 | 33.1 |

| STA | + | H.I. | - | Elev. |
|-------------------------|------------|------|------|-------|
| <u>+69⁸⁰</u> | S.L. Alley | | | 43.1 |
| +5' | | | 7.0 | 43.2 |
| W.L. | | | 7.3 | 42.9 |
| W. Curb | | | 7.7 | 42.5 |
| W 1/4 | | | 8.1 | 42.1 |
| ¢ | | | 7.9 | 42.3 |
| E 1/4 | | | 11.1 | 39.1 |
| E. Curb | | | 14.9 | 35.3 |
| E.L. | | | 14.8 | 35.4 |
| +12' | | | 17.2 | 33.0 |
| +18' | | | 17.5 | 32.7 |

| STA | + | H.I. | - | Elev. |
|---------|---|------|------|-------|
| 2+00 | | | | |
| +15' | | | 19.1 | 31.1 |
| E.L. | | | 17.1 | 33.1 |
| +6' | | | 16.4 | 33.8 |
| E. Curb | | | 14.0 | 36.2 |
| E 1/4 | | | 8.4 | 41.8 |
| +2' | | | 7.6 | 42.6 |
| +6' | | | 8.6 | 41.6 |
| ¢ | | | 8.7 | 41.5 |
| W 1/4 | | | 8.5 | 42.7 |
| W. Curb | | | 7.9 | 42.3 |
| W.L. | | | 7.5 | 42.7 |
| +5' | | | 7.0 | 43.2 |
| 2+50 | | | | |
| +5' | | | 6.4 | 43.8 |
| W.L. | | | 6.7 | 43.5 |
| W. Curb | | | 7.7 | 42.5 |
| +5' | | | 8.0 | 42.2 |
| W 1/4 | | | 9.4 | 40.8 |
| ¢ | | | 9.8 | 40.4 |
| E 1/4 | | | 9.7 | 40.5 |
| +8' | | | 9.5 | 40.7 |
| E. Curb | | | 10.4 | 39.8 |
| E.L. | | | 13.4 | 36.8 |
| +15' | | | 17.8 | 32.4 |

| STA | + | H.I. | - | Elev. |
|---------|---|-------|------|-------|
| 3+00 | | 50.21 | | |
| +15' | | | 11.2 | 39.0 |
| E.L. | | | 11.1 | 39.1 |
| E. Curb | | | 10.9 | 39.3 |
| E/4 | | | 10.8 | 39.4 |
| ¢ | | | 10.3 | 39.9 |
| +6' | | | 9.8 | 40.4 |
| W/4 | | | 8.8 | 41.4 |
| W. Curb | | | 6.9 | 43.3 |
| W.L. | | | 5.5 | 44.7 |
| +5' | | | 4.9 | 45.3 |
| T.P. | | | 9.35 | 40.86 |

| STA | + | H.I. | - | Elev. |
|--------------------|---|-------|-----|-------|
| 3+09 ⁶⁰ | 4.65 | 45.51 | | |
| | N.L. Valle Pared West of 31st | | | |
| | <small>80' Str. but improved to 60' to SW. 10' Quarters</small> | | | |
| W.L. | | | 4.7 | 40.8 |
| W. Curb | | | 4.9 | 40.6 |
| W/4 | | | 5.2 | 40.3 |
| ¢ | | | 5.8 | 39.7 |
| E/4 | | | 6.1 | 39.4 |
| E. Curb | | | 6.3 | 39.2 |
| E.L. | | | 6.5 | 39.0 |
| +10' | N. Curb Valle | | | |
| E.L. | | | 6.5 | 39.0 |
| E. Curb | | | 6.5 | 39.0 |
| E/4 | | | 6.2 | 39.3 |

| STA | + | H.I. | - | Elev. |
|---------------|-----------|-------|------|------------------|
| | | 45.51 | | 32 |
| ¢ | | | 6.0 | 39.5 |
| W/4 | | | 6.0 | 39.5 |
| W. Curb | | | 5.8 | 39.7 |
| W.L. Curb Top | | | 5.32 | 39.68 |
| ✓ Bott. | | | 6.06 | 39.45 |
| +20' | N/4 Valle | | | |
| W.L. Conc. | | | 6.28 | 39.23 |
| W. Curb | | | 6.4 | 39.1 |
| W/4 | | | 6.5 | 39.0 |
| ¢ | | | 6.7 | 38.8 |
| E/4 | | | 6.8 | 38.7 |
| E. Curb | | | 7.5 | 38.0 |
| E.L. | | | 8.0 | 37.5 |
| +30' | ¢ Valle | | | |
| E.L. | | | 8.0 | 37.5 |
| E. Curb | | | 7.7 | 37.8 |
| E/4 | | | 7.1 | 38.4 |
| ¢ | | | 6.7 | 38.8 |
| W/4 | | | 6.8 | 38.7 |
| W. Curb | | | 6.8 | 38.7 |
| W.L. Conc. | | | 6.48 | 39.03 |
| +40' | S/4 Valle | | | |
| W.L. Conc. | | | 6.92 | 38.59 |
| W. Curb | | | 7.4 | 38.1 |
| W/4 | | | 7.4 | 38.1 |

| STA | | H.I. | - | Elev. |
|----------------|--------------------|-------|------|-------|
| ¢ | | 45.51 | 7.4 | 38.1 |
| E/4 | | | 7.4 | 38.1 |
| E. Curb | | | 7.6 | 37.9 |
| E. L. | | | 8.0 | 37.5 |
| | S/4 + 9' | | | |
| E. L. | | | 8.1 | 37.4 |
| E. Curb | | | 8.1 | 37.4 |
| E/4 | | | 8.0 | 37.5 |
| ¢ | | | 8.0 | 37.5 |
| W/4 | | | 7.7 | 37.8 |
| W. Curb | | | 7.7 | 37.8 |
| W. L. Conc. | | | 7.50 | 38.0 |
| | +50' S. Curb Valle | | | |
| W. L. Curb Top | | | 6.85 | 38.66 |
| | ✓ Booth. | | 7.51 | 38.0 |
| W. Curb | | | 6.1 | 39.4 |
| W/4 | | | 6.6 | 38.9 |
| +5' | | | 8.0 | 37.5 |
| ¢ | | | 8.0 | 37.5 |
| E/4 | | | 8.2 | 37.3 |
| E. Curb | | | 8.1 | 37.4 |
| E. L. | | | 8.3 | 37.2 |
| 0+00 | +60' S. L. Valle | | | |
| E. L. | | | 8.2 | 37.3 |
| E. Curb | | | 8.3 | 37.2 |

| STA | | H.I. | - | Elev. |
|----------------|--|-------|------|-------|
| | | 43.51 | | |
| E/4 | | | 8.0 | 37.5 |
| ¢ | | | 7.2 | 38.3 |
| W/4 | | | 5.8 | 39.7 |
| W. Curb | | | 5.5 | 40.0 |
| W. L. Top Bank | | | 4.6 | 40.9 |
| ✓ Side Walk | | | 6.49 | 39.06 |
| 0+50 | | | | |
| W. L. | | | 1.3 | 44.2 |
| W. Curb | | | 2.8 | 42.7 |
| W/4 | | | 3.8 | 41.7 |
| +2' | | | 3.9 | 41.6 |
| ¢ | | | 7.8 | 37.7 |
| +2' | | | 8.7 | 36.8 |
| E/4 | | | 9.0 | 36.5 |
| E. Curb | | | 9.4 | 36.1 |
| E. L. | | | 9.3 | 36.2 |
| +10' | | | 9.5 | 36.0 |
| 1+00 | | | | |
| +10' | | | 11.9 | 33.6 |
| E. L. | | | 10.5 | 35.0 |
| E. Curb | | | 10.1 | 35.4 |
| E/4 | | | 10.2 | 35.3 |
| +5' | | | 9.8 | 35.7 |
| ¢ | | | 8.8 | 36.7 |
| W/4 | | | 8.4 | 37.1 |

45.51

| STA | + | H.I. | - | Elev. |
|--------------------|------|------------|-------|-------|
| W. Curb | | | 7.5 | 38.0 |
| W. L. | | | 7.1 | 38.4 |
| 1+15 | | | | |
| W. L. | | | 8.8 | 36.7 |
| W. Curb | | | 9.4 | 36.1 |
| W/4 | | | 9.9 | 35.6 |
| ☐ | | | 10.1 | 35.4 |
| E/4 | | | 11.1 | 34.4 |
| +6' | | | 11.3 | 34.2 |
| E. Curb | | | 10.6 | 34.9 |
| E. L. | | | 10.9 | 34.6 |
| +10' | | | 12.3 | 33.2 |
| T.P. | | | 11.25 | 34.26 |
| | 2.67 | 36.93 | | |
| 1+49 ⁹⁶ | | N.L. Alley | | |
| +7' | | | 2.4 | 34.5 |
| +5' | | | 2.5 | 34.4 |
| E. L. | | | 4.1 | 32.8 |
| +5' | | | 7.1 | 29.8 |
| E. Curb | | | 7.6 | 29.3 |
| +5' | | | 7.0 | 29.9 |
| E/4 | | | 7.7 | 29.2 |
| +3' | | | 6.4 | 30.5 |
| ☐ | | | 6.0 | 30.9 |
| W/4 | | | 4.3 | 32.6 |

34

| STA | + | H.I. | - | Elev. |
|--------------------|---|------------|-----|-------|
| W. Curb | | 36.93 | 1.8 | 35.1 |
| W. L. | | | 1.4 | 35.5 |
| +10 | | | 4.3 | 32.6 |
| 1+58 | | | | |
| +10' | | | 5.5 | 31.4 |
| W. L. | | | 6.2 | 30.7 |
| W. Curb | | | 6.1 | 30.8 |
| W/4 | | | 6.2 | 30.7 |
| ☐ | | | 6.6 | 30.3 |
| E/4 | | | 7.7 | 29.2 |
| +5' | | | 8.0 | 28.9 |
| E. Curb | | | 8.2 | 28.7 |
| +6' | | | 7.6 | 29.3 |
| E. L. | | | 5.0 | 31.9 |
| +5' | | | 2.6 | 34.3 |
| +10' | | | 2.5 | 34.4 |
| 1+69 ⁹⁶ | | S.L. Alley | | |
| +10' | | | 3.0 | 33.9 |
| E. L. | | | 8.0 | 28.9 |
| E. Curb | | | 9.0 | 27.9 |
| E/4 | | | 8.9 | 28.0 |
| ☐ | | | 8.4 | 28.5 |
| W/4 | | | 8.0 | 28.9 |
| W. Curb | | | 7.4 | 29.5 |
| W. L. | | | 6.2 | 30.7 |

| STA | + | H.L. | - | Elev. |
|---------|---|------|------|-------|
| | | 5693 | | |
| +10' | | | 5.7 | 31.2 |
| 2+00 | | | | |
| +10' | | | 6.3 | 30.6 |
| W.L. | | | 6.5 | 30.4 |
| W. Curb | | | 9.2 | 27.7 |
| W/a | | | 9.4 | 27.5 |
| ☐ | | | 9.5 | 27.4 |
| E/a | | | 9.4 | 27.5 |
| E. Curb | | | 9.7 | 27.2 |
| E.L. | | | 9.9 | 27.0 |
| +10' | | | 10.0 | 26.9 |

| STA | + | H.L. | - | Elev. |
|---------|---|------|-----|-------|
| 2+35 | | | | |
| +10' | | | 8.4 | 28.5 |
| E.L. | | | 8.4 | 28.5 |
| E. Curb | | | 8.1 | 28.8 |
| E/a | | | 7.2 | 29.7 |
| ☐ | | | 7.4 | 29.5 |
| W/a | | | 7.1 | 29.9 |
| +5' | | | 6.4 | 30.5 |
| W. Curb | | | 5.6 | 31.3 |
| W.L. | | | 5.3 | 31.6 |
| +10' | | | 5.3 | 31.6 |

| STA | + | H.L. | - | Elev. |
|------|---|------|-----|-------|
| 2+50 | | | | |
| +10' | | | 4.5 | 32.4 |
| W.L. | | | 4.8 | 32.1 |

| STA | + | H.L. | - | Elev. |
|---------|------|-------|------|-------|
| | | | | 35 |
| W. Curb | | | 4.9 | 32.0 |
| W/a | | | 4.7 | 32.2 |
| ☐ | | | 4.5 | 32.4 |
| E/a | | | 3.5 | 33.4 |
| +2' | | | 2.5 | 34.4 |
| E. Curb | | | 1.9 | 35.0 |
| E.L. | | | 2.7 | 34.2 |
| +5' | | | 5.0 | 31.9 |
| +10' | | | 5.7 | 31.2 |
| T.P. | | | 0.00 | 36.93 |
| | 9.71 | 46.64 | | |

| STA | + | H.L. | - | Elev. |
|---------|---|------|------|-------|
| 2+75 | | | | |
| +10' | | | 7.7 | 38.9 |
| +2' | | | 4.7 | 41.9 |
| E.L. | | | 4.7 | 41.9 |
| E. Curb | | | 4.5 | 42.1 |
| E/a | | | 7.4 | 39.2 |
| ☐ | | | 9.7 | 36.9 |
| W/a | | | 10.1 | 36.5 |
| W. Curb | | | 9.7 | 36.9 |
| W.L. | | | 9.7 | 36.9 |
| +10' | | | 9.3 | 37.3 |

| STA | + | H.L. | - | Elev. |
|------|---|------|-----|-------|
| 3+00 | | | | |
| +10' | | | 4.3 | 42.3 |
| W.L. | | | 4.7 | 41.9 |

| STA | + | H.I. | - | Elev. |
|-----------|--------------|---|------|-------|
| | | 46.64 | | |
| W. Curb | | | 6.2 | 40.4 |
| W/4 | | | 5.8 | 40.8 |
| +6' | | | 5.2 | 41.4 |
| ⊕ | | | 4.3 | 42.3 |
| +8' | | | 2.6 | 44.0 |
| E/4 | | | 2.4 | 44.2 |
| E. Curb | | | 2.6 | 44.0 |
| E.L. | | | 3.9 | 42.7 |
| +10' | | | 5.5 | 41.1 |
| 3+19 1/3 | N. L. Martin | 80' Street, Improved Co 10' SW. 10' Squares. | | |
| E.L. | | | 4.8 | 41.8 |
| E. Curb | | | 4.4 | 42.2 |
| E/4 | | | 4.0 | 42.6 |
| ⊕ | | | 3.9 | 42.7 |
| W/4 | | | 4.1 | 42.5 |
| W. Curb | | | 4.0 | 42.6 |
| W.L. | | | 3.9 | 42.7 |
| +10' | | | 3.3 | 43.3 |
| +10' | N. Curb | Martin | | |
| +10' Curb | Top | | 3.99 | 42.65 |
| W.L. ✓ | Top | | 4.43 | 42.21 |
| ✓ | Bot. | | 5.1 | 41.5 |
| W. Curb | | | 4.0 | 42.6 |
| W/4 | | | 4.3 | 42.2 |
| ⊕ | | | 4.5 | 42.1 |

| STA | + | H.I. | - | Elev. |
|---------|---------|------------|-----|-------|
| E/4 | | | 4.4 | 42.2 |
| E. Curb | | | 5.0 | 41.6 |
| +7' | | | 5.2 | 41.4 |
| E.L. | | | 7.1 | 39.5 |
| | N. Curb | Martin +5' | | |
| E.L. | | | 5.0 | 41.6 |
| +5' | | | 7.4 | 39.1 |
| E. Curb | | | 7.2 | 39.4 |
| +6' | | | 7.0 | 39.6 |
| +7' | | | 5.1 | 41.5 |
| E/4 | | | 4.7 | 41.9 |
| +1' | | | 4.8 | 41.8 |
| +2' | | | 6.9 | 39.7 |
| ⊕ | | | 6.4 | 40.2 |
| W/4 | | | 5.7 | 40.9 |
| W. Curb | | | 4.4 | 42.2 |
| +7' | | | 4.6 | 42.0 |
| +8' | | | 5.8 | 40.8 |
| W.L. | | | 5.7 | 40.9 |
| +10' | | | 4.8 | 41.8 |
| | +20' | N/4 Martin | | |
| +10' | | | 5.3 | 41.3 |
| +6' | | | 4.2 | 42.4 |
| W.L. | | | 4.2 | 42.4 |
| W. Curb | | | 3.8 | 42.8 |

