| | |
|---|---|
| Notes Ck'd by | Survey of |
| Map No. | JN Tape Std °F |
| Office Work | Surveyed by |
| Checked | Notes Date |
| Date | Indexed |

F. B. 2877 PG.

# BOOK INDEX

F.B. 2877 – PAGES

| | | |
|---|---|---|
| LINE 102 | JUNE-JULY 1962, DIFF. IN ELEV. | 5 TO 44 |
| LINE 103, | JULY 1962 DESCRIPTIONS | 45 TO 50 |
| " 103 | JULY 1962 DIFF. IN ELEV. | 51 TO 172 |
| " 103, | JUNE 1972 DIFF. IN ELEV. | 173 TO |

Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend this side of this line.

PLEASE RETURN TO
COUNTY OF LOS ANGELES
DEPARTMENT OF COUNTY ENGINEER
403 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S_CE#310 3-69

[redacted] microfilmed. May '85

| | |
|---|---|
| Notes Ck'd by | Survey of L.A. Co. Precise Level Net |
| Map No. | JN 0301.02 Tape Std °F |
| Office Work | Surveyed by F. E. Brooks |
| Checked | Notes F. E. Brooks Date July 1962 |
| Date | Indexed C. J. GALLI JUL 10 '62 |

F.B. 2877 PG. 5

J.N. 0301.02

L. A. Co. Precise Level Net

LINE No 102

Bench Marks 102-40 To 102-46

Bench Mark 101-131 To 102-40

see F.B. 2876

FE Brooks
JM Maldonado
F Martinez
G.E Cook
GR Esquer

Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #247—3-57

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: R. E. Brooks
Notes by: F. E. Brooks
Weather: Clear
Time: 11:00 – 11:25
Inst. No. 15066
Rod No. 19820

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 102-40 To: BM 102-41
Date: 27 June 1962
Indexed: C. J. GALLI
JUL 10 '62

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1.404 | | .073 | | #19 | 4.914 | | .066 | | BM 102-40 |
| | 1.331 | | .072 | | | 4.848 | | .070 | | Lancaster Rd. at Ave. F-8 |
| 1 | 1.259 | | .145 | | | 4.778 | | .136 | | |
| | 3.994 | 1.3313 | | .145 | 88° | 4.540 | 4.8467 | | .136 | See F.B. 2412-44 |
| | 3.389 | | .146 | | | 5.528 | | .160 | | |
| | 3.243 | | .143 | | | 5.378 | | .150 | | T Cook |
| 2 | 3.100 | | .289 | | | 5.228 | | .300 | | |
| | 9.732 | 3.2440 | | .434 | | 16.134 | 5.3780 | | .436 | |
| | 4.838 | | .147 | | | 3.841 | | .147 | | |
| | 4.691 | | .143 | | | 3.694 | | .146 | | |
| 3 | 4.548 | | .290 | | | 3.548 | | .293 | | |
| | 14.077 | 4.6923 | | .724 | | 11.083 | 3.6943 | | .729 | |
| | 7.228 | | .147 | | | 3.321 | | .150 | | |
| | 7.081 | | .143 | | | 3.171 | | .147 | | |
| 4 | 6.938 | | .290 | | | 3.024 | | .297 | | |
| | 21.247 | 7.0823 | | 1.014 | | 9.516 | 3.1720 | | 1.026 | |
| | 6.968 | | .148 | | | 3.698 | | .150 | | |
| | 6.820 | | .149 | | | 3.548 | | .146 | | |
| 5 | 6.671 | | .297 | | | 3.402 | | .296 | | |
| | 20.459 | 6.8197 | | 1.311 | | 10.648 | 3.5493 | | 1.322 | |
| | | 23.1696 | | | | | 20.6403 | | | |

F.B. 28 77 P.G. 7

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks — Weather: Clear — Inst. No. 15066
Notes by: F. E. Brooks — Time: 11:00 - 11:25 — Rod No. 19820

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 102-40 To: BM 102-41
Date: 27 June 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 5.846 | 23.1696 | .147 | 1.311 | | 4.529 | 20.6403 | .147 | 1.322 | Summation of Run |
| | 5.699 | | .148 | | | 4.382 | | .144 | | From B.M. 102-40 |
| | 5.551 | | .295 | | | 4.238 | | .291 | | To B.M. 102-41 |
| | 17.096 | 5.6987 | | 1.606 | | 13.149 | 4.3830 | | 1.613 | |
| 7 | 5.370 | | .147 | | | 5.182 | | .147 | | Total Backsights = + 47.2767 |
| | 5.183 | | .144 | | | 5.035 | | .146 | | Total Foresights = − 46.2543 |
| | 5.039 | | .291 | | | 4.889 | | .293 | | Diff. Elev. = + 1.0224 |
| | 15.552 | 5.1840 | | 1.897 | | 15.106 | 5.0353 | | 1.906 | |
| 8 | 5.134 | | .148 | | | 6.009 | | .147 | | Backsight stadia = 2.780 |
| | 4.986 | | .145 | | | 5.862 | | .151 | | Foresight Stadia = 2.798 |
| | 4.841 | | .293 | | | 5.711 | | .298 | | Total Stadia = 5.578 |
| | 14.961 | 4.9870 | | 2.190 | | 17.582 | 5.8607 | | 2.204 | .35 mi |
| 9 | 4.267 | | .147 | | | 6.650 | | .148 | | |
| | 4.120 | | .148 | | | 6.502 | | .146 | | |
| | 3.972 | | .295 | | | 6.356 | | .294 | | |
| | 12.359 | 4.1197 | | 2.485 | | 19.508 | 6.5027 | | 2.498 | |
| 10 | 4.265 | | .147 | | #19 | 3.983 | | .152 | | BM 102-41 |
| | 4.118 | | .148 | | | 3.831 | | .148 | | Ave F-8 at 170th St. W. |
| | 3.970 | | .295 | | | 3.683 | | .300 | | |
| | 12.353 | 4.1177 | | 2.780 | 90° | 11.497 | 3.8323 | | 2.798 | See F.B. 2412-45 |
| | | 47.2767 | | | | | 46.2543 | | | |

