City Engineers Office
City Hall, San Diego, Cal.

# 400 LEVEL

F.B.397

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*Table showing the difference of latitude and departure in running 80 chains at any course from 1 to 60 minutes.*

| MINUTES. | LKS. | MINUTES. | LKS. | MINUTES. | LKS. |
|---|---|---|---|---|---|
| 1 | 2⅓ | 21 | 49 | 41 | 95⅔ |
| 2 | 4⅔ | 22 | 51⅓ | 42 | 98 |
| 3 | 7 | 23 | 53⅔ | 43 | 100⅓ |
| 4 | 9⅓ | 24 | 56 | 44 | 102⅔ |
| 5 | 11⅔ | 25 | 58⅓ | 45 | 105 |
| 6 | 14 | 26 | 60⅔ | 46 | 107⅓ |
| 7 | 16⅓ | 27 | 63 | 47 | 109⅔ |
| 8 | 18⅔ | 28 | 65⅓ | 48 | 112 |
| 9 | 21 | 29 | 67⅔ | 49 | 114⅓ |
| 10 | 23⅓ | 30 | 70 | 50 | 116⅔ |
| 11 | 25⅔ | 31 | 72⅓ | 51 | 119 |
| 12 | 28 | 32 | 74⅔ | 52 | 121⅓ |
| 13 | 30⅓ | 33 | 77 | 53 | 123⅔ |
| 14 | 32⅔ | 34 | 79⅓ | 54 | 126 |
| 15 | 35 | 35 | 81⅔ | 55 | 128⅓ |
| 16 | 37⅓ | 36 | 84 | 56 | 130⅓ |
| 17 | 39⅔ | 37 | 86⅓ | 57 | 133 |
| 18 | 42 | 38 | 88⅔ | 58 | 135⅓ |
| 19 | 44⅓ | 39 | 91 | 59 | 137⅔ |
| 20 | 46⅔ | 40 | 93⅓ | 60 | 140 |

Return to City Engineers Office City Hall, San Diego, Cal.
MICROFILMED DEC 1 0 1964

## TABLE FOR RUNNING ON SLOPES.

*In the following table the first column shows the angle, the second the number of links to be added to a chain on the slopes, to make one chain, horizontal measurement.*

| ANGLE | COR. IN LINKS | ANGLE | COR. IN LINKS | ANGLE | COR. IN LINKS | ANGLE | COR. IN LINKS |
|---|---|---|---|---|---|---|---|
| ° | | ° | | ° | | ° | |
| 4 | 0.24 | 11 | 1.88 | 18 | 5.14 | 25 | 10.54 |
| 5 | 0.38 | 12 | 2.24 | 19 | 5.76 | 26 | 11.26 |
| 6 | 0.55 | 13 | 2.63 | 20 | 6.42 | 27 | 12.24 |
| 7 | 0.76 | 14 | 3.06 | 21 | 7.11 | 28 | 13.37 |
| 8 | 0.98 | 15 | 3.53 | 22 | 7.85 | 29 | 14.34 |
| 9 | 1.24 | 16 | 4.02 | 23 | 8.64 | 30 | 15.47 |
| 10 | 1.55 | 17 | 4.56 | 24 | 9.47 | 35 | 22.07 |

Crocker Quality

# LEVEL BOOK

No. 400

COMMUNI CONSENSU PRIMO TRADE MARK

MANUFACTURED BY

A. S. Crocker Co.

SAN FRANCISCO
and
SACRAMENTO

x-section "F" st for paving continued from book 472 Page 77

1

4/9/10 Dunker Shaw Evans

121.39

W. curb 21st St

| | |
|---|---|
| S.L. | 4.0 |
| crb | 3.9 |
| 1/4 | 3.6 |
| +11 | 3.3 |
| +13 | 3.3 |
| +18 | 3.3 |
| +20 | 3.2 |
| M | 3.2 |
| 1/4 | 3.4 |
| crb | 3.5 |
| N.L. | 3.8 |

W 1/4

| | |
|---|---|
| N.L. | 3.7 |
| crb | 3.3 |
| 1/4 | 3.2 |
| M | 3.0 |
| +1 | 3.0 |
| +3 | 3.2 |
| +8 | 3.2 |
| +10 | 3.2 |
| 1/4 | 3.5 |
| crb | 3.6 |
| S.L. | 3.6 |

121.39

Center

| | |
|---|---|
| S.L1 | 3.5 |
| crb | 2.8 |
| "4 | 2.7 |
| +1 | 2.8 |
| +3 | 3.0 |
| +8 | 3.0 |
| +20 | 2.8 |
| M | 2.8 |
| "4 | 2.5 |
| crb | 2.5 |
| N.L1 | 2.6 |

E "4

| | |
|---|---|
| N.L1 | 2.4 |
| crb | 2.0 |
| "4 | 2.0 |
| M | 2.3 |
| +1 | 2.3 |
| +3 | 2.6 |
| +8 | 2.6 |
| +10 | 2.4 |
| "4 | 2.3 |
| crb | 2.3 |
| S.L1 | 2.5 |



E. curb

| | |
|---|---|
| S.L1 | 2.5 |
| crb | 2.3 |
| "4 | 2.2 |
| +1 | 2.5 |
| +3 | 2.5 |
| +8 | 2.5 |
| +20 | 2.2 |
| M | 2.2 |
| "4 | 1.9 |
| crb | 2.1 |
| N.L1 | 2.4 |

E.L. 21st St =

| | |
|---|---|
| N. crb | 2.0 |
| gtr | 2.1 |
| "4 | 1.5 |
| M | 1.7 |
| +1 | 1.7 |
| +3 | 1.8 |
| +8 | 1.8 |
| +10 | 1.8 |
| "4 | 1.8 |
| gtr | 1.8 |
| S. crb | 1.9 |

| | | | | |
|---|---|---|---|---|
| T.P. | 12.33 | 132.86 | 0.86 | 120.53 |

132.86

0+25 E

| | |
|---|---|
| S. Crk | 11.0 |
| gte | 11.8 |
| "4 | 11.6 |
| +11 | 11.4 |
| +13 | 11.3 |
| +15 | 11.3 |
| +20 | 11.5 |
| M | 11.5 |
| "4 | 11.4 |
| gte | 12.0 |
| N. Crk | 11.2 |

0+50

| | |
|---|---|
| N. Crk | 8.7 |
| gte | 9.7 |
| "4 | 9.0 |
| M | 8.9 |
| +1 | 8.9 |
| +3 | 8.7 |
| +8 | 8.7 |
| +10 | 8.9 |
| "4 | 9.3 |
| gte | 9.4 |
| S. Crk | 8.7 |



0+75

| | |
|---|---|
| S. Crk | 6.4 |
| gte | 7.3 |
| "4 | 7.0 |
| +11 | 6.5 |
| +13 | 6.3 |
| +18 | 6.3 |
| +20 | 6.9 |
| M | 6.4 |
| "4 | 6.9 |
| gte | 7.1 |
| N. Crk | 6.4 |

1+0

| | |
|---|---|
| N. Crk | 4.0 |
| gte | 4.9 |
| "4 | 4.3 |
| M | 4.1 |
| +1 | 4.1 |
| +3 | 4.0 |
| +8 | 4.0 |
| +10 | 4.1 |
| "4 | 4.6 |
| gte | 4.7 |
| S. Crk | 3.9 |

| | | | | |
|---|---|---|---|---|
| | | 132.56 | | |
| | | 1+75 | | |
| S. crb | | | 1.6 | |
| gtr | | | 2.3 | |
| "4 | | | 2.3 | |
| +11 | | | 1.6 | |
| +13 | | | 1.5 | |
| +18 | | | 1.5 | |
| +20 | | | 1.4 | |
| M | | | 1.4 | |
| "4 | | | 2.0 | |
| gtr | | | 2.3 | |
| N. crb | | | 1.6 | |
| T. P. | 9.03 | 141.59 | 0.30 | 132.56 |
| | | 1+50 | | |
| N. crb | | | 8.0 | |
| gtr | | | 9.0 | |
| "4 | | | 8.3 | |
| M | | | 7.9 | |
| +1 | | | 7.9 | |
| +3 | | | 7.9 | |
| +8 | | | 7.9 | |
| +10 | | | 8.1 | |
| "4 | | | 8.6 | |
| gtr | | | 9.0 | |
| S. crb | | | 8.0 | |

| | | | | |
|---|---|---|---|---|
| | | 1+75 | | |
| S. crb | | | 5.6 | |
| gtr | | | 6.6 | |
| "4 | | | 6.2 | |
| +11 | | | 5.7 | |
| +13 | | | 5.5 | |
| +18 | | | 5.5 | |
| +20 | | | 5.6 | |
| M | | | 5.6 | |
| "4 | | | 6.0 | |
| gtr | | | 6.2 | |
| N. crb | | | 5.6 | |
| | | 2+0 = W.L. 22nd of 80' | | |
| N. crb | | | 3.2 | |
| gtr | | | 3.5 | |
| "4 | | | 4.0 | |
| M | | | 3.5 | |
| +1 | | | 3.5 | |
| +3 | | | 3.3 | |
| +8 | | | 3.3 | |
| +10 | | | 3.6 | |
| "4 | | | 4.1 | |
| gtr | | | 4.2 | |
| S. crb | | | 3.2 | |

14.59

W. curb

| | |
|---|---|
| S.L. | 4.0 |
| Crb | 3.7 |
| ½ | 3.5 |
| +11 | 3.1 |
| +13 | 2.9 |
| +18 | 2.9 |
| +20 | 3.1 |
| M | 3.1 |
| ½ | 3.3 |
| Crb | 3.4 |
| N.L. | 3.6 |

Center

| | |
|---|---|
| S.L. | 2.4 |
| Crb | 2.5 |
| ½ | 2.4 |
| +11 | 2.4 |
| +13 | 2.5 |
| +18 | 2.5 |
| +20 | 2.4 |
| M | 2.4 |
| ½ | 2.4 |
| Crb | 2.4 |
| N.L. | 2.5 |

W ½

| | |
|---|---|
| N.L. | 3.5 |
| Crb | 3.3 |
| ½ | 3.1 |
| +1 | 3.0 |
| +1 | 3.0 |
| +3 | 2.8 |
| +8 | 2.8 |
| +10 | 3.0 |
| ½ | 3.5 |
| Crb | 3.6 |
| ~~Crb~~ S.L. | 3.8 |

E ½

| | |
|---|---|
| N.L. | 2.0 |
| Crb | 2.0 |
| ½ | 2.0 |
| M | 2.1 |
| +1 | 2.1 |
| +3 | 2.2 |
| +8 | 2.2 |
| +10 | 2.0 |
| ½ | 2.1 |
| Crb | 2.2 |
| S.L. | 2.6 |

| | | | | | |
|---|---|---|---|---|---|
| | | 141.59 | | | |
| | | E. curb | | | |
| S.L. | | | 2.5 | | |
| crb | | | 2.2 | | |
| ½ | | | 2.0 | | |
| +11 | | | 1.9 | | |
| +13 | | | 2.1 | | |
| +18 | | | 2.1 | | |
| +20 | | | 1.9 | | |
| M | | | 1.9 | | |
| ½ | | | 2.0 | | |
| crb | | | 2.0 | | |
| N.L. | | | 2.1 | | |
| | | E. L. 22nd | | | |
| N. crb | | | 1.7 | | |
| gte | | | 1.7 | | |
| ½ | | | 1.7 | | |
| M | | | 1.6 | | |
| +1 | | | 1.6 | | |
| +3 | | | 1.7 | | |
| +8 | | | 1.7 | | |
| +10 | | | 1.6 | | |
| ½ | | | 1.8 | | |
| gte | | | 2.0 | | |
| S. crb | | | 1.7 | | |
| T. P. | 11.80 | 153.01 | 0.38 | 141.21 | |

| | | | | | |
|---|---|---|---|---|---|
| | | 0+25 E | | | |
| S. crb | | | 11.6 | | |
| gte | | | 12.2 | | |
| ½ | | | 12.3 | | |
| +11 | | | 11.9 | | |
| +13 | | | 11.8 | | |
| +18 | | | 11.8 | | |
| +20 | | | 11.9 | | |
| M | | | 11.9 | | |
| ½ | | | 12.2 | | |
| gte | | | 12.7 | | |
| N. crb | | | 11.6 | | |
| | | 0+50 | | | |
| N. crb | | | 10.2 | | |
| gte | | | 11.0 | | |
| ½ | | | 10.5 | | |
| M | | | 10.3 | | |
| +1 | | | 10.3 | | |
| +3 | | | 10.2 | | |
| +8 | | | 10.2 | | |
| +10 | | | 10.9 | | |
| ½ | | | 10.7 | | |
| gte | | | 10.8 | | |
| S. crb | | | 10.1 | | |

0+75

| | |
|---|---|
| S.crb | 8.6 |
| gtr | 9.4 |
| 1/4 | 9.2 |
| +11 | 8.8 |
| +13 | 8.7 |
| +18 | 8.7 |
| +20 | 8.7 |
| M | 8.7 |
| 1/4 | 9.2 |
| gtr | 9.3 |
| N.crb | 8.7 |

1+0

| | |
|---|---|
| N.crb | 7.2 |
| gtr | 8.2 |
| 1/4 | 7.7 |
| M | 7.3 |
| +1 | 7.3 |
| +3 | 7.3 |
| +8 | 7.3 |
| +10 | 7.4 |
| 1/4 | 7.6 |
| gtr | 7.8 |
| S.crb | 7.1 |

1+25

| | |
|---|---|
| S.crb | 5.4 |
| gtr | 6.2 |
| 1/4 | 6.1 |
| +11 | 5.9 |
| +13 | 5.7 |
| +18 | 5.7 |
| +20 | 5.8 |
| M | 5.8 |
| 1/4 | 6.2 |
| gtr | 6.5 |
| N.crb | 5.5 |

1+50

| | |
|---|---|
| N.crb | 4.1 |
| gtr | 5.2 |
| 1/4 | 4.8 |
| M | 4.3 |
| +1 | 4.2 |
| +3 | 4.2 |
| +8 | 4.2 |
| +10 | 4.3 |
| 1/4 | 4.6 |
| gtr | 4.6 |
| S.crb | 3.8 |

153.01

1+75

| | |
|---|---|
| S. crk | 2.4 |
| gte | 2.4 |
| 1/4 | 3.2 |
| +11 | 2.8 |
| +13 | 2.6 |
| +18 | 2.6 |
| +20 | 2.7 |
| M | 2.7 |
| 1/4 | 3.3 |
| gte | 3.5 |
| N. crk | 2.6 |

2+0 = W.L. 23rd St 50' wide

| | |
|---|---|
| N. crk | 1.1 |
| gte | 2.2 |
| 1/4 | 2.2 |
| M | 1.6 |
| +1 | 1.6 |
| +3 | 1.4 |
| +8 | 1.4 |
| +10 | 1.6 |
| 1/4 | 2.0 |
| gte | 2.2 |
| S. crk | 1.2 |

W. curb

| | |
|---|---|
| S.L. | 1.9 |
| crk | 1.6 |
| 1/4 | 1.5 |
| +11 | 1.2 |
| +13 | 1.1 |
| +18 | 1.1 |
| +20 | 1.1 |
| M | 1.1 |
| 1/4 | 1.6 |
| crk | 1.9 |
| N.L. | 1.7 |

W. 1/4

| | |
|---|---|
| N.L. | 1.2 |
| crk | 1.6 |
| 1/4 | 1.4 |
| M | 1.0 |
| +1 | 1.0 |
| +3 | 1.0 |
| +8 | 1.0 |
| +10 | 1.1 |
| 1/4 | 1.4 |
| crk | 1.3 |
| S.L. | 1.6 |

153.01

Center

| | |
|---|---|
| S.L. | 0.9 |
| Crb | 0.9 |
| 1/2 | 1.0 |
| +11 | 0.8 |
| +13 | 0.8 |
| +18 | 0.8 |
| +20 | 0.7 |
| M | 0.7 |
| 1/4 | 1.2 |
| Crb | 1.1 |
| N.L. | 0.6 |

E 1/4

| | |
|---|---|
| N.L. | 0.5 |
| Crb | 0.9 |
| 1/4 | 1.2 |
| M | 0.5 |
| +1 | 0.5 |
| +3 | 0.6 |
| +8 | 0.6 |
| +10 | 0.6 |
| 1/4 | 0.8 |
| Crb | 0.8 |
| S.L. | 0.9 |

E. Curb

| | |
|---|---|
| S.L. | 0.8 |
| Crb | 0.8 |
| 1/4 | 0.7 |
| +11 | 0.5 |
| +13 | 0.5 |
| +18 | 0.5 |
| +20 | 0.9 |
| M | 0.9 |
| 1/4 | 1.0 |
| Crb | 0.9 |
| N.L. | 0.7 |