| STA | | H.I. | - | Elev. |
|--------|---------------|-------|-----|----------------------|
| W/a | | 46.64 | 3.4 | 43.2 |
| ☐ | | | 3.8 | 42.8 |
| +4' | | | 3.8 | 42.8 |
| +5' | | | 5.3 | 41.3 |
| E/a | | | 6.5 | 41.1 40.1 |
| +3' | | | 6.7 | 39.9 |
| +4' | | | 4.1 | 42.5 |
| E.Curb | | | 4.0 | 42.6 |
| E.L. | | | 3.8 | 42.8 |
| | N 1/4 Martin | | +4' | |
| E.L. | | | 3.7 | 42.9 |
| E.Curb | | | 3.7 | 42.9 |
| E/a | | | 3.3 | 43.3 |
| ☐ | | | 2.8 | 43.8 |
| W/a | | | 3.0 | 43.6 |
| W.Curb | | | 3.0 | 43.6 |
| +2' | | | 3.6 | 43.0 |
| W.L. | | | 4.1 | 42.5 |
| +10' | | | 4.1 | 42.5 |
| | +30' ☐ Martin | | | |
| +10 | | | 3.8 | 42.8 |
| W.L. | | | 4.0 | 42.6 |
| W.Curb | | | 3.7 | 42.9 |
| W/a | | | 3.8 | 42.8 |
| ☐ | | | 4.2 | 42.4 |

| STA | | H.I. | - | Elev. |
|---------------|-----------------------|------|------|-------|
| E/a | | | 4.1 | 42.5 |
| E.Curb | | | 4.3 | 42.3 |
| E.L. | | | 4.6 | 42.0 |
| | +40' S 1/4 Martin | | | |
| E.L. | | | 5.1 | 41.5 |
| E.Curb | | | 4.9 | 41.7 |
| E/a | | | 4.7 | 41.9 |
| ☐ | | | 4.4 | 42.2 |
| W/a | | | 4.0 | 42.6 |
| W.Curb | | | 3.6 | 43.0 |
| W.L. | | | 3.7 | 42.9 |
| +10' | | | 3.5 | 43.1 |
| | +50' S.Curb Martin | | | |
| +10' Curb Top | | | 3.39 | 43.25 |
| W.L. ✓ | | | 3.96 | 42.68 |
| Ground | | | 3.50 | 43.14 |
| W.Curb | | | 3.2 | 43.4 |
| W/a | | | 3.3 | 43.3 |
| ☐ | | | 4.1 | 42.5 |
| E/a | | | 4.6 | 42.0 |
| E.Curb | | | 5.0 | 41.6 |
| E.L. | | | 5.4 | 41.2 |
| | 0+00 +60' S.L. Martin | | | |
| E.L. | | | 4.4 | 42.2 |
| E.Curb | | | 4.3 | 42.3 |

| STA | + | H.I. | - | Elev. |
|---------|---|-------|-----|-------|
| | | 46.64 | | |
| E/a | | | 3.8 | 42.8 |
| ☐ | | | 3.2 | 43.4 |
| W/a | | | 2.7 | 43.9 |
| W. Curb | | | 2.6 | 44.0 |
| W.L. | | | 2.6 | 44.0 |
| +10' | | | 3.0 | 43.6 |
| 0+01 | | | | |
| +10' | | | 0.1 | 46.5 |
| W.L. | | | 1.2 | 45.4 |
| W. Curb | | | 2.3 | 44.3 |
| W/a | | | 2.9 | 43.7 |
| ☐ | | | 3.3 | 43.3 |
| E/a | | | 3.9 | 42.7 |
| E. Curb | | | 4.3 | 42.3 |
| E.L. | | | 4.5 | 42.1 |
| 0+50 | | | | |
| +10' | | | 6.7 | 39.9 |
| E.L. | | | 7.0 | 39.6 |
| E. Curb | | | 6.0 | 40.6 |
| E/a | | | 5.8 | 40.8 |
| ☐ | | | 5.8 | 40.8 |
| W/a | | | 5.7 | 40.9 |
| W. Curb | | | 5.5 | 41.1 |
| W.L. | | | 5.3 | 41.3 |
| +5' | | | 4.7 | 41.9 |

| STA | + | H.I. | - | Elev. |
|---------|---|------|---|-----------|
| 0+60 | | | | |
| +5' | | | | 5.5 41.1 |
| W.L. | | | | 5.7 40.9 |
| W. Curb | | | | 5.8 40.8 |
| W/a | | | | 6.1 40.5 |
| ☐ | | | | 5.8 40.8 |
| E/a | | | | 6.2 40.4 |
| E. Curb | | | | 7.2 39.4 |
| E.L. | | | | 7.4 39.2 |
| +10' | | | | 9.0 37.6 |
| 1+00 | | | | |
| +10' | | | | 11.3 35.3 |
| E.L. | | | | 10.1 36.5 |
| +5' | | | | 10.4 36.2 |
| E. Curb | | | | 9.9 36.7 |
| +5' | | | | 8.0 38.6 |
| E/a | | | | 7.7 38.9 |
| ☐ | | | | 7.8 38.8 |
| W/a | | | | 7.5 39.1 |
| W. Curb | | | | 7.0 39.6 |
| W.L. | | | | 5.8 40.8 |
| +5' | | | | 4.6 42.0 |
| 1+49.85 | | | | |
| +5' | | | | 2.0 44.0 |
| W.L. | | | | 2.9 43.7 |

38
Elev.

N.L. Alley

| STA | + | H.L. | - | Elev. |
|--------------------|------|------------|------|-------|
| W. Curb | | 48.64 | 4.9 | 41.7 |
| W 1/4 | | | 6.6 | 40.0 |
| ☐ | | | 6.9 | 39.7 |
| E 1/4 | | | 7.2 | 39.4 |
| E. Curb | | | 8.2 | 38.4 |
| E.L. | | | 8.3 | 38.3 |
| +10' | | | 8.2 | 38.4 |
| T.P. | | | 4.38 | 42.26 |
| | 5.71 | 47.97 ✓ | | |
| 1+69 ⁸⁵ | | S.L. Alley | | |
| +10' | | | 7.5 | 40.5 |
| E.L. | | | 7.5 | 40.5 |
| E. Curb | | | 8.5 | 39.5 |
| E 1/4 | | | 8.2 | 39.8 |
| ☐ | | | 7.5 | 40.5 |
| W 1/4 | | | 7.4 | 40.6 |
| W. Curb | | | 6.5 | 41.5 |
| W.L. | | | 4.8 | 43.2 |
| +10' | | | 3.2 | 44.8 |
| 2+00 | | | | |
| W.L. | | | 4.7 | 43.3 |
| W. Curb | | | 5.9 | 42.1 |
| W 1/4 | | | 6.7 | 41.3 |
| ☐ | | | 6.9 | 41.1 |
| E 1/4 | | | 6.6 | 41.4 |

Using corrected elev page 40
 This 42.26 = 42.32
 on page 57 - 42.26 = 42.18

| STA | + | H.L. | - | Elev. |
|--------------------|---|-------|-----|-------|
| +5' | | 47.97 | 5.9 | 42.1 |
| E. Curb | | | 5.7 | 42.3 |
| E.L. | | | 6.0 | 42.0 |
| 2+50 | | | | |
| E.L. | | | 5.9 | 42.1 |
| E. Curb | | | 4.9 | 43.1 |
| E 1/4 | | | 4.6 | 43.4 |
| ☐ | | | 4.9 | 43.1 |
| W 1/4 | | | 4.4 | 43.6 |
| W. Curb | | | 4.1 | 43.9 |
| W.L. | | | 3.7 | 44.3 |
| 3+00 | | | | |
| W.L. | | | 2.1 | 45.9 |
| W. Curb | | | 3.6 | 44.4 |
| W 1/4 | | | 4.6 | 43.4 |
| ☐ | | | 5.4 | 42.6 |
| E 1/4 | | | 5.5 | 42.5 |
| E. Curb | | | 6.8 | 41.2 |
| E.L. | | | 7.2 | 40.8 |
| 3+19 ⁷⁰ | | | | |
| E.L. | | | 7.0 | 41.0 |
| +6' | | | 6.8 | 41.2 |
| +7' | | | 6.2 | 41.8 |
| E. Curb | | | 5.8 | 42.2 |
| E 1/4 | | | 4.9 | 43.1 |

N
 S L. Greedy 80' Street, Improved to 60'
 10' SW, 10' Quarters

| STA | + | H.I. | - | Elev. |
|-----------|---------|--------|------|-------|
| | | 47.97 | | |
| ¢ | | | 4.0 | 44.0 |
| W/c | | | 3.6 | 44.4 |
| W. Curb | | | 2.9 | 45.1 |
| W.L. S.W. | | | 1.69 | 46.28 |
| +10' | N. Curb | Greedy | | |
| W.L. Curb | Top | | 1.87 | 46.10 |
| ✓ | Bottom | | 2.2 | 45.8 |
| W. Curb | | | 2.8 | 45.2 |
| W/c | | | 3.2 | 44.8 |
| ¢ | | | 3.8 | 44.2 |
| E/c | | | 4.5 | 43.5 |
| E. Curb | | | 5.1 | 42.9 |
| E.L. | | | 5.9 | 42.1 |
| +20' | N/c | Greedy | | |
| E.L. | | | 5.6 | 42.4 |
| E. Curb | | | 5.2 | 42.8 |
| E/c | | | 4.3 | 43.7 |
| ¢ | | | 3.8 | 44.2 |
| W/c | | | 3.2 | 44.8 |
| W. Curb | | | 2.7 | 45.3 |
| W.L. | | | 2.2 | 45.8 |
| +30' | ¢ | Greedy | | |
| W.L. | | | 1.8 | 46.2 |
| W. Curb | | | 2.4 | 45.6 |
| W/c | | | 3.0 | 45.0 |

Correction page
40 makes
46.1 = 46.17
Page 45 → 45.95

| STA | + | H.I. | - | Elev. |
|-----------|---------|-------------|-------|-------|
| | | 47.97 | | |
| | | | | 40 |
| ¢ | | | 3.7 | 44.3 |
| E/c | | | 4.3 | 43.7 |
| E. Curb | | | 4.9 | 43.1 |
| E.L. | | | 5.6 | 42.4 |
| +40' | S/c | Greedy | | |
| E.L. | | | 5.5 | 42.5 |
| E. Curb | | | 4.5 | 43.5 |
| E/c | | | 4.2 | 43.8 |
| ¢ | | | 3.7 | 44.3 |
| W/c | | | 3.0 | 45.0 |
| W. Curb | | | 2.4 | 45.6 |
| W.L. | | | 1.8 | 46.2 |
| +50' | S. Curb | Greedy | | |
| W.L. Curb | Top | | 0.91 | 47.13 |
| ✓ | Bottom | | 0.91 | 47.06 |
| W. Curb | | | 1.7 | 46.3 |
| W/c | | | 1.9 | 46.1 |
| ¢ | | | 2.5 | 45.5 |
| E/c | | | 3.2 | 44.8 |
| E. Curb | | | 4.3 | 43.7 |
| E.L. | | | 5.0 | 43.0 |
| T.P. | | | 5.7 | 42.3 |
| | | | 0.87 | 47.10 |
| | | 49.58 | 56.68 | |
| 0+00 | +60' | S.L. Greedy | | |
| E.L. | | | 14.6 | 42.1 |

H.I. does not
check out
0.07
Low here
0.07 High on page 43

Page 45-4701

Page 63

| STA | + | H.I. | - | Elev. |
|-------------|------|---------|------|-------|
| E. Curb | | 56.68 | 13.8 | 42.9 |
| E 1/4 | | | 12.8 | 43.9 |
| φ | | | 11.6 | 45.1 |
| W 1/4 | | | 10.4 | 46.3 |
| W. Curb | | | 9.5 | 47.2 |
| W. L. | | | 9.1 | 47.6 |
| 0+50 T.P. | | | 1.71 | 54.97 |
| | 5.76 | 60.73 ✓ | | |
| +10 | | | 3.2 | 57.5 |
| W. L. | | | 5.7 | 55.0 |
| W. Curb | | | 6.8 | 53.9 |
| +7 | | | 8.7 | 52.0 |
| W 1/4 | | | 9.3 | 51.4 |
| φ | | | 10.1 | 50.6 |
| +5 | | | 11.2 | 49.5 |
| E 1/4 | | | 12.1 | 48.6 |
| E. Curb | | | 12.7 | 48.0 |
| E. L. House | | | 13.2 | 47.5 |
| 0+82 | | | | |
| +10 | | | 9.7 | 51.0 |
| E. L. | | | 9.3 | 51.4 |
| E. Curb | | | 9.0 | 51.7 |
| E 1/4 | | | 8.2 | 52.5 |
| +6 | | | 5.9 | 54.8 |
| +7 | | | 5.5 | 55.2 |

| STA | + | H.I. | - | Elev. |
|---------|------|---------|------|-------|
| | | 6073 | | |
| W 1/4 | | | 4.7 | 56.0 |
| W. Curb | | | 4.0 | 56.7 |
| W. L. | | | 2.6 | 58.1 |
| +10 | | | 1.5 | 59.2 |
| T.P. | | | 2.22 | 58.51 |
| | 9.08 | 67.59 ✓ | | |
| 1+00 | | | | |
| +10 | | | 7.2 | 60.4 |
| W. L. | | | 8.3 | 59.3 |
| W. Curb | | | 9.7 | 57.9 |
| W 1/4 | | | 10.0 | 57.6 |
| φ | | | 10.6 | 57.0 |
| +4 | | | 11.5 | 56.1 |
| E 1/4 | | | 12.6 | 55.0 |
| E. Curb | | | 12.9 | 54.7 |
| E. L. | | | 13.4 | 54.2 |
| +10 | | | 14.0 | 53.6 |
| 1+40 | | | | |
| +10 | | | 12.0 | 55.6 |
| E. L. | | | 11.8 | 55.8 |
| E. Curb | | | 11.2 | 56.4 |
| E 1/4 | | | 10.1 | 57.5 |
| φ | | | 8.6 | 59.0 |
| W 1/4 | | | 8.1 | 59.5 |
| W. Curb | | | 7.2 | 60.4 |

| STA | + | H.I. | - | Elev. |
|--------------------|------|-------|------|-------|
| | | 67.59 | 5.9 | 61.7 |
| W.L. | | | 4.9 | 62.7 |
| +10 | | | | |
| 1+50 ⁷⁰ | N.L. | Alley | | |
| +10 | | | 4.6 | 63.0 |
| W.L. | | | 5.2 | 62.4 |
| W. Curb | | | 5.9 | 61.7 |
| +4 | | | 7.1 | 60.5 |
| W/4 | | | 7.1 | 60.5 |
| ☐ | | | 7.1 | 60.5 |
| E/4 | | | 8.4 | 59.2 |
| E. Curb | | | 10.3 | 57.3 |
| E.L. | | | 11.0 | 56.6 |
| +10 | | | 11.8 | 55.8 |
| 1+70 ⁷⁰ | S.L. | Alley | | |
| +10 | | | 9.7 | 57.9 |
| E.L. | | | 9.0 | 58.6 |
| E. Curb | | | 8.4 | 59.2 |
| E/4 | | | 7.3 | 60.3 |
| ☐ | | | 6.6 | 61.0 |
| W/4 | | | 5.5 | 62.1 |
| W. Curb | | | 4.3 | 63.3 |
| W.L. | | | 3.7 | 63.9 |
| +10 | | | 2.5 | 65.1 |

| STA | + | H.I. | - | Elev. |
|---------|---|-------|---------|-------|
| | | 67.59 | | |
| 2+00 | | | | |
| +10 | | | 0.4 | 67.2 |
| W.L. | | | 1.1 | 66.5 |
| W. Curb | | | 2.6 | 65.0 |
| W/4 | | | 3.6 | 64.0 |
| ☐ | | | 3.8 | 63.8 |
| E/4 | | | 4.2 | 63.4 |
| E. Curb | | | 4.7 | 62.9 |
| +5 | | | 5.9 | 61.7 |
| E.L. | | | 5.7 | 61.9 |
| +5 | | | 5.8 | 61.8 |
| T.P. | | | 0.38 | 67.21 |
| | | 9.87 | 77.08 ✓ | |
| 2+50 | | | | |
| +5 | | | 11.9 | 66.2 |
| E.L. | | | 10.0 | 67.1 |
| +2 | | | 9.2 | 67.9 |
| E. Curb | | | 9.8 | 67.3 |
| E/4 | | | 9.3 | 67.8 |
| ☐ | | | 8.5 | 68.6 |
| +5 | | | 8.6 | 68.5 |
| W/4 | | | 9.3 | 67.8 |
| +6 | | | 8.8 | 68.3 |
| W. Curb | | | 8.5 | 68.6 |
| +5 | | | 8.6 | 68.5 |

| STA | H.I. | Elev. |
|------------------------|------|-------|
| W.L. | 7.5 | 69.6 |
| +10 | 6.1 | 71.0 |
| 3+00 | | |
| +10 | 3.3 | 73.8 |
| W.L. | 3.6 | 73.0 |
| W. Curb | 4.4 | 72.9 |
| W/4 | 4.0 | 73.1 |
| ☐ | 4.0 | 73.1 |
| E/4 | 4.4 | 72.7 |
| E. Curb | 4.4 | 72.7 |
| +3 | 5.6 | 71.5 |
| E.L. | 7.4 | 69.7 |
| +5 | 8.4 | 68.7 |
| 3+11 ⁴⁰ | | |
| N. L. Logan - Paved | | |
| E.L. S.W. | 3.94 | 74.14 |
| E. Curb Top | 4.04 | 73.04 |
| ✓ Bottom | 4.75 | 72.33 |
| E/4 | 4.31 | 73.77 |
| ☐ | 4.03 | 73.05 |
| W/4 | 4.04 | 73.06 |
| W. Curb Bottom | 4.05 | 73.03 |
| ✓ Top | 3.16 | 73.92 |
| W.L. S.W. | 2.89 | 74.19 |
| T.P. | 3.09 | 73.99 |
| NW. B.P. 31st & Logan. | | 73.95 |