F.B. 2877 P.G. 8

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks  Weather: Clear  Inst. No.: 15066
Notes by: F. E. Brooks  Time: 10:50 - 11:25  Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 102-41 To: BM 142-40
Date: 28 June 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.615 | | .150 | | #19 | 3.895 | | .147 | | BM 102-41 |
| | 3.465 | | .151 | | | 3.748 | | .145 | | Ave F-8 at 170th St. W. |
| | 3.314 | | .301 | | | 3.603 | | .292 | | |
| | 10.394 | 3.4647 | | .301 | 86° | 11.246 | 3.7487 | | .292 | See F.B. 2412-45 |
| 2 | 6.289 | | .144 | | | 3.908 | | .144 | | T Esquer |
| | 6.145 | | .145 | | | 3.764 | | .146 | | |
| | 6.000 | | .289 | | | 3.618 | | .290 | | |
| | 18.434 | 6.1447 | | .590 | | 11.290 | 3.7633 | | .582 | |
| 3 | 6.685 | | .150 | | | 4.808 | | .146 | | |
| | 5.535 | | .150 | | | 4.662 | | .150 | | |
| | 5.385 | | .300 | | | 4.512 | | .296 | | |
| | 16.605 | 5.5350 | | .890 | | 13.982 | 4.6607 | | .878 | |
| 4 | 4.774 | | .146 | | | 4.928 | | .146 | | |
| | 4.628 | | .144 | | | 4.782 | | .147 | | |
| | 4.484 | | .290 | | | 4.635 | | .293 | | |
| | 13.886 | 4.6287 | | 1.180 | | 14.345 | 4.7817 | | 1.171 | |
| 5 | 4.223 | | .148 | | | 5.539 | | .149 | | |
| | 4.075 | | .148 | | | 5.390 | | .145 | | |
| | 3.927 | | .296 | | | 5.245 | | .294 | | |
| | 12.225 | 4.0750 | | 1.476 | | 16.174 | 5.3913 | | 1.465 | |
| | | 238481 | | | | | 223457 | | | |

F.B. 2877 P.G. 9

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Notes by: E. E. Brooks
Weather: Clear
Time: 10:50 – 11:25
Inst. No: 15066
Rod No: 19-20

Name: L.A. Co. Precise Level Net
Job No: 0301.02
From: BM 102-41 To: BM 102-40
Date: 28 June 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 3.585 | 2.8481 | .147 | 1.476 | | 6.855 | 2.2457 | .145 | 1.465 | |
| | 3.438 | | .150 | | | 6.710 | | .145 | | |
| | 3.288 | | .297 | | | 6.565 | | .290 | | Summation of Run |
| | 10.311 | 3.4370 | | 1.773 | | 20.130 | 6.7100 | | 1.755 | From B.M. 102-41 To B.M. 102-40 |
| 7 | 2.883 | | .148 | | | 6.790 | | .145 | | |
| | 2.735 | | .148 | | | 6.645 | | .145 | | Total Backsights = + 43.0247 |
| | 2.587 | | .296 | | | 6.500 | | .290 | | Total Foresights = – 44.0584 |
| | 8.205 | 2.7350 | | 2.069 | | 19.935 | 6.6450 | | 2.045 | Diff. Elev. = – 1.0337 |
| 8 | 3.574 | | .146 | | | 4.594 | | .146 | | |
| | 3.428 | | .145 | | | 4.428 | | .144 | | Backsight stadia = 2.773 |
| | 3.283 | | .291 | | | 4.284 | | .290 | | Foresight Stadia = 2.792 |
| | 10.285 | 3.4283 | | 2.360 | | 13.286 | 4.4287 | | 2.335 | Total Stadia = 5.565 |
| | | | | | | | | | | 0.35 mi |
| 9 | 5.615 | | .150 | | | 3.375 | | .145 | | |
| | 5.365 | | .150 | | | 3.230 | | .142 | | |
| | 5.215 | | .300 | | | 3.088 | | .287 | | |
| | 16.095 | 5.3650 | | 2.660 | | 9.693 | 3.2310 | | 2.622 | |
| 10 | 4.268 | | .057 | | #19 | 0.783 | | .085 | | BM 102-40 |
| | 4.211 | | .056 | | | 0.698 | | .085 | | Lancaster Rd at Ave F-8 |
| | 4.155 | | .113 | | | 0.613 | | .170 | | |
| | 12.634 | 4.2113 | | 2.773 | 88° | 2.094 | 0.6980 | | 2.792 | See F.B. 2412-44 |
| | | 43.0247 | | | | | 44.0584 | | | |

F.B. 2477 P.G. 10

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Notes by: E. E. Brooks
Weather: Clear - Windy
Time: 11:15 - 11:40
Inst. No. 15066
Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 102-41 To: BM 102-40
Date: 29 June 196—
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.707 | | .152 | | #19 | 3.986 | | .146 | | BM 102-41 |
| | 3.555 | | .150 | | | 3.840 | | .146 | | Ave F-8 at 170th St. W. |
| | 3.405 | | .302 | | | 3.694 | | .292 | | |
| | 10.667 | 3.5557 | | .302 | 86° | 11.520 | 3.8400 | | .292 | See F.B. 2412-45 |
| 2 | 6.293 | | .147 | | | 3.908 | | .144 | | |
| | 6.146 | | .144 | | | 3.764 | | .147 | | T Martinez |
| | 6.002 | | .291 | | | 3.617 | | .291 | | |
| | 18.441 | 6.1470 | | .593 | | 11.289 | 3.7630 | | .583 | |
| 3 | 5.714 | | .150 | | | 4.836 | | .146 | | |
| | 5.564 | | .148 | | | 4.690 | | .148 | | |
| | 5.416 | | .298 | | | 4.542 | | .294 | | |
| | 16.694 | 5.5647 | | .891 | | 14.068 | 4.6893 | | .877 | |
| 4 | 4.714 | | .146 | | | 4.865 | | .147 | | |
| | 4.568 | | .146 | | | 4.718 | | .146 | | |
| | 4.422 | | .292 | | | 4.572 | | .293 | | |
| | 13.704 | 4.5680 | | 1.183 | | 14.155 | 4.7183 | | 1.170 | |
| 5 | 4.161 | | .150 | | | 5.472 | | .147 | | |
| | 4.011 | | .147 | | | 5.325 | | .144 | | |
| | 3.864 | | .297 | | | 5.181 | | .291 | | |
| | 12.036 | 4.0120 | | 1.480 | | 15.978 | 5.3260 | | 1.461 | |
| | | 23.8474 | | | | | 22.3372 | | | |