E.L. 28+d

| | |
|---|---|
| N. Crb | 0.1 |
| gte | 0.6 |
| 1/4 | 0.8 |
| M | 0.2 |
| +1 | 0.2 |
| +3 | 0.2 |
| +8 | 0.2 |
| +10 | 0.3 |
| 1/4 | 0.6 |
| gte | 0.6 |
| S. Crb | 0.0 |

| | | | | |
|---|---|---|---|---|
| T.P | 8.20 | 160.26 | 1.05 | 151.96 |

160.26

0+25 E

| | |
|---|---|
| S. Crb | 6.7 |
| gtr | 7.4 |
| 1/4 | 7.1 |
| +11 | 6.9 |
| +13 | 6.8 |
| +18 | 6.8 |
| +20 | 6.8 |
| M | 6.8 |
| 1/4 | 7.6 |
| gtr | 7.4 |
| N. Crb | 6.8 |

0+50

| | |
|---|---|
| N. Crb | 6.1 |
| gtr | 6.8 |
| 1/4 | 6.7 |
| M | 6.2 |
| +1 | 6.2 |
| +3 | 6.2 |
| +8 | 6.2 |
| +10 | 6.3 |
| 1/4 | 6.3 |
| gtr | 6.8 |
| S. Crb | 6.0 |

0+75

| | |
|---|---|
| S. Crb | 5.4 |
| gtr | 6.3 |
| 1/4 | 5.8 |
| +11 | 5.6 |
| +13 | 5.5 |
| +18 | 5.5 |
| +20 | 5.7 |
| M | 5.7 |
| 1/4 | 6.0 |
| gtr | 6.1 |
| N. Crb | 5.5 |

1+0

| | |
|---|---|
| N. Crb | 4.8 |
| gtr | 5.3 |
| 1/4 | 5.4 |
| M | 5.1 |
| +1 | 5.1 |
| +3 | 4.9 |
| +8 | 4.9 |
| +10 | 5.1 |
| 1/4 | 5.3 |
| gtr | 5.4 |
| S. Crb | 4.8 |

1+25

| | |
|---|---|
| S. crb | 4.1 |
| gte | 4.8 |
| "4 | 4.7 |
| +11 | 4.4 |
| +13 | 4.2 |
| +18 | 4.2 |
| +20 | 4.3 |
| M | 4.3 |
| "4 | 4.6 |
| gte | 4.8 |
| N. crb | 4.2 |

1+50 = M.L. 24th 60' wide

| | |
|---|---|
| N. crb | 3.5 |
| gte | 3.8 |
| "4 | 3.7 |
| M | 3.7 |
| +1 | 3.7 |
| +3 | 3.6 |
| +8 | 3.6 |
| +10 | 3.8 |
| "4 | 4.4 |
| gte | 4.3 |
| S. crb | 3.5 |

W. curb

| | |
|---|---|
| S.L. | 4.0 |
| crb | 4.2 |
| "4 | 4.2 |
| +11 | 3.5 |
| +13 | 3.4 |
| +18 | 3.4 |
| +20 | 3.4 |
| M | 3.4 |
| "4 | 3.6 |
| crb | 3.7 |
| N.L. | 3.6 |

N. "4

| | |
|---|---|
| N.L. | 3.1 |
| crb | 3.2 |
| "4 | 3.2 |
| M | 3.3 |
| +1 | 3.3 |
| +3 | 3.3 |
| +8 | 3.3 |
| +10 | 3.4 |
| "4 | 4.1 |
| crb | 4.1 |
| S.L. | 4.0 |

## Center

| | |
|---|---|
| S.L. | 3.6 |
| crb | 3.7 |
| "g | 3.6 |
| +11 | 3.2 |
| +13 | 3.1 |
| +15 | 3.1 |
| +20 | 3.0 |
| M | 3.0 |
| "g | 2.9 |
| crb | 2.8 |
| N.L. | 2.6 |

## E. "g

| | |
|---|---|
| N.L. | 2.5 |
| crb | 2.4 |
| "g | 2.4 |
| M | 2.5 |
| +1 | 2.5 |
| +3 | 2.8 |
| +8 | 2.8 |
| +10 | 2.9 |
| "g | 3.2 |
| crb | 3.4 |
| S.L. | 3.3 |

## E. curb

| | |
|---|---|
| S.L. | 3.3 |
| crb | 3.3 |
| "g | 3.0 |
| +11 | 2.8 |
| +13 | 2.7 |
| +18 | 2.7 |
| +20 | 2.5 |
| M | 2.5 |
| "g | 2.3 |
| crb | 2.4 |
| N.L. | 2.5 |

Note 3.5' asphalt gutter on N. side from STA 4+0 to N.L. 25th St

## E.L. 24th = 0+0

| | |
|---|---|
| N. crb | 2.5 |
| gtr | 2.1 |
| "g | 2.2 |
| M | 2.2 |
| +1 | 2.4 |
| +3 | 2.4 |
| +8 | 2.4 |
| +10 | 2.4 |
| "g | 2.8 |
| gtr | 3.0 |
| S. crb | 2.4 |

160.26

0+25 E

| | | | | |
|---|---|---|---|---|
| S. crb | | | 1.1 | |
| gtr | | | 1.7 | |
| ℄ | | | 1.5 | |
| +11 | | | 1.3 | |
| +13 | | | 1.3 | |
| +18 | | | 1.3 | |
| +20 | | | 1.3 | |
| M | | | 1.3 | |
| ℄ | | | 1.6 | |
| gtr | | | 1.6 | |
| N. crb | | | 1.0 | |
| T.P. | 11.41 | 170.98 | 0.69 | 159.57 |

0+50

| | | | | |
|---|---|---|---|---|
| N. crb | | | 10.3 | |
| gtr | | | 11.0 | |
| ℄ | | | 10.9 | |
| M | | | 10.6 | |
| +1 | | | 10.6 | |
| +3 | | | 10.6 | |
| +8 | | | 10.6 | |
| +10 | | | 10.8 | |
| ℄ | | | 10.9 | |
| gtr | | | 11.1 | |
| S. crb | | | 10.6 | |

0+75

| | | | | |
|---|---|---|---|---|
| S. crb | | | 9.4 | |
| gtr | | | 9.9 | |
| ℄ | | | 9.8 | |
| +11 | | | 9.3 | |
| +13 | | | 9.2 | |
| +18 | | | 9.2 | |
| +20 | | | 9.0 | |
| M | | | 9.0 | |
| ℄ | | | 9.5 | |
| gtr | | | 9.6 | |
| N. crb | | | 8.9 | |

1+0

| | | | | |
|---|---|---|---|---|
| N. crb | | | 7.5 | |
| gtr | | | 8.3 | |
| ℄ | | | 8.2 | |
| M | | | 7.8 | |
| +1 | | | 7.8 | |
| +3 | | | 7.9 | |
| +8 | | | 7.9 | |
| +10 | | | 7.9 | |
| ℄ | | | 8.4 | |
| gtr | | | 8.7 | |
| S. crb | | | 8.1 | |

170.98

1+25

| | |
|---|---|
| S. crb | 6.8 |
| gtr | 7.4 |
| ⅓ | 7.2 |
| +11 | 6.6 |
| +13 | 6.7 |
| +18 | 6.7 |
| +20 | 6.5 |
| M | 6.5 |
| ⅓ | 6.6 |
| gtr | 6.9 |
| N. crb | 6.0 |

1+50

| | |
|---|---|
| N. crb | 4.6 |
| gtr | 5.1 |
| ⅓ | 5.1 |
| M | 5.1 |
| +1 | 5.1 |
| +3 | 5.3 |
| +8 | 5.3 |
| +10 | 5.4 |
| ⅓ | 5.8 |
| gtr | 6.3 |
| S. crb | 5.6 |

1+75

| | |
|---|---|
| S. crb | 4.4 |
| gtr | 4.8 |
| ⅓ | 4.5 |
| +11 | 4.0 |
| +13 | 4.0 |
| +18 | 4.0 |
| +20 | 3.6 |
| M | 3.6 |
| ⅓ | 3.7 |
| gtr | 3.5 |
| N. crb | 3.2 |

2+0

| | |
|---|---|
| N. crb | 1.8 |
| gtr | 2.4 |
| ⅓ | 2.4 |
| M | 2.5 |
| +1 | 2.5 |
| +3 | 2.6 |
| +8 | 2.6 |
| +10 | 2.7 |
| ⅓ | 3.2 |
| gtr | 3.5 |
| S. crb | 3.1 |

| | | | | | |
|---|---|---|---|---|---|
| | | 170.98 | | | |
| | | 2+25 | | | |
| S. Crb | | | 1.8 | | |
| gtr | | | 2.2 | | |
| "4 | | | 1.9 | | |
| +11 | | | 1.5 | | |
| +13 | | | 1.3 | | |
| +18 | | | 1.3 | | |
| +20 | | | 1.2 | | |
| M | | | 1.2 | | |
| "4 | | | 1.1 | | |
| gtr | | | 1.3 | | |
| N. Crb | | | 0.4 | | |
| T. P. | 12.83 | 182.86 | 0.95 | 170.03 | |
| | | 2+50 | | | |
| N. Crb | | | 10.9 | | |
| gtr | | | 11.8 | | |
| "4 | | | 11.6 | | |
| M | | | 11.9 | | |
| +1 | | | 11.9 | | |
| +3 | | | 12.0 | | |
| +8 | | | 12.0 | | |
| +10 | | | 12.1 | | |
| "4 | | | 12.9 | | |
| gtr | | | 13.0 | | |
| S. Crb | | | 13.5 | | |

| | | | | | |
|---|---|---|---|---|---|
| | | 2+75 | | | |
| S. Crb | | | 11.3 | | |
| gtr | | | 11.8 | | |
| "4 | | | 11.5 | | |
| +11 | | | 10.9 | | |
| +13 | | | 10.6 | | |
| +18 | | | 10.5 | | |
| +20 | | | 10.5 | | |
| M | | | 10.5 | | |
| "4 | | | 10.4 | | |
| gtr | | | 10.6 | | |
| N. Crb | | | 9.5 | | |
| | | 3+0 | | | |
| N. Crb | | | 8.0 | | |
| gtr | | | 9.1 | | |
| "4 | | | 9.0 | | |
| M | | | 9.4 | | |
| +1 | | | 9.4 | | |
| +3 | | | 9.5 | | |
| +8 | | | 9.5 | | |
| +10 | | | 9.9 | | |
| "4 | | | 10.6 | | |
| gtr | | | 10.9 | | |
| S. Crb | | | 10.5 | | |

3+25

| | |
|---|---|
| S. crb | 9.5 |
| gtr | 9.9 |
| 1/4 | 9.7 |
| +11 | 9.0 |
| +13 | 8.8 |
| +18 | 8.8 |
| +20 | 8.6 |
| M | 8.6 |
| 1/4 | 8.1 |
| gtr | 8.4 |
| N. crb | 7.6 |

3+50

| | |
|---|---|
| N. crb | 7.2 |
| gtr | 7.7 |
| 1/4 | 7.8 |
| M | 8.3 |
| +1 | 8.3 |
| +3 | 8.4 |
| +8 | 8.4 |
| +10 | 8.6 |
| 1/4 | 9.1 |
| gtr | 9.3 |
| S. crb | 9.0 |

3+75

| | |
|---|---|
| S. crb | 8.4 |
| gtr | 8.8 |
| 1/4 | 8.5 |
| +11 | 8.0 |
| +13 | 7.8 |
| +18 | 7.8 |
| +20 | 7.7 |
| M | 7.7 |
| 1/4 | 7.3 |
| gtr | 7.5 |
| N. crb | 6.7 |

4+0

| | |
|---|---|
| N. crb | 6.2 |
| gtr | 6.5 |
| 1/4 | 6.8 |
| M | 7.3 |
| +1 | 7.3 |
| +3 | 7.4 |
| +8 | 7.4 |
| +10 | 7.6 |
| 1/4 | 8.2 |
| gtr | 8.2 |
| S. crb | 7.9 |

182.86

4+25

| | |
|---|---|
| S. crb | 7.3 |
| gte | 7.8 |
| 1/4 | 7.7 |
| +11 | 7.0 |
| +13 | 6.8 |
| +18 | 6.8 |
| +20 | 6.6 |
| M | 6.6 |
| 1/4 | 6.2 |
| gte | 6.4 |
| N. crb | 5.8 |

4+50

| | |
|---|---|
| N. crb | 5.2 |
| gte | 5.9 |
| 1/4 | 5.8 |
| M | 6.2 |
| +1 | 6.2 |
| +3 | 6.3 |
| +8 | 6.3 |
| +10 | 6.5 |
| 1/4 | 7.2 |
| gte | 7.4 |
| S. crb | 6.8 |

4+75

| | |
|---|---|
| S. crb | 6.2 |
| gte | 7.0 |
| 1/4 | 6.7 |
| +11 | 6.0 |
| +13 | 5.8 |
| +15 | 5.8 |
| +20 | 5.6 |
| M | 5.6 |
| 1/4 | 5.3 |
| gte | 5.5 |
| N. crb | 4.8 |

5+00

| | |
|---|---|
| N. crb | 4.3 |
| gte | 4.9 |
| 1/4 | 4.9 |
| M | 5.1 |
| +1 | 5.1 |
| +3 | 5.2 |
| +5 | 5.2 |
| +10 | 5.4 |
| 1/4 | 6.0 |
| gte | 6.4 |
| S. crb | 5.7 |

5+25

| | |
|---|---|
| S.crb | 5.2 |
| gtr | 5.7 |
| "4 | 5.6 |
| +11 | 4.9 |
| +13 | 4.8 |
| +18 | 4.8 |
| +20 | 4.6 |
| M | 4.6 |
| "4 | 4.4 |
| gtr | 4.5 |
| N.crb | 3.9 |

5+50

| | |
|---|---|
| N.crb | 3.4 |
| gtr | 4.1 |
| "4 | 4.0 |
| M | 4.2 |
| +1 | 4.2 |
| +3 | 4.3 |
| +5 | 4.3 |
| +10 | 4.5 |
| "4 | 5.0 |
| gtr | 5.1 |
| S.crb | 4.6 |

5+95

| | |
|---|---|
| S.crb | 4.1 |
| gtr | 4.5 |
| "4 | 4.5 |
| +11 | 4.0 |
| +13 | 3.7 |
| +18 | 3.7 |
| +20 | 3.6 |
| M | 3.6 |
| "4 | 3.5 |
| gtr | 3.5 |
| N.crb | 3.0 |

6+02 = m.k. 25th St

| | |
|---|---|
| N.crb | 2.5 |
| gtr | 3.1 |
| "4 | 3.1 |
| +19.5 = 2' N. of N. rail | 3.1 |
| M | 3.1 |
| +0.5 = " " " | 3.1 |
| +5.5 = S. rail | 3.1 |
| +7.5 = 2' S. of S. rail | 3.2 |
| "4 | 4.0 |
| gtr | 4.1 |
| S.crb | 3.5 |

8 Hatch
19 Moore
10 Fitzpatrick

Xsec. Palm St. from Park to 30

| | | | | | |
|---|---|---|---|---|---|
| | 1190 | 292.65 | | 280.75 | BM at Nend of Bridge |
| | 1280 | 305.36 | 0.09 | 292.56 | |
| | 710 | 312.43 | 0.03 | 305.33 | (Pipe) |
| | 950 | 320.29 | 1.64 | 310.79 | |
| | 005 | 309.71 | 10.63 | 309.66 | |
| | | West Line of Blks | | | |
| S | | | 11.9 | 297.8 | |
| cb | | | 12.1 | 297.6 | |
| 1/4 | | | 12.9 | 296.8 | |
| C | | | 13.8 | 295.9 | |
| 1/4 | | | 13.9 | 295.8 | |
| cb | | | 16.1 | 293.6 | |
| N | | | 19.2 | 290.7 | |
| 15' N | | | 26.4 | 283.3 | |
| | | 20' E | | | |
| N | | | 15.4 | 294.3 | |
| cb | | | 15.6 | 294.1 | |
| 1/4 | | | 12.5 | 297.2 | |

| | | | | |
|---|---|---|---|---|
| | | 309.71 | | |
| C | | | 11.7 | 298.0 |
| 1/4 | | | 11.1 | 298.6 |
| cb | | | 10.9 | 298.8 |
| S | | | 10.3 | 299.4 |
| | | 45' E | | |
| S | | | 9.4 | 300.3 |
| cb | | | 9.7 | 300.0 |
| 1/4 | | | 9.9 | 299.8 |
| C | | | 10.1 | 299.6 |
| 1/4 | | | 10.5 | 299.2 |
| cb | | | 11.2 | 298.5 |
| N | | | 12.0 | 295.7 |
| | | 70' E | | |
| N | | | 9.8 | 299.9 |
| cb | | | 9.1 | 300.6 |
| 1/4 | | | 9.0 | 300.7 |
| C | | | 9.1 | 300.6 |