0.07' Low on page 40
0.04' High

X-Section Greeley, from E.L. 30th
To E.L. 32nd
80' Street, 20' SW., 10' Quarters

| STA | H.I. | Elev. |
|-------------------------------|------|-------|
| NW. B.P. 30th & Logan | | 70.89 |
| 0+00 | | |
| E.L. 30th | 7.12 | 78.02 |
| +10' SW. No Sidewalk on S.L. | 3.87 | 74.25 |
| S. Curb Top | 4.10 | 73.92 |
| ✓ Bottom | 4.70 | 73.32 |
| S/4 | 4.33 | 73.69 |
| ☐ | 4.18 | 73.84 |
| N/4 | 4.29 | 73.73 |
| N. Curb Bottom | 4.69 | 73.33 |
| ✓ Top | 4.05 | 73.97 |
| 0+50 | | |
| N. Curb Top | 5.12 | 72.90 |
| ✓ Bottom | 5.9 | 72.1 |
| N/4 | 5.4 | 72.6 |
| ☐ | 5.2 | 72.8 |
| S/4 | 5.3 | 72.7 |
| S. Curb Bottom | 5.8 | 72.2 |
| ✓ Top | 4.83 | 73.19 |
| +10' No Sidewalk on S.L. | 4.75 | 73.27 |
| T.P. | 6.28 | 71.74 |
| | 2.90 | 74.64 |
| 1+25 | | |
| Beginning of Sidewalk on S.L. | | |
| +10' | | |
| S. Curb Top | 2.36 | 72.28 |
| | 2.58 | 72.06 |

Plotted 3/1/69

43
A-4-11 PL
Vardage Bk 13
Pg 99

| STA | + | H.H. | - | Elev. |
|------------------|----------------------------------|-------|------|-------|
| | | 74.64 | | |
| S. Curb Bot. | | | 3.4 | 71.2 |
| S/4 | | | 3.2 | 71.4 |
| ☉ | | | 3.1 | 71.5 |
| N/4 | | | 3.4 | 71.2 |
| N. Curb Bot. | | | 4.0 | 70.6 |
| ✓ Top | | | 3.24 | 71.40 |
| 1+75 | End of Existing Sidewalk on N.W. | | | |
| +10 | | | 3.92 | 70.72 |
| N. Curb Top | | | 4.22 | 70.42 |
| ✓ Bot. | | | 4.9 | 69.7 |
| N/4 | | | 4.5 | 70.1 |
| ☉ | | | 4.0 | 70.6 |
| S/4 | | | 4.0 | 70.6 |
| S. Curb Bot. | | | 4.1 | 70.5 |
| ✓ Top | | | 3.32 | 71.32 |
| 2+50 | | | | |
| S. Curb Top | | | 6.22 | 68.42 |
| ✓ Bot. | | | 6.7 | 67.9 |
| S/4 | | | 6.8 | 67.8 |
| ☉ | | | 6.9 | 67.7 |
| N/4 | | | 7.5 | 67.1 |
| N. Curb Bot. | | | 7.9 | 66.7 |
| ✓ Top | | | 7.24 | 67.40 |
| +10' No Sidewalk | | | 6.9 | 67.7 |

| STA | + | H.H. | - | Elev. |
|--------------|-------------------------------|-------|-------|-------|
| 3+00 | Beginning of Sidewalk on N.W. | | | |
| | | 74.64 | | |
| +10' | | | 9.46 | 65.18 |
| N. Curb Top | | | 9.67 | 64.97 |
| ✓ Bot. | | | 10.4 | 64.2 |
| N/4 | | | 9.8 | 64.8 |
| ☉ | | | 9.3 | 65.3 |
| S/4 | | | 9.5 | 65.1 |
| S. Curb Bot. | | | 9.7 | 64.9 |
| ✓ Top | | | 8.73 | 65.91 |
| 3+50 | | | | |
| S. Curb Top | | | 11.20 | 63.44 |
| ✓ Bot. | | | 12.0 | 62.6 |
| S/4 | | | 11.9 | 62.7 |
| ☉ | | | 11.9 | 62.7 |
| N/4 | | | 12.3 | 62.3 |
| N. Curb Bot. | | | 12.8 | 61.8 |
| ✓ Top | | | 12.22 | 62.42 |
| T.P. | | | 12.58 | 62.06 |
| | 0.94 | 63.00 | | |
| 4+00 | | | | |
| N. Curb Top | | | 3.18 | 59.82 |
| ✓ Bot. | | | 3.2 | 59.8 |
| N/4 | | | 3.5 | 59.5 |
| ☉ | | | 3.1 | 59.9 |
| S/4 | | | 3.1 | 59.9 |

| STA | + | H.I. | - | Elev. |
|-----------------|------|---------|-------|-------|
| | | 51.41 | | |
| +5' | | | 10.2 | 41.2 |
| +10' | | | 10.5 | 40.9 |
| N.L. | | | 10.7 | 40.7 |
| 0+50 | | | | |
| N.L. | | | 14.0 | 37.4 |
| +10' | | | 13.7 | 37.7 |
| N.Curb | | | 13.2 | 38.2 |
| N $\frac{1}{4}$ | | | 12.6 | 38.8 |
| ¢ | | | 12.6 | 38.8 |
| S $\frac{1}{4}$ | | | 12.5 | 38.9 |
| S.Curb | | | 12.4 | 39.0 |
| +10' | | | 12.2 | 39.2 |
| S.L. | | | 11.8 | 39.6 |
| T.P. | | | 12.03 | 39.38 |
| | 0.68 | 40.06 ✓ | | |
| 1+00 | | | | |
| S.L. | | | 2.5 | 37.6 |
| +10' | | | 2.7 | 37.4 |
| S.Curb | | | 3.0 | 37.1 |
| S $\frac{1}{4}$ | | | 3.4 | 36.7 |
| ¢ | | | 3.8 | 36.3 |
| N $\frac{1}{4}$ | | | 4.0 | 36.1 |
| N.Curb | | | 4.4 | 35.7 |
| +10' | | | 4.8 | 35.3 |
| N.L. | | | 4.6 | 35.5 |

| STA | + | H.I. | - | Elev. |
|-----------------|---|-------|------|-------|
| | | 40.06 | | |
| 1+50 | | | | |
| N.L. | | | 6.6 | 33.5 |
| +10' | | | 6.5 | 33.6 |
| N.Curb | | | 6.3 | 33.8 |
| N $\frac{1}{4}$ | | | 6.3 | 33.8 |
| ¢ | | | 5.9 | 34.2 |
| S $\frac{1}{4}$ | | | 5.7 | 34.4 |
| S.Curb | | | 5.2 | 34.9 |
| +10' | | | 4.4 | 35.7 |
| +17' | | | 3.6 | 36.5 |
| S.L. | | | 3.0 | 37.1 |
| 2+00 | | | | |
| S.L. | | | 4.6 | 35.5 |
| +10' | | | 7.1 | 33.0 |
| S.Curb | | | 7.0 | 33.1 |
| S $\frac{1}{4}$ | | | 7.3 | 32.8 |
| ¢ | | | 7.5 | 32.6 |
| N $\frac{1}{4}$ | | | 8.5 | 31.6 |
| N.Curb | | | 8.7 | 31.4 |
| +10' | | | 8.4 | 31.7 |
| N.L. | | | 8.6 | 31.5 |
| 2+50 | | | | |
| +5' | | | 10.8 | 29.3 |
| N.L. | | | 10.4 | 29.7 |
| +10' | | | 10.2 | 29.9 |

| STA | + | H.I. 40.06 | - | Elev. |
|---------|---|---------------|------|-------|
| N. Curb | | | 9.7 | 30.4 |
| N 1/4 | | | 9.4 | 30.7 |
| ¢ | | | 7.8 | 32.3 |
| S 1/4 | | | 6.4 | 33.7 |
| S. Curb | | | 5.3 | 34.8 |
| +10 | | | 4.1 | 36.0 |
| S.L. | | | 2.3 | 37.8 |
| +5 | | | 0.7 | 39.4 |
| 3+00 | | | | |
| +5' | | | 0.3 | 39.8 |
| S.L. | | | 0.0 | 40.1 |
| +10' | | | 0.8 | 39.3 |
| S. Curb | | | 2.3 | 37.8 |
| S 1/4 | | | 3.8 | 36.3 |
| ¢ | | | 5.7 | 34.4 |
| N 1/4 | | | 7.9 | 32.2 |
| N. Curb | | | 9.2 | 32.9 |
| +10' | | | 10.7 | 29.4 |
| N.L. | | | 14.5 | 27.6 |
| +5' | | | 13.2 | 26.9 |
| 3+50 | | | | |
| +5' | | | 11.0 | 29.1 |
| N.L. | | | 9.7 | 30.4 |
| +10' | | | 7.2 | 32.9 |
| N. Curb | | | 5.2 | 34.9 |

| STA | + | H.I. 40.06 | - | Elev. |
|---------|------|---------------|------|-------|
| N 1/4 | | | 2.4 | 37.7 |
| T.P. | | | 2.87 | 37.19 |
| | 5.10 | 42.29 ✓ | | |
| ¢ | | | 2.7 | 39.6 |
| S 1/4 | | | 1.7 | 40.6 |
| S. Curb | | | 1.0 | 41.3 |
| +10' | | | 1.1 | 41.2 |
| +12' | | | 1.7 | 40.6 |
| S.L. | | | 2.5 | 39.8 |
| +5' | | | 3.3 | 39.0 |
| 4+00 | | | | |
| +5' | | | 5.9 | 36.4 |
| S.L. | | | 5.2 | 37.1 |
| +5' | | | 3.2 | 39.1 |
| +10' | | | 3.3 | 39.0 |
| S. Curb | | | 3.1 | 39.2 |
| S 1/4 | | | 3.3 | 39.0 |
| ¢ | | | 3.9 | 38.4 |
| N 1/4 | | | 4.8 | 37.5 |
| N. Curb | | | 7.2 | 35.1 |
| +10' | | | 9.2 | 33.1 |
| N.L. | | | 10.4 | 31.9 |
| +8' | | | 11.7 | 30.6 |
| +18' | | | 19.0 | 23.3 |

| STA | + | H.I. | - | Elev. |
|------------|-----|-------|------|-------|
| 4+40 | | 42.29 | | |
| +5' | | | 10.0 | 32.3 |
| S.L. | | | 9.2 | 33.1 |
| +3' | | | 8.1 | 34.2 |
| +10' | | | 8.1 | 34.2 |
| S. Curb | | | 7.4 | 34.9 |
| S/4 | | | 6.9 | 35.4 |
| ¢ | | | 6.9 | 35.4 |
| +3' | | | 7.3 | 35.0 |
| +5' | | | 9.4 | 32.9 |
| +9' | | | 7.3 | 35.0 |
| N/4 | | | 7.3 | 35.0 |
| +5' | | | 7.2 | 35.1 |
| T.P. | | | 13.0 | 29.29 |
| Hand Level | 0.0 | 29.29 | | |
| +7' | | | 2.0 | 27.3 |
| N. Curb | | | 4.0 | 25.3 |
| +10' | | | 6.5 | 22.8 |
| N.L. | | | 7.8 | 21.5 |
| +10' | | | 8.0 | 21.3 |
| 4+50 | | | | |
| +10' | | | 8.0 | 21.3 |
| N.L. | | | 8.4 | 20.9 |
| +10' | | | 7.7 | 21.6 |
| N. Curb | | | 6.3 | 23.0 |

| STA | + | H.I. | - | Elev. |
|---------|-------|-------|-------|-------|
| N/4 | | 38.29 | 2.9 | 26.4 |
| +1' | | | 0.8 | 27.0 |
| Instr. | 42.29 | | | |
| +5' | | | 13.7 | 28.6 |
| ¢ | | | 11.0 | 31.3 |
| +3' | | | 9.3 | 33.0 |
| S/4 | | | 8.6 | 33.7 |
| S. Curb | | | 8.7 | 33.6 |
| +10' | | | 9.5 | 32.8 |
| +16' | | | 9.9 | 32.4 |
| S.L. | | | 11.2 | 31.1 |
| +5' | | | 11.7 | 30.6 |
| T.P. | | | 11.24 | 31.05 |
| 160? | 0.85 | 31.90 | | |
| +5' | | | 2.6 | 29.3 |
| S.L. | | | 2.0 | 29.9 |
| +10' | | | 1.7 | 30.2 |
| S. Curb | | | 1.0 | 30.9 |
| +7' | | | 1.0 | 30.9 |
| S/4 | | | 7.0 | 24.9 |
| ¢ | | | 10.4 | 21.5 |
| +5' | | | 11.8 | 20.1 |
| +8' | | | 11.1 | 20.8 |
| N/4 | | | 11.1 | 20.8 |
| N. Curb | | | 11.2 | 20.7 |

| STA | + | H.I. | - | Elev. | STA | + | H.I. | - | Elev. |
|--------|------|---------|-------|-------|--------|---|-------|------|-------|
| +10' | | 31.90 | 11.7 | 20.2 | +13' | | 29.15 | 8.0 | 21.2 |
| N.L. | | | 11.1 | 20.8 | S.L. | | | 9.5 | 19.7 |
| +10' | | | 7.2 | 24.7 | +10' | | | 9.5 | 19.7 |
| +15' | | | 8.6 | 23.3 | S.Curb | | | 10.2 | 19.0 |
| 4+90 | | | | | S/4 | | | 10.6 | 18.6 |
| +10' | | | 11.6 | 20.3 | ☐ | | | 10.5 | 18.7 |
| N.L. | | | 9.3 | 22.6 | N/4 | | | 9.7 | 19.5 |
| +6' | | | 8.7 | 23.2 | N.Curb | | | 11.9 | 17.3 |
| +10' | | | 10.9 | 21.0 | +10' | | | 13.0 | 16.2 |
| N.Curb | | | 12.3 | 19.6 | N.L. | | | 13.8 | 15.4 |
| N/4 | | | 12.4 | 19.5 | +10' | | | 13.5 | 15.7 |
| +2' | | | 14.0 | 17.9 | 5+60 | | | | |
| ☐ | | | 14.0 | 17.9 | +10' | | | 14.0 | 15.2 |
| +2' | | | 12.0 | 19.9 | N.L. | | | 13.8 | 15.4 |
| S/4 | | | 12.4 | 19.5 | +5' | | | 12.4 | 16.8 |
| +4' | | | 12.0 | 19.9 | +10' | | | 12.6 | 16.6 |
| S.Curb | | | 7.0 | 24.9 | N.Curb | | | 12.7 | 16.5 |
| +2' | | | 5.5 | 26.4 | N/4 | | | 13.9 | 15.3 |
| +10' | | | 5.6 | 26.3 | ☐ | | | 14.1 | 15.1 |
| S.L. | | | 5.0 | 26.9 | S/4 | | | 13.4 | 15.8 |
| +5' | | | 4.9 | 27.0 | S.Curb | | | 12.2 | 17.0 |
| T.P. | | | 12.34 | 19.56 | +3' | | | 11.3 | 17.9 |
| | 9.59 | 29.15 ✓ | | | +10' | | | 11.2 | 18.0 |
| 5+25 | | | | | S.L. | | | 11.3 | 17.9 |
| +16' | | | 4.4 | 24.8 | +10' | | | 11.1 | 18.1 |