F.B. 2477 P.G. 11

PLEASE RETURN TO
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700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks — Weather: Clear - Windy — Inst. No. 15066
Notes by: E. E. Brooks — Time: 11:15 - 11:40 — Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From BM 102-41 To BM 102-40
Date: 29 June 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 3.553 | 23.2474 | .147 | 1.480 | | 6.827 | 22.3370 | .146 | 1.461 | |
| | 3.406 | | .145 | | | 6.681 | | .148 | | Summation of Run |
| | 3.261 | | .292 | | | 6.533 | | .294 | | From B.M. 102-41 |
| | 10.220 | 3.4067 | | 1.772 | | 20.041 | 6.6803 | | 1.755 | To B.M. 102-40 |
| 7 | 2.775 | | .147 | | | 6.683 | | .147 | | |
| | 2.628 | | .146 | | | 6.536 | | .147 | | Total Backsights = + 42.7730 |
| | 2.482 | | .293 | | | 6.389 | | .294 | | Total Foresights = − 43.7928 |
| | 7.885 | 2.6283 | | 2.065 | | 19.608 | 6.5360 | | 2.049 | Diff. Elev. = − 1.0198 |
| 8 | 3.380 | | .148 | | | 4.376 | | .147 | | |
| | 3.232 | | .147 | | | 4.229 | | .144 | | Backsight stadia = 2.801 |
| | 3.085 | | .295 | | | 4.085 | | .291 | | Foresight Stadia = 2.774 |
| | 9.697 | 3.2323 | | 2.360 | | 12.690 | 4.2300 | | 2.340 | Total Stadia = 5.575 |
| | | | | | | | | | | = 0.35 mi. |
| 9 | 5.347 | | .152 | | | 3.204 | | .142 | | |
| | 5.195 | | .151 | | | 3.062 | | .145 | | |
| | 5.044 | | .303 | | | 2.917 | | .287 | | |
| | 15.586 | 5.1953 | | 2.663 | | 9.183 | 3.0610 | | 2.627 | |
| 10 | 4.532 | | .069 | | | 1.022 | | .074 | | BM 102-40 |
| | 4.463 | | .069 | | | 0.948 | | .073 | | Lancaster Rd at Ave F-8 |
| | 4.394 | | .138 | | | 0.875 | | .147 | | |
| | 13.389 | 4.4630 | | 2.801 | | 2.845 | 0.9483 | | 2.774 | See F.B. 2412-44 |
| | | 42.7730 | | | | | 43.7928 | | | |

F.B. 2377 P.G. 12

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 1125 - 1125 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 102-41 To BM 102-42
Date 27 June 1962
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.868 | | .080 | | #19 | 4.583 | | .098 | | BM 102-41 |
| | 2.788 | | .076 | | | 4.485 | | .097 | | Ave. F-8 & 170th St. W. |
| | 2.712 | | .156 | | | 4.388 | | .195 | | |
| | 8.368 | 2.7893 | | .156 | 90° | 13.456 | 4.4853 | | .195 | See F.B. 2412-45 |
| 2 | 4.825 | | .156 | | | 4.143 | | .158 | | |
| | 4.669 | | .154 | | | 3.985 | | .157 | | T Equer |
| | 4.515 | | .310 | | | 3.828 | | .315 | | |
| | 14.009 | 4.6697 | | .466 | | 11.956 | 3.9853 | | .510 | |
| 3 | 5.228 | | .154 | | | 3.825 | | .158 | | |
| | 5.074 | | .155 | | | 3.667 | | .159 | | |
| | 4.919 | | .309 | | | 3.508 | | .317 | | |
| | 15.221 | 5.0737 | | .775 | | 11.000 | 3.6667 | | .827 | |
| 4 | 4.663 | | .160 | | | 4.275 | | .145 | | |
| | 4.503 | | .161 | | | 4.130 | | .142 | | |
| | 4.342 | | .321 | | | 3.988 | | .287 | | |
| | 13.508 | 4.5027 | | 1.096 | | 12.393 | 4.1310 | | 1.114 | |
| 5 | 4.860 | | .154 | | | 4.223 | | .154 | | |
| | 4.706 | | .151 | | | 4.069 | | .151 | | |
| | 4.555 | | .305 | | | 3.918 | | .305 | | |
| | 14.121 | 4.7070 | | 1.401 | | 12.210 | 4.0700 | | 1.419 | |
| | | 21.7424 | | | | | 20.3383 | | | |

F.B. 2877 P.G. 13

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brook
Notes by: E. E. Brooks
Weather: Clear
Time: 11:25 - 1:25
Inst. No. 15066
Rod No. 19820

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 102-41 To: BM 102-42
Date: 27 June 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 4.955 | 21.7424 | .150 | 1.401 | | 4.245 | 20.7383 | .150 | 1.419 | |
| | 4.805 | | .150 | | | 4.095 | | .150 | | |
| | 4.655 | | .300 | | | 3.945 | | .300 | | |
| | 14.415 | 4.8050 | | 1.701 | | 12.285 | 4.0950 | | 1.719 | |
| 7 | 5.030 | | .150 | | | 4.494 | | .150 | | |
| | 4.880 | | .152 | | | 4.344 | | .150 | | |
| | 4.728 | | .302 | | | 4.194 | | .300 | | |
| | 14.638 | 4.8793 | | 2.003 | | 13.032 | 4.3440 | | 2.019 | |
| 8 | 5.535 | | .150 | | | 4.255 | | .150 | | |
| | 5.385 | | .150 | | | 4.105 | | .150 | | |
| | 5.235 | | .300 | | | 3.955 | | .300 | | |
| | 16.155 | 5.3850 | | 2.303 | | 12.315 | 4.1050 | | 2.319 | |
| 9 | 5.765 | | .150 | | | 3.663 | | .151 | | |
| | 5.615 | | .150 | | | 3.512 | | .147 | | |
| | 5.465 | | .300 | | | 3.365 | | .298 | | |
| | 16.845 | 5.6150 | | 2.603 | | 10.540 | 3.5133 | | 2.617 | |
| 10 | 5.903 | | .153 | | #19 | 3.328 | | .148 | | 1 hr. for lunch |
| | 5.750 | | .150 | | | 3.180 | | .152 | | |
| | 5.600 | | .303 | | | 3.028 | | .300 | | |
| | 17.253 | 5.7510 | | 2.906 | 88° | 9.536 | 3.1787 | | 2.917 | |
| | | 40.1777 | | | | [illegible] | | | | |