Continued on P21

Levels for toe of slope E.L. Ibis, from Lewis to 4/4/10 Dunkle
Point 200' N Shaw
B.M. Mon S.E. Lewis & Ibis 267.22 Evans

| | | | | | |
|---|---|---|---|---|---|
| B.M. | 2.82 | 270.04 | | | |
| | | 0+25 N. of Lewis | | | |
| E.L. Ibis | | | 5.2 | | |
| +20 E | | | 5.1 | 264.9 | |
| | | 0+50 N | | | |
| E.L. Ibis | | | 11.7 | 258.3 | |
| +25 | | | 9.2 | 260.8 | |
| T.P. | 1.20 | 258.46 | 12.78 | 257.26 | ✓ |
| | | 0+75 | | | |
| E.L. Ibis | | | 11.3 | 247.2 | |
| +25 | | | 11.8 | 246.7 | ✓ |
| | | 1+0 * | | | |
| E.L. Ibis | | | 16.2 | 242.3 | |
| +15 E | | | 22.3 | 236.2 | |
| +30 E | F. 12.5' | | 20.2 | 238.3 | ✓ |
| +50 E | | | 21.1 | 237.4 | |

| | | | | | |
|---|---|---|---|---|---|
| | | 1+25 * | | | |
| E.L. | | | 12.1 | 246.4 | ✓ |
| +30 E F. 6.5' | | | 26.1 | 232.4 | |
| +40 | | | 30.7 | 227.8 | |
| +60 | | | 30.6 | 227.9 | |
| | | 1+50 | | | |
| E.L. | | | 10.3 | 248.2 | ✓ |
| +25 | | | 18.4 | 250.1 | |
| | | 1+75 | | | |
| E.L. | | | 5.4 | 253.1 | |
| +13 E | | | 6.9 | 251.6 | |
| +25 | | | 10.9 | 247.6 | |
| T.P. | 9.04 | 266.15 | 1.35 | 257.11 | |
| | | 2+0 N of Lewis | | | |
| E.L. Ibis | | | 4.7 | 261.5 | |
| +20 E | | | 9.7 | 256.5 | |

Continued from P19

309.71

| | | |
|---|---|---|
| 1/4 | 8.9 | 300.8 |
| cb | 8.7 | 301.0 |
| S | 8.5 | 301.2 |
| 95' E | | |
| S | 7.5 | 302.2 |
| cb | 7.2 | 302.5 |
| 1/4 | 7.2 | 302.5 |
| c | 7.6 | 302.1 |
| 1/4 | 7.9 | 301.8 |
| cb | 8.0 | 301.7 |
| N | 8.5 | 301.2 |
| 120 E | | |
| N | 7.0 | 302.7 |
| cb | 6.4 | 303.2 |
| 1/4 | 6.7 | 303.0 |
| c | 6.6 | 303.1 |
| 1/4 | 6.3 | 303.4 |



309.71

| | | |
|---|---|---|
| cb | 6.2 | 303.5 |
| S | 6.6 | 303.1 |
| 145 E | | |
| S | 5.5 | 304.2 |
| cb | 5.1 | 304.6 |
| 1/4 | 5.1 | 304.6 |
| c | 5.4 | 304.3 |
| 1/4 | 5.7 | 304.0 |
| cb | 4.8 | 304.9 |
| N | 5.7 | 304.0 |
| 170 E | | |
| N | 3.9 | 305.8 |
| cb | 3.3 | 306.4 |
| 1/4 | 4.0 | 305.7 |
| c | 3.9 | 305.8 |
| 1/4 | 3.6 | 306.1 |
| cb | 3.7 | 306.0 |
| S | 3.7 | 306.0 |

| | | | | |
|---|---|---|---|---|
| | | 309.71 | | |
| | | 195' E | | |
| S | | | 2.5 | 307.2 |
| cb | | | 2.3 | 307.4 |
| 1/4 | | | 2.2 | 307.5 |
| c | | | 2.5 | 307.2 |
| 1/4 | | | 2.9 | 306.8 |
| cb | | | 2.2 | 307.2 |
| N | | | 2.6 | 307.1 |
| | 220' E | | | |
| N | | | 1.2 | 308.5 |
| cb | | | 1.1 | 308.6 |
| 1/4 | | | 1.9 | 307.8 |
| c | | | 1.6 | 308.1 |
| 1/4 | | | 1.2 | 308.5 |
| cb | | | 1.5 | 308.2 |
| S | | | 1.5 | 308.2 |
| | 245' E | | | |
| S | | | 0.6 | 309.1 |

| | | | | |
|---|---|---|---|---|
| | | 309.71 | | |
| cb | | | 0.5 | 309.2 |
| 1/4 | | | 0.1 | 309.6 |
| c | | | 0.3 | 309.4 |
| 1/4 | | | 0.7 | 309.0 |
| cb | | | 0.0 | 309.7 |
| N | | | 0.2 | 309.5 |
| TP | 990 | 31956 | 0.05 | 309.66 |
| | 270' E = WL (Wescott St.) Granada Ave | | | |
| N | | | 9.3 | 310.3 |
| cb | | | 9.0 | 310.6 |
| 1/4 | | | 9.5 | 310.1 |
| c | | | 9.9 | 309.7 |
| 1/4 | | | 9.3 | 310.3 |
| cb | | | 9.8 | 309.8 |
| S | | | 9.5 | 310.1 |
| | W cb. | | | |
| S | | | 9.0 | 310.6 |

319.56

| | | |
|---|---|---|
| cb | 9.5 | 310.1 |
| 1/4 | 9.1 | 310.5 |
| c | 9.6 | 310.0 |
| 1/4 | 9.6 | 310.0 |
| cb | 8.8 | 310.8 |
| N | 8.8 | 310.8 |

W 1/4

| | | |
|---|---|---|
| N | 9.3 | 310.3 |
| cb | 9.2 | 310.4 |
| 1/4 | 9.5 | 310.1 |
| c | 9.3 | 310.3 |
| 1/4 | 9.1 | 310.5 |
| cb | 9.1 | 310.5 |
| S | 9.1 | 310.5 |

Cr.

| | | |
|---|---|---|
| S | 8.8 | 310.8 |
| cb | 8.8 | 310.8 |

319.56

| | | |
|---|---|---|
| 1/4 | 8.7 | 310.9 |
| c | 8.9 | 310.7 |
| 1/4 | 8.9 | 310.7 |
| cb | 8.8 | 310.8 |
| N | 8.7 | 310.9 |

E 1/4

| | | |
|---|---|---|
| N | 8.4 | 311.2 |
| cb | 8.5 | 311.1 |
| 1/4 | 8.8 | 310.8 |
| c | 8.7 | 310.9 |
| 1/4 | 8.5 | 311.1 |
| cb | 8.5 | 311.1 |
| S | 8.6 | 311.0 |

E cb

| | | |
|---|---|---|
| S | 8.5 | 311.1 |
| cb | 8.4 | 311.2 |
| 1/4 | 8.2 | 311.4 |

319.56

| | | |
|---|---|---|
| c | 8.5 | 311.1 |
| 1/4 | 8.4 | 311.2 |
| cb | 8.3 | 311.3 |
| N | 8.3 | 311.3 |

E.K. Wescott st

| | | |
|---|---|---|
| N | 7.4 | 312.2 |
| cb | 7.5 | 312.1 |
| 1/4 | 7.9 | 311.7 |
| c | 8.1 | 311.5 |
| 1/4 | 7.7 | 311.9 |
| cb | 8.1 | 311.5 |
| S | 8.0 | 311.6 |

20 E

| | | |
|---|---|---|
| S | 7.7 | 311.9 |
| cb | 7.7 | 311.9 |
| 1/4 | 7.4 | 312.2 |
| c | 7.6 | 312.0 |

319.56

| | | |
|---|---|---|
| 1/4 | 7.6 | 312.0 |
| cb | 7.2 | 312.4 |
| N | 7.3 | 312.3 |

45 E

| | | |
|---|---|---|
| N | 7.2 | 312.4 |
| cb | 7.0 | 312.6 |
| 1/4 | 7.2 | 312.4 |
| c | 7.4 | 312.2 |
| 1/4 | 7.0 | 312.6 |
| cb | 7.1 | 312.5 |
| S | 7.5 | 312.1 |

70 E

| | | |
|---|---|---|
| S | 7.6 | 312.0 |
| cb | 7.0 | 312.6 |
| 1/4 | 6.6 | 313.0 |
| c | 7.1 | 312.5 |
| 1/4 | 7.1 | 312.5 |

319.56

| | | |
|---|---|---|
| ch | 6.7 | 312.9 |
| N | 6.8 | 312.8 |
| 95' E | | |
| N | 6.7 | 312.9 |
| ch | 6.6 | 313.0 |
| 1/a | 6.9 | 312.7 |
| c | 6.7 | 312.9 |
| 1/a | 6.3 | 313.3 |
| ch | 6.6 | 313.0 |
| S | 6.7 | 312.9 |
| 120' E | | |
| S | 6.3 | 313.3 |
| ch | 6.2 | 313.4 |
| 1/a | 5.8 | 313.8 |
| c | 6.0 | 313.6 |
| 1/a | 6.2 | 313.4 |
| ch | 5.9 | 313.7 |
| N | 6.2 | 313.4 |

319.56

| | | |
|---|---|---|
| 145' E | | |
| N | 5.6 | 314.0 |
| ch | 5.5 | 314.1 |
| 1/a | 5.6 | 314.0 |
| c | 5.5 | 314.1 |
| 1/a | 5.2 | 314.4 |
| ch | 5.6 | 314.0 |
| S | 5.7 | 313.9 |
| 170' E | | |
| S | 5.3 | 314.3 |
| ch | 5.1 | 314.5 |
| 1/a | 4.8 | 314.8 |
| c | 5.0 | 314.6 |
| 1/a | 5.0 | 314.6 |
| ch | 4.7 | 314.9 |
| N | 4.9 | 314.7 |

31956

195' E

| | | | | |
|---|---|---|---|---|
| N | | | 4.3 | 315.3 |
| cb | | | 4.5 | 315.1 |
| 1/4 | | | 4.6 | 315.0 |
| c | | | 4.5 | 315.1 |
| 1/4 | | | 4.3 | 315.3 |
| cb | | | 4.8 | 314.8 |
| S | | | 4.9 | 314.7 |

220' E

| | | | | |
|---|---|---|---|---|
| S | | | 4.4 | 315.2 |
| cb | | | 4.4 | 315.2 |
| 1/4 | | | 4.0 | 315.6 |
| c | | | 4.2 | 315.4 |
| 1/4 | | | 4.4 | 315.2 |
| cb | | | 4.0 | 315.6 |
| N | | | 4.1 | 315.5 |

31956

245' E

| | | | | |
|---|---|---|---|---|
| N | | | 4.0 | 315.6 |
| cb | | | 3.8 | 315.8 |
| 1/4 | | | 4.4 | 315.2 |
| c | | | 4.2 | 315.4 |
| 1/4 | | | 3.9 | 315.7 |
| cb | | | 4.5 | 315.1 |
| S | | | 4.6 | 315.0 |

270' E = WL 29 1/2 Sh

| | | | | |
|---|---|---|---|---|
| S | | | 4.4 | 315.2 |
| cb | | | 4.3 | 315.3 |
| 1/4 | | | 3.9 | 315.7 |
| c | | | 4.1 | 315.5 |
| 1/4 | | | 4.4 | 315.2 |
| cb | | | 3.5 | 316.1 |
| N | | | 3.2 | 316.4 |

3/9/56

W cb.

| | | |
|---|---|---|
| r | 3.4 | 316.2 |
| cb | 3.5 | 316.1 |
| 1/a | 4.3 | 315.3 |
| c | 4.1 | 315.5 |
| 1/a | 3.9 | 315.7 |
| cb | 4.3 | 315.3 |
| s | 4.4 | 315.2 |

W 1/a

| | | |
|---|---|---|
| s | 4.4 | 315.2 |
| cb. | 4.3 | 315.3 |
| 1/a | 3.9 | 315.7 |
| c | 4.0 | 315.6 |
| 1/a | 4.3 | 315.3 |
| cl | 4.0 | 315.6 |
| r | 4.0 | 315.6 |

3/9/56.

Cr.

| | | |
|---|---|---|
| r | 3.60 | 316.0 |
| cl | 3.6 | 316.0 |
| 1/a | 4.1 | 315.5 |
| c | 3.9 | 315.7 |
| 1/a | 3.9 | 315.7 |
| cl | 4.1 | 315.5 |
| s | 4.1 | 315.5 |

E 1/4

| | | |
|---|---|---|
| s | 4.3 | 315.3 |
| cl | 4.1 | 315.5 |
| 1/a | 3.8 | 315.8 |
| c | 3.9 | 315.7 |
| 1/4 | 4.2 | 315.4 |
| cl | 4.1 | 315.5 |
| r | 4.0 | 315.6 |

319.56

E Ch.

| | | |
|---|---|---|
| N | 4.1 | 315.5 |
| Ch | 4.0 | 315.6 |
| 1/c | 4.3 | 315.3 |
| c | 3.9 | 315.7 |
| 1/a | 3.7 | 315.9 |
| Ch | 3.9 | 315.7 |
| S | 4.3 | 315.3 |

Eh. 29th

| | | |
|---|---|---|
| S | 4.1 | 315.5 |
| Ch | 3.8 | 315.8 |
| 1/a | 3.5 | 316.1 |
| c | 3.8 | 315.8 |
| 1/a | 4.0 | 315.6 |
| Ch | 3.8 | 315.8 |
| N | 3.9 | 315.7 |

319.56

55' E

| | | |
|---|---|---|
| N | 3.7 | 315.9 |
| Ch | 3.8 | 315.8 |
| 1/a | 4.0 | 315.6 |
| c | 3.8 | 315.8 |
| 1/a | 3.7 | 315.9 |
| Ch | 3.9 | 315.7 |
| S | 4.3 | 315.3 |

50' E

| | | |
|---|---|---|
| S | 4.6 | 315.0 |
| Ch | 4.1 | 315.5 |
| 1/a | 3.8 | 315.8 |
| c | 3.9 | 315.7 |
| 1/a | 4.3 | 315.3 |
| Ch | 4.1 | 315.5 |
| N | 3.9 | 315.7 |

31956

75' E

| | | |
|---|---|---|
| N | 3.9 | 315.7 |
| cb | 3.9 | 315.7 |
| 1/a | 4.5 | 315.1 |
| c | 4.1 | 315.5 |
| 1/4 | 4.0 | 315.6 |
| cb | 4.3 | 315.3 |
| s | 4.6 | 315.0 |

100' E

| | | |
|---|---|---|
| s | 5.1 | 314.5 |
| cb | 4.7 | 314.9 |
| 1/a | 4.3 | 315.3 |
| c | 4.5 | 315.1 |
| 1/4 | 4.7 | 314.9 |
| cb | 4.4 | 315.2 |
| N | 4.3 | 315.3 |

31956

125' E

| | | |
|---|---|---|
| N | 4.9 | 314.7 |
| cb | 4.9 | 314.7 |
| 1/a | 5.2 | 314.4 |
| c | 5.1 | 314.5 |
| 1/a | 5.1 | 314.5 |
| cb | 5.4 | 314.2 |
| s | 5.4 | 314.2 |

150 E

| | | |
|---|---|---|
| s | 6.6 | 313.0 |
| cb | 6.6 | 313.0 |
| 1/4 | 6.4 | 313.2 |
| c | 6.5 | 313.1 |
| 1/a | 6.6 | 313.0 |
| cb | 6.2 | 313.4 |
| N | 6.0 | 313.6 |

| | | | | |
|---|---|---|---|---|
| | | 319.56 | | |
| | | 175'E | | |
| N | | | 7.7 | 311.9 |
| cl | | | 7.7 | 311.9 |
| 1/a | | | 8.1 | 311.5 |
| c | | | 7.9 | 311.7 |
| 1/a | | | 7.9 | 311.7 |
| cl | | | 8.0 | 311.6 |
| S | | | 8.2 | 311.4 |
| T.P. | 11.7 | 311.96 | 8.77 | 310.79 |
| | | 200'E | | |
| S | | | 2.4 | 309.6 |
| cl | | | 2.0 | 310.0 |
| 1/a | | | 1.8 | 310.2 |
| c | | | 1.7 | 310.3 |
| 1/a | | | 1.9 | 310.1 |
| cl | | | 1.6 | 310.4 |
| N | | | 1.7 | 310.3 |

| | | | | |
|---|---|---|---|---|
| | | 311.96 | | |
| | | 225'E | | |
| N | | | 3.3 | 308.7 |
| cl | | | 3.5 | 308.5 |
| 1/a | | | 3.6 | 308.4 |
| c | | | 3.7 | 308.3 |
| 1/a | | | 3.6 | 308.4 |
| cl | | | 3.4 | 308.6 |
| S | | | 3.9 | 308.1 |
| | | 250'E | | |
| S | | | 5.4 | 306.6 |
| cl | | | 5.4 | 306.6 |
| 1/a | | | 5.4 | 306.6 |
| c | | | 5.3 | 306.7 |
| 1/a | | | 5.2 | 306.8 |
| cl | | | 5.2 | 306.8 |
| N | | | 4.9 | 307.1 |

311.96

370' E = W L. (Dunkin) Dale

| | | | |
|---|---|---|---|
| N | 5.7 | 306.3 | |
| cb | 5.7 | 306.3 | |
| 1/a | 5.8 | 306.2 | |
| c | 6.0 | 306.0 | |
| 1/a | 6.2 | 305.8 | |
| cb | 6.3 | 305.7 | |
| S | 6.5 | 305.5 | |
| W cb | | | |
| S | 6.8 | 305.2 | |
| cb | 6.6 | 305.4 | |
| 1/a | 6.5 | 305.5 | |
| c | 6.2 | 305.8 | |
| 1/a | 6.1 | 305.9 | |
| cb | 6.0 | 306.0 | |
| N | 5.8 | 306.2 | |