| STA | + | H.I. | - | Elev. |
|---------------------|---|-------|-------|-------|
| 5+80 | | 29.15 | | |
| +10' | | | 11.2 | 18.0 |
| S.L. | | | 11.5 | 17.7 |
| +10' | | | 11.9 | 17.3 |
| +16' | | | 8.7 | 20.5 |
| S. Curb | | | 10.7 | 18.5 |
| +3' | | | 14.2 | 15.0 |
| +8' | | | 15.0 | 14.2 |
| S/4 | | | 10.9 | 18.3 |
| ⊕ | | | 6.0 | 23.2 |
| N/4 | | | 2.7 | 26.5 |
| N. Curb | | | 1.6 | 27.6 |
| +10' | | | 3/4 | 25.8 |
| N.L. | | | 9.7 | 19.5 |
| +10' | | | 13.5 | 15.7 |
| 5+85 ⁵⁰ | | | | |
| +10' | | | 9.3 | 19.9 |
| N.L. | | | 8.0 | 21.2 |
| +10' | | | 2.7 | 26.5 |
| N. Curb | | | 1.8 | 27.4 |
| N/4 | | | 1.5 | 27.7 |
| +5' | | | 1.9 | 27.3 |
| ⊕ | | | 3.8 | 25.4 |
| S/4 | | | 8.3 | 20.9 |
| +5' Top 48" Culvert | | | 10.66 | 18.79 |

| STA | + | H.I. | - | Elev. |
|--------------------------|---|-------|-------|-------|
| | | 29.10 | | |
| Flow Line 48" Culvert | | | 15.07 | 14.08 |
| S. Curb | | | 12.9 | 16.3 |
| +4' | | | 9.0 | 20.2 |
| +10' | | | 10.0 | 19.2 |
| S.L. | | | 9.7 | 19.5 |
| +10' | | | 10.2 | 19.0 |
| 6+01 ⁶⁷ | | | | |
| W.L. 32 nd | | | | |
| S.L. | | | 2.7 | 26.5 |
| 2.5 East Sidewalk | | | 2.80 | 26.35 |
| +10' Sidewalk | | | 2.98 | 26.17 |
| S. Curb Top | | | 3.36 | 25.79 |
| ✓ Poth. | | | 4.0 | 25.2 |
| S/4 | | | 3.3 | 25.9 |
| ⊕ | | | 2.9 | 26.3 |
| N/4 | | | 2.9 | 26.3 |
| N. Curb Top | | | 2.64 | 26.57 |
| ✓ Poth. | | | 2.6 | 26.6 |
| +10' Sidewalk | | | 2.43 | 26.72 |
| N.L. | | | 2.1 | 27.1 |
| 2.5 East Side Walk | | | 2.20 | 26.95 |
| W. Curb 32 nd | | | | |
| N.L. Curb Top | | | 2.44 | 26.71 |
| ✓ Poth. | | | 2.70 | 26.45 |
| +10' Curb Top | | | 2.71 | 26.44 |
| ✓ Poth. | | | 3.0 | 26.2 |

| STA | + | H.I. | - | Elev |
|---|-------|------------------|------|---------|
| N. Curb | | 29.15 | 3.1 | 26.1 |
| N/a | | | 3.4 | 25.8 |
| ☒ | | | 3.5 | 25.7 |
| S/a | | | 3.7 | 25.5 |
| S. Curb | | | 3.9 | 25.3 |
| +10' Curb Top | | | 3.21 | 25.94 |
| ✓ Bot. | | | 4.0 | 24.2 |
| S.L. Curb Top | | | 2.95 | 26.20 |
| ✓ Bot. | | | 4.0 | 25.2 |
| | ☒ | 32 nd | | |
| S.L. | | | 3.0 | 26.2 |
| +10' | | | 3.2 | 26.0 |
| S. Curb | | | 3.1 | 26.1 |
| S/a | | | 3.0 | 26.2 |
| ☒ | | | 3.0 | 26.2 |
| N/a | | | 2.8 | 26.4 |
| N. Curb | | | 2.6 | 26.6 |
| +10' | | | 2.3 | 26.9 |
| N.L. | | | 1.8 | 27.4 |
| T.P. | | | 0.07 | 29.08 ✓ |
| T.P. | | | 0.82 | 28.33 ✓ |
| | 12.38 | 40.71 ✓ | | |
| T.P. | | | 0.58 | 40.13 ✓ |
| | 12.99 | 53.12 ✓ | | |
| T.P. N.W. B.R. 32 nd & Logan | | 51.07 | 2.09 | 51.03 |

at Top Low
51.07 correct.

| STA | + | H.I. | - | Elev |
|--|-------|---------|-------|--------------------------|
| T.P. | | | | 29.08 |
| | | | | Correction + 0.4 |
| | | | | 29.12 |
| | 11.85 | 40.97 ✓ | | |
| T.P. | | | 0.10 | 40.87 |
| | 7.84 | 48.71 ✓ | | OK. |
| X-Section Martin from W.L. 32 nd to W.L. 31 st | | | | |
| 80' wide, 20' Side Walk, 10' Quarters. | | | | |
| | | | ☒ | 32 nd |
| S.L. | | | 11.6 | 37.1 |
| S. Curb | | | 11.2 | 37.5 |
| S/a | | | 11.0 | 37.7 |
| ☒ | | | 10.8 | 37.9 |
| N/a | | | 10.6 | 38.1 |
| N. Curb | | | 10.5 | 38.2 |
| N.L. | | | 10.2 | 38.5 |
| | | | | W. Curb 32 nd |
| N.L. Curb Top | | | 9.71 | 39.00 |
| ✓ Bot. | | | 10.5 | 38.2 |
| N. Curb | | | 10.7 | 38.0 |
| N/a | | | 10.8 | 37.9 |
| ☒ | | | 11.9 | 36.8 |
| S/a | | | 11.1 | 37.6 |
| S. Curb | | | 11.5 | 37.2 |
| S.L. Curb Bot. | | | 11.7 | 37.0 |
| ✓ Top | | | 11.23 | 37.48 |

Plotted 3/19/99

48.71

| STA | + | H.I. | - | Elev. |
|-------------------------------|-----------------------|------|-------|-------|
| 6+01.5 ^{sr} | W.L. 32 nd | | | |
| S.L. | | | 10.8 | 37.9 |
| | 2.5 East Side Walk | | 11.05 | 37.66 |
| +10' | Side Walk | | 10.70 | 38.01 |
| S. Curb Top | | | 10.87 | 37.84 |
| ✓ | Bot. higher | | 10.2 | 38.5 |
| S ¹ / ₄ | | | 10.0 | 38.7 |
| ⊕ | | | 9.7 | 39.0 |
| N ¹ / ₄ | | | 9.3 | 39.4 |
| N. Curb Bot. higher | | | 9.50 | 39.21 |
| ✓ | Top | | 9.86 | 38.85 |
| +10' | Side Walk | | 9.63 | 39.08 |
| N.L. | | | 9.3 | 39.4 |
| | 2.5 East Side Walk | | 9.57 | 39.14 |
| 6+01 | | | | |
| +5' | | | 7.7 | 41.0 |
| N.L. | | | 7.5 | 41.2 |
| +10' | | | 7.1 | 41.6 |
| N. Curb | | | 7.0 | 41.7 |
| +3' | | | 7.2 | 41.5 |
| +4' | | | 8.5 | 40.2 |
| N ¹ / ₄ | | | 9.0 | 39.7 |
| ⊕ | | | 8.9 | 39.8 |
| S ¹ / ₄ | | | 9.8 | 38.9 |
| +9' | | | 8.8 | 39.9 |

48.71

52

| STA | + | H.I. | - | Elev. |
|------|-------------------------------|------|------|-------|
| | S. Curb | | 7.6 | 41.1 |
| | +10' | | 7.9 | 40.8 |
| | S.L. | | 8.4 | 40.3 |
| | +5' | | 8.8 | 39.9 |
| 5+50 | | | | |
| | +5' | | 10.2 | 38.5 |
| | S.L. | | 9.5 | 39.2 |
| | +10' | | 9.1 | 39.6 |
| | S. Curb | | 8.0 | 40.7 |
| | +3' | | 7.1 | 41.6 |
| | S ¹ / ₄ | | 7.3 | 41.4 |
| | ⊕ | | 6.4 | 42.3 |
| | N ¹ / ₄ | | 5.7 | 43.0 |
| | N. Curb | | 5.3 | 43.4 |
| | +10' | | 4.5 | 44.2 |
| | N.L. | | 3.9 | 44.8 |
| | +5' | | 3.5 | 45.2 |
| 5+00 | | | | |
| | +5' | | 10.9 | 37.8 |
| | S.L. | | 10.4 | 38.3 |
| | +10' | | 9.5 | 39.2 |
| | +17' | | 8.8 | 39.9 |
| | S. Curb | | 7.9 | 40.8 |
| | S ¹ / ₄ | | 7.3 | 41.4 |
| | ⊕ | | 7.0 | 41.7 |

| STA | + | H.I. | - | Elev. |
|---------|---|-------|------|-------|
| N/4 | | 48.71 | 6.2 | 42.5 |
| N. Curb | | | 5.5 | 43.2 |
| +10' | | | 4.4 | 44.3 |
| N.L. | | | 2.8 | 45.9 |
| +5' | | | 2.5 | 46.2 |
| 4+50 | | | | |
| +5' | | | 4.8 | 45.9 |
| N.L. | | | 5.3 | 43.4 |
| +10' | | | 6.3 | 42.4 |
| N. Curb | | | 6.9 | 41.8 |
| N/4 | | | 8.2 | 40.5 |
| ¢ | | | 9.4 | 39.3 |
| S/4 | | | 9.3 | 39.4 |
| +7' | | | 9.2 | 39.5 |
| S. Curb | | | 9.9 | 38.8 |
| +10' | | | 10.9 | 37.8 |
| S.L. | | | 11.5 | 37.2 |
| +5' | | | 11.8 | 36.9 |
| 4+00 | | | | |
| +5' | | | 12.8 | 35.9 |
| S.L. | | | 12.9 | 35.8 |
| +10' | | | 13.2 | 35.5 |
| +15' | | | 13.0 | 35.7 |
| S. Curb | | | 11.7 | 37.0 |
| S/4 | | | 11.6 | 37.1 |

| STA | + | H.I. | - | Elev. |
|---------|------|---------|------|---------|
| ¢ | | 48.71 | 11.3 | 37.4 |
| N/4 | | | 10.5 | 38.2 |
| N. Curb | | | 9.5 | 39.2 |
| +10' | | | 9.0 | 39.7 |
| N.L. | | | 8.0 | 40.7 |
| +5' | | | 7.5 | 41.2 |
| T.P. | | | 7.44 | 41.27 ✓ |
| | 1.00 | 42.27 ✓ | | |
| 3+50 | | | | |
| +5' | | | 2.6 | 39.7 |
| N.L. | | | 3.1 | 39.2 |
| +10' | | | 4.1 | 38.2 |
| N. Curb | | | 4.7 | 37.6 |
| N/4 | | | 6.3 | 36.0 |
| ¢ | | | 7.3 | 35.0 |
| S/4 | | | 8.4 | 33.9 |
| +9' | | | 9.4 | 32.9 |
| S. Curb | | | 9.9 | 32.4 |
| +2' | | | 10.7 | 31.6 |
| +10' | | | 12.3 | 30.0 |
| S.L. | | | 13.4 | 28.9 |
| +5' | | | 13.4 | 28.9 |
| 3+00 | | | | |
| +5' | | | 19.8 | 23.5 |
| S.L. | | | 19.6 | 22.7 |

| STA | + | H.I. | - | Elev. |
|---------|------|---------|-------|-------|
| | | 42.27 | | |
| +10' | | | 18.1 | 24.2 |
| S. Curb | | | 16.6 | 25.7 |
| S/4 | | | 14.4 | 27.9 |
| ☐ | | | 13.0 | 29.3 |
| N/4 | | | 11.3 | 31.0 |
| N. Curb | | | 9.6 | 32.7 |
| +10' | | | 7.8 | 34.5 |
| N.L. | | | 7.0 | 35.3 |
| +5' | | | 6.3 | 36.0 |
| 2+72 | | | | |
| +5' | | | 6.7 | 35.6 |
| N.L. | | | 7.4 | 34.9 |
| +10' | | | 8.7 | 33.6 |
| N. Curb | | | 10.2 | 32.1 |
| N/4 | | | 10.8 | 31.5 |
| ☐ | | | 12.7 | 29.6 |
| T.P. | | | 12.20 | 30.07 |
| | 4.73 | 34.80 ✓ | | |
| S/4 | | | 7.0 | 27.8 |
| S. Curb | | | 9.0 | 25.8 |
| +10' | | | 10.8 | 24.0 |
| S.L. | | | 12.4 | 22.4 |
| +5' | | | 13.2 | 21.6 |

| STA | + | H.I. | - | Elev. |
|---------|------|---------|-------|-------|
| | | 34.80 | | |
| 2+50 | | | | |
| +5' | | | 14.0 | 20.8 |
| S.L. | | | 13.8 | 21.0 |
| +10' | | | 13.1 | 21.7 |
| S. Curb | | | 11.7 | 23.1 |
| S/4 | | | 9.8 | 25.0 |
| ☐ | | | 8.6 | 26.2 |
| N/4 | | | 7.0 | 27.8 |
| N. Curb | | | 6.3 | 28.5 |
| +10' | | | 4.5 | 30.3 |
| N.L. | | | 3.0 | 31.8 |
| +5' | | | 2.2 | 32.6 |
| 2+25 | | | | |
| +5' | | | 6.5 | 28.3 |
| N.L. | | | 7.2 | 27.6 |
| +10' | | | 8.5 | 26.3 |
| N. Curb | | | 9.3 | 25.5 |
| N/4 | | | 10.7 | 24.1 |
| ☐ | | | 11.9 | 22.9 |
| T.P. | | | 12.25 | 22.55 |
| | 3.05 | 25.60 ✓ | | |
| S/4 | | | 4.0 | 21.6 |
| S. Curb | | | 4.9 | 20.7 |
| +6' | | | 6.4 | 19.2 |
| +10' | | | 6.6 | 19.0 |

| STA | + | H.I. | - | Elev. |
|------|-----------------|-------|-----|-------|
| | | 25.60 | | |
| +15' | Bottom of Drain | | 7.4 | 18.2 |
| | S.L. | | 6.8 | 18.8 |
| +5' | | | 6.6 | 19.0 |
| 2+00 | | | | |
| +5' | | | 5.6 | 20.0 |
| | S.L. | | 5.6 | 20.0 |
| +3' | | | 5.8 | 19.8 |
| +10' | Bottom of Drain | | 7.5 | 18.1 |
| +12' | | | 6.9 | 18.7 |
| | S. Curb | | 6.1 | 19.5 |
| | S 1/4 | | 5.6 | 20.0 |
| | ⊕ | | 5.0 | 20.6 |
| | N 1/4 | | 4.4 | 21.2 |
| | N. Curb | | 4.0 | 21.6 |
| +10' | | | 3.5 | 22.1 |
| | N.L. | | 3.0 | 22.6 |
| +5' | | | 2.7 | 22.9 |
| 1+90 | | | | |
| +5' | | | 3.4 | 22.2 |
| | N.L. | | 3.5 | 22.1 |
| +10' | | | 3.8 | 21.8 |
| | N. Curb | | 4.5 | 21.1 |
| | N 1/4 | | 5.0 | 20.6 |
| | ⊕ | | 6.0 | 19.6 |
| | S 1/4 | | 7.0 | 18.6 |