F.B. 2677 P.G. 14

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks — Weather: Clear - Windy — Inst. No.: 15066
Notes by: E. E. Brooks — Time: 11:25 - 1:25 — Rod No.: 18-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 102-41 To: [illegible]
Date: 27 June 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 5.265 | 48.1777 | .150 | 2.906 | #19 | 2.153 | 39.5743 | .151 | 2.917 | Summation of Run |
| | 5.115 | | .150 | | | 2.002 | | .154 | | From B.M. 102-41 |
| | 4.965 | | .300 | | | 1.848 | | .305 | | To B.M. 102-42 |
| | 15.345 | 5.1150 | | 3.206 | 90° | 6.003 | 2.0010 | | 3.222 | |
| 12 | 6.112 | | .155 | | | 2.788 | | .148 | | Total Backsights = + 72.4917 |
| | 5.957 | | .153 | | | 2.640 | | .152 | | Total Foresights = − 49.8003 |
| | 5.804 | | .308 | | | 2.488 | | .300 | | Diff. Elev. = + 22.6914 |
| | 17.873 | 5.9577 | | 3.54 | | 7.916 | 2.6387 | | 3.522 | |
| 13 | 5.695 | | .150 | | | 2.775 | | .145 | | Backsight stadia = 4.110 |
| | 5.545 | | .146 | | | 2.630 | | .145 | | Foresight Stadia = 4.118 |
| | 5.399 | | .296 | | | 2.485 | | .290 | | Total Stadia = 8.228 |
| | 16.639 | 5.5463 | | 3.810 | | 7.890 | 2.6300 | | 3.812 | = .52 mi |
| 14 | 7.845 | | .150 | | #19 | 3.110 | | .155 | | BM 102-42 |
| | 7.695 | | .150 | | | 2.955 | | .151 | | Ave F-8 0.5 mi W. of |
| | 7.545 | | .300 | | | 2.807 | | .306 | | 170th St W. |
| | 23.085 | 7.6950 | | 4.110 | 90° | 8.869 | 2.9563 | | 4.118 | See F.B. 2412-46 |
| | | 72.4917 | | | | | 49.8003 | | | |

F.B. 2477 P.G. 15

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Notes by: F. E. Brooks
Weather: Clear
Time: 10:20 - 10:50
Inst. No. 15066
Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 102-42 To: BM 102-41
Date: 28 June 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.559 | | .156 | | #19 | 8.292 | | .151 | | BM 102-42 |
| | 3.403 | | .157 | | | 8.141 | | .150 | | Ave F-B 0.5 mi W. of |
| | 3.246 | | .313 | | | 9.991 | | .301 | | 170th St. W. |
| | 10.208 | 3.4027 | | 313 | 86° | 18.424 | 8.1413 | | 301 | See F.B. 2412-46 |
| 2 | 3.419 | | .150 | | | 6.339 | | .150 | | |
| | 3.269 | | .146 | | | 6.189 | | .146 | | T Martinez |
| | 3.123 | | .296 | | | 6.043 | | .296 | | |
| | 9.811 | 3.2703 | | .609 | | 18.571 | 6.1903 ~~6.1843~~ | | .597 | |
| 3 | 3.255 | | .152 | | | 6.578 | | .153 | | |
| | 3.103 | | .152 | | | 6.425 | | .155 | | |
| | 2.951 | | .304 | | | 6.270 | | .308 | | |
| | 9.309 | 3.1030 | | 913 | | 19.273 | 6.4243 | | .905 | |
| 4 | 3.247 | | .155 | | | 6.359 | | .151 | | |
| | 3.092 | | .153 | | | 6.208 | | .147 | | |
| | 2.939 | | .308 | | | 6.061 | | .298 | | |
| | 9.278 | 3.0929 | | 1.221 | | 18.628 | 6.2093 | | 1.205 | |
| 5 | 3.696 | | .149 | | | 6.283 | | .153 | | |
| | 3.547 | | .150 | | | 6.120 | | .152 | | |
| | 3.397 | | .299 | | | 5.968 | | .305 | | |
| | 10.640 | 3.5467 | | 1.520 | | 18.371 | 6.1203 | | 1.508 | |
| | | 16.4154 | | | | | 33.0822 | | | |

F.B. 2877 P.G. 46

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 10:20 - 10:50 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 102-42 To BM 102-41
Date 28 June 1962
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 3.846 | 164154 | .148 | 1.520 | | 5.950 | 33085 | .150 | 1.508 | |
| | 3.698 | | .147 | | | 5.800 | | .149 | | |
| | 3.551 | | .295 | | | 5.651 | | .299 | | |
| | 11.095 | 3.6983 | | 1.815 | | 17.401 | 5.8003 | | 1.807 | |
| 7 | 4.346 | | .149 | | | 5.622 | | .148 | | |
| | 4.197 | | .148 | | | 5.474 | | .149 | | |
| | 4.049 | | .297 | | | 5.325 | | .297 | | |
| | 12.592 | 4.1973 | | 2.112 | | 16.421 | 5.4737 | | 2.104 | |
| 8 | 4.655 | | .150 | | | 5.193 | | .150 | | |
| | 4.505 | | .150 | | | 5.043 | | .152 | | |
| | 4.355 | | .300 | | | 4.891 | | .302 | | |
| | 13.515 | 4.5050 | | 2.412 | | 15.127 | 5.0423 | | 2.406 | |
| 9 | 4.582 | | .152 | | | 5.292 | | .152 | | |
| | 4.430 | | .150 | | | 5.140 | | .151 | | |
| | 4.280 | | .302 | | | 4.989 | | .303 | | |
| | 13.292 | 4.4307 | | 2.714 | | 15.421 | 5.1403 | | 2.709 | |
| 10 | 4.517 | | .152 | | | 5.155 | | .153 | | |
| | 4.365 | | .154 | | | 5.002 | | .153 | | |
| | 4.211 | | .306 | | | 4.849 | | .306 | | |
| | 13.093 | 4.3643 | | 3.020 | | 15.006 | 5.0020 | | 3.015 | |
| | | 376110 | | | | | 59548 | | | |

F.B. 2877 P.G. 17

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Notes by: E. E. Brooks
Weather: Clear
Time: 10:20 - 10:50
Inst. No. 15066
Rod No. 9-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: B.M. 102-42 To: B.M. 102-41
Date: 28 June 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 4.336 | 3.6610 | .153 | 3.020 | | 4.708 | 5.5408 | .153 | 3.015 | Summation of Run |
| | 4.183 | | .151 | | | 4.555 | | .153 | | From B.M. 102-42 |
| | 4.032 | | .304 | | | 4.402 | | .306 | | To B.M. 102-41 |
| | 12.551 | 4.1837 | | 3.324 | | 13.665 | 4.5550 | | 3.321 | |
| 12 | 4.087 | | .158 | | | 5.491 | | .156 | | Total Backsights = +548524 |
| | 3.929 | | .156 | | | 5.335 | | .155 | | Total Foresights = −775~~464~~500 |
| | 3.773 | | .304 | | | 5.180 | | .311 | | Diff. Elev. = −226.9~~40~~76 |
| | 11.789 | 3.9297 | | 3.628 | | 16.006 | 5.3353 | | 3.632 | |
| 13 | 4.444 | | .157 | | | 5.125 | | .155 | | Backsight stadia = 4135 |
| | 4.287 | | .159 | | | 4.970 | | .152 | | Foresight Stadia = 4096 |
| | 4.128 | | .316 | | | 4.818 | | .307 | | Total Stadia = 8231 |
| | 12.859 | 4.2863 | | 3.944 | | 14.913 | 4.9710 | | 2.939 | .52 mi |
| 14 | 4.937 | | .095 | | #19 | 3.223 | | .079 | | BM 102-41 |
| | 4.842 | | .096 | | | 3.144 | | .078 | | Ave F-8 & 170th St. W. |
| | 4.746 | | .191 | | | 3.066 | | .157 | | |
| | 14.525 | 4.8417 | | 4.135 | 86° | 9.433 | 3.1443 | | 4.096 | See F.B. 2412-45 |
| | | 548524 | | | | | 775~~464~~500 | | | |