311.96

W 1/a

| | | | | |
|---|---|---|---|---|
| N | | | 6.0 | 306.0 |
| cb | | | 6.2 | 305.8 |
| 1/a | | | 6.3 | 305.7 |
| c | | | 6.7 | 305.3 |
| 1/a | | | 7.5 | 304.5 |
| cb | | | 8.0 | 304.0 |
| S | | | 8.0 | 304.0 |
| T.P | 3.51 | 307.30 | 8.17 | 303.79 |
| | | Br. | | |
| N | | | 2.0 | 305.3 |
| cb | | | 2.3 | 305.0 |
| 1/a | | | 2.6 | 304.7 |
| c | | | 3.2 | 304.1 |
| 1/a | | | 4.0 | 303.3 |
| cb | | | 5.3 | 302.0 |
| S | | | 5.4 | 301.9 |
| 10 S | | | 5.0 | 302.2 |

| | | | | |
|---|---|---|---|---|
| | | 307.30 | | |
| | | E 1/4 | | |
| 10' S | | | 10.6 | 296.7 |
| S | | | 10.5 | 296.8 |
| Sb. | | | 10.0 | 297.3 |
| 1/4 | | | 9.6 | 298.7 |
| S | | | 6.5 | 300.8 |
| 1/4 | | | 3.6 | 303.7 |
| Sb | | | 2.8 | 304.5 |
| N | | | 2.5 | 304.8 |
| | | E Sb. | | |
| N | | | 2.9 | 304.4 |
| Sb | | | 4.4 | 302.9 |
| 1/4 | | | 6.3 | 301.0 |
| S | | | 8.7 | 298.6 |
| 1/4 | | | 10.9 | 296.4 |
| Sb | | | 12.8 | 294.5 |
| S | | | 14.6 | 292.7 |
| 15' S | | | 14.6 | 292.7 |

| | | | | |
|---|---|---|---|---|
| | | 307.30 | | |
| | | E Line | | |
| S/2 | | | 14.6 | 292.7 |
| S | | | 13.1 | 294.2 |
| 1/4 | | | 11.3 | 296.0 |
| Sb. | | | 9.0 | 298.3 |
| N | | | 5.7 | 301.6 |
| 10' N. | | | 3.1 | 304.2 |
| TP | 440 | 299.48 | 12.26 | 295.04 |
| | | 25' E | | |
| 15' N | | | 2.7 | 296.8 |
| N | | | 6.5 | 293.0 |
| Sb | | | 8.9 | 290.6 |
| 1/4 | | | 12.6 | 286.9 |
| | | E Line | | |
| S Sb. | | | 9.0 | 290.5 |
| S. | | | 11.3 | 288.2 |
| 50' South | | | 12.6 | 286.9 |

Continued on P 37

8 Hatch
24 Moore
10 Rogers

X Sec 29th St from (20' curbs)
Ash to Beech

| | | | | | |
|---|---|---|---|---|---|
| BM | 146 | 209.96 | | 208.504 | NW Cor Beech-Granada |
| St. Beech. | | | | | |
| W | | | 4.6 | 205.4 | |
| Cb | | | 4.4 | 205.6 | |
| 1/4 | | | 4.7 | 205.3 | |
| C | | | 4.5 | 205.5 | |
| 1/4 | | | 4.1 | 205.9 | |
| Cb | | | 4.1 | 205.9 | |
| E | | | 3.4 | 206.6 | |
| | 25' S. | | | | |
| E | | | 3.3 | 206.7 | |
| Cb | | | 4.6 | 205.4 | |
| 1/4 | | | 4.6 | 205.4 | |
| C | | | 4.7 | 205.3 | |
| 1/4 | | | 4.9 | 205.1 | |
| Cb | | | 5.3 | 204.7 | |
| W | | | 5.0 | 205.0 | |



| | | | | | |
|---|---|---|---|---|---|
| | | 209.96 | | | |
| | | 50' S | | | |
| W | | | 5.3 | 204.7 | |
| Cb | | | 5.6 | 204.4 | |
| 1/4 | | | 5.3 | 204.7 | |
| C | | | 4.9 | 205.1 | |
| 1/4 | | | 4.9 | 205.1 | |
| Cb | | | 4.7 | 205.3 | |
| E | | | 4.2 | 205.8 | |
| | | 75' S | | | |
| E | | | 4.4 | 205.6 | |
| Cb | | | 5.0 | 205.0 | |
| 1/4 | | | 5.2 | 204.8 | |
| C | | | 5.4 | 204.6 | |
| 1/4 | | | 5.5 | 204.5 | |
| Cb | | | 5.8 | 204.2 | |
| +4 | | | 5.7 | 204.3 | |
| W +7 | | | 4.5 | 205.5 | |
| | | | 5.1 | 204.9 | |

209.96

100' S

| | | |
|---|---|---|
| W | 5.0 | 205.0 |
| +13 | 5.0 | 205.0 |
| cb | 6.0 | 204.0 |
| 1/4 | 5.8 | 204.2 |
| C | 5.6 | 204.4 |
| 1/4 | 5.4 | 204.6 |
| cb | 5.0 | 205.0 |
| E | 4.6 | 205.4 |

125' S

| | | |
|---|---|---|
| E | 4.6 | 205.4 |
| cb | 4.8 | 205.2 |
| 1/4 | 5.7 | 204.3 |
| C | 5.9 | 204.1 |
| 1/4 | 5.9 | 204.1 |
| cb | 6.2 | 203.8 |
| +10 | 5.3 | 204.7 |
| W | 5.0 | 205.0 |

209.96

150' S

| | | |
|---|---|---|
| W | 4.4 | 205.6 |
| +13 | 4.6 | 205.4 |
| +16 | 6.(2) | 203.8 |
| cb | 6.2 | 203.8 |
| 1/4 | 6.0 | 204.0 |
| C | 5.3 | 204.7 |
| 1/4 | 4.6 | 205.4 |
| cb | 4.6 | 205.4 |
| +10 | 4.6 | 205.4 |
| E | 3.4 | 206.6 |

175' S

| | | |
|---|---|---|
| E | 3.0 | 207.0 |
| +5 | 3.9 | 206.1 |
| cb | 4.6 | 205.4 |
| 1/4 | 4.6 | 205.4 |
| C | 4.9 | 205.1 |
| 1/4 | 5.4 | 204.6 |

209.96

| | | |
|---|---|---|
| cb | 5.9 | 204.1 |
| +2 | 6.3 | 203.7 |
| +5 | 4.8 | 205.2 |
| W | 4.7 | 205.3 |
| 200'S | | |
| W | 4.9 | 205.1 |
| +17 | 5.0<br>6.4 | 205.0<br>203.6 |
| cb | 6.0 | 204.0 |
| 1/4 | 5.2 | 204.8 |
| c | 5.6 | 204.4 |
| 1/4 | 5.0 | 205.0 |
| cb | 4.8 | 205.2 |
| +15 | 4.1 | 205.9 |
| E | 3.2 | 206.8 |
| 225'S | | |
| E | 4.0 | 206.0 |
| +3 | 5.1 | 204.9 |

209.96

| | | |
|---|---|---|
| cb | 5.4 | 204.6 |
| 1/c | 5.4 | 204.6 |
| c | 6.0 | 204.0 |
| 1/c | 5.7 | 204.3 |
| cb | 6.3 | 203.7<br>4.3 |
| +2 | 6.7 | 203.3 |
| +5 | 5.0 | 205.0 |
| W | 5.1 | 204.9 |
| 250'S | | |
| W | 5.3 | 204.7 |
| +18 | 5.9 | 204.1 |
| cb | 7.0 | 203.0 |
| 1/4 | 6.3 | 203.7 |
| c | 6.3 | 203.7 |
| 1/4 | 5.8 | 204.2 |
| cb | 6.0 | 204.0 |
| +15 | 5.8 | 204.2 |
| E | 5.0 | 205.0<br>4.6 |

2099 6

275 S

| | | |
|---|---|---|
| E | 5.1 | 204.9 |
| cb | 6.7 | 203.3 |
| 1/4 | 6.4 | 203.6 |
| c | 6.9 | 203.1 |
| 1/4 | 6.8 | 203.2 |
| +6 | 6.2 | 203.8 |
| cb. | 7.3 | 202.7 |
| +2 | 6.1 | 203.9 |
| W | 5.5 | 204.5 |

500 S = W h Ash

| | | |
|---|---|---|
| W | 5.8 | 204.2 |
| +16 | 6.1 | 203.9 |
| cb | 7.7 | 202.3 |
| +3 | 7.0 | 203.0 |
| 1/4 | 6.5 | 203.5 |
| c | 6.4 | 203.6 |

2099 6

| | | |
|---|---|---|
| 1/4 | 7.1 | 202.9 |
| cb | 7.4 | 202.6 |
| +5 | 6.7 | 203.3 |
| E | 6.0 | 204.0 |

8/25 [illegible]
10 R.

Continued from P. 32.

| | | | | |
|---|---|---|---|---|
| | | 299.48 | | |
| S | | 40" E | | |
| 15' N. | | | 7.3 | 292.2 |
| N | | | 11.7 | 287.8 (304.1) |
| T.P. | 1.65 | 288.91 | 12.22 | 287.26 |
| | | 25' E | | |
| O. | | | 3.9 | 285.0 (303.4) |
| S 1/4 | | | 6.1 | 282.8 (02.7) |
| cb. | | | 8.2 | 280.7 (02.8) |
| S | | | 11.1 | 277.8 (03.1) |
| 20' S | | | 11.4 | 277.5 |
| | | 40' E | | |
| cb. | | | 3.7 | 285.2 (03.8) |
| 1/4 | | | 6.4 | 282.5 (03.2) |
| C | | | 9.5 | 279.4 (03.3) |
| 1/4 | | | 12.6 | 276.3 (02.6) |
| cb | | | 14.5 | 274.4 (02.6) |
| S | | | 16.5 | 272.4 (03.0) |
| 25' S | | | 19.3 | 269.6 |

| | | | | |
|---|---|---|---|---|
| | | 288.91 | 12.22 | |
| | | 50' E | | |
| 25 S | | | 17.8 | 271.1 |
| S | | | 14.7 | 274.2 (02.9) |
| cb | | | 14.2 | 274.7 (02.6) |
| 1/4 | | | 15.0 | 273.9 (02.5) |
| C | | | 12.8 | 276.1 (303.2) |
| 1/4 | | | 10.0 | 278.9 (303.2) |
| cb | | | 7.3 | 281.6 (03.8) |
| N | | | 4.9 | 284.0 (04.1) |
| 15 N | | | 0.1 | 288.8 |
| | | 70' E | | |
| 20 N | | | 3.2 | 285.7 |
| N | | | 10.3 | 278.6 (04.0) |
| cb. | | | 9.1 | 279.8 (03.7) |
| 1/4 | | | 6.9 | 282.0 (303.1) |
| C | | | 5.3 | 283.6 (03.1) |
| 1/4 | | | 4.2 | 284.7 (02.4) |
| cb | | | 6.0 | 282.9 (02.5) |
| S | | | 7.2 | 281.7 |
| 20 S | | | 9.7 | 279.2 |

| | | | | |
|---|---|---|---|---|
| | | 288.91 | | |
| | | 100 E | | |
| 20 N | | | 1.0 | 287.9 |
| TP | 955 | 297.86 | 0.60 | 288.91 |
| N | | | 6.1 | 291.8 |
| cb | | | 3.7 | 294.2 |
| 1/4 | | | 1.5 | 296.4 |
| T.P. | 920 | 306.82 | 0.24 | 297.62 |
| C | | | 8.8 | 298.0 |
| 1/4 | | | 7.7 | 299.1 |
| cb | | | 8.2 | 298.6 |
| S | | | 10.2 | 296.6 |
| 20 S | | | 12.7 | 294.1 |
| | | 110 E | | |
| 10 S | | | 7.6 | 299.2 |
| S | | | 5.3 | 301.5 |
| cb | | | 4.3 | 302.5 |
| 1/4 | | | 4.2 | 302.6 |

| | | | | |
|---|---|---|---|---|
| | | 306.82 | | |
| C | | | 4.3 | 302.5 |
| 1/4 | | | 6.2 | 300.6 |
| cb | | | 8.9 | 297.9 |
| N | | | 11.1 | 295.7 |
| 15 N | | | 14.8 | 292.0 |
| | | 125 E | | |
| 15 N | | | 8.7 | 298.1 |
| N | | | 5.7 | 301.1 |
| cb | | | 4.2 | 302.6 |
| 1/4 | | | 3.2 | 303.6 |
| C | | | 3.0 | 303.8 |
| 1/4 | | | 3.0 | 303.8 |
| cb | | | 3.1 | 303.7 |
| S | | | 3.3 | 303.5 |
| | | 150 E | | |
| S | | | 3.4 | 303.4 |
| cb | | | 2.9 | 303.9 |
| 1/4 | | | 2.6 | 304.2 |

| | | | | |
|---|---|---|---|---|
| | | 306.82 | | |
| C | | | 2.4 | 304.4 |
| 1/4 | | | 2.3 | 304.5 |
| ob | | | 2.2 | 304.6 |
| N | | | 2.4 | 304.4 |
| | | 175' E | | |
| N | | | 1.3 | 305.5 |
| ob | | | 1.6 | 305.2 |
| 1/4 | | | 1.8 | 305.0 |
| C | | | 2.1 | 304.7 |
| 1/4 | | | 2.5 | 304.3 |
| ob | | | 2.6 | 304.2 |
| S | | | 3.3 | 303.5 |
| | | 200' E | | |
| S | | | 2.9 | 303.9 |
| ob | | | 2.4 | 304.4 |
| 1/4 | | | 2.1 | 304.7 |
| C | | | 1.8 | 305.0 |

| | | | | |
|---|---|---|---|---|
| | | 306.82 | | |
| 1/4 | | | 1.4 | 305.4 |
| ob | | | 1.1 | 305.7 |
| N | | | 0.7 | 306.1 |
| TP | 460 | 310.10 | 1.32 | 305.50 |
| | | 225' E | | |
| N | | | 3.3 | 306.8 |
| ob | | | 3.8 | 306.3 |
| 1/4 | | | 4.2 | 305.9 |
| C | | | 4.4 | 305.7 |
| 1/4 | | | 4.8 | 305.3 |
| ob | | | 5.2 | 304.9 |
| S | | | 5.6 | 304.5 |
| | | 250' E | | |
| S | | | 4.7 | 305.4 |
| ob | | | 4.3 | 305.8 |
| 1/4 | | | 4.1 | 306.0 |
| C | | | 3.7 | 306.4 |

| | | | |
|---|---|---|---|
| | 310.0 | | |
| 1/4 | | 3.5 | 306.6 |
| cl | | 3.2 | 306.9 |
| N | | 2.9 | 307.2 |
| | 265.35 E = 1 in of 30th St. | | |
| N | | 2.8 | 307.3 |
| cl | | 3.0 | 307.1 |
| 1/4 | | 3.2 | 306.9 |
| S | | 3.4 | 306.7 |
| 1/4 | | 3.8 | 306.3 |
| cl | | 4.0 | 306.1 |
| S | | 4.2 | 305.9 |
| Check | | 4.73 | 305.37 |

| | | | |
|---|---|---|---|
| 1.0 | 298.60 | | 297.60 |
| | E Cb. of 28th St. | | |
| S | | 2.1 | 296.5 |
| cl | | 2.3 | 296.3 |
| 1/4 | | 3.1 | 295.5 |
| C | | 4.1 | 294.5 |
| 1/4 | | 5.3 | 293.3 |
| cl | | 6.5 | 292.1 |
| N | | 8.8 | 289.8 |
| 15' N. | | 12.4 | 286.2 |
| | E 1/4 | | |
| 15' N. | | 11.3 | 287.3 |
| N | | 8.6 | 290.0 |
| cl | | 7.3 | 291.3 |
| 1/4 | | 6.1 | 292.5 |
| C | | 5.1 | 293.5 |
| 1/4 | | 4.4 | 294.2 |
| cl | | 3.5 | 295.1 |
| S | | 2.8 | 295.8 |

298.0

30.5 ft. W of Elk line

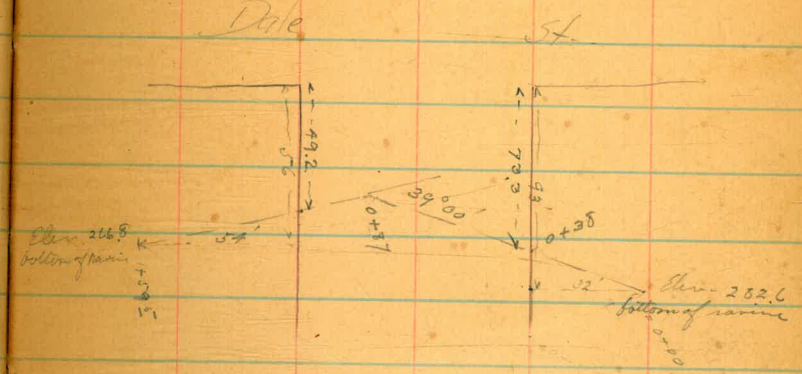
= Park line.

| | | |
|---|---|---|
| S | 3.3 | 295.3 |
| S | 4.1 | 294.5 |
| 1/0 | 4.9 | 293.7 |
| S | 5.9 | 292.7 |
| 1/4 | 7.2 | 291.4 |
| S | 8.3 | 290.3 |
| N | 10.3 | 288.3 |
| 15' N | 15.5 | 283.1 |

9. Hatch
14. Moore
10 Rogers

Location of Culvert on Palm St. bet. Dale Ave 30th

| | | | | | |
|---|---|---|---|---|---|
| TP 12 Waterpipe at 30th. | 2.35 | 307.68 | | 305.33 | |
| | 0.41 | 295.51 | 12.58 | 295.10 | |
| | | | 12.9 | 282.6 | Grade 303.9 |
| | 0.1 | 283.23 | 12.88 | 283.13 | |
| | 4.38 | 276.75 | 10.86 | 272.37 | |
| 1+59.5 | | | 10.0 | 266.75 | grade 302.9 |
| 1+45 | | | 8.8 | 268.00 | |
| 1+25 | | | 4.9 | 271.8 | |
| 1 | | | 2.5 | 274.3 | |
| 0+87 | | | 2.4 | 274.4 | |
| TP | 12.60 | 286.60 | 2.75 | 274.00 | |
| 0+75 | | | 11.5 | 275.1 | |
| 0+50 | | | 8.9 | 278.7 | |
| 0+38 = NL Palm St. | | | 6.5 | 280.1 | |
| 0+20 | | | 4.5 | 282.1 | |
| 0+00 | | | 4.0 | 282.6 | |




Line follows bottom of ravine.