| STA | + | H.I. | - | Elev. |
|------|-----------------|-------|-------|-------|
| | | 25.60 | | |
| +3' | Bottom of Drain | | 7.3 | 18.3 |
| | S. Curb | | 6.6 | 19.0 |
| +5' | | | 6.3 | 19.3 |
| +6' | | | 5.5 | 20.1 |
| +10' | | | 5.5 | 20.1 |
| | S.L. | | 5.5 | 20.1 |
| +5' | | | 5.1 | 20.5 |
| +10' | | | 3.5 | 22.1 |
| | T.P. | | 0.41 | 25.19 |
| | | 8.35 | 33.54 | |
| 1+75 | | | | |
| +5' | | | 5.7 | 27.8 |
| | S.L. | | 6.0 | 27.5 |
| +5' | | | 6.8 | 26.7 |
| +10' | | | 8.2 | 25.3 |
| | S. Curb | | 11.1 | 23.4 |
| | S 1/4 | | 12.6 | 20.9 |
| | ⊕ | | 12.9 | 20.6 |
| | N 1/4 | | 12.9 | 20.6 |
| | N. Curb | | 12.9 | 20.6 |
| +10' | | | 12.6 | 20.9 |
| | N.L. | | 12.0 | 21.5 |
| +5' | | | 11.8 | 21.7 |

| STA | + | H.I. | - | Elev. |
|-----------------|---|-------|------|-------|
| 1+60 | | 33.54 | | |
| +5' | | | 11.7 | 21.8 |
| N.L. | | | 11.8 | 21.7 |
| +10' | | | 12.1 | 21.4 |
| N.Curb | | | 11.5 | 22.0 |
| N $\frac{1}{4}$ | | | 9.9 | 23.6 |
| ☐ | | | 7.9 | 25.6 |
| S $\frac{1}{4}$ | | | 5.8 | 27.7 |
| S.Curb | | | 5.0 | 28.5 |
| +10' | | | 5.0 | 28.5 |
| S.L. | | | 5.8 | 27.7 |
| +10' | | | 8.8 | 24.7 |
| 1+50 | | | | |
| +5' | | | 7.9 | 25.6 |
| S.L. | | | 7.5 | 26.0 |
| +10' | | | 7.1 | 26.4 |
| +16' | | | 6.3 | 27.2 |
| S.Curb | | | 5.4 | 28.1 |
| S $\frac{1}{4}$ | | | 4.4 | 29.1 |
| ☐ | | | 4.6 | 28.9 |
| +5' | | | 5.4 | 28.1 |
| N $\frac{1}{4}$ | | | 7.1 | 26.4 |
| N.Curb | | | 9.7 | 23.8 |
| +6' | | | 11.1 | 22.4 |
| +10' | | | 11.5 | 22.0 |

| STA | + | H.I. | - | Elev. |
|-----------------|-------|-------|------|-------|
| N.L. | | 53.54 | 11.5 | 22.0 |
| +5' | | | 11.5 | 22.0 |
| 1+00 | | | | |
| +35' | | | 7.2 | 26.3 |
| +25' | | | 3.3 | 30.2 |
| N.L. | | | 3.6 | 29.9 |
| +10' | | | 3.7 | 29.8 |
| N.Curb | | | 3.2 | 30.3 |
| N $\frac{1}{4}$ | | | 2.5 | 31.0 |
| T.P. | | | 2.34 | 31.20 |
| | 11.04 | 42.24 | | |
| ☐ | | | 10.2 | 32.0 |
| S $\frac{1}{4}$ | | | 10.6 | 31.6 |
| +5' | | | 10.1 | 32.1 |
| S.Curb | | | 9.6 | 32.6 |
| +10' | | | 7.6 | 34.6 |
| +16' | | | 7.5 | 34.7 |
| S.L. | | | 5.3 | 36.9 |
| +5' | | | 5.3 | 36.9 |
| 0+50 | | | | |
| T.P. | | | 1.44 | 40.80 |
| | 6.08 | 46.88 | | |
| +5' | | | 5.1 | 41.8 |
| S.L. | | | 4.9 | 42.0 |
| +10' | | | 4.8 | 42.1 |

| STA | + | H.I. | - | Elev. |
|---------|------|-------|------|-------|
| S. Curb | | 46.88 | 4.9 | 42.0 |
| S 1/4 | | | 5.7 | 41.2 |
| ⊕ | | | 6.8 | 40.4 |
| N 1/4 | | | 8.2 | 38.7 |
| N. Curb | | | 9.5 | 37.4 |
| +5' | | | 11.3 | 35.6 |
| +10' | | | 11.4 | 35.5 |
| N.L. | | | 11.6 | 35.3 |
| +2' | | | 14.5 | 32.4 |
| +9' | | | 15.6 | 31.3 |
| +10' | | | 14.2 | 34.7 |
| 0+00 | E.L. | 31st | | |
| +5' | | | 4.5 | 42.4 |
| N.L. | | | 4.3 | 42.6 |
| +10' | | | 5.4 | 41.5 |
| +18' | | | 5.6 | 41.3 |
| N. Curb | | | 8.1 | 38.8 |
| +2' | | | 5.6 | 41.3 |
| N 1/4 | | | 4.2 | 42.7 |
| ⊕ | | | 5.0 | 41.9 |
| S 1/4 | | | 5.4 | 41.5 |
| S. Curb | | | 5.7 | 41.2 |
| +4' | | | 5.7 | 41.2 |
| +8' | | | 4.5 | 42.4 |
| +10' | | | 4.7 | 42.2 |

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| STA | + | H.I. | - | Elev. |
|--|--------------------------|-------------------|-------|---------|
| S.L. | | 46.84 | 4.7 | 42.2 |
| +5' | | | 4.4 | 42.5 |
| T.P. | Referred to page 39 | | 4.69 | 42.19 |
| T.P. | See pg. 39 | | | 42.26 |
| | | | | - 07 |
| X- Section Valle from E.L. 31st to W.L. 32nd | | | | |
| 80' wide, 20' Side Walks, 10' Quarters | | | | |
| T.P. | see pg. Five Plug | | | 41.61 |
| | | 0.79 | | 41.49 |
| | | | | 42.40 |
| | | | | 42.28 ✓ |
| 0+00 | E.L. | 31st | | |
| N.L. | | | 3.3 | 39.1 |
| +10' | | | 3.3 | 39.1 |
| +17' | | | 3.1 | 39.3 |
| N. Curb | | | 3.7 | 38.7 |
| N 1/4 | | | 4.9 | 37.5 |
| ⊕ | | | 4.7 | 37.7 |
| S 1/4 | | | 4.9 | 37.5 |
| S. Curb | | | 5.3 | 37.1 |
| +10' | | | 5.1 | 37.3 |
| S.L. | | | 5.4 | 37.0 |
| 0+44 | ⊕ | 16" Conc. Culvert | | |
| +10' | | | 15.1 | 27.3 |
| S.L. | | | 15.0 | 27.4 |
| + 8.5 | S. End Culvert Flow Line | | 15.21 | 27.19 |
| +10' | | | 13.0 | 29.4 |

| STA | + | H.I. | - | Elev. |
|---------|-------------------------|-------|------|-------|
| S. Curb | | 42.40 | 7.4 | 35.0 |
| +5' | | | 6.2 | 36.2 |
| S/4 | | | 5.5 | 36.9 |
| ☐ | | | 5.5 | 36.9 |
| N/4 | | | 5.5 | 36.9 |
| +5' | | | 5.7 | 36.7 |
| N. Curb | | | 7.5 | 34.9 |
| +8' | N. End Culvert FlowLine | | 14.2 | 28.18 |
| +10' | | | 14.0 | 28.4 |
| N.L. | | | 13.8 | 28.6 |
| +10' | | | 13.4 | 29.0 |
| 0+87 | | | | |
| +10' | | | 10.2 | 32.2 |
| N.L. | | | 10.4 | 32.0 |
| +10' | | | 10.2 | 32.2 |
| N. Curb | | | 8.3 | 34.1 |
| +4' | | | 7.6 | 34.8 |
| N/4 | | | 6.7 | 35.7 |
| ☐ | | | 6.3 | 36.1 |
| S/4 | | | 6.7 | 35.7 |
| +7' | | | 7.3 | 35.1 |
| S. Curb | | | 8.9 | 33.5 |
| +6' | | | 10.2 | 32.2 |
| +10' | | | 10.1 | 32.3 |
| S.L. | | | 9.5 | 32.9 |

| STA | + | H.I. | - | Elev. |
|---------|---|------------------|------|-------|
| +10' | | | 9.5 | 32.9 |
| T.P. | | | 0.81 | 41.47 |
| | | 53.34 | | |
| | | 53.22 | | |
| 1+50 | | | | |
| +10' | | | | |
| S.L. | | | 5.1 | 48.2 |
| +10' | | | 4.3 | 49.0 |
| +10' | | | 4.4 | 48.9 |
| +10' | | | 4.3 | 49.0 |
| S. Curb | | | 5.0 | 48.3 |
| +3' | | | 6.7 | 46.6 |
| S/4 | | | 6.3 | 47.0 |
| ☐ | | | 6.8 | 46.5 |
| N/4 | | | 6.8 | 46.5 |
| +7' | | | 7.8 | 45.5 |
| N. Curb | | | 6.6 | 46.7 |
| +10' | | | 8.7 | 44.6 |
| N.L. | | | 8.6 | 44.7 |
| +10' | | | 8.3 | 45.0 |
| T.P. | | | 0.76 | 52.46 |
| | | 56 | | |
| | | 65.44 | | |
| 2+00 | | | | |
| +10' | | | 11.4 | 54.2 |
| N.L. | | | 11.0 | 54.6 |
| +10' | | | 11.1 | 54.5 |
| N. Curb | | | 11.1 | 54.5 |

| STA | + | H.I. 65.56 | - | Elev. |
|-----------------|---|---------------|------|-------|
| +2' | | | 12.4 | 53.2 |
| N $\frac{1}{4}$ | | | 11.8 | 53.8 |
| ¢ | | | 12.1 | 53.5 |
| S $\frac{1}{4}$ | | | 11.9 | 53.7 |
| +9' | | | 11.9 | 53.7 |
| S. Curb | | | 11.0 | 54.6 |
| +1' | | | 10.5 | 55.1 |
| +10' | | | 10.3 | 55.3 |
| S.L. | | | 10.5 | 55.1 |
| +10' | | | 11.1 | 54.5 |
| 2+50 | | | | |
| +10' | | | 7.9 | 57.6 |
| S.L. | | | 7.5 | 58.0 |
| +10' | | | 7.2 | 58.4 |
| +19' | | | 7.1 | 58.5 |
| S. Curb | | | 7.5 | 58.1 |
| +1' | | | 7.8 | 57.8 |
| S $\frac{1}{4}$ | | | 8.1 | 57.5 |
| ¢ | | | 7.7 | 57.9 |
| N $\frac{1}{4}$ | | | 7.5 | 58.1 |
| +9' | | | 7.9 | 57.7 |
| N. Curb | | | 7.0 | 58.6 |
| +1' | | | 6.4 | 59.2 |
| +10' | | | 6.3 | 59.3 |
| N.L. | | | 6.1 | 59.5 |

| STA | + | H.I. 65.56 | - | Elev. |
|-----------------|---|---------------|-----|-------|
| +10' | | | 6.1 | 59.5 |
| 3+00 | | | | |
| +10' | | | 2.8 | 62.8 |
| N.L. | | | 2.9 | 62.7 |
| +10' | | | 3.4 | 62.2 |
| N. Curb | | | 3.3 | 62.3 |
| +1' | | | 4.0 | 61.6 |
| N $\frac{1}{4}$ | | | 3.5 | 62.1 |
| ¢ | | | 3.6 | 62.0 |
| S $\frac{1}{4}$ | | | 4.0 | 61.6 |
| S. Curb | | | 4.8 | 60.8 |
| +1' | | | 4.5 | 61.1 |
| +10' | | | 4.8 | 60.8 |
| S.L. | | | 5.5 | 60.1 |
| +10' | | | 6.2 | 59.4 |
| 3+50 | | | | |
| +10' | | | 4.8 | 60.8 |
| S.L. | | | 4.2 | 61.4 |
| +5' | | | 3.7 | 61.9 |
| +10' | | | 3.8 | 61.8 |
| S. Curb | | | 3.6 | 62.0 |
| S $\frac{1}{4}$ | | | 3.0 | 62.6 |
| ¢ | | | 2.6 | 63.0 |
| N $\frac{1}{4}$ | | | 2.5 | 63.1 |
| N. Curb | | | 2.7 | 62.9 |

| STA | + | H.I. | - | Elev |
|----------|------|--------------------------|------|---------------------|
| | | 65.56 | | |
| +10' | | | 2.4 | 63.2 |
| N.L. | | | 2.1 | 63.5 |
| +10' | | | 2.0 | 63.6 |
| T.P. | | | 2.64 | 62.80 ⁹² |
| | 2.12 | 64.9 65.04 | | |
| 4+00 | | | | |
| +10' | | | 2.8 | 62.2 |
| N.L. | | | 2.0 | 63.0 |
| +10' | | | 3.3 | 61.7 |
| +19' | | | 3.5 | 61.5 |
| N. Curbs | | | 3.8 | 61.2 |
| +5' | | | 3.5 | 61.5 |
| N/4 | | | 3.4 | 61.6 |
| ☐ | | | 3.6 | 61.4 |
| S/4 | | | 3.8 | 61.2 |
| +9' | | | 4.6 | 60.4 |
| S. Curbs | | | 4.2 | 60.8 |
| +10' | | | 4.2 | 60.8 |
| +15' | | | 3.9 | 61.1 |
| S.L. | | | 4.5 | 60.5 |
| +10' | | | 4.6 | 60.4 |
| 4+50 | | | | |
| +10' | | | 6.2 | 58.8 |
| S.L. | | | 6.1 | 58.9 |
| +5' | | | 5.7 | 59.3 |

| STA | + | H.I. | - | Elev. |
|----------|---|-------|-----|-------|
| | | 65.04 | | |
| +7' | | | 6.1 | 58.9 |
| +10' | | | 6.0 | 59.0 |
| S. Curbs | | | 5.9 | 59.1 |
| +2' | | | 6.3 | 58.7 |
| S/4 | | | 5.5 | 59.5 |
| ☐ | | | 5.2 | 59.8 |
| N/4 | | | 5.0 | 60.0 |
| N. Curbs | | | 5.1 | 59.9 |
| +10' | | | 4.8 | 60.2 |
| N.L. | | | 4.4 | 60.6 |
| +10' | | | 4.2 | 60.8 |
| 5+00 | | | | |
| +10' | | | 3.4 | 61.6 |
| N.L. | | | 3.8 | 61.2 |
| +10' | | | 4.3 | 60.7 |
| N. Curbs | | | 4.8 | 60.2 |
| +1' | | | 5.1 | 59.9 |
| N/4 | | | 5.0 | 60.0 |
| ☐ | | | 5.2 | 59.8 |
| S/4 | | | 5.5 | 59.5 |
| +6' | | | 5.8 | 59.2 |
| S. Curbs | | | 6.3 | 58.7 |
| +10' | | | 6.5 | 58.5 |
| S.L. | | | 7.2 | 57.8 |
| +10' | | | 7.6 | 57.4 |

| STA | + | H.I. | - | Elev. | STA | + | H.I. | - | Elev. |
|---------|---|-------|------|-------|---------------------|-----------|-------|-------|-------|
| 5+50 | | 65.04 | | | | | 65.04 | | |
| +10' | | | 9.0 | 56.0 | +10' | | | 9.2 | 55.8 |
| S.L. | | | 8.3 | 56.7 | S.L. | | | 9.6 | 55.4 |
| +10' | | | 7.8 | 57.2 | +10' | | | 10.1 | 54.9 |
| S. Curb | | | 7.7 | 57.3 | 6+00 ⁶⁸ | W.L. 32nd | | | |
| S 1/4 | | | 7.4 | 57.6 | S.L. | | | 11.8 | 53.2 |
| ☐ | | | 7.1 | 57.9 | +7.5 East Side Walk | | | 11.89 | 53.15 |
| N 1/4 | | | 6.3 | 58.7 | +10' Side Walk | | | 11.12 | 53.92 |
| N. Curb | | | 6.3 | 58.7 | S. Curb Top | | | 11.47 | 53.57 |
| +3' | | | 5.6 | 59.4 | ✓ Bott. | | | 11.7 | 53.3 |
| +10' | | | 5.3 | 59.7 | +7' | | | 10.4 | 54.6 |
| N.L. | | | 4.8 | 60.2 | S 1/4 | | | 10.5 | 54.5 |
| +10' | | | 4.5 | 60.5 | ☐ | | | 10.5 | 54.5 |
| 5+98 | | | | | N 1/4 | | | 9.9 | 55.1 |
| +10' | | | 6.9 | 58.1 | N. Curb Bott. | | | 10.3 | 54.7 |
| N.L. | | | 7.0 | 58.0 | ✓ Top | | | 9.97 | 55.07 |
| +10' | | | 7.3 | 57.7 | +10' Side Walk | | | 9.83 | 55.21 |
| +17' | | | 7.5 | 57.5 | N.L. | | | 8.6 | 56.4 |
| +18' | | | 9.1 | 55.9 | +2.5 East Side Walk | | | 9.75 | 55.39 |
| N. Curb | | | 9.4 | 55.6 | W. Curb 32nd | | | | |
| N 1/4 | | | 9.6 | 55.4 | N.L. Curb Top | | | 9.97 | 55.07 |
| ☐ | | | 10.3 | 54.7 | ✓ Bott. | | | 10.6 | 54.4 |
| S 1/4 | | | 10.1 | 54.9 | +10' ✓ Top | | | 10.05 | 54.99 |
| +9' | | | 10.1 | 54.9 | ✓ Bott. | | | 10.9 | 54.1 |
| S. Curb | | | 8.7 | 56.3 | N. Curb | | | 11.1 | 53.9 |
| | | | | | N 1/4 | | | 11.2 | 53.8 |