F.B. 2477 P.G. 18

76P526-CE 379--10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks  Weather: Clear - Windy  Inst. No.: 15066
Notes by: F. E. Brooks  Time: 1:25 - 2:00  Rod No.: 19820

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 102-42 To: BM 102-46
Date: 27 June 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.508 | | .135 | | #19 | 3.441 | | .146 | | BM 102-42 |
| | 3.373 | | .132 | | | 3.295 | | .145 | | Ave. F-8, 0.5mi W. of |
| | 3.241 | | .267 | | | 3.150 | | .291 | | 170th St. W. |
| | 10.122 | 3.3740 | | .267 | 90° | 9.886 | 3.2953 | | 291 | See F.B. 2412-46 |
| 2 | 6.048 | | .147 | | | 3.099 | | .147 | | |
| | 6.901 | | .146 | | | 2.952 | | .145 | | At Martinez |
| | 6.755 | | .293 | | | 2.807 | | .292 | | |
| | 17.704 | 5.9013 | | .560 | | 8.858 | 2.9527 | | .583 | |
| 3 | 6.104 | | .146 | | | 3.364 | | .147 | | |
| | 5.958 | | .149 | | | 3.217 | | .149 | | |
| | 5.809 | | .295 | | | 3.068 | | .296 | | |
| | 17.871 | 5.9570 | | .855 | | 9.649 | 3.2163 | | .879 | |
| 4 | 6.244 | | .149 | | | 3.443 | | .146 | | |
| | 6.095 | | .143 | | | 3.297 | | .149 | | |
| | 5.952 | | .290 | | | 3.148 | | .295 | | |
| | 18.289 | 6.0963 | | 1.145 | | 9.888 | 3.2960 | | 1.174 | |
| 5 | 6.032 | | .146 | | | 3.302 | | .151 | | |
| | 5.886 | | .145 | | | 3.151 | | .147 | | |
| | 5.741 | | .291 | | | 3.004 | | .298 | | |
| | 17.659 | 5.8863 | | 1.436 | | 9.457 | 3.1523 | | 1.472 | |
| | | 27.2149 | | | | | 15.9126 | | | |

F.B. 2477 P.G. 19

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear-Windy Inst. No. 15066
Notes by F. E. Brooks Time 1:25 - 2:00 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 102-42 To BM 102-43
Date 27 June 1962
Indexed C. J. [illegible]

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 5.227 | 27.2149 | .075 | 1.436 | | 4.436 | 15.9126 | .073 | 1.472 | |
| | 5.152 | | .076 | | | 4.363 | | .072 | | |
| | 5.076 | | .151 | | | 4.291 | | .145 | | |
| | 15.455 | 5.1517 | | 1.587 | | 13.090 | 4.3633 | | 1.617 | |
| 7 | 3.959 | | .148 | | | 4.329 | | .147 | | |
| | 3.811 | | .144 | | | 4.182 | | .149 | | |
| | 3.667 | | .292 | | | 4.033 | | .296 | | |
| | 11.437 | 3.8123 | | 1.879 | | 12.544 | 4.1813 | | 1.913 | |
| 8 | 5.041 | | .146 | | | 4.126 | | .148 | | |
| | 4.895 | | .146 | | | 3.978 | | .147 | | |
| | 4.749 | | .292 | | | 3.831 | | .295 | | |
| | 14.685 | 4.8950 | | 2.171 | | 11.935 | 3.9783 | | 2.208 | |
| 9 | 5.255 | | .155 | | | 3.861 | | .139 | | |
| | 5.100 | | .157 | | | 3.722 | | .137 | | |
| | 4.943 | | ~~.308~~ .312 | | | 3.585 | | .276 | | |
| | 15.298 | 5.0993 | | 2.47~~9~~ 83 | | 11.168 | 3.7227 | | 2.484 | |
| 10 | 5.132 | | .146 | | | 3.835 | | .147 | | |
| | 4.986 | | .145 | | | 3.688 | | .146 | | |
| | 4.841 | | .291 | | | 3.542 | | .293 | | |
| | 14.959 | 4.9863 | | 2.77~~0~~ 4 | | 11.065 | 3.6883 | | 2.777 | |
| | | 51.1595 | | | | | 35.8465 | | | |

F.B. 2877 P.G. 20

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks — Weather: Clear - Windy — Inst. No. 15066
Notes by: E. E. Brooks — Time: 1:25 - 2:00 — Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0364.02
From: BM 102-42 To: BM 142-[illegible]
Date: 27 June 1962
Indexed: C. A. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 4.944 | 5.1595 | .145 | 2.770 | | 3.567 | 3.5865 | .146 | 2.777 | Summation of Run |
| | 4.799 | | .147 | | | 3.421 | | .147 | | From B.M. 102-42 |
| | 4.652 | | .292 | | | 3.274 | | .293 | | To B.M. 102-43 |
| | 14.395 | 4.7983 | | 3.062 | | 10.262 | 3.4207 | | 3.070 | |
| 12 | 5.208 | | .145 | | | 3.479 | | .149 | | Total Backsights = + 71.4691 |
| | 5.063 | | .148 | | | 3.330 | | .146 | | Total Foresights = − 47.7882 |
| | 4.915 | | .293 | | | 3.184 | | .295 | | Diff. Elev. = + 23.6809 |
| | 15.186 | 5.0620 | | 3.353 | | 9.993 | 3.3310 | | 3.365 | |
| 13 | 5.211 | | .146 | | | 3.181 | | .148 | | Backsight stadia = 3.897 |
| | 5.065 | | .142 | | | 3.033 | | .146 | | Foresight Stadia = 3.906 |
| | 4.923 | | .288 | | | 2.887 | | .294 | | ~~Total Stadia~~ = 7.799 |
| | 15.199 | 5.0663 | | 3.643 | | 9.101 | 3.0333 | | 3.659 | = .49 mi. |
| 14 | 5.508 | | .125 | | #19 | 2.272 | | .124 | | BM 102-43 |
| | 5.383 | | .125 | | | 2.148 | | .123 | | Ave F-8 & 180th St. W |
| | 5.258 | | .250 | | | 2.025 | | .247 | | |
| | 16.149 | 5.3830 | | 3.893 | 90° | 6.445 | 2.1483 | | 3.906 | See F.B. 2412-47 |
| | | 71.4691 | | | | | 47.7882 | | | |