9/15 Hatch Xsec 28th St. from
Moore
10 Rogers Upas to Nutmeg

| | | | | |
|---|---|---|---|---|
| TP | 0.68 | 310.34 | | 309.66 |
| TP | 6.51 | 304.50 | 12.35 | 297.99 |

Pueblo Line on Nutmeg

| | | |
|---|---|---|
| E | 12.9 | 291.6 |
| +4 | 13.2 | 291.3 |
| +7 | 13.8 | 290.7 |
| CS | 13.7 | 290.8 |
| 1/4 | 14.1 | 290.4 |
| Pueblo Cor. | 14.7 | 289.8 |

10' N of P.L.

| | | |
|---|---|---|
| W = Park line | 14.7 | 289.8 |
| 1/4 | 13.7 | 290.8 |
| CS | 13.5 | 291.0 |
| +3 | 13.6 | 290.9 |
| +6 | 12.8 | 291.7 |
| E | 12.6 | 291.9 |

20' N.

| | | |
|---|---|---|
| E | 12.5 | 292.0 |
| +4 | 12.8 | 291.7 |
| +7 | 13.5 | 291.0 |
| CS | 13.8 | 291.2 |
| 1/4 | 13.5 | 291.0 |
| Park line | 14.2 | 290.3 |

30450

30' N of P.L. = N.L. Nutmeg

| | | |
|---|---|---|
| Park line | 13.8 | 290.7 |
| 1/4 | 13.2 | 291.3 |
| CS | 13.2 | 291.3 |
| +3 | 13.2 | 291.3 |
| +6 | 12.6 | 291.9 |
| E | 12.2 | 292.3 |

25' N.

| | | |
|---|---|---|
| E | 11.8 | 292.7 |
| +4 | 12.2 | 292.3 |
| +7 | 12.8 | 291.7 |
| CS | 12.7 | 291.8 |
| 1/4 | 12.7 | 291.8 |
| Park line | 13.6 | 290.9 |

50' N

| | | |
|---|---|---|
| Park line | 13.0 | 291.5 |
| 1/4 | 12.1 | 292.4 |
| CS | 12.1 | 292.4 |
| +3 | 12.4 | 292.1 |
| +6 | 11.6 | 292.9 |
| E | 11.2 | 293.3 |

75' N

| | | |
|---|---|---|
| E | 10.7 | 293.8 |
| +4 | 10.8 | 293.7 |
| +7 | 11.7 | 292.8 |
| CS | 11.6 | 292.9 |

| | | |
|---|---|---|
| | 304.50 | |
| 1/4 | 11.5 | 293.0 |
| Park line | 12.5 | 292.0 |
| | 100' N | |
| Park line | 11.9 | 292.6 |
| 1/4 | 11.2 | 293.3 |
| CL | 11.0 | 293.5 |
| +3 | 11.1 | 293.4 |
| +6 | 10.4 | 294.1 |
| E | 10.0 | 294.5 |
| | 125' N | |
| E | 9.4 | 295.1 |
| +4 | 9.6 | 294.9 |
| +7 | 10.4 | 294.1 |
| CL | 10.4 | 294.1 |
| 1/4 | 10.7 | 293.8 |
| Park line | 11.7 | 292.8 |
| | 150' N | |
| Park line | 11.1 | 293.4 |
| 1/4 | 10.2 | 294.3 |
| CL | 9.8 | 294.7 |
| +3 | 9.9 | 294.6 |
| +6 | 9.1 | 295.4 |
| | 8.8 | 295.7 |

| | | |
|---|---|---|
| | 304.50 | |
| | 175' N | |
| E | 8.4 | 296.1 |
| +4 | 8.8 | 295.7 |
| +7 | 9.6 | 294.9 |
| CL | 9.6 | 294.9 |
| 1/4 | 9.6 | 294.9 |
| Park line | 10.6 | 293.9 |
| | 200' N | |
| Park line | 10.1 | 294.4 |
| 1/4 | 9.1 | 295.4 |
| CL | 9.2 | 295.3 |
| +3 | 9.3 | 295.2 |
| +6 | 8.4 | 296.1 |
| E | 8.1 | 296.4 |
| | 225' N | |
| E | 7.6 | 296.9 |
| +4 | 8.0 | 296.5 |
| +7 | 8.3 | 295.7 |
| CL | 8.8 | 295.7 |
| 1/4 | 8.6 | 295.9 |
| Park line | 9.8 | 294.7 |

304.50

250 N

| | | |
|---|---|---|
| Park line | 9.2 | 295.3 |
| 1/4 | 8.1 | 296.4 |
| cb | 8.2 | 296.3 |
| +3 | 8.4 | 296.1 |
| +6 | 7.6 | 296.9 |
| E | 7.2 | 297.3 |

375 N

| | | |
|---|---|---|
| E | 7.0 | 297.5 |
| +4 | 7.3 | 297.2 |
| +7 | 8.1 | 296.4 |
| cb | 8.0 | 296.5 |
| 1/4 | 7.9 | 296.6 |
| Park line | 9.0 | 295.5 |

300 N

| | | |
|---|---|---|
| Park line | 8.6 | 295.9 |
| 1/4 | 7.6 | 296.9 |
| cb | 7.7 | 296.8 |
| +3 | 7.8 | 296.7 |
| +6 | 7.0 | 297.5 |
| E | 6.6 | 297.9 |

304.50

325 N

| | | |
|---|---|---|
| E | 6.2 | 298.3 |
| +4 | 6.7 | 297.8 |
| +7 | 7.5 | 297.0 |
| cb | 7.5 | 297.0 |
| 1/4 | 7.3 | 297.2 |
| Park line | 8.2 | 296.3 |

350 N

| | | |
|---|---|---|
| Park line | 8.0 | 296.5 |
| 1/4 | 7.1 | 297.4 |
| cb | 7.1 | 297.4 |
| +3 | 7.1 | 297.4 |
| +6 | 6.4 | 298.1 |
| E | 6.0 | 298.5 |

375 N

| | | |
|---|---|---|
| E | 5.6 | 298.9 |
| +4 | 6.1 | 298.4 |
| +7 | 6.9 | 297.6 |
| cb | 6.8 | 297.7 |
| 1/4 | 6.7 | 297.8 |
| Park line | 7.7 | 296.8 |

304.50

400' N

| | | |
|---|---|---|
| Park line | 7.5 | 297.0 |
| 1/4 | 6.5 | 298.0 |
| CB | 6.5 | 298.0 |
| + 3 | 6.6 | 297.9 |
| 6 | 5.9 | 298.6 |
| E | 5.3 | 299.2 |

425' N

| | | |
|---|---|---|
| E | 5.2 | 299.3 |
| + 4 | 5.6 | 298.9 |
| 7 | 6.3 | 298.2 |
| CB | 6.3 | 298.2 |
| 1/4 | 6.0 | 298.5 |
| Park line | 6.9 | 297.6 |

450' N

| | | |
|---|---|---|
| Park line | 6.8 | 297.7 |
| 1/4 | 6.0 | 298.5 |
| CB | 6.1 | 298.4 |
| + 3 | 6.2 | 298.3 |
| 6 | 5.3 | 299.2 |
| E | 5.0 | 299.5 |

304.50

475' N

| | | |
|---|---|---|
| E | 4.9 | 299.6 |
| + 4 | 5.2 | 299.3 |
| 7 | 5.9 | 298.6 |
| CB | 6.0 | 298.5 |
| 1/4 | 5.8 | 298.7 |
| Park line | 6.7 | 297.8 |

500' N

| | | |
|---|---|---|
| Park line | 6.7 | 297.8 |
| 1/4 | 6.1 | 298.4 |
| CB | 6.0 | 298.5 |
| + 3 | 5.9 | 298.6 |
| 6 | 5.1 | 299.4 |
| E | 4.8 | 299.7 |

525' N

| | | |
|---|---|---|
| E | 4.8 | 299.7 |
| + 4 | 5.2 | 299.3 |
| 7 | 6.1 | 298.4 |
| CB | 6.2 | 298.3 |
| 1/4 | 6.5 | 298.0 |
| Park line | 7.0 | 297.5 |

| | | | | |
|---|---|---|---|---|
| | | 304.50 | | |
| TP | 1.70 | 299.98 | 6.22 | 298.28 |
| | | 5+50 N. | | |
| Park line | | | 2.8 | 297.2 |
| ~~1/4~~ | | | 2.2 | 297.8 |
| cb. | | | 1.8 | 298.2 |
| + 3 | | | 1.7 | 298.3 |
| 6 | | | 0.6 | 299.4 |
| E | | | 0.5 | 299.5 |
| | | 5+75 N | | |
| E | | | 1.1 | 298.9 |
| + 4 | | | 1.4 | 298.6 |
| 7 | | | 2.3 | 297.7 |
| cb. | | | 2.3 | 297.7 |
| 1/4 | | | 2.8 | 297.2 |
| Park line | | | 3.4 | 296.6 |
| | | 6+00 N = St. Palm St | | |
| Park line | | | 4.5 | 295.5 |
| 1/4 | | | 4.1 | 295.9 |
| cb | | | 3.3 | 296.7 |
| E | | | 1.7 | 298.3 |

| | | | | |
|---|---|---|---|---|
| | | 299.98 | | |
| | | St. Palm. | | |
| 20' E | | | 6.0 | 294.00 |
| 15' E. | | | 8.4 | 291.6 |
| E line | | | 9.6 | 290.4 |
| cb | | | 10.0 | 290.0 |
| 1/4 | | | 9.9 | 290.1 |
| 15 | | | 9.8 | 290.2 |
| Park line | | | 11.4 | 288.6 |
| TP | 1.71 | 289.42 | 12.27 | 287.71 |
| | | 25 N. | | |
| Park line | | | 9.1 | 280.3 |
| 1/4 | | | 3.4 | 286.0 |
| +7 | | | 3.1 | 286.3 |
| cb | | | 5.2 | 284.2 |
| E | | | 8.8 | 280.6 |
| 15 E | | | 3.0 | 286.4 |
| | | 38 N | | |
| 30 E | | | 9.4 | 280.0 |
| E | | | 12.8 | 276.6 |
| cb | | | 13.3 | 276.1 |
| 1/4 | | | 14.0 | 275.4 |
| Park line | | | 14.7 | 274.7 |

| | | | | |
|---|---|---|---|---|
| | | 289.42 | | |
| | | 50' N | | |
| Park line | | | 8.5 | 280.9 |
| 1/4 | | | 4.7 | 284.7 |
| cb | | | 7.7 | 281.7 |
| E | | | 9.4 | 280.0 |
| 20 E | | | 10.8 | 278.6 |
| | | 75' N | | |
| 10' E | | | 0.4 | 289.0 |
| E | | | 2.4 | 287.0 |
| cb | | | 3.7 | 285.7 |
| 1/4 | | | 3.0 | 286.4 |
| Park line | | | 4.0 | 285.4 |
| | | 100' N | | |
| Park line | | | 1.6 | 287.8 |
| 1/4 | | | 1.1 | 288.3 |
| cb | | | 1.0 | 288.4 |
| +3 | | | 1.0 | 288.4 |
| T.P. | 1209 | 301.20 | 0.31 | 289.11 |

| | | | | |
|---|---|---|---|---|
| | | 301.20 | | |
| E | | | 9.9 | 291.3 |
| 20' E | | | 8.0 | 293.2 |
| | | 125' N | | |
| E | | | 7.1 | 294.1 |
| +5 | | | 9.4 | 291.8 |
| cb | | | 9.5 | 291.7 |
| 1/4 | | | 9.4 | 291.8 |
| Park line | | | 9.7 | 291.5 |
| | | 150' N | | |
| Park line | | | 6.5 | 294.7 |
| 1/4 | | | 6.3 | 294.9 |
| cb | | | 6.2 | 295.0 |
| +5 | | | 6.2 | 295.0 |
| +7 | | | 5.2 | 296.0 |
| E | | | 5.0 | 296.2 |
| T.P. | 1211 | 309.85 | 3.52 | 297.68 |

309.85

175 N

| | | |
|---|---|---|
| E | 11.5 | 298.4 |
| +3 | 11.7 | 298.2 |
| +5 | 12.5 | 297.4 |
| cb | 12.6 | 297.3 |
| 1/c | 12.4 | 297.5 |
| Park line | 12.9 | 297.0 |

250 N

| | | |
|---|---|---|
| Park line | 10.7 | 299.2 |
| 1/c | 10.5 | 299.4 |
| cb | 10.9 | 299.0 |
| +5 | 10.5 | 299.4 |
| +7 | 10.0 | 299.9 |
| E | 9.7 | 300.2 |

225 N

| | | |
|---|---|---|
| E | 8.2 | 301.7 |
| +3 | 8.4 | 310.5 |
| +5 | 9.2 | 300.7 |



309.85

| | | |
|---|---|---|
| cb | 9.4 | 300.5 |
| 1/c | 9.4 | 300.5 |
| Park line | 9.7 | 300.2 |

250 N

| | | |
|---|---|---|
| Park line | 8.7 | 301.2 |
| 1/c | 8.1 | 301.8 |
| cb | 8.2 | 301.7 |
| +5 | 7.9 | 302.0 |
| +9 | 7.3 | 302.6 |
| E | 7.1 | 302.8 |

275 N

| | | |
|---|---|---|
| E | 6.1 | 303.8 |
| +3 | 6.1 | 303.8 |
| +5 | 6.8 | 303.1 |
| cb | 7.0 | 302.9 |
| 1/c | 7.0 | 302.9 |
| Park line | 7.4 | 302.5 |

| | | |
|---|---|---|
| 309.85 | | |
| 300' N | | |
| Park line | 6.5 | 303.4 |
| 1/4 | 6.0 | |
| cb | 5.9 | |
| +5 | 6.0 | |
| +7 | 5.2 | |
| E | 5.1 | 304.8 |
| 325' N | | |
| E | 4.7 | 305.7 |
| +4 | 4.6 | |
| +6 | 5.2 | |
| cb. | 5.3 | |
| 1/4 | 5.2 | |
| Park line | 5.5 | 304.4 |
| 350' N | | |
| Park line | 5.0 | 304.9 |
| 1/4 | 4.6 | |

| | | |
|---|---|---|
| 309.85 | | |
| cb | 4.7 | |
| +4 | 4.6 | |
| +6 | 3.9 | |
| E | 3.8 | 306.1 |
| 375' N | | |
| E | 3.3 | 306.6 |
| +4 | 3.6 | |
| +6 | 4.2 | |
| cb. | 4.1 | |
| 1/4 | 4.3 | |
| Park line | 4.8 | 305.1 |
| 400' N | | |
| Park line | 4.6 | 305.3 |
| 1/4 | 4.1 | |
| cb | 4.0 | |
| 4 | 3.9 | |
| +6 | 3.3 | |
| E | 3.1 | 306.8 |

| | | | | |
|---|---|---|---|---|
| | | 309.85 | | |
| | | 425' N | | |
| E | | | 3.2 | 306.7 |
| +5 | | | 3.5 | |
| +7 | | | 4.2 | |
| cb | | | 4.2 | |
| 1/4 | | | 4.2 | |
| Park line | | | 4.5 | 305.4 |
| | | 450 N | | |
| Park line | | | 4.6 | 305.3 |
| 1/4 | | | 4.1 | |
| cb | | | 4.1 | |
| +4 | | | 3.8 | |
| 6 | | | 2.9 | |
| E | | | 2.8 | 307.1 |
| TP | 8.48 | 314.33 | 4.00 | 305.85 |
| | | 475' N | | |
| E | | | 7.5 | 306.8 |
| +5 | | | 7.9 | |
| +7 | | | 8.4 | |

| | | | | |
|---|---|---|---|---|
| | | 314.33 | | |
| cb | | | 8.6 | |
| 1/4 | | | 8.4 | |
| Park line | | | 8.8 | 305.5 |
| | | 500' N | | |
| Park line | | | 8.3 | 306.0 |
| 1/4 | | | 8.1 | |
| cb | | | 8.1 | |
| +3 | | | 8.1 | |
| +5 | | | 7.7 | |
| E | | | 7.5 | 306.8 |
| | | 525' N | | |
| E | | | 6.6 | 307.7 |
| 5 | | | 6.9 | |
| +7 | | | 7.4 | |
| cb | | | 7.5 | |
| 1/4 | | | 7.4 | |
| Park line | | | 7.9 | 306.4 |
| | | 550' N | | |
| Park line | | | 7.6 | 306.7 |