| STA | + | H.I. | - | Elev |
|-------------|--------------------------------|-------|-------|-------|
| ϕ | | 65.04 | 11.5 | 53.5 |
| S/c | | | 11.7 | 53.3 |
| S. Curb | | | 12.3 | 52.7 |
| +10' Curb | Bottom | | 12.4 | 52.6 |
| | ✓ Top | | 11.42 | 53.62 |
| S.L. | ✓ Bottom | | 13.2 | 51.8 |
| | ✓ Top | | 11.89 | 53.15 |
| | ϕ | 32nd | | |
| S.L. | | | 12.8 | 52.2 |
| +10' | | | 12.3 | 52.7 |
| S. Curb | | | 11.9 | 53.1 |
| S/c | | | 11.6 | 53.4 |
| ϕ | | | 11.3 | 53.7 |
| N/c | | | 11.1 | 53.9 |
| N. Curb | | | 10.9 | 54.1 |
| +10' | | | 10.7 | 54.3 |
| N.L. | | | 10.6 | 54.4 |
| T.P. | | 5390 | 13.12 | 51.80 |
| | 1.98 | 53.78 | | 51.92 |
| T.P. | | 44.27 | 11.92 | 41.98 |
| | 2.29 | 44.15 | | 41.86 |
| T.P. | | | 5.24 | 3903 |
| | | | | 38.91 |
| N. Curb Top | W.L. 32nd & Martin, see pg. 52 | | | 38.85 |
| | | | | .06 |
| | | | | 0.18' |

2-27-29

J.C. Bliss

Romer

Sommermeier

Check levels - Imperial to Logon

on 31st

| | + | M.H. | - | Elev |
|----------------------------------|---------|-------|---------|-----------------------|
| B.M. N.E. B.P. 31st & Imperial | | | | 77.44 |
| | + 2.06 | 79.50 | | |
| S.E. Top Hydrant 31st & Imperial | | | - 0.24 | 79.26 ^{P.12} |
| T.P. | | | - 6.50 | 73.00 |
| | + 2.11 | 75.11 | | |
| S.E. Top Hydrant 31st & Webster | | | - 2.53 | 72.58 |
| T.P. | | | - 7.03 | 68.08 |
| | + 2.30 | 70.38 | | |
| R.R. Spike S.L. Clay | | | - 7.54 | 62.84 |
| T.P. | | | - 9.37 | 61.01 |
| | + 2.06 | 63.07 | | |
| T.P. | | | - 11.58 | 51.49 |
| | + 1.61 | 53.10 | | |
| B.M. N.W. B.P. 31st & Woolman | | | - 4.48 | 48.62 |
| T.P. | | | - 9.93 | 43.27 |
| | + 1.26 | 45.23 | | |
| S.W. Top Hydrant 31st & Valle | | | - 3.62 | 41.61 |
| T.P. | | | - 10.22 | 35.01 |
| | + 10.42 | 45.43 | | |
| T.P. | | | 4.72 | 40.71 |
| | + 9.12 | 49.83 | | |
| S.W. End C.B. 31st & Greeley | | | 2.70 | 47.13 |
| T.P. | | | - 0.77 | 49.06 |
| | + 12.22 | 61.28 | | |
| T.P. | | | - 0.28 | 61.00 |

63

| | + | M.H. | - | Elev |
|--------------------------------|---------|-------|--------|-------|
| | | | | 61.00 |
| | + 12.84 | 73.84 | | |
| T.P. | | | - 0.81 | 73.03 |
| | + 2.68 | 80.71 | | |
| B.M. N.W. B.P. 31st & National | | | - 9.18 | 71.53 |
| B.M. N.W. B.P. 31st & Logon | | | - 6.76 | 73.75 |
| | | | | 73.95 |

Levels on W. Edge Pavmt.
Rosecrans & Alcott St

3-12-29
middle

44.33 SW. Corner
214

64

18.07 ^{corrected Elev.}

522 Rosecrans
& Xanophon

| | | | | |
|-----|-------|----------------|------|-------|
| AM. | 10.73 | 28.74 | | |
| | 10.38 | 35.67 35.61 | 3.51 | 28.23 |

35.61
0.63
34.98
1.14
42.47

25' S. of S. line Alcott St.

| | | |
|-----------------------------|------|-------|
| W. line emt. pavmt. | 7.67 | 28.00 |
| gutter on Temporary pavmt. | 7.35 | 28.32 |
| W. of Pavmt. = W. emt. edge | 6.65 | 29.02 |

00 = S. Line Alcott. Produced.

| | | |
|---|------|-------|
| W. line emt. pavmt. | 7.23 | 28.47 |
| gutter Temporary pavmt | 6.87 | 28.80 |
| W. of pavmt. = N. End emt. walked 6' sidewalk | 6.17 | 29.50 |

18' N. = S. of Alcott

| | | |
|---------------------|------|-------|
| W. edge emt. pavmt. | 6.79 | 28.88 |
|---------------------|------|-------|

35' N. = of Alcott

| | | |
|--------------------|------|-------|
| W. edge emt. pavmt | 6.31 | 29.36 |
|--------------------|------|-------|

52' N. = N. of Alcott

| | | |
|--------------------|------|-------|
| W. edge emt. pavmt | 5.86 | 29.81 |
|--------------------|------|-------|

70' N. = N. line Alcott

| | | |
|---------------------|------|-------|
| W. edge emt. pavmt. | 5.44 | 30.23 |
|---------------------|------|-------|

| | | |
|-------------------------|------|-------|
| gutter Temporary Pavmt. | 5.41 | 30.26 |
|-------------------------|------|-------|

| | | |
|------------------------------------|------|-------|
| W. of pavmt = S. End emt. sidewalk | 4.67 | 31.00 |
|------------------------------------|------|-------|

25' N

| | | |
|------------------------------|------|-------|
| W. of emt pavmt. = emt. edge | 4.18 | 31.49 |
|------------------------------|------|-------|

| | | |
|-------------------------|------|-------|
| gutter Temporary Pavmt. | 4.87 | 30.80 |
|-------------------------|------|-------|

| | | |
|---------------------|------|-------|
| W. edge emt. pavmt. | 4.98 | 30.69 |
|---------------------|------|-------|

Plotted
3-15-29
T.G.H.

3-16-29 X-section Alley Block 407 -
 J. C. Bliss Helpingstone Add. - 37th to 38th
 Robert Between National & Logan - 16' Wide
 Rainey

B.M. S.E.B.P. 38th + National 76.58

+ 7.15

H.I. 83.73

W.L. 38th = 0+00

| | | |
|--------------------------|------|---------|
| S Tp-existing return | 3.95 | 79.78 |
| G | 4.4 | 79.3 |
| £ | 4.4 | 79.3 |
| G | 3.9 | 79.8 |
| N Tp-existing return | 3.59 | 80.14 |
| | 0+25 | |
| X | 5.4 | 78.3 |
| £ | 5.3 | 78.4 |
| S | 5.1 | 78.6 |
| | 0+37 | |
| 2' Concrete walk at S.L. | 5.20 | 78.53 ✓ |
| | 0+50 | |
| S | 6.1 | 77.6 |
| £ | 6.0 | 77.7 |
| N | 6.1 | 77.6 |
| | 0+75 | |
| N | 6.8 | 76.9 |
| £ | 7.0 | 76.7 |
| S | 7.1 | 76.6 |
| | 1+00 | |
| S | 7.7 | 76.0 |

Plotted 4/1/29 CRH

Note - Sta 1+00 to 1+59 Board fence on South side 1.3' in Alley

65

H.I. 83.73

| | | |
|-------------------------------------|------|---------|
| | 7.6 | 76.1 |
| | 7.8 | 75.9 |
| | 1+25 | |
| | 8.4 | 75.3 |
| | 8.1 | 75.6 |
| | 7.9 | 75.8 |
| | 1+45 | |
| £ 9' Garage 1' Back S.L. | 8.6 | 75.1 ✓ |
| | 1+50 | |
| S | 8.7 | 75.0 |
| £ | 8.8 | 74.9 |
| N | 8.7 | 75.0 |
| | 1+58 | |
| £ 12' Garage 4' Back S.L. | 9.1 | 74.6 ✓ |
| | 1+68 | |
| £ 3.5' Concrete walk 0.2' Back N.L. | 8.73 | 75.00 ✓ |
| | 1+75 | |
| | 9.0 | 74.7 |
| | 9.1 | 74.6 |
| | 8.9 | 74.8 |
| | 2+00 | |
| | 9.5 | 74.2 |
| | 9.5 | 74.2 |
| | 9.4 | 74.3 |

H.I. 8373

T.P. -8.69 75.04

+1.65

H.I. 76.69

2+06

1/10' Garage 12' Back A.K. Dirt Floor 2.0

74.7

2+16

1/12' Garage 12' Back A.K. Dirt Floor 1.7

75.0

2+25

N 2.7

74.0

E 3.1

73.6

S 2.7

74.0

Note - 5 to 2+10 - to 2+65 on South side Fence & sheds about 1' in Alley

2+30

S 3.6

73.1

E 3.5

73.2

N 3.2

73.5

2+75

N 4.7

72.0

E 4.8

71.9

S 4.9

71.8

2+86

1/8' Garage 22' Back 3/4" Concrete Floor 5.01

71.68

3+00

S 6.8

69.9

66

H.I. 76.69

7.2 69.5

6.8 69.9

3+25

7.1 69.0

8.4 68.3 (67.3) ✓

9.4 67.3 (66.3) ✓

9.8 66.9

3+50

10.7 66.0

9.3 67.4

8.3 68.4

7.4 69.3

3+75

7.1 69.6

7.4 69.3

8.3 68.4

9.1 67.0

4+00

8.2 68.5

7.0 69.7

7.3 69.4

6.9 69.8

4+25

7.7 69.0

8.3 68.4

H.I. 76.69

S

9.0

67.7

4+15

Temporary
Corner of Garage setting at angle to Alley is
15' in Alley

4+40

2/4' Garage 14' Back N.E. Concrete Floor 664

70.05 ✓

4+50

S

9.8

669

φ

9.8

669

N

6.7 ?
(8.7)

70.0
(69.0)

4+50 to 64

Temporary Garage about 1' in Alley

4+75

N

10.6

661

φ

11.3

654

S

11.6

651

5+00

S

13.1

63.6

φ

12.6

64.1

N

12.0

64.7

T.P.

-13.11

63.53

+0.11

H.I. 64.52

H.I. 64.52

67

5+20

2/4' Garage 12' Back N.E. Concrete Floor

0.00

64.52 ✓

5+25

N

1.3

63.2

φ

1.6

62.9

S

1.7

62.8

5+50

S

2.9

61.6

φ

2.9

61.6

N

2.6

61.9

5+75

N

4.8

59.7

φ

5.2

59.3

S

5.5

59.0

6+00 = E.L. 37⁷⁵

S-Tp Existing return

8.1

55.71 ✓

G

8.5

56.0

φ

8.6

55.9

G

8.4

56.1

N-Tp existing return

8.34

56.18 ✓

T.P.

-12.00 51.90

+3.41

55.31

S.M. S.W.B.P. - 37⁷⁵ + Natural

-8.41 46.90

46.89

Error .01

6-24-29 X-section Alley Block 20
 C Bliss Terolta - Between Fairmount + 43rd
 Drabert Polk to Orange - 20' wide
 Parner

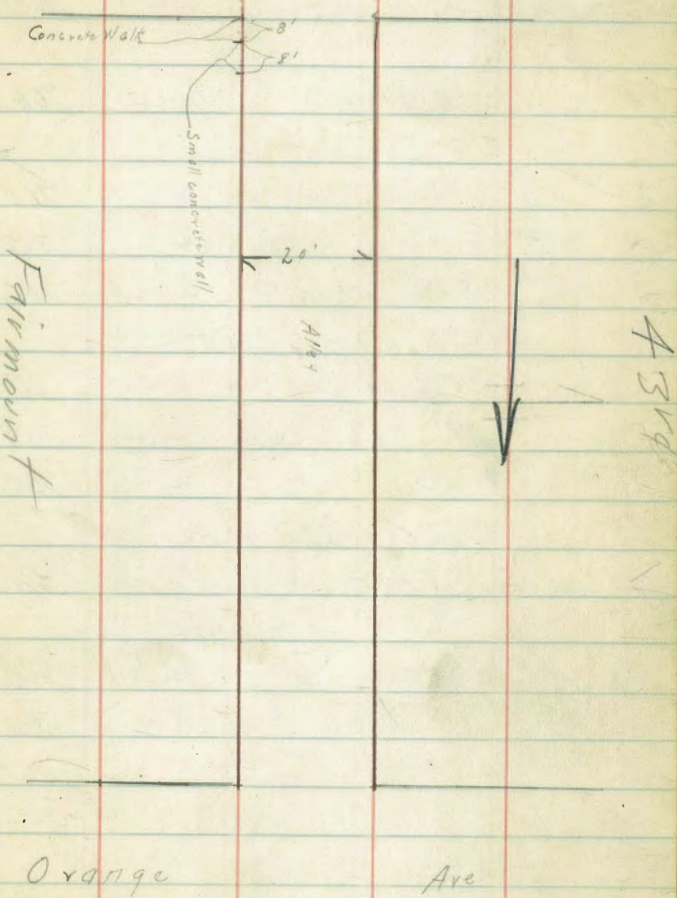
B.N.M.B.P. Fairmount + Polk 359.16
 +526

A.I. 364.42

N.S. Polk = 0+00 = Beginning walk on East

| | | |
|--|------|--------|
| E Top return | 4.82 | 359.60 |
| C. cut | 5.04 | 359.38 |
| R | 4.9 | 359.5 |
| C. cut | 5.05 | 359.37 |
| W-Top return | 4.83 | 359.59 |
| 0+08 - Sketch next page | | |
| End concrete walk on East + base small concrete wall | | |
| Walk - | 4.35 | 360.07 |
| Top wall | 3.92 | 360.50 |
| 0+16 = North end wall | | |
| W | 4.6 | 359.8 |
| R | 4.6 | 359.8 |
| E-Base wall | 4.4 | 360.0 |
| E-Top wall | 3.92 | 360.50 |
| 0+50 | | |
| E | 4.2 | 360.2 |
| R | 4.4 | 360.0 |
| T W | 4.1 | 360.3 |
| 0+75 | | |
| W | 3.8 | 360.6 |
| R | 4.4 | 360.0 |

Plotted 6-29-29
F.G.