F.B. 2417 P.G. 21

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 9:50 - 10:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 102-43 To BM 102-42
Date 28 June 1962
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.058 | | .126 | | #19 | 6.293 | | .125 | | BM 102-43 |
| | 2.932 | | .124 | | | 6.168 | | .127 | | Ave Fr 8 & 180th St. W. |
| | 2.808 | | .250 | | | 6.041 | | .252 | | |
| | 8.798 | 2.9327 | | .250 | 86° | 18.502 | 6.1673 | | .252 | See F.B. 2412-47 |
| 2 | 4.079 | | .145 | | | 6.121 | | .143 | | |
| | 3.934 | | .146 | | | 5.968 | | .147 | | T Cook |
| | 3.789 | | .290 | | | 5.821 | | .290 | | |
| | 11.802 | 3.9340 | | .540 | | 17.900 | 5.9667 | | .542 | |
| 3 | 4.449 | | .148 | | | 6.178 | | .147 | | |
| | 4.301 | | .149 | | | 6.031 | | .144 | | |
| | 4.152 | | .297 | | | 5.887 | | .291 | | |
| | 12.902 | 4.3007 | | .837 | | 18.096 | 6.0320 | | .833 | |
| 4 | 4.467 | | .147 | | | 5.842 | | .144 | | |
| | 4.320 | | .148 | | | 5.698 | | .147 | | |
| | 4.172 | | .295 | | | 5.551 | | .291 | | |
| | 12.959 | 4.3197 | | 1.132 | | 17.091 | 5.6970 | | 1.124 | |
| 5 | 4.749 | | .146 | | | 6.048 | | .146 | | |
| | 4.603 | | .144 | | | 5.902 | | .144 | | |
| | 4.459 | | .290 | | | 5.758 | | .290 | | |
| | 13.811 | 4.6037 | | 1.422 | | 17.708 | 5.9027 | | 1.414 | |
| | | 20.0908 | | | | | 29.4657 | | | |

F.B. 2477 P.G. 22

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks  Weather: Clear  Inst. No. 15066
Notes by: E. E. Brooks  Time: 9:50 - 10:20  Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 102-43 To: BM 102-42
Date: 28 June 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 4.583 | 20.0908 | .145 | 1.422 | | 5.958 | 29.7657 | .146 | 1.414 | |
| | 4.438 | | .148 | | | 5.812 | | .144 | | |
| | 4.290 | | .293 | | | 5.668 | | .290 | | |
| | 13.311 | 4.4370 | | 1.745 | | 17.438 | 5.8127 | | 1.704 | |
| 7 | 4.998 | | .148 | | | 6.912 | | .145 | | |
| | 4.850 | | .147 | | | 6.767 | | .146 | | |
| | 4.703 | | .295 | | | 5.621 | | .291 | | |
| | 14.561 | 4.8503 | | 2.040 | | 17.300 | 5.7669 | | 1.995 | |
| 8 | 5.108 | | .147 | | | 4.736 | | .146 | | |
| | 4.961 | | .150 | | | 4.590 | | .143 | | |
| | 4.811 | | .297 | | | 4.447 | | .289 | | |
| | 14.880 | 4.9600 | | 2.307 | | 13.773 | 4.5910 | | 2.284 | |
| 9 | 5.078 | | .071 | | | 5.870 | | .077 | | |
| | 5.007 | | .071 | | | 5.793 | | .075 | | |
| | 4.936 | | .142 | | | 5.718 | | .152 | | |
| | 15.021 | 5.0070 | | 2.149 | | 17.381 | 5.7937 | | 2.436 | |
| 10 | 4.122 | | .149 | | | 6.858 | | .148 | | |
| | 3.973 | | .146 | | | 6.710 | | .145 | | |
| | 3.827 | | .295 | | | 6.565 | | .293 | | |
| | 11.922 | 3.9740 | | 2.744 | | 20.133 | 6.7110 | | 2.729 | |
| | | 43.3191 | | | | | 38.4408 | | | |

F.B. 277 P.G. 23

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks — Weather: Clear — Inst. No. 15066
Notes by: F. E. Brooks — Time: 9:50-10:20 — Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From BM 102-43 To BM 102-42
Date: 28 June 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 4.192 | 43.3191 | .144 | 2.744 | | 6.995 | 58.4408 | .146 | 2.729 | Summation of Run |
| | 4.048 | | .147 | | | 6.849 | | .148 | | From B.M. 102-43 |
| | 3.901 | | .291 | | | 6.701 | | .294 | | To B.M. 102-44 |
| | 12.141 | 4.0470 | | 3.035 | | 20.545 | 6.8483 | | 3.023 | |
| 12 | 4.023 | | .147 | | | 6.763 | | .146 | | Total Backsights = + 59.0001 |
| | 3.876 | | .147 | | | 6.617 | | .148 | | Total Foresights = − 82.6917 |
| | 3.729 | | .294 | | | 6.469 | | .294 | | Diff. Elev. = − 23.6916 |
| | 11.628 | 3.8760 | | 3.329 | | 19.849 | 6.6163 | | 3.317 | |
| 13 | 3.824 | | .144 | | | 6.778 | | .150 | | Backsight stadia = 3.988 |
| | 3.680 | | .145 | | | 6.628 | | .147 | | Foresight Stadia = 3.884 |
| | 3.535 | | .289 | | | 6.481 | | .297 | | Total Stadia = 7.792 |
| | 11.039 | 3.6797 | | 3.618 | | 19.887 | 6.6290 | | 3.614 | = .49 mi. |
| 14 | 4.223 | | .144 | | #19 | 4.292 | | .134 | | BM 102-42 |
| | 4.079 | | .146 | | | 4.158 | | .136 | | Ave F-8 0.5 mi W. of 170 |
| | 3.933 | | .290 | | | 4.022 | | .270 | | Th St. W. |
| | 12.235 | 4.0783 | | 3.988 | 86° | 12.472 | 4.1573 | | 3.884 | See F.B. 2412-46 |
| | | 59.0001 | | | | | 82.6917 | | | |

F.B. 2877 PG. 24

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Notes by: E. E. Brooks
Weather: Clear - Windy
Time: 12:50 - 1:45
Inst. No. 15066
Rod No. 19820