31433

| | | |
|---|---|---|
| 1/4 | 6.8 | 307.5 |
| cb | 6.9 | |
| +3 | 6.9<br>6.1 | |
| E | 6.1 | 308.2 |

575' N

| | | |
|---|---|---|
| E | 5.6 | 308.7 |
| +7 | 6.0<br>6.5 | |
| cb | 6.5 | |
| 1/4 | 6.7 | |
| Park line | 7.3 | 307.0 |

600' N = St. Redwood.

| | | |
|---|---|---|
| Park line | 6.9 | 307.4 |
| 1/4 | 6.4 | |
| cb | 6.0 | |
| +7<br>4 | 5.9<br>5.3 | |
| E | 5.4 | 308.9 |

31433

St. Cb. Redwood

| | | |
|---|---|---|
| E | 5.4 | 308.9 |
| cb | 5.9 | |
| 1/4 | 6.3 | |
| Park line | 7.0 | 307.3 |

S 1/4

| | | |
|---|---|---|
| Park line | 6.6 | 307.7 |
| 1/4 | 6.0 | |
| cb | 5.5 | |
| E | 5.0 | 309.3 |

Cb.

| | | |
|---|---|---|
| E | 5.0 | 309.3 |
| cb | 5.4 | |
| 1/4 | 6.0 | |
| Park line | 6.6 | 307.7 |

N 1/4

| | | |
|---|---|---|
| Park line | 6.7 | 307.6 |

| | | | |
|---|---|---|---|
| | 314.33 | | |
| 1/4 | | 6.1 | 308.7 |
| cb | | 5.4 | |
| E | | 4.9 | 309.4 |
| | N cb. | | |
| E | | 4.8 | 309.5 |
| cb | | 5.7 | |
| 1/4 | | 6.3 | |
| Park line | | 6.7 | 307.6 |
| | N Line Redwood | | |
| Park line | | 6.6 | 307.7 |
| 1/4 | | 6.1 | |
| cb | | 4.7 | |
| E | | 4.6 | 309.7 |
| | 25' N | | |
| E | | 4.4 | 309.9 |
| cb | | 5.1 | |
| 1/4 | | 5.8 | |
| Park line | | 6.0 | 308.3 |

| | | | |
|---|---|---|---|
| | 314.33 | | |
| | 50 N | | |
| Park line | | 5.7 | 308.6 |
| 1/4 | | 5.3 | |
| cb | | 4.6 | |
| E | | 4.3 | 310.0 |
| | 75' N | | |
| E | | 4.3 | 310.0 |
| cb | | 4.7 | |
| 1/4 | | 5.0 | |
| Park line | | 5.7 | 308.6 |
| | 100 N | | |
| Park line | | 6.5 | 307.8 |
| 1/4 | | 5.7 | |
| cb | | 5.0 | |
| E | | 4.1 | 310.7 |

| | | | | |
|---|---|---|---|---|
| | | 314.33 | | |
| | 125' N | | | |
| E | | | 5.0 | 309.3 |
| cb | | | 6.2 | |
| 1/4 | | | 7.5 | |
| Park line | | | 9.2 | 305.1 |
| | 140' N | | | |
| Park line | | | 12.7 | 301.6 |
| 1/4 | | | 10.6 | |
| cb | | | 8.4 | |
| E | | | 6.0 | 308.3 |
| | 150' N | | | |
| E | | | 8.8 | 305.5 |
| cb | | | 11.6 | |
| T.P | 1.25 | 303.23 | 12.35 | 301.98 |
| 1/4 | | | 2.9 | |
| Park line | | | 5.8 | 297.4 |

| | | | | |
|---|---|---|---|---|
| | | 303.23 | | |
| | 175' N | | | |
| 15' E | | | 0.0 | 303.2 |
| E | | | 5.4 | 297.8 |
| cb | | | 9.1 | 94.1 |
| 1/4 | | | 12.6 | 90.6 |
| Park line | | | 17.5 | 285.7 |
| | 185' N | | | |
| Park line | | | 19.7 | 283.5 |
| 1/4 | | | 15.5 | 87.7 |
| cb | | | 11.4 | 91.8 |
| E | | | 7.8 | 295.4 |
| 15' E | | | 2.2 | 301.0 |
| | 200' N | | | |
| 20' E | | | 4.5 | 98.7 |
| E | | | 13.7 | 289.5 |
| cb | | | 16.6 | 86.6 |
| 1/4 | | | 12.8 | 90.4 |
| Park line | | | 10.1 | 293.1 |

| | | | | |
|---|---|---|---|---|
| | | 303.23 | | |
| | | 225' N | | |
| Park line | | | 1.5 | 301.7 |
| 1/4 | | | 5.8 | 97.4 |
| cb. | | | 9.4 | 93.8 |
| E | | | 12.9 | 290.3 |
| 10 E | | | 12.4 | 90.8 |
| 25 E | | | 6.9 | 96.3 |
| | | 250' N | | |
| 25 E | | | 7.8 | 295.4 |
| 15 E | | | 11.3 | 291.9 |
| T.P. | 99.2 | 308.97 | 4.18 | 299.05 |
| E | | | 16.0 | 293.0 |
| cb. | | | 9.1 | 99.9 |
| | | 275' N | | |
| 35' E | | | 12.5 | 296.5 |
| 25' E | | | 15.5 | 293.5 |
| E | | | 7.7 | 301.3 |
| cb. | | | 3.2 | 305.8 |
| T.P. | 7.00 | 315.10 | 0.87 | 308.10 |

| | | | | |
|---|---|---|---|---|
| | | 315.10 | | |
| | | 250' N | | |
| 1/4 | | | 11.1 | 304.0 |
| Park line | | | 7.7 | 307.4 |
| | | 275 N | | |
| 1/4 | | | 5.4 | 309.7 |
| Park line | | | 5.0 | 310.1 |
| | | 300' N | | |
| 35 E | | | 17.0 | 298.1 |
| 25 E | | | 21.2 | 293.9 |
| E | | | 9.0 | 306.1 |
| cb. | | | 4.6 | |
| 1/4 | | | 3.9 | |
| Park line | | | 4.1 | 311.0 |
| | | 325' N | | |
| Park line | | | 3.2 | 311.9 |
| 1/4 | | | 3.1 | |
| cb | | | 3.1 | |
| E | | | 4.1 | 311.0 |
| 10' E | | | 9.0 | 306.1 |

| | | | | |
|---|---|---|---|---|
| | | 325.10 | | |
| | | 350' N | | |
| E | | | 1.9 | 313.2 |
| cb | | | 2.1 | |
| 1/c | | | 2.2 | |
| Park line | | | 2.2 | 312.9 |
| | | 375' N | | |
| Park line | | | 0.8 | 314.3 |
| 1/c | | | 1.0 | |
| cb | | | 1.0 | |
| E | | | 1.2 | 313.9 |
| T.P. | 9.96 | 324.65 | 0.41 | 314.69 |
| | | 400' N | | |
| E | | | 9.6 | 315.0 |
| cb | | | 9.8 | |
| 1/c | | | 10.2 | |
| Park line | | | 10.4 | 314.2 |

| | | | | |
|---|---|---|---|---|
| | | 324.65 | | |
| | | 425 N | | |
| Park line | | | 9.1 | 315.5 |
| 1/c | | | 8.9 | |
| cb | | | 8.9 | |
| E | | | 8.6 | 316.0 |
| | | 450' E | | |
| E | | | 7.6 | 317.0 |
| cb | | | 8.0 | |
| 1/c | | | 7.8 | |
| Park line | | | 8.4 | 316.2 |
| | | 475' E | | |
| Park line | | | 8.0 | 316.6 |
| 1/c | | | 7.5 | |
| cb | | | 7.1 | |
| E | | | 6.8 | 317.8 |

| | | |
|---|---|---|
| 324.65 | | |
| 500' N | | |
| E | 6.4 | 318.2 |
| cb | 6.6 | |
| 1/4 | 6.7 | |
| Park line | 7.0 | 317.6 |
| 525' N | | |
| Park line | 6.7 | 317.9 |
| 1/4 | 6.5 | |
| cb | 5.4 | |
| E | 5.2 | 319.4 |
| 550' N | | |
| E | 4.8 | 319.8 |
| cb | 5.5 | |
| 1/4 | 5.6 | |
| Park line | 5.9 | 318.7 |

| | | |
|---|---|---|
| 324.65 | | |
| 575' N | | |
| Park line | 4.6 | 320.0 |
| 1/4 | 4.1 | |
| cb | 4.8 | |
| E | 4.5 | 320.1 |
| 600' N = SL Thorn St. | | |
| E | 4.1 | 320.5 |
| cb | 4.4 | |
| 1/4 | 4.5 | |
| Park line | 4.6 | 320.0 |
| 5 cb. | | |
| Park line (33') | 4.3 | 320.3 |
| 1/4 | 4.1 | |
| cb | 4.1 | |
| E | 3.3 | 321.3 |

30'

32465

S 1/4

| | | |
|---|---|---|
| E | 3.3 | 321.3 |
| cb | 3.8 | |
| 1/4 | 3.6 | |
| c | 3.9 | |
| Parkline (35') | 4.0 | 320.6 |

cr.

| | | |
|---|---|---|
| Parkline (37') | 3.6 | 321.0 |
| c | 3.6 | |
| 1/4 | 3.5 | |
| cb | 3.4 | |
| E | 3.3 | 321.3 |

N 1/4

| | | |
|---|---|---|
| E | 2.7 | 321.9 |
| cb | 3.1 | |
| 1/4 | 3.3 | |
| c | 3.2 | |
| Parkline (40') | 3.2 | 321.4 |

32465

N cb

| | | |
|---|---|---|
| 42 = Parkline | 3.0 | 321.6 |
| cr | 3.0 | |
| 1/4 | 2.8 | |
| cb | 2.6 | |
| E | 2.2 | 322.4 |

N.L. Thorne

| | | |
|---|---|---|
| E | 2.0 | 322.6 |
| cb | 2.2 | |
| 1/4 | 2.5 | |
| c | 2.8 | |
| 1/4 | 3.1 | |
| 64 - Parkline | 2.9 | 321.7 |
| TP 687 | 329.00 | 2.52 322.13 |

35 N

| | | |
|---|---|---|
| E | 6.1 | 322.9 |
| cb | 6.2 | |
| 1/4 | 6.1 | |
| C | 6.2 | |

| | | | |
|---|---|---|---|
| | 329.00 | | |
| 1/a | 70 | | |
| Park Line | 70 | 327.0 | |
| | 50' N | | |
| E | 5.7 | 327.3 | |
| Sb | 5.6 | | |
| 1/a | 5.5 | | |
| C | 5.7 | | |
| 1/a | 6.2 | | |
| Park line | 6.3 | 327.7 | |
| | 75' N | | |
| Park line | 4.7 | 324.3 | |
| 1/a | 4.9 | | |
| C | 5.5 | | |
| 1/a | 5.4 | | |
| Sb | 5.3 | | |
| E | 5.0 | 324.0 | |

| | | | | |
|---|---|---|---|---|
| | 329.00 | | | |
| | 100' N | | | |
| E | | 4.8 | 324.2 | |
| Sb | | 4.9 | | |
| 1/a | | 4.8 | | |
| C | | 4.9 | | |
| 1/a | | 4.8 | | |
| Park line | | 4.7 | 324.3 | |
| | 125' N | | | |
| Park line | | 4.2 | 324.8 | |
| 1/a | | 4.3 | | |
| C | | 4.4 | | |
| 1/a | | 4.0 | | |
| Sb | | 3.6 | | |
| E | | 4.1 | 324.9 | |
| T.P. | 5.70 | 331.45 | 3.25 | 325.75 |

33145

| | | |
|---|---|---|
| 150 N | | |
| F | 6.6 | 3x4.8 |
| cb | 6.4 | |
| 1/4 | 6.2 | |
| C | 6.3 | |
| 1/4 | 6.2 | |
| Park line | 6.2 | 3x5.2 |
| 175 N | | |
| Park line | 6.1 | 3x5.3 |
| 1/4 | 6.1 | |
| C | 6.3 | |
| 1/4 | 6.5 | |
| cb | 6.6 | |
| F | 6.7 | 3x4.7 |
| 200 N | | |
| F | 6.4 | 3x5.0 |
| cb | 6.1 | |

33145

| | | |
|---|---|---|
| 1/4 | 5.8 | |
| C | 5.9 | |
| 1/4 | 6.0 | |
| Park Line | 5.8 | 3x5.6 |
| 225 N | | |
| Park Line | 5.8 | 3x5.6 |
| 1/4 | 5.9 | |
| C | 6.2 | |
| 1/4 | 6.3 | |
| cb | 6.6 | |
| F | 6.7 | 3x4.7 |
| 250 N | | |
| F | 5.7 | 3x6.3 |
| cb | 5.9 | |
| 1/4 | 6.2 | |
| C | 5.8 | |
| 1/4 | 5.2 | |
| Park Line | 4.9 | 3x6.5 |

33145

275' N

| | | |
|---|---|---|
| Park Line | 6.1 | 325.3 |
| 1/a | 6.0 | |
| c | 6.0 | |
| 1/a | 6.0 | |
| cb | 5.9 | |
| E | 4.6 | 326.8 |

300' N

| | | |
|---|---|---|
| E | 6.7 | 324.7 |
| cb | 5.8 | |
| 1/c | 4.9 | |
| c | 4.6 | |
| 1/a | 5.1 | |
| Park Line | 5.3 | 326.1 |

325 N

| | | |
|---|---|---|
| Park Line | 5.2 | 326.2 |
| 1/a | 5.2 | |

33145

| | | |
|---|---|---|
| c | 5.6 | |
| 1/a | 6.1 | |
| cb | 6.4 | |
| E | 6.4 | 325.0 |

350' N

| | | |
|---|---|---|
| E | 5.2 | 326.2 |
| cb | 6.2 | |
| 1/a | 5.2 | |
| c | 5.4 | |
| 1/a | 5.5 | |
| Park Line | 5.5 | 325.9 |

375' N

| | | |
|---|---|---|
| Park Line | 5.3 | 326.1 |
| 1/a | 5.1 | |
| c | 5.2 | |
| 1/c | 5.6 | |
| cb | 6.1 | |
| E | 6.1 | 325.3 |

| | | |
|---|---|---|
| | 331.45 | |
| | 400' N | |
| E | 5.6 | 325.8 |
| cb | 6.0 | |
| 1/4 | 5.3 | |
| c | 4.6 | |
| 1/4 | 4.6 | |
| Park Line | 4.8 | 326.6 |
| | 425' N | |
| Park Line | 5.4 | 326.0 |
| 1/4 | 5.4 | |
| c | 5.2 | |
| 1/4 | 5.4 | |
| cb | 5.8 | |
| E | 5.0 | 326.4 |
| | 450' N | |
| E | 5.2 | 326.2 |
| cb | 5.4 | |

| | | |
|---|---|---|
| | 331.45 | |
| 1/4 | 4.6 | |
| c | 4.1 | |
| 1/4 | 4.4 | |
| Park Line | 4.7 | 326.7 |
| | 475' N | |
| Park Line | 4.4 | 327.0 |
| 1/4 | 4.7 | |
| c | 5.0 | |
| 1/4 | 5.1 | |
| cb | 4.9 | |
| E | 4.5 | 326.9 |
| | 500' N | |
| E | 4.4 | 327.0 |
| cb | 4.1 | |
| 1/4 | 4.0 | |
| c | 4.2 | |
| 1/4 | 3.6 | |
| Park Line | 3.2 | 328.2 |

| | | | | |
|---|---|---|---|---|
| | | 331.45 | | |
| | | 525 'N | | |
| Park Line | | | 4.1 | 329.3 |
| 1/a | | | 4.3 | |
| c | | | 3.8 | |
| 1/a | | | 3.6 | |
| d | | | 4.0 | |
| E | | | 3.9 | 327.5 |
| | | 550 'N | | |
| E | | | 2.5 | 328.9 |
| d | | | 3.2 | |
| 1/a | | | 3.4 | |
| c | | | 3.2 | |
| 1/a | | | 3.1 | |
| Park Line | | | 3.1 | 328.8 |
| T.P. | 6.48 | 334.68 | 3.7 | 328.28 |
| | | 575 'N | | |
| Park Line | | | 5.7 | 329.0 |
| 1/a | | | 5.4 | |

| | | | | |
|---|---|---|---|---|
| | | 334.68 | | |
| c | | | 5.2 | |
| 1/a | | | 5.6 | |
| d | | | 6.2 | |
| E | | | 6.1 | 328.6 |
| | | 600 'N. = St. Ulpas | | |
| E | | | 5.2 | 329.5 |
| d | | | 5.1 | |
| 1/a | | | 5.7 | |
| c | | | 5.9 | |
| 1/a | | | 5.2 | |
| Park Line | | | 4.9 | 329.8 |
| Hub at Granada & Ulpas | | | 3.7 | 331.51 |