π 364.42

E 3.9 360.5
 0+92
 \$8' Garage 7' Back W.L. Concrete Floor 3.75 360.67

0+99
 \$4' Concrete Walk at E.L. 4.32 360.10
 1+00

E 4.4 360.0
 E 4.5 359.9
 W 4.1 360.3

1+25
 W 4.4 360.0
 E 4.5 359.9
 E 4.4 360.0

1+29
 \$8' Garage 5' Back E.L. Concrete Floor 4.33 360.09
 1+50

E 4.5 359.9
 E 4.4 360.0
 W 4.3 360.1

T.P. 4.43 359.99
 + 4.87

π 364.86

1+67
 South edge
 \$20 Double Garage 3' Back E.L. Concrete Floor 4.99 359.87
 North edge 5.04 359.82

#1. 364.86

69

1+75
 W 4.7 360.2
 E 5.0 359.9
 E 5.1 359.8

2+00
 E 4.9 360.0
 E 5.0 359.7
 W 4.9 360.0

2+25
 W 4.9 360.0
 E 5.3 359.6
 E 4.9 359.0 360.0

2+50
 E 5.5 359.4
 E 5.3 359.6
 W 4.7 360.2

2+45
 \$8' Garage at W.L. Dirt Floor 4.5 360.4

2+57
 \$8' Garage at E.L. Concrete Floor 5.12 359.74

2+75
 W 4.5 360.4
 E 4.5 360.3
 E 5.1 359.8

2+80
 \$8' Garage 5' Back W.L. Concrete Floor 4.25 360.63

Yardage
 0.14

T 36486

3700

| | | |
|---|-----|-------|
| E | 4.9 | 360.0 |
| ⊕ | 4.8 | 360.1 |
| W | 4.5 | 360.4 |

3718

| | | |
|-------------------------------------|-----|--------|
| ⊕ 8' Garage at W.H. Concrete Floor | 4.7 | 360.69 |
| ⊕ 8' Garage 8' Back E.H. Dirt Floor | 5.0 | 359.9 |

3725

| | | |
|---|-----|-------|
| W | 4.4 | 360.5 |
| ⊕ | 4.6 | 360.3 |
| E | 5.0 | 359.9 |

3740

| | | |
|--------------------------------------|-----|-------|
| ⊕ 8' Garage 10' Back W.H. Dirt Floor | 4.5 | 360.4 |
|--------------------------------------|-----|-------|

3748

| | | |
|--------------------------------------|-----|-------|
| ⊕ 8' Garage 10' Back W.H. Dirt Floor | 4.3 | 360.6 |
|--------------------------------------|-----|-------|

3750

| | | |
|---|------|--------|
| ⊕ 8' Garage 6' Back E.H. Concrete Floor | 4.33 | 360.53 |
|---|------|--------|

| | | |
|---|-----|-------|
| E | 4.5 | 360.4 |
|---|-----|-------|

| | | |
|---|-----|-------|
| ⊕ | 4.3 | 360.6 |
|---|-----|-------|

| | | |
|---|-----|-------|
| W | 4.4 | 360.5 |
|---|-----|-------|

3775

| | | |
|---|-----|-------|
| W | 4.0 | 360.9 |
|---|-----|-------|

| | | |
|---|-----|-------|
| ⊕ | 4.2 | 360.7 |
|---|-----|-------|

| | | |
|---|-----|-------|
| E | 4.3 | 360.6 |
|---|-----|-------|

T 36486

4400

| | | |
|---|-----|-------|
| E | 3.6 | 361.3 |
| ⊕ | 3.8 | 361.1 |
| W | 4.0 | 360.9 |

T.P.

-3.73 361.13 ✓

4659

41. 367.7 ✓

4419

| | | |
|-------------------------------------|-----|-------|
| ⊕ 8' Garage 6' Back W.H. Dirt Floor | 6.3 | 361.4 |
|-------------------------------------|-----|-------|

4425

| | | |
|---|-----|-------|
| W | 6.3 | 361.4 |
|---|-----|-------|

| | | |
|---|-----|-------|
| ⊕ | 6.1 | 361.6 |
|---|-----|-------|

| | | |
|---|-----|-------|
| E | 5.7 | 362.0 |
|---|-----|-------|

4450

| | | |
|---|-----|-------|
| E | 5.2 | 362.5 |
|---|-----|-------|

| | | |
|---|-----|-------|
| ⊕ | 5.0 | 362.7 |
|---|-----|-------|

| | | |
|----|-----|-------|
| +5 | 4.7 | 363.0 |
|----|-----|-------|

| | | |
|---|-----|-------|
| W | 4.0 | 363.7 |
|---|-----|-------|

4475

| | | |
|---|-----|-------|
| W | 4.2 | 363.5 |
|---|-----|-------|

| | | |
|----|-----|-------|
| +5 | 3.2 | 364.5 |
|----|-----|-------|

| | | |
|----|-----|-------|
| +8 | 4.3 | 363.4 |
|----|-----|-------|

| | | |
|---|-----|-------|
| ⊕ | 4.0 | 363.7 |
|---|-----|-------|

| | | |
|---|-----|-------|
| E | 4.3 | 363.4 |
|---|-----|-------|

70

367.72

5+00

| | | |
|----|-----|-------|
| E | 4.2 | 363.5 |
| Q | 3.8 | 363.9 |
| 43 | 3.9 | 363.8 |
| 45 | 2.9 | 364.8 |
| W. | 38. | 363.9 |

5+25

| | | |
|---|-----|-------|
| W | 40 | 363.7 |
| Q | 4.2 | 363.5 |
| E | 44 | 363.3 |

5+37

| | | |
|----------------------------------|-----|-------|
| Q Garage 1' Back E.h. Dist Floor | 4.3 | 363.4 |
|----------------------------------|-----|-------|

5+60

| | | |
|---|-----|-------|
| E | 4.5 | 363.2 |
| Q | 4.2 | 363.5 |
| N | 43 | 363.4 |

5+76 ⁸² = S.L. Orange

| | | |
|---|-----|-------|
| W | 7.8 | 359.9 |
| Q | 7.7 | 360.0 |
| E | 8.1 | 359.6 |

S.L. Orange 47

| | | |
|-----------------------|------|--------|
| E Top existing return | 8.18 | 359.54 |
| G | 8.2 | 359.5 |
| Q | 8.4 | 359.3 |
| G | 8.1 | 359.6 |
| W Top existing return | 8.08 | 359.64 |

367.72

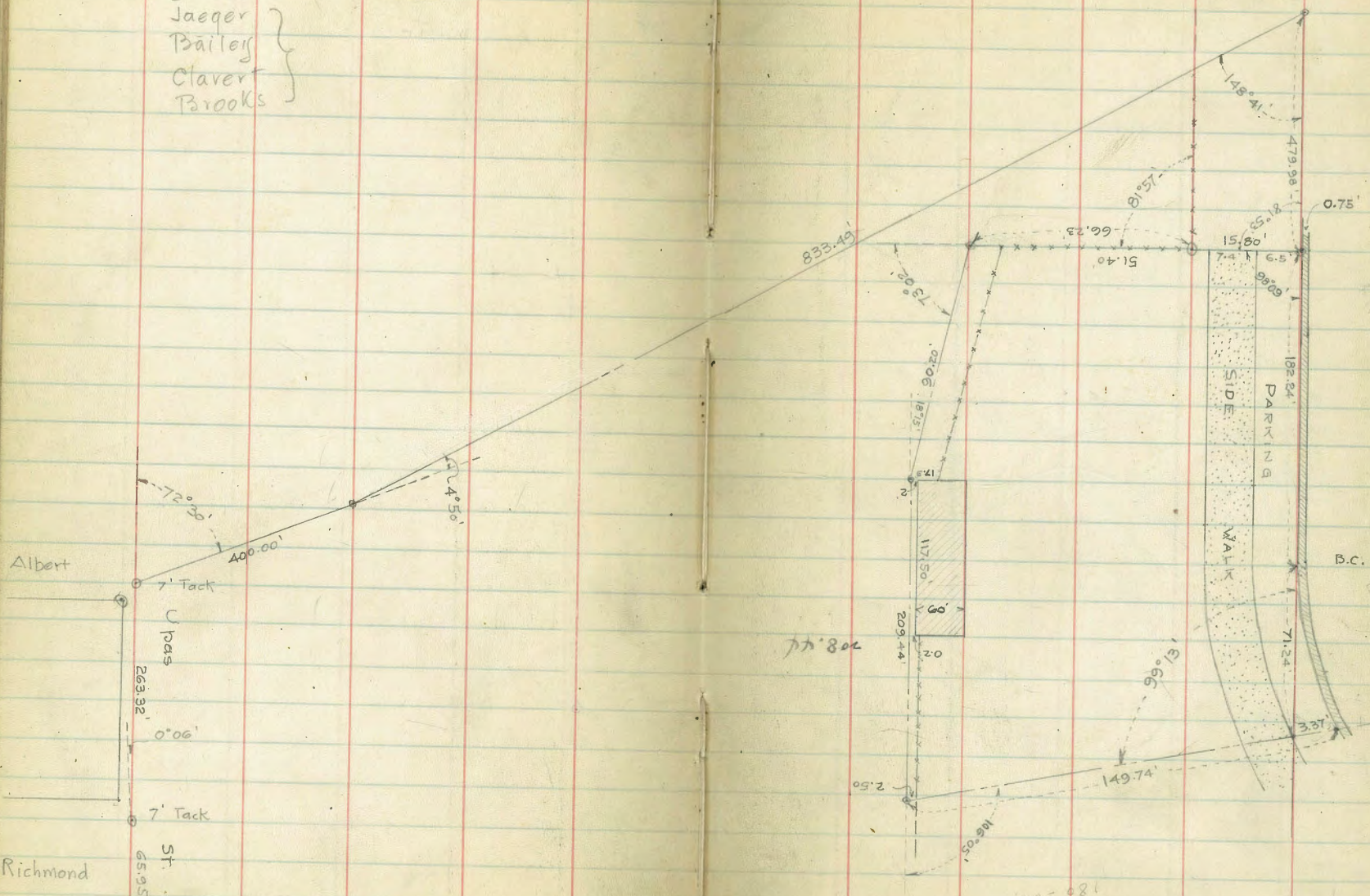
71

B.M. N.W. B.P. Fairmount + Orange - 9.27 358.45
Correct 358.45

73

Survey of Parcel of Land for
O'Rourke Zoological Society.

Jaeger }
Bailey }
Claver }
Brooks }



72.802

20-81
60-86
23-18
60-86
20-81
27-81
60-86
23-18
27-81

Madison

Ave

8-13-29
J.C. Bliss
Dreber
Raney

X-section Delaware St. Madison
South - 60' wide - 10' cbs - 10' / 45
Re Cross Sec. Page 78

75

B.M. S.W.B. P. Delaware x Madison

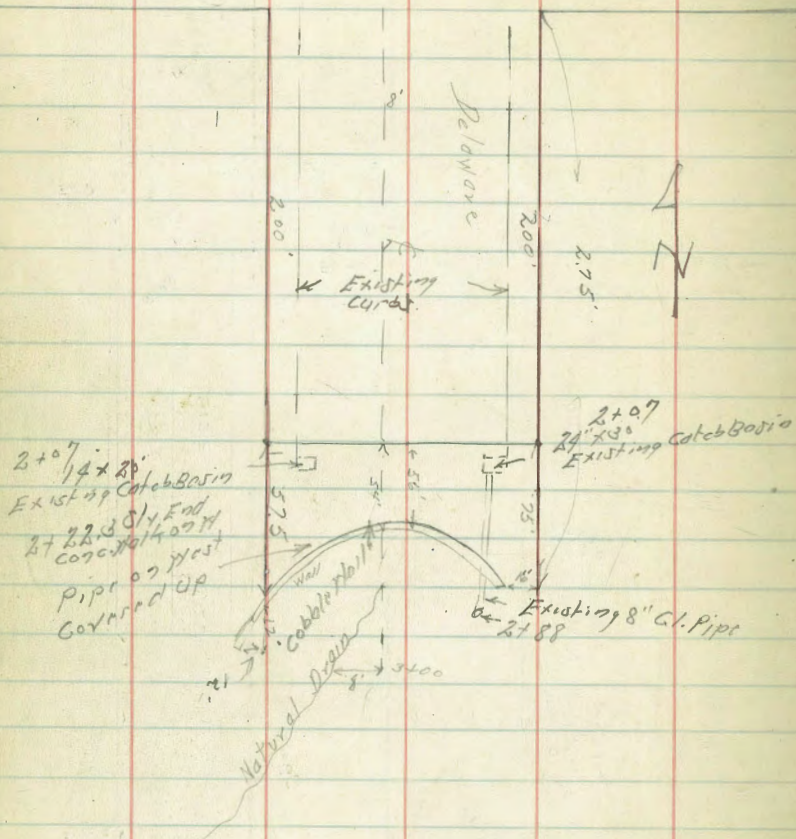
343.44

0.88 T 344.32

S.L. Madison = 0+00 - Existing paving

| | | |
|--------|-------|--------|
| W Tpcb | 0.84 | 343.48 |
| G | 1.32 | 342.00 |
| 1/4 | 0.72 | |
| ♀ | 0.43 | 343.89 |
| 1/4 | 0.62 | |
| G | 1.08 | 343.24 |
| E Tpcb | 0.37 | 343.95 |
| | 0.425 | |
| E Tpcb | 0.92 | 343.40 |
| G | 1.7 | |
| 1/4 | 1.6 | |
| ♀ | 1.4 | 342.9 |
| 1/4 | 1.7 | |
| G | 2.2 | |
| W Tpcb | 1.38 | 342.92 |
| | 0.450 | |
| W Tpcb | 1.85 | 342.47 |
| G | 2.5 | |
| 1/4 | 2.3 | |
| ♀ | 1.9 | 342.4 |
| 1/4 | 2.0 | |
| G | 1.9 | |

Plotted 8-29-29 CBH



T 344.32

| | | |
|--------|------|--------|
| E Tpcb | 1.38 | 342.94 |
| | 0.25 | |
| E Tpcb | 1.75 | 342.57 |
| G | 2.4 | |
| 1/4 | 2.5 | |
| ⊕ | 2.3 | 342.0 |
| 1/4 | 2.8 | |
| G | 3.0 | |
| W Tpcb | 2.30 | 342.02 |
| | 1.00 | |
| W Tpcb | 2.82 | 341.50 |
| G | 3.5 | |
| 1/4 | 3.3 | |
| ⊕ | 2.7 | 341.6 |
| 1/4 | 3.0 | |
| G | 3.0 | |
| E Tpcb | 2.33 | 341.99 |
| | 1.25 | |
| E Tpcb | 2.80 | 341.52 |
| G | 3.3 | |
| 1/4 | 3.4 | |
| ⊕ | 3.2 | 341.1 |
| 1/4 | 3.7 | |
| G | 3.9 | |
| W Tpcb | 3.30 | 341.02 |

T 344.32

76

| | | |
|--------|------|--------|
| | 1.50 | |
| W Tpcb | 3.80 | 340.50 |
| G | 4.4 | |
| 1/4 | 4.2 | |
| ⊕ | 3.7 | 340.6 |
| 1/4 | 4.1 | |
| G | 3.8 | |
| E Tpcb | 3.31 | 341.01 |
| | 1.75 | |
| E Tpcb | 3.80 | 340.52 |
| G | 4.3 | |
| 1/4 | 4.4 | |
| ⊕ | 4.2 | 340.1 |
| 1/4 | 4.6 | |
| G | 4.8 | |
| W Tpcb | 4.35 | 339.97 |
| | 2.00 | |
| W Tpcb | 4.86 | 339.46 |
| G | 5.3 | |
| 1/4 | 5.2 | |
| ⊕ | 4.7 | 339.6 |
| 1/4 | 4.8 | |
| G | 5.0 | |
| E Tpcb | 4.42 | 339.90 |

T 344.32

2109 - Gutter enters existing catch basins

| | | |
|-------------------------|------|--------|
| E Tpcb | 4.74 | 339.58 |
| G - Grating catch basin | 5.38 | 338.94 |
| 1/4 | 5.0 | |
| ♀ | 4.9 | 339.4 |
| 1/4 | 5.3 | |
| G - Grating catch basin | 5.86 | 338.46 |
| W Tpcb | 5.41 | 338.91 |

Existing cb ends at 2109

| | | |
|--------|------|--------|
| W Tpcb | 5.53 | 338.79 |
| ETpcb | 4.80 | 339.52 |

Taken separately

| | | |
|-----|-----|-------|
| W | 6.4 | 337.9 |
| cb | 6.7 | |
| 1/4 | 6.4 | |
| ♀ | 6.0 | 338.3 |
| 1/4 | 5.9 | |
| cb | 5.8 | |
| E | 5.1 | 339.2 |

2150

| | | |
|-----|-----|-------|
| E | 7.2 | 337.1 |
| cb | 7.9 | |
| 1/4 | 8.2 | |
| ♀ | 8.5 | 335.8 |
| 1/4 | 9.1 | |
| cb | 9.3 | |
| W | 9.7 | 334.6 |

T 344.32

77

Levels on Wall

| | | |
|--------------------------|-------|--------|
| Intersection W. Delaware | 10.33 | 333.99 |
| " " " " | 9.29 | 335.03 |
| S.E. end wall | 10.21 | 334.11 |
| See sketch - Page 75 | | |

Profile Levels for culvert on line 8' West of ♀ Delaware

| | |
|--|------|
| Top Wall | 9.30 |
| Base Wall - 2+54 | 15.4 |
| 2+56 | 15.6 |
| 2+59 = flowline tin pipe connected with existing 10" concrete pipe thru wall | 19.0 |
| 2+75 = In Water course | 25.4 |
| 3+00 | 33.4 |
| 8' West of 3+00 - In Water course | 37.0 |

Delaware St. Cross Section
Madison Ave South

indexed
C.S.K.