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 102-43 To: BM 102-44
Date: 29 June 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.371 | | .150 | | #19 | 0.888 | | .157 | | BM 102-43 |
| | 5.221 | | .151 | | | 0.731 | | .154 | | Ave. F-8 & Dirt Rd. 180 ft St. W. |
| | 5.070 | | .301 | | | 0.577 | | .311 | | |
| | 15.662 | 5.2207 | | .301 | 90° | 2.196 | 0.7320 | | 311 | See F.B. 2412-47 |
| 2 | 6.847 | | .147 | | | 4.366 | | .147 | | |
| | 6.700 | | .149 | | | 4.219 | | .148 | | T Cook |
| | 6.551 | | .296 | | | 4.071 | | .295 | | |
| | 20.098 | 6.6993 | | .597 | | 12.656 | 4.2187 | | .606 | |
| 3 | 6.608 | | .146 | | | 4.789 | | .147 | | |
| | 6.462 | | .144 | | | 4.642 | | .144 | | |
| | 6.318 | | .290 | | | 4.498 | | .291 | | |
| | 16.388 | 5.4627 | | .887 | | 13.929 | 4.6430 | | .897 | |
| 4 | 6.715 | | .147 | | | 4.460 | | .149 | | |
| | 6.568 | | .148 | | | 4.311 | | .147 | | |
| | 6.420 | | .295 | | | 4.164 | | .296 | | |
| | 16.703 | 5.5677 | | 1.182 | | 12.935 | 4.3117 | | 1.193 | |
| 5 | 6.985 | | .145 | | | 3.391 | | .149 | | |
| | 6.840 | | .145 | | | 3.242 | | .150 | | |
| | 6.695 | | .290 | | | 3.092 | | .299 | | |
| | 17.520 | 5.8400 | | 1.472 | | 9.725 | 3.2417 | | 1.492 | |
| | | 28.7904 | | | | | 17.471 | | | |

F.B. 2877 P.G. 25

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks  Weather: Clear - Windy  Inst. No. 15066
Notes by: E. E. Brooks  Time: 12:50 - 1:45  Rod No. 19820

Name: L.A. Co. Precise Level No.
Job No. 0301.02
From BM 102-43 To BM 102-44
Date: 29 June 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 5.453 | 28.7904 | .143 | 1.472 | | 3.844 | 1.7174 | .144 | 1.492 | 20 min delay to dig truck out of sand. |
| | 5.310 | | .147 | | | 3.700 | | .148 | | |
| | 5.163 | | .290 | | | 3.552 | | .292 | | |
| | 15.926 | 5.3087 | | 1.762 | | 11.096 | 3.6987 | | 1.784 | |
| 7 | 6.516 | | .148 | | | 3.273 | | .145 | | |
| | 6.368 | | .147 | | | 3.128 | | .147 | | |
| | 6.221 | | .295 | | | 2.981 | | .292 | | |
| | 19.105 | 6.3683 | | 2.057 | | 9.382 | 3.1273 | | 2.076 | |
| 8 | 6.092 | | .144 | | | 2.939 | | .148 | | |
| | 5.948 | | .148 | | | 2.791 | | .145 | | |
| | 5.800 | | .292 | | | 2.646 | | .293 | | |
| | 17.840 | 5.9467 | | 2.349 | | 8.376 | 2.7920 | | 2.369 | |
| 9 | 6.525 | | .146 | | | 2.899 | | .149 | | |
| | 6.379 | | .148 | | | 2.750 | | .148 | | |
| | 6.231 | | .294 | | | 2.602 | | .297 | | |
| | 19.135 | 6.3783 | | 2.643 | | 8.251 | 2.7503 | | 2.666 | |
| 10 | 6.914 | | .149 | | | 2.848 | | .147 | | |
| | 6.765 | | .150 | | | 2.701 | | .146 | | |
| | 6.615 | | .299 | | | 2.555 | | .293 | | |
| | 20.294 | 6.7647 | | 2.942 | | 8.104 | 2.7013 | | 2.959 | |
| | | 595571 | | | | | 522167 | | | |

F.B. 2877 PG. 26

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks  Weather: Clear - Windy  Inst. No.: 15066
Notes by: F. E. Brooks  Time: 12:50 - 1:45  Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 102-43 To: BM 102-44
Date: 29 June 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 6.807 | 3.35571 | .145 | 2.942 | | 2.768 | 3.22167 | .148 | 2.959 | |
| | 6.662 | | .146 | | | 2.620 | | .149 | | |
| | 6.516 | | .291 | | | 2.471 | | .297 | | |
| | 19.985 | 6.6617 | | 3.233 | | 7.859 | 2.6197 | | 3.256 | |
| 12 | 6.476 | | .148 | | | 2.928 | | .149 | | Summation of Run |
| | 6.328 | | .149 | | | 2.779 | | .148 | | From B.M. 102-43 |
| | 6.179 | | .297 | | | 2.631 | | .297 | | To B.M. 102-44 |
| | 18.983 | 6.3277 | | 3.530 | | 8.338 | 2.7793 | | 3.553 | |
| 13 | 6.341 | | .148 | | | 0.903 | | .144 | | BM 102-44 |
| | 6.193 | | .145 | | | 0.759 | | .148 | | Ave F-B 0.5 mi. E of 190th |
| | 6.048 | | .293 | | | 0.611 | | .292 | | St. W. |
| | 18.582 | 6.1940 | | 3.823 | | 2.273 | 0.7577 | | 3.845 | See F.B. 2412-48 |
| | | 78.7405 | | | | | 38.3734 | | | |

Total Backsights = + 78.7405
Total Foresights = − 38.3734
Diff. Elev. = + 40.3671

Backsight stadia = 3.823
Foresight Stadia = 3.845
Total Stadia = 7.668
= .48 m.