— Finis —
9/19/10

10 Hatch Xsec Robinson Ave from
1 Moore
10 Rogers El 10th To El Center

| | | | | | |
|---|---|---|---|---|---|
| BM | 228 | 290.06 | | 287.784 | SE Cor Rob. - Vermont - RR Spkin Pole |
| | | El 10th | | | |
| N | | | 7.4 | 282.7 | |
| cb | | | 7.8 | 282.3 | |
| 1/4 | | | 7.8 | 282.3 | |
| c | | | 7.8 | 282.3 | |
| 1/4 | | | 7.9 | 282.2 | |
| cb | | | 8.0 | 282.1 | |
| S | | | 7.8 | 282.3 | |
| | | 25' E | | | |
| S | | | 7.5 | 282.6 | |
| cb | | | 7.4 | 282.7 | |
| 1/4 | | | 7.4 | 282.7 | |
| c | | | 7.4 | 282.7 | |
| 1/4 | | | 6.5 | 283.6 | |
| cb | | | 7.0 | 283.1 | |
| N | | | 6.9 | 283.2 | |

| | | | | | |
|---|---|---|---|---|---|
| | | 290.06 | | | |
| | | 50' E | | | |
| N | | | 6.7 | 283.4 | |
| cb | | | 7.0 | 283.1 | |
| 1/4 | | | 6.9 | 283.2 | |
| c | | | 7.0 | 283.1 | |
| 1/4 | | | 6.9 | 283.2 | |
| cb | | | 7.1 | 283.0 | |
| S | | | 7.2 | 282.9 | |
| | | 75' E | | | |
| S | | | 6.6 | 283.5 | |
| cb | | | 6.6 | 283.5 | |
| 1/4 | | | 6.1 | 284.0 | |
| c | | | 6.1 | 284.0 | |
| 1/4 | | | 6.7 | 283.4 | |
| cb | | | 6.5 | 283.6 | |
| N | | | 6.3 | 283.8 | |

290.06

160°F

| | | |
|---|---|---|
| N | 5.3 | 284.8 |
| Cb | 6.2 | 283.9 |
| 1/a | 6.2 | 283.9 |
| c | 6.3 | 283.8 |
| 1/a | 6.3 | 283.8 |
| Cb | 6.4 | 283.7 |
| S | 6.3 | 283.8 |

125°F

| | | |
|---|---|---|
| S | 5.6 | 284.5 |
| Cb | 5.7 | 284.4 |
| 1/4 | 5.6 | 284.5 |
| c | 5.2 | 284.9 |
| 1/4 | 5.1 | 285.0 |
| Cb | 5.7 | 284.4 |
| N | 5.3 | 284.8 |



290.06

150°F

| | | |
|---|---|---|
| N | 4.6 | 285.5 |
| Cb | 5.0 | 285.1 |
| 1/a | 4.4 | 285.7 |
| c | 4.6 | 285.5 |
| 1/a | 5.3 | 284.8 |
| Cb | 5.4 | 284.7 |
| S | 5.3 | 284.8 |

175°F

| | | |
|---|---|---|
| S | 5.1 | 285.0 |
| Cb | 5.3 | 284.8 |
| 1/a | 5.0 | 285.1 |
| c | 4.9 | 285.2 |
| 1/a | 4.7 | 285.4 |
| Cb | 4.6 | 285.5 |
| N | 4.0 | 286.1 |

290.6

200' E

| | | |
|---|---|---|
| N | 5.2 | 284.9 |
| cb | 5.1 | 285.0 |
| 1/a | 5.2 | 284.9 |
| c | 4.5 | 285.6 |
| 1/a | 4.7 | 285.4 |
| cb | 5.1 | 285.0 |
| S | 4.9 | 285.2 |

225' E

| | | |
|---|---|---|
| S | 4.9 | 285.2 |
| cb | 5.0 | 285.1 |
| 1/a | 5.2 | 284.9 |
| c | 5.2 | 284.9 |
| 1/a | 5.3 | 284.8 |
| cb | 5.1 | 285.0 |
| N | 4.6 | 285.5 |



290.6

250' E

| | | |
|---|---|---|
| N | 4.6 | 285.5 |
| cb | 4.9 | 285.2 |
| 1/a | 5.0 | 285.1 |
| a | 5.3 | 284.8 |
| 1/a | 5.2 | 284.9 |
| cb | 5.0 | 285.1 |
| S | 4.9 | 285.2 |

275' E

| | | |
|---|---|---|
| S | 4.8 | 285.3 |
| cb | 5.1 | 285.0 |
| 1/a | 5.2 | 284.9 |
| c | 5.2 | 284.9 |
| 1/a | 4.9 | 285.2 |
| cb | 4.7 | 285.4 |
| N | 4.7 | 285.4 |

290.06

300' E

| | | |
|---|---|---|
| N | 4.5 | 285.6 |
| Cb | 4.5 | 285.6 |
| 1/4 | 4.4 | 285.7 |
| C | 4.9 | 285.2 |
| 1/4 | 5.2 | 284.9 |
| Cb | 5.1 | 285.0 |
| S | 4.9 | 285.2 |

325' E

| | | |
|---|---|---|
| S | 4.0 | 285.7 |
| Cb | 4.9 | 285.2 |
| 1/4 | 4.8 | 285.3 |
| C | 4.6 | 285.5 |
| 1/4 | 4.6 | 285.5 |
| Cb | 4.3 | 285.8 |
| N | 3.8 | 286.3 |

290.06

350' E

| | | |
|---|---|---|
| N | 3.5 | 296.6 |
| Cb | 3.7 | 296.4 |
| 1/4 | 3.6 | 296.5 |
| C | 4.3 | 295.8 |
| 1/4 | 4.7 | 295.4 |
| Cb | 4.5 | 295.6 |
| S | 4.2 | 295.9 |

375' E

| | | |
|---|---|---|
| S | 4.1 | 296.0 |
| Cb | 4.5 | 295.6 |
| 1/4 | 4.6 | 295.5 |
| C | 4.1 | 296.0 |
| 1/4 | 3.8 | 296.3 |
| Cb | 3.4 | 296.7 |
| N | 3.5 | 296.6 |

290.06

400 'E

| | | |
|---|---|---|
| N | 3.4 | 296.7 |
| Cb | 3.5 | 296.6 |
| 1/a | 3.6 | 296.5 |
| C | 3.9 | 296.2 |
| 1/c | 4.3 | 295.8 |
| Cb | 4.3 | 295.8 |
| S | 3.6 | 296.5 |

425 'E

| | | |
|---|---|---|
| S | 3.6 | 296.5 |
| Cb | 3.6 | 296.5 |
| 1/c | 3.7 | 296.4 |
| C | 3.4 | 296.7 |
| 1/a | 3.1 | 297.0 |
| Cb | 3.1 | 297.0 |
| N | 2.5 | 297.6 |

290.06

450 'E

| | | |
|---|---|---|
| N | 2.5 | 287.6 |
| Cb | 2.8 | 287.3 |
| 1/a | 2.9 | 287.2 |
| C | 3.4 | 286.7 |
| 1/c | 3.6 | 286.5 |
| Cb | 3.3 | 286.8 |
| S | 3.3 | 286.8 |

450 'E = Wh. Vermont

| | | |
|---|---|---|
| S | 3.3 | 286.8 |
| Cb | 3.2 | 286.9 |
| 1/c | 3.3 | 286.8 |
| C | 2.8 | 287.3 |
| 1/a | 2.4 | 287.7 |
| Cb | 1.2 | 288.9 |
| N | 1.3 | 288.8 |

29006

W cb. Vermont

| | | |
|---|---|---|
| N | 1.8 | 288.3 |
| cb | 2.2 | 287.9 |
| 1/4 | 2.4 | 287.7 |
| c | 2.8 | 287.3 |
| 1/4 | 3.2 | 286.9 |
| cb | 3.4 | 286.7 |
| S | 3.3 | 286.8 |

W 1/4 Vermont

| | | |
|---|---|---|
| S | 3.3 | 286.8 |
| cb | 3.3 | 286.8 |
| 1/4 | 2.9 | 287.2 |
| c | 2.5 | 288.6 |
| 1/4 | 2.2 | 288.9 |
| cb | 2.0 | 289.1 |
| N | 1.9 | 289.2 |

29006

Cr. Vermont

| | | |
|---|---|---|
| N | 1.5 | 288.6 |
| cb | 1.8 | 288.3 |
| 1/4 | 2.0 | 288.1 |
| c | 2.4 | 287.7 |
| 1/4 | 3.0 | 287.1 |
| cb | 3.1 | 287.0 |
| S | 3.2 | 2869 |

E 1/4 Vermont

| | | |
|---|---|---|
| S | 3.0 | 2871 |
| cb | 2.6 | 287.5 |
| 1/4 | 2.1 | 288.0 |
| c | 2.0 | 288.1 |
| 1/4 | 1.6 | 288.5 |
| cb | 1.3 | 288.8 |
| N | 1.0 | 289.1 |

TP 374 29260 1.20 28886

292.60

E cb Vermont

| | | |
|---|---|---|
| N | 3.7 | 288.9 |
| cb | 3.9 | 288.7 |
| 1/4 | 4.1 | 288.5 |
| c | 4.4 | 288.2 |
| 1/4 | 4.6 | 288.0 |
| cb | 5.2 | 287.4 |
| S | 5.3 | 287.3 |

E L Vermont

| | | |
|---|---|---|
| S | 4.8 | 287.8 |
| cb | 4.8 | 287.8 |
| 1/4 | 4.5 | 288.1 |
| c | 4.1 | 288.5 |
| 1/4 | 3.9 | 288.7 |
| cb | 3.8 | 288.8 |
| N | 3.5 | 289.1 |



292.60

25' E

| | | |
|---|---|---|
| N | 3.4 | 289.2 |
| cb | 3.6 | 289.0 |
| 1/4 | 3.7 | 288.9 |
| c | 3.9 | 288.7 |
| 1/4 | 4.4 | 288.2 |
| cb | 4.5 | 288.1 |
| S | 4.4 | 288.2 |

50' E

| | | |
|---|---|---|
| S | 4.1 | 288.5 |
| cb | 4.0 | 288.6 |
| 1/4 | 4.1 | 288.5 |
| c | 3.8 | 288.8 |
| 1/4 | 3.1 | 289.5 |
| cb | 3.5 | 289.1 |
| N | 3.3 | 289.3 |

292.60

75' E

| | | |
|---|---|---|
| N | 2.9 | 289.7 |
| cb | 3.2 | 289.4 |
| 1/4 | 3.5 | 289.1 |
| C | 3.5 | 289.1 |
| 1/4 | 3.8 | 288.8 |
| cb | 3.7 | 288.9 |
| S | 3.8 | 288.8 |

100' E

| | | |
|---|---|---|
| S | 3.6 | 289.0 |
| cb | 3.2 | 289.4 |
| 1/4 | 3.5 | 289.1 |
| C | 3.5 | 289.1 |
| 1/4 | 3.3 | 289.3 |
| cb | 2.9 | 289.7 |
| N | 2.1 | 290.5 |

292.60

125' E

| | | |
|---|---|---|
| N | 1.6 | 291.0 |
| cb | 2.1 | 290.5 |
| 1/4 | 2.4 | 290.2 |
| C | 2.4 | 290.2 |
| 1/4 | 3.1 | 289.5 |
| cb | 1.7 | 290.9 |
| S | 2.8 | 289.8 |

150' E

| | | |
|---|---|---|
| S | 1.9 | 290.7 |
| cb | 1.6 | 291.0 |
| 1/4 | 2.1 | 290.5 |
| C | 2.1 | 290.5 |
| 1/4 | 1.7 | 290.9 |
| cb | 1.2 | 291.4 |
| N | 1.0 | 291.6 |

| | | | | |
|---|---|---|---|---|
| | | 292.60 | | |
| | | 175' E | | |
| N | | | 1.4 | 291.2 |
| Cb | | | 1.2 | 291.4 |
| 1/4 | | | 1.5 | 291.1 |
| C | | | 1.5 | 291.1 |
| 1/4 | | | 1.3 | 291.3 |
| Cb | | | 1.4 | 291.2 |
| S | | | 1.6 | 291.0 |
| | | 200' E | | |
| S | | | 1.4 | 291.2 |
| Cb | | | 1.4 | 291.2 |
| 1/4 | | | 1.5 | 291.1 |
| C | | | 1.6 | 291.0 |
| 1/4 | | | 1.3 | 291.3 |
| Cb | | | 1.2 | 291.4 |
| N | | | 1.4 | 291.2 |
| T.P. | 474 | 296.00 | 1.34 | 291.26 |

| | | | | |
|---|---|---|---|---|
| | | 296.00 | | |
| 1 | | 225' E | | |
| N. | | | 4.6 | 291.4 |
| Cb | | | 4.6 | 291.4 |
| 1/4 | | | 4.5 | 291.5 |
| C | | | 4.7 | 291.3 |
| 1/4 | | | 4.9 | 291.1 |
| Cb | | | 5.0 | 291.0 |
| S | | | 4.6 | 291.4 |
| | | 250' E | | |
| S | | | 4.2 | 291.8 |
| Cb | | | 4.2 | 291.8 |
| 1/4 | | | 4.7 | 291.3 |
| C | | | 4.6 | 291.4 |
| 1/4 | | | 4.4 | 291.6 |
| Cb | | | 4.1 | 291.9 |
| N | | | 4.2 | 291.8 |

296.00

275' E

| | | |
|---|---|---|
| N | 4.1 | 291.9 |
| cb | 4.3 | 291.7 |
| 1/4 | 4.3 | 291.7 |
| c | 4.3 | 291.7 |
| 1/4 | 4.5 | 291.5 |
| cb | 4.4 | 291.6 |
| S | 4.3 | 291.7 |

300' E

| | | |
|---|---|---|
| S | 4.4 | 291.6 |
| cb | 4.3 | 291.7 |
| 1/4 | 4.0 | 292.0 |
| c | 4.1 | 291.9 |
| 1/4 | 4.1 | 291.9 |
| cb | 3.7 | 292.3 |
| N | 3.6 | 292.4 |



296.00

325' E

| | | |
|---|---|---|
| N | 3.4 | 292.6 |
| cb | 3.5 | 292.5 |
| 1/4 | 4.0 | 292.0 |
| c | 4.1 | 291.9 |
| 1/4 | 4.2 | 291.8 |
| cb | 4.4 | 291.6 |
| S | 4.6 | 291.4 |

350' E

| | | |
|---|---|---|
| S | 4.8 | 291.2 |
| cb | 4.4 | 291.6 |
| 1/4 | 4.1 | 291.9 |
| c | 4.1 | 291.9 |
| 1/4 | 3.9 | 292.1 |
| cb | 3.3 | 292.7 |
| N | 3.3 | 292.7 |

296.00

375' E

| | | | | |
|---|---|---|---|---|
| N | | | 3.2 | 292.8 |
| cb | | | 3.1 | 292.9 |
| 1/4 | | | 3.7 | 292.3 |
| c | | | 4.0 | 292.0 |
| 1/4 | | | 4.4 | 291.6 |
| cb | | | 4.2 | 291.8 |
| S | | | 4.3 | 291.7 |

400' E

| | | | | |
|---|---|---|---|---|
| S | | | 4.1 | 291.9 |
| cb | | | 4.2 | 291.8 |
| 1/4 | | | 4.4 | 291.6 |
| c | | | 4.2 | 291.8 |
| 1/4 | | | 3.8 | 292.2 |
| cb | | | 3.2 | 292.8 |
| N | | | 2.9 | 293.1 |

296.00

425' E

| | | | | |
|---|---|---|---|---|
| N | | | 3.2 | 292.8 |
| cb | | | 3.5 | 292.5 |
| 1/4 | | | 3.9 | 292.1 |
| c | | | 4.4 | 291.6 |
| 1/4 | | | 4.3 | 291.7 |
| cb | | | 4.0 | 292.0 |
| S | | | 3.8 | 292.2 |

450' E

| | | | | |
|---|---|---|---|---|
| S | | | 3.7 | 292.3 |
| cb | | | 3.9 | 292.1 |
| 1/4 | | | 4.1 | 291.9 |
| c | | | 3.9 | 292.1 |
| 1/4 | | | 3.9 | 292.1 |
| cb | | | 3.6 | 292.4 |
| N | | | 3.4 | 292.6 |
| FP | 5.00 | 297.48 | 3.52 | 292.48 |
| | | | 3.03 | 294.45 BM – |

9 | Clough
7 | Donnan
10 | Fitzpatrick

X see Robinson (80)