See Sketch Page 95

B.M. 322 346.66 347.44
SL Madison = on Sly. Paving

S.W. B.P.
Madison +
Delaware

W Top Cb 3.19
Gutter on Pav 3.66
Z " " 2.80
Gutter " " 3.36
E Top Cb 2.67

0+25

E Top Cb 3.22
Gutter 3.8
Z 3.8
Gutter 4.6
W Top Cb 3.73

0+50

W Top Cb 4.24
Gutter 4.8
Z 4.4
Gutter 4.3
E Top Cb 3.69

0+75

E Top Cb 4.11
Gutter 4.9
Z 4.6
Gutter 5.3
W Top Cb 4.65

346.66

Nov. 14 1888
S. S. 807
Northboro 70

1+0

W Top Cb 5.16
Gutter 5.8
Z 5.1
Gutter 5.5
E Top Cb 4.67

1+25

E Top Cb 5.15
Gutter 5.9
Z 5.6
Gutter 6.2
W Top Cb 5.67

1+50

W Top Cb 6.20
Gutter 6.9
Z 6.1
Gutter 6.6
E Top Cb 5.66

1+75

E Top Cb 6.16
Gutter 6.9
Z 6.6
Gutter 7.2
W Top Cb 6.72

346.66

2+0

| | |
|---------|------|
| W TopCb | 7.20 |
| Gutter | 8.0 |
| L | 7.1 |
| Gutter | 7.5 |
| E TopCb | 6.75 |

2+07 Gutter End of Existing Catch Basin

| | |
|-------------------|------|
| E TopCb | 7.08 |
| Gutter on Grating | 7.73 |
| L | 7.3 |
| Gutter on Grating | 8.23 |
| W TopCb | 7.84 |

2+09 = Sdy End of Existing Corbr E/W

| | |
|------------------------------------|------|
| W TopCb End | 7.98 |
| Gutter on Head Wall C.B. | 8.11 |
| Flow Line Catch Basin 6" Pipe | 7.68 |
| L | 7.5 |
| Gutter on Head Wall Catch Basin | 7.27 |
| Flow Line Catch Basin 8" C.I. Pipe | 8.80 |
| E TopCb End. | 7.15 |

2+20

| | |
|-----------------------|------|
| E.L. | 7.2 |
| Cb | 7.7 |
| L | 8.1 |
| Cb | 8.7 |
| + 5 = 2' 4" Walk Conc | 8.55 |

346.66

79

| | | | | |
|------|------|--------|------|--------|
| W.L. | 8.5 | | | |
| TP | 2.28 | 346.32 | 8.62 | 338.04 |
| | | 2+53 | | |

| | |
|---------------------|------|
| W.L. | 5.8 |
| Cb. Top Cobble Wall | 59.3 |
| 1/4 " " " | 55.2 |
| L | 4.8 |
| Cb | 4.2 |
| E.L. | 3.2 |

2+57.5

| | |
|-----------------------|------|
| E.L. | 3.4 |
| Cb | 4.6 |
| 1/4 | 5.0 |
| + 7 = Top Cobble Wall | 55.5 |
| + 8 = Base " " | 11.1 |
| L | 11.3 |
| 1/4 | 13.3 |
| Cb | 11.2 |
| + 9 Base Cobble Wall | 11.1 |
| W.L. = Top " " | 6.40 |

2+75

| | |
|------|------|
| W.L. | 18.5 |
| Cb | 21.8 |
| 1/4 | 21.5 |
| L | 19.0 |
| 1/4 | 12.4 |

840.32

| | |
|-----------------------|------|
| 74 = Base Cobble Wall | 115 |
| 75 - Top " " | 6.20 |
| C6 | 6.0 |
| EL | 54 |

2 + 88 = 514 Feet 8" G.I. Pipe

| | |
|------------------------|-------|
| 4 ft of F.C. 6.100 = | 11.11 |
| Flow 4.70 8" G.I. Pipe | |

DIRECTIONS FOR USE OF TABLES

TABLE No. 1.

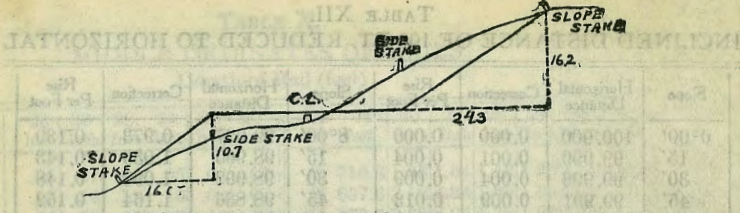
Distance of slope stake from side or shoulder stake for any width roadway, slope 1/2 to 1. If ground is nearly level, the cut or fill at side stake is located by the double entry method in left column and top row. The number in body

of table in same row and column gives distance from side stake to slope stake. If ground is not nearly level, the side stake and slope stake, lower target by the amount of cut, elevation of 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 necessary.

**IMPROVED TABLES
AND
INFORMATION**

TABLE No. 2.

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



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING

SLOPE 1 1/2 TO 1. ROADWAY OF ANY WIDTH.

- C
- 0-1
- 0-20 17.
- 0-40 8
- 1-0 5
- 1-20 4
- 1-40 3
- 2-0 2
- 2-20 2
- 2-40 2
- 3-0 1
- 3-20 1
- 3-40 1
- 4-0 1
- 4-20 1
- 4-40 1
- 5
- 6
- 7

| | 0 | .1 | .2 | .3 | .4 | .5 | .6 | .7 | .8 | .9 | |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| 0 | 0 00 | 0 15 | 0 30 | 0 45 | 0 60 | 0 75 | 0 90 | 1 05 | 1 20 | 1 35 | 0 |
| 1 | 1 50 | 1 65 | 1 80 | 1 95 | 2 10 | 2 25 | 2 40 | 2 55 | 2 70 | 2 85 | 1 |
| 2 | 3 00 | 3 15 | 3 30 | 3 45 | 3 60 | 3 75 | 3 90 | 4 05 | 4 20 | 4 35 | 2 |
| 3 | 4 50 | 4 65 | 4 80 | 4 95 | 5 10 | 5 25 | 5 40 | 5 55 | 5 70 | 5 85 | 3 |
| 4 | 6 00 | 6 15 | 6 30 | 6 45 | 6 60 | 6 75 | 6 90 | 7 05 | 7 20 | 7 35 | 4 |
| 5 | 7 50 | 7 65 | 7 80 | 7 95 | 8 10 | 8 25 | 8 40 | 8 55 | 8 70 | 8 85 | 5 |
| 6 | 9 00 | 9 15 | 9 30 | 9 45 | 9 60 | 9 75 | 9 90 | 10 05 | 10 20 | 10 35 | 6 |
| 7 | 10 50 | 10 65 | 10 80 | 10 95 | 11 10 | 11 25 | 11 40 | 11 55 | 11 70 | 11 85 | 7 |
| 8 | 12 00 | 12 15 | 12 30 | 12 45 | 12 60 | 12 75 | 12 90 | 13 05 | 13 20 | 13 35 | 8 |
| 9 | 13 50 | 13 65 | 13 80 | 13 95 | 14 10 | 14 25 | 14 40 | 14 55 | 14 70 | 14 85 | 9 |
| 10 | 15 00 | 15 15 | 15 30 | 15 45 | 15 60 | 15 75 | 15 90 | 16 05 | 16 20 | 16 35 | 10 |
| 11 | 16 50 | 16 65 | 16 80 | 16 95 | 17 10 | 17 25 | 17 40 | 17 55 | 17 70 | 17 85 | 11 |
| 12 | 18 00 | 18 15 | 18 30 | 18 45 | 18 60 | 18 75 | 18 90 | 19 05 | 19 20 | 19 35 | 12 |
| 13 | 19 50 | 19 65 | 19 80 | 19 95 | 20 10 | 20 25 | 20 40 | 20 55 | 20 70 | 20 85 | 13 |
| 14 | 21 00 | 21 15 | 21 30 | 21 45 | 21 60 | 21 75 | 21 90 | 22 05 | 22 20 | 22 35 | 14 |
| 15 | 22 50 | 22 65 | 22 80 | 22 95 | 23 10 | 23 25 | 23 40 | 23 55 | 23 70 | 23 85 | 15 |
| 16 | 24 00 | 24 15 | 24 30 | 24 45 | 24 60 | 24 75 | 24 90 | 25 05 | 25 20 | 25 35 | 16 |
| 17 | 25 50 | 25 65 | 25 80 | 25 95 | 26 10 | 26 25 | 26 40 | 26 55 | 26 70 | 26 85 | 17 |
| 18 | 27 00 | 27 15 | 27 30 | 27 45 | 27 60 | 27 75 | 27 90 | 28 05 | 28 20 | 28 35 | 18 |
| 19 | 28 50 | 28 65 | 28 80 | 28 95 | 29 10 | 29 25 | 29 40 | 29 55 | 29 70 | 29 85 | 19 |
| 20 | 30 00 | 30 15 | 30 30 | 30 45 | 30 60 | 30 75 | 30 90 | 31 05 | 31 20 | 31 35 | 20 |
| 21 | 31 50 | 31 65 | 31 80 | 31 95 | 32 10 | 32 25 | 32 40 | 32 55 | 32 70 | 32 85 | 21 |
| 22 | 33 00 | 33 15 | 33 30 | 33 45 | 33 60 | 33 75 | 33 90 | 34 05 | 34 20 | 34 35 | 22 |
| 23 | 34 50 | 34 65 | 34 80 | 34 95 | 35 10 | 35 25 | 35 40 | 35 55 | 35 70 | 35 85 | 23 |
| 24 | 36 00 | 36 15 | 36 30 | 36 45 | 36 60 | 36 75 | 36 90 | 37 05 | 37 20 | 37 35 | 24 |
| 25 | 37 50 | 37 65 | 37 80 | 37 95 | 38 10 | 38 25 | 38 40 | 38 55 | 38 70 | 38 85 | 25 |
| 26 | 39 00 | 39 15 | 39 30 | 39 45 | 39 60 | 39 75 | 39 90 | 40 05 | 40 20 | 40 35 | 26 |
| 27 | 40 50 | 40 65 | 40 80 | 40 95 | 41 10 | 41 25 | 41 40 | 41 55 | 41 70 | 41 85 | 27 |
| 28 | 42 00 | 42 15 | 42 30 | 42 45 | 42 60 | 42 75 | 42 90 | 43 05 | 43 20 | 43 35 | 28 |
| 29 | 43 50 | 43 65 | 43 80 | 43 95 | 44 10 | 44 25 | 44 40 | 44 55 | 44 70 | 44 85 | 29 |
| 30 | 45 00 | 45 15 | 45 30 | 45 45 | 45 60 | 45 75 | 45 90 | 46 05 | 46 20 | 46 35 | 30 |
| 31 | 46 50 | 46 65 | 46 80 | 46 95 | 47 10 | 47 25 | 47 40 | 47 55 | 47 70 | 47 85 | 31 |
| 32 | 48 00 | 48 15 | 48 30 | 48 45 | 48 60 | 48 75 | 48 90 | 49 05 | 49 20 | 49 35 | 32 |
| 33 | 49 50 | 49 65 | 49 80 | 49 95 | 50 10 | 50 25 | 50 40 | 50 55 | 50 70 | 50 85 | 33 |
| 34 | 51 00 | 51 15 | 51 30 | 51 45 | 51 60 | 51 75 | 51 90 | 52 05 | 52 20 | 52 35 | 34 |
| 35 | 52 50 | 52 65 | 52 80 | 52 95 | 53 10 | 53 25 | 53 40 | 53 55 | 53 70 | 53 85 | 35 |
| 36 | 54 00 | 54 15 | 54 30 | 54 45 | 54 60 | 54 75 | 54 90 | 55 05 | 55 20 | 55 35 | 36 |
| 37 | 55 50 | 55 65 | 55 80 | 55 95 | 56 10 | 56 25 | 56 40 | 56 55 | 56 70 | 56 85 | 37 |
| 38 | 57 00 | 57 15 | 57 30 | 57 45 | 57 60 | 57 75 | 57 90 | 58 05 | 58 20 | 58 35 | 38 |
| 39 | 58 50 | 58 65 | 58 80 | 58 95 | 59 10 | 59 25 | 59 40 | 59 55 | 59 70 | 59 85 | 39 |
| 40 | 60 00 | 60 15 | 60 30 | 60 45 | 60 60 | 60 75 | 60 90 | 61 05 | 61 20 | 61 35 | 40 |
| 41 | 61 50 | 61 65 | 61 80 | 61 95 | 62 10 | 62 25 | 62 40 | 62 55 | 62 70 | 62 85 | 41 |
| 42 | 63 00 | 63 15 | 63 30 | 63 45 | 63 60 | 63 75 | 63 90 | 64 05 | 64 20 | 64 35 | 42 |
| 43 | 64 50 | 64 65 | 64 80 | 64 95 | 65 10 | 65 25 | 65 40 | 65 55 | 65 70 | 65 85 | 43 |
| 44 | 66 00 | 66 15 | 66 30 | 66 45 | 66 60 | 66 75 | 66 90 | 67 05 | 67 20 | 67 35 | 44 |
| 45 | 67 50 | 67 65 | 67 80 | 67 95 | 68 10 | 68 25 | 68 40 | 68 55 | 68 70 | 68 85 | 45 |
| 46 | 69 00 | 69 15 | 69 30 | 69 45 | 69 60 | 69 75 | 69 90 | 70 05 | 70 20 | 70 35 | 46 |
| 47 | 70 50 | 70 65 | 70 80 | 70 95 | 71 10 | 71 25 | 71 40 | 71 55 | 71 70 | 71 85 | 47 |
| 48 | 72 00 | 72 15 | 72 30 | 72 45 | 72 60 | 72 75 | 72 90 | 73 05 | 73 20 | 73 35 | 48 |
| 49 | 73 50 | 73 65 | 73 80 | 73 95 | 74 10 | 74 25 | 74 40 | 74 55 | 74 70 | 74 85 | 49 |
| 50 | 75 00 | 75 15 | 75 30 | 75 45 | 75 60 | 75 75 | 75 90 | 76 05 | 76 20 | 76 35 | 50 |

Computed by L. Leland Locke.

10.66
4.41
15.07

To find

80.64

299.93

80.00

30w.69

80
32
4548

ENGINEERING DEPARTMENT,
CITY OF CALIFORNIA,
SAN DIEGO.

598.48

601.52

61.81

52.83

71.81

71.00

74.80
+ 59.85
58.55
+ 59.85
319.70

13.21

2.00

12.51

Myrtle & Arizona S.E.B.P. 273.38
" " Wild Terrace N.W. " 300.01
Madison & Delaware S.W. " 343.44

70.89

+ 7.13

78.02

- 6.28

71.74

+ 2.90

74.64

- 12.58

62.06

- 0.94

63.00

- 13.08

49.92

+ 1.49

51.41

- 12.03

39.38

+ 0.68

40.06

- 2.87

37.19

5.10

42.29

11.24

31.05

+ 0.85

31.90

- 12.34

19.56

+ 9.59

29.15

- 0.07

29.08

29.15

- 0.82

28.33

12.38

40.71

- 0.58

40.13

+ 12.99

53.12

2.09

51.03

29.12

11.85

40.97

1.10

40.87

7.84

48.71

7.44

41.27

1.00

42.27

12.20

30.07

4.73

34.80

12.25

22.55

3.05

25.60

- 0.41

25.19

+ 8.35

33.54

- 2.34

31.20

41.49

+ 0.79

42.28

- 0.81

41.47

11.75

53.22

- 0.76

52.46

12.98

65.44

- 2.64

62.80

+ 2.12

64.92

- 13.12

51.80

+ 1.98

53.78

11.92

41.86

+ 2.29

44.15

5.24

38.91