475' E of Vermont

| | | | | | |
|---|---|---|---|---|---|
| | 5.05 | 299.50 | | 294.45 | Bm sw Richmond |
| n | | | 6.5 | 293.0 | |
| bl | | | 6.8 | 292.7 | |
| y | | | 7.0 | 292.5 | |
| b | | | 7.1 | 292.4 | |
| y | | | 6.8 | 292.7 | |
| bl | | | 6.6 | 292.9 | |
| S | | | 6.8 | 292.7 | |
| | 500' | E of | Vermont st | | |
| S | | | 6.6 | 292.9 | |
| bl | | | 6.7 | 292.8 | |
| y | | | 6.7 | 292.8 | |
| b | | | 6.5 | 293.0 | |
| y | | | 6.4 | 293.1 | |
| bl | | | 6.6 | 292.9 | |
| n | | | 5.9 | 293.6 | |

29950

Robinson

| | | | | | |
|---|---|---|---|---|---|
| | 525' | E of | Vermont | | |
| n | | | 5.8 | 293.7 | |
| bl | | | 5.8 | 293.7 | |
| y | | | 6.1 | 293.4 | |
| b | | | 6.3 | 293.2 | |
| y | | | 6.5 | 293.0 | |
| bl | | | 6.6 | 292.9 | |
| S | | | 6.6 | 292.9 | |
| | 550' | E of | Vermont | | |
| S | | | 6.3 | 293.2 | |
| bl | | | 6.4 | 293.1 | |
| y | | | 5.9 | 293.6 | |
| b | | | 5.9 | 293.6 | |
| y | | | 5.4 | 294.1 | |
| bl | | | 5.4 | 294.1 | |
| n | | | 5.3 | 294.2 | |

299.50

575' E of Vermont st

| | | |
|---|---|---|
| n | 4.7 | 294.8 |
| bl | 5.1 | 294.4 |
| y | 5.1 | 294.4 |
| b | 5.3 | 294.2 |
| y | 5.7 | 293.8 |
| bl | 5.9 | 293.6 |
| S | 6.0 | 293.5 |

600' E = W line of Richmond (80)

| | | |
|---|---|---|
| S | 5.6 | 293.9 |
| bl | 5.7 | 293.8 |
| y | 4.9 | 294.6 |
| b | 5.0 | 294.5 |
| y | 4.7 | 294.8 |
| bl | 4.6 | 294.9 |
| n | 4.5 | 295.0 |

299.50

W bl of Richmond

| | | |
|---|---|---|
| n | 4.1 | 295.4 |
| bl | 4.0 | 295.5 |
| y | 4.2 | 295.3 |
| b | 4.8 | 294.7 |
| y | 4.7 | 294.8 |
| bl | 5.0 | 294.5 |
| S | 5.0 | 294.5 |

W ¼ of Richmond

| | | |
|---|---|---|
| S | 4.9 | 294.6 |
| bl | 4.8 | 294.7 |
| y | 4.6 | 294.9 |
| n | 4.5 | 295.0 |
| y | 4.2 | 295.3 |
| bl | 4.3 | 295.2 |
| n | 4.1 | 295.4 |

299.50

Center of Richmond

| | | | |
|---|---|---|---|
| h | | 4.2 | 295.3 |
| bl | | 4.2 | 295.3 |
| y | | 4.3 | 295.2 |
| b | | 4.3 | 295.2 |
| y | | 4.3 | 295.2 |
| bl | | 4.4 | 295.1 |
| S | | 4.6 | 294.9 |

E 1/4 of Richmond

| | | | |
|---|---|---|---|
| S | | 4.4 | 295.1 |
| bl | | 4.3 | 295.2 |
| y | | 4.0 | 295.5 |
| b | | 4.1 | 295.4 |
| y | | 3.9 | 295.6 |
| bl | | 4.0 | 295.5 |
| n | | 4.0 | 295.5 |

299.50

E bk of Richmond

| | | | |
|---|---|---|---|
| h | | 4.2 | 295.3 |
| bl | | 4.2 | 295.3 |
| y | | 3.9 | 295.6 |
| b | | 4.2 | 295.3 |
| y | | 4.2 | 295.3 |
| bl | | 4.2 | 295.3 |
| S | | 3.9 | 295.6 |

E Line of Richmond

| | | | |
|---|---|---|---|
| S | | 4.2 | 295.3 |
| bl | | 4.0 | 295.5 |
| y | | 4.4 | 295.1 |
| b | | 4.3 | 295.2 |
| y | | 4.1 | 295.4 |
| bl | | 4.3 | 295.2 |
| n | | 4.4 | 295.1 |
| TP - | 4.02 | 299.14 | 4.38 | 295.12 |

NE H of Richmond
Robinson

| | | | | |
|---|---|---|---|---|
| | | 299.14 | | |
| | 25' | E of | Richmond | |
| n | | | 4.0 | 295.1 |
| bl | | | 4.0 | 295.1 |
| y | | | 4.0 | 295.1 |
| b | | | 4.2 | 294.9 |
| y | | | 4.4 | 294.7 |
| bl | | | 4.1 | 295.0 |
| S | | | 4.0 | 295.1 |
| | 50' | E of | Richmond | |
| S | | | 4.2 | 294.9 |
| bl | | | 4.4 | 294.7 |
| y | | | 4.7 | 294.4 |
| b | | | 4.6 | 294.5 |
| y | | | 4.4 | 294.7 |
| bl | | | 4.6 | 294.5 |
| | | | 4.9 | 294.2 |

| | | | | | |
|---|---|---|---|---|---|
| | | 299.14 | | | |
| | 75' | E of | Richmond | | |
| n | | | 4.8 | 294.3 | |
| bl | | | 5.3 | 293.8 | |
| y | | | 5.5 | 293.6 | |
| b | | | 5.4 | 293.7 | |
| y | | | 5.6 | 293.5 | |
| bl | | | 5.4 | 293.7 | |
| S | | | 5.1 | 294.0 | |
| | 100' | E of | Richmond | | |
| S | | | 5.6 | 293.6 | |
| bl | | | 5.8 | 293.3 | |
| y | | | 6.0 | 293.1 | |
| b | | | 6.0 | 293.1 | |
| y | | | 5.7 | 293.4 | |
| b | | | 5.4 | 293.7 | |
| n | | | 5.2 | 293.9 | |
| | | | | | 125 |
| Tp | 1.50 | 293.84 | 6.80 | 292.34 | |

| | | | | |
|---|---|---|---|---|
| | | 29.384 | | |
| | 125' | E of | Richmond | |
| R | | | 1.5 | 292.3 |
| bl | | | 1.9 | 291.9 |
| bl | | | 2.6 | 291.2 |
| b | | | 3.0 | 290.8 |
| y | | | 2.4 | 291.4 |
| bl | | | 1.5 | 292.3 |
| S | | | 0.8 | 293.0 |
| | 150' | E of | Richmond | |
| S | | | 4.5 | 289.3 |
| bl | | | 5.0 | 288.8 |
| y | | | 6.5 | 287.3 |
| b | | | 7.9 | 285.9 |
| y | | | 7.5 | 286.3 |
| bl | | | 6.2 | 287.6 |
| R | | | 6.7 | 287.1 |
| TP | 1.12 | 28.11 | 12.85 | 280.99 |

| | | | | |
|---|---|---|---|---|
| | | 28.11 | | |
| | 175' | E of | Richmond | |
| 10' R of R2 | | | 4.1 | 278.0 |
| R2 | | | 3.5 | 278.6 |
| bl | | | 3.7 | 278.4 |
| y | | | 4.2 | 277.9 |
| b | | | 4.3 | 277.8 |
| y | | | 3.0 | 278.1 |
| bl | | | 2.0 | 280.1 |
| S2 | | | 0.8 | 281.3 |
| 10' S of S2 | | | +1.0 | 283.2 |
| | 200' | E of | Richmond | |
| 10' S of S2 (below S) | | | 9.0 | 273.1 |
| S2 | | | 10.7 | 271.4 |
| bl | | | 11.0 | 271.1 |
| y | | | 11.3 | 270.8 |
| b | | | 12.7 | 269.4 |
| y | | | 13.6 | 268.5 |
| bl | | | 13.2 | 268.9 |
| bl | | | 12.7 | 269.4 |
| 20' R of R2 | | | 12.7 | 269.4 |

282.11

211' E of Richmond

| | | |
|---|---|---|
| 20' n of n l | 12.0 | 270.1 |
| 10' " " " | 14.0 | 268.1 |
| n l | 14.2 | 267.9 |
| bl | 14.7 | 267.4 |
| y | 15.7 | 266.4 |
| l | 15.7 | 266.4 |
| y | 15.2 | 266.9 |
| bl | 14.3 | 267.8 |
| S l | 13.7 | 268.4 |
| 10' s of S l | 13.4 | 268.7 |
| 20' s of S l | 13.0 | 269.1 |

225' E of Richmond

| | | |
|---|---|---|
| 20' s of S l | 17.6 | 264.5 |
| 10' " " | 17.4 | 264.7 |
| S l | 17.2 | 264.9 |
| bl | 17.2 | 264.9 |
| y | 17.4 | 264.7 |
| l | 15.2 | 266.9 |
| y | 11.8 | 270.3 |
| bl | 8.7 | 272.4 |
| n l | 7.4 | 272.7 |
| 10' n of n l | 7.0 | 275.1 |

282.11

Robinson

236' E of Richmond

| | | |
|---|---|---|
| 10' n of n l | 1.6 | 280.5 |
| n l | 2.7 | 279.4 |
| bl | 5.5 | 276.6 |
| y | 7.7 | 274.4 |
| l | 12.0 | 270.1 |
| y | 13.6 | 268.5 |
| bl | 15.5 | 266.6 |
| S l | 16.9 | 265.2 |
| 10' s of S l | 17.1 | 265.0 |
| 20' s of S l | 18.2 | 263.9 |

250' E = W l of Albert St (80)

| | | |
|---|---|---|
| 20' s of S l | 14.5 | 268.6 |
| 10' s of S l | 12.5 | 269.6 |
| S l | 11.0 | 271.1 |
| bl | 9.1 | 273.0 |
| y | 7.3 | 274.8 |
| l | 7.1 | 275.0 |
| y | 5.0 | 277.0 |
| bl | 1.6 | 280.5 |
| n l | 0.0 | 282.1 |
| 10' n | +1.0 | 283.1 |
| 20 | | |

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# TRAVERSE TABLE FOR TRANSIT BOOK.

From 1° to 90° for a distance of 100.

| Degrees. | DEGREES. | | ¼ DEGREE. | | ½ DEGREE. | | ¾ DEGREE. | | Degrees. |
|---|---|---|---|---|---|---|---|---|---|
| | Lat. | Dep. | Lat. | Dep. | Lat. | Dep. | Lat. | Dep. | |
| 0 | | | 100.00 | 0.44 | 100.00 | 0.87 | 99.99 | 1.31 | 89 |
| 1 | 99.98 | 1.75 | 99.98 | 2.18 | 99.97 | 2.62 | 99.95 | 3.05 | 88 |
| 2 | 99.94 | 3.49 | 99.92 | 3.93 | 99.91 | 4.36 | 99.88 | 4.80 | 87 |
| 3 | 99.86 | 5.23 | 99.84 | 5.67 | 99.81 | 6.10 | 99.79 | 6.54 | 86 |
| 4 | 99.76 | 6.98 | 99.73 | 7.41 | 99.69 | 7.85 | 99.66 | 8.28 | 85 |
| 5 | 99.62 | 8.72 | 99.58 | 9.15 | 99.54 | 9.58 | 99.50 | 10.02 | 84 |
| 6 | 99.45 | 10.45 | 99.41 | 10.89 | 99.36 | 11.32 | 99.31 | 11.75 | 83 |
| 7 | 99.25 | 12.19 | 99.20 | 12.62 | 99.14 | 13.05 | 99.09 | 13.49 | 82 |
| 8 | 99.03 | 13.92 | 98.97 | 14.35 | 98.90 | 14.78 | 98.84 | 15.21 | 81 |
| 9 | 98.77 | 15.64 | 98.70 | 16.07 | 98.63 | 16.50 | 98.56 | 16.93 | 80 |
| 10 | 98.48 | 17.36 | 98.40 | 17.79 | 98.33 | 18.22 | 98.25 | 18.65 | 79 |
| 11 | 98.16 | 19.08 | 98.08 | 19.51 | 97.99 | 19.94 | 97.90 | 20.36 | 78 |
| 12 | 97.81 | 20.79 | 97.72 | 21.22 | 97.63 | 21.64 | 97.53 | 22.07 | 77 |
| 13 | 97.44 | 22.50 | 97.34 | 22.92 | 97.24 | 23.34 | 97.13 | 23.77 | 76 |
| 14 | 97.03 | 24.19 | 96.92 | 24.62 | 96.81 | 25.04 | 96.70 | 25.46 | 75 |
| 15 | 96.59 | 25.88 | 96.48 | 26.30 | 96.36 | 26.72 | 96.25 | 27.14 | 74 |
| 16 | 96.13 | 27.56 | 96.00 | 27.98 | 95.88 | 28.40 | 95.76 | 28.82 | 73 |
| 17 | 95.63 | 29.24 | 95.50 | 29.65 | 95.37 | 30.07 | 95.24 | 30.49 | 72 |
| 18 | 95.11 | 30.90 | 94.97 | 31.32 | 94.83 | 31.73 | 94.69 | 32.14 | 71 |
| 19 | 94.55 | 32.56 | 94.41 | 32.97 | 94.26 | 33.38 | 94.12 | 33.79 | 70 |
| 20 | 93.97 | 34.20 | 93.82 | 34.61 | 93.67 | 35.02 | 93.51 | 35.43 | 69 |
| 21 | 93.36 | 35.84 | 93.20 | 36.24 | 93.04 | 36.65 | 92.88 | 37.06 | 68 |
| 22 | 92.72 | 37.46 | 92.55 | 37.86 | 92.39 | 38.27 | 92.22 | 38.67 | 67 |
| 23 | 92.05 | 39.07 | 91.88 | 39.47 | 91.71 | 39.87 | 91.53 | 40.27 | 66 |
| 24 | 91.35 | 40.67 | 91.18 | 41.07 | 91.00 | 41.47 | 90.81 | 41.87 | 65 |
| 25 | 90.63 | 42.26 | 90.45 | 42.66 | 90.26 | 43.05 | 90.07 | 43.44 | 64 |
| 26 | 89.88 | 43.84 | 89.69 | 44.23 | 89.49 | 44.62 | 89.30 | 45.01 | 63 |
| 27 | 89.10 | 45.40 | 88.90 | 45.79 | 88.70 | 46.17 | 88.50 | 46.56 | 62 |
| 28 | 88.29 | 46.95 | 88.09 | 47.33 | 87.88 | 47.72 | 87.67 | 48.10 | 61 |
| 29 | 87.46 | 48.48 | 87.25 | 48.86 | 87.04 | 49.24 | 86.82 | 49.62 | 60 |
| 30 | 86.60 | 50.00 | 86.38 | 50.38 | 86.16 | 50.75 | 85.94 | 51.13 | 59 |
| 31 | 85.72 | 51.50 | 85.49 | 51.88 | 85.26 | 52.25 | 85.04 | 52.62 | 58 |
| 32 | 84.80 | 52.99 | 84.57 | 53.36 | 84.34 | 53.73 | 84.10 | 54.10 | 57 |
| 33 | 83.87 | 54.46 | 83.63 | 54.83 | 83.39 | 55.19 | 83.15 | 55.56 | 56 |
| 34 | 82.90 | 55.92 | 82.66 | 56.28 | 82.41 | 56.64 | 82.16 | 57.00 | 55 |
| 35 | 81.92 | 57.36 | 81.66 | 57.71 | 81.41 | 58.07 | 81.16 | 58.42 | 54 |
| 36 | 80.90 | 58.78 | 80.64 | 59.13 | 80.39 | 59.48 | 80.13 | 59.83 | 53 |
| 37 | 79.86 | 60.18 | 79.60 | 60.53 | 79.34 | 60.88 | 79.07 | 61.22 | 52 |
| 38 | 78.80 | 61.57 | 78.53 | 61.91 | 78.26 | 62.25 | 77.99 | 62.59 | 51 |
| 39 | 77.71 | 62.93 | 77.44 | 63.27 | 77.16 | 63.61 | 76.88 | 63.94 | 50 |
| 40 | 76.60 | 64.28 | 76.32 | 64.61 | 76.04 | 64.94 | 75.76 | 65.28 | 49 |
| 41 | 75.47 | 65.61 | 75.18 | 65.93 | 74.90 | 66.26 | 74.61 | 66.59 | 48 |
| 42 | 74.31 | 66.91 | 74.02 | 67.24 | 73.73 | 67.56 | 73.43 | 67.88 | 47 |
| 43 | 73.14 | 68.20 | 72.84 | 68.52 | 72.54 | 68.84 | 72.24 | 69.15 | 46 |
| 44 | 71.93 | 69.47 | 71.63 | 69.78 | 71.33 | 70.09 | 71.02 | 70.40 | 45 |
| 45 | 70.71 | 70.71 | | | | | | | |
| Degrees. | Dep. | Lat. | Dep. | Lat. | Dep. | Lat. | Dep. | Lat. | Degrees |
| | DEGREES | | ¾ DEGREE. | | ½ DEGREE. | | ¼ DEGREE. | | |