F.B. 2877 P.G. 27

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks
Notes by: E. E. Brooks
Weather: Clear - Windy
Time: 1:30 - 2:00
Inst. No.: 15066
Rod No.: 19-20

L.A. Co. Precise Level Net
Name:
Job No.: 0301.02
From: BM 102-44 To: BM 102-43
Date: 2 July 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.372 | | .150 | | #19 | 6.809 | | .147 | | BM 102-44 |
| | 1.222 | | .147 | | | 6.662 | | .148 | | Ave F-8 0.5 mi E of |
| | 1.075 | | 1.297 | | | 6.514 | | .295 | | 190th St W. |
| | 3.669 | 1.2230 | | .297 | 92° | 19.985 | 6.6617 | | .295 | See F.B. 2412-48 |
| 2 | 3.590 | | .148 | | | 7.138 | | .149 | | |
| | 3.442 | | .149 | | | 6.989 | | .147 | | π Cook |
| | 3.293 | | .297 | | | 6.842 | | .296 | | |
| | 10.325 | 3.4417 | | .594 | | 20.969 | 6.9897 | | .591 | |
| 3 | 2.404 | | .145 | | | 6.448 | | .149 | | |
| | 2.259 | | .148 | | | 6.299 | | .149 | | |
| | 2.111 | | .293 | | | 6.150 | | .298 | | |
| | 6.774 | 2.2580 | | .887 | | 18.897 | 6.2990 | | .889 | |
| 4 | 2.589 | | .150 | | | 6.648 | | .147 | | |
| | 2.439 | | .150 | | | 6.501 | | .145 | | |
| | 2.289 | | .300 | | | 6.356 | | .292 | | |
| | 7.317 | 2.4390 | | 1.187 | | 19.505 | 6.5017 | | 1.181 | |
| 5 | 2.290 | | .150 | | | 6.915 | | .146 | | |
| | 2.140 | | .150 | | | 6.769 | | .147 | | |
| | 1.990 | | .300 | | | 6.622 | | .293 | | |
| | 6.420 | 2.1400 | | 1.487 | | 17.306 | 5.7687 | | 1.474 | |
| | | 11.5017 | | | | | 32.2208 | | | |

F.B. 2877 P.G. 28

76P526-CE 379--10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks
Notes by: F. E. Brooks
Weather: Clear - Windy
Time: 1:30 - 2:00
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM102-41 To: BM102-43
Date: 2 July 1967
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 2.679 | 11.5017 | .148 | 1.487 | | 5.829 | 32.2208 | .144 | 1.474 | |
| | 2.531 | | .149 | | | 5.685 | | .146 | | |
| | 2.382 | | .297 | | | 5.539 | | .290 | | |
| | 7.592 | 2.5307 | | 1.784 | | 17.053 | 5.6843 | | 1.764 | |
| 7 | 3.008 | | .149 | | | 6.247 | | .146 | | |
| | 2.859 | | .149 | | | 6.101 | | .146 | | |
| | 2.710 | | .298 | | | 5.955 | | .292 | | |
| | 8.577 | 2.8590 | | 2.082 | | 18.303 | 6.1010 | | 1.056 | |
| 8 | 3.509 | | .146 | | | 6.120 | | .148 | | |
| | 3.363 | | .144 | | | 4.972 | | .144 | | |
| | 3.219 | | .290 | | | 4.828 | | .292 | | |
| | 10.091 | 3.3637 | | 2.372 | | 14.920 | 4.9733 | | 1.348 | |
| 9 | 3.345 | | .147 | | | 5.948 | | .150 | | |
| | 3.198 | | .150 | | | 5.798 | | .148 | | |
| | 3.048 | | .297 | | | 5.650 | | .298 | | |
| | 9.591 | 3.1970 | | 1.669 | | 17.396 | 5.7987 | | 1.646 | |
| 10 | 4.628 | | .149 | | | 5.881 | | .150 | | |
| | 4.479 | | .148 | | | 5.731 | | .148 | | |
| | 4.331 | | .297 | | | 5.583 | | .298 | | |
| | 13.438 | 4.4793 | | 2.966 | | 17.195 | 5.7317 | | 1.944 | |
| | | 27.9314 | | | | | 60.5098 | | | |

F.B. 2877 P.G. 29

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Notes by: E. E. Brooks
Weather: Clear-Windy
Time: 1:30 – 2:00
Inst. No. 15066
Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From BM102-44 To BM102-43
Date: 2 July 1962
Indexed: G. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 4.959 | 27.9314 | .147 | 2.966 | | 5.780 | 60.5098 | .148 | 2.944 | |
| | 4.812 | | .145 | | | 5.632 | | .144 | | |
| | 4.667 | | .292 | | | 5.488 | | .292 | | |
| | 14.438 | 4.8127 | | 3.258 | | 16.900 | 5.6333 | | 3.276 | |
| 12 | 4.479 | | .146 | | | 6.959 | | .148 | | Summation of Run |
| | 4.333 | | .144 | | | 6.811 | | .147 | | From B.M. 102-44 |
| | 4.189 | | .290 | | | 6.664 | | .295 | | To B.M. 102-43 |
| | 13.001 | 4.3334 | | 3.548 | | 20.434 | 6.8113 | | 3.531 | |
| 13 | 1.031 | | .155 | | #19 | 5.519 | | .151 | | BM102-43 |
| | 0.876 | | .155 | | | 5.368 | | .150 | | Ave F-8 & Dirt Rd 180th |
| | 0.721 | | .310 | | | 5.218 | | .301 | | St. W. |
| | 2.628 | 0.8760 | | 3.858 | 90° | 16.105 | 5.3683 | | 3.832 | See F.B. 2412-47 |
| FB 2477 P.G. 30 | | | | | | | | | | Total Backsights = + 37.9535 |
| | | | | | | | | | | Total Foresights = – 78.3227 |
| | | | | | | | | | | Diff. Elev. = – 40.3692 |
| | | | | | | | | | | Backsight stadia = 3.858 |
| | | | | | | | | | | Foresight Stadia = 3.832 |
| | | | | | | | | | | Total Stadia = 7.690 |
| | | | | | | | | | | 0.489 mi. |
| | | 37.9535 | | | | | 78.3227 | | | |

76P526-CE 379--10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks
Notes by F. E. Brooks
Weather Clear - Windy
Time 9:50 - 10:15
Inst. No. 15066
Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 102-44 To BM 102-45
Date 2 July 1962
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 3.694 | | .123 | | #19 | 3.499 | | .121 | | BM102-44 |
| | 3.571 | | .123 | | | 3.378 | | .124 | | Ave. F-8 \$0.5 mi. E. of |
| 1 | 3.448 | | .246 | | | 3.254 | | .245 | | 190th. St. W. |
| | 10.713 | 3.5710 | | .246 | 84° | 10.131 | 3.3770 | | .245 | See F.B 2412-48 |
| | 4.707 | | .148 | | | 3.852 | | .144 | | |
| | 4.559 | | .149 | | | 3.708 | | .148 | | π Maldonado |
| 2 | 4.410 | | .297 | | | 3.560 | | .292 | | |
| | 13.676 | 4.5587 | | .543 | | 11.120 | 3.7067 | | .537 | |
| | 5.139 | | .149 | | | 4.134 | | .146 | | |
| | 4.990 | | .147 | | | 3.988 | | .148 | | |
| 3 | 4.843 | | .296 | | | 3.840 | | .294 | | |
| | 14.972 | 4.9907 | | .839 | | 11.962 | 3.9873 | | .831 | |
| | 4.863 | | .144 | | | 4.299 | | .148 | | |
| | 4.719 | | .147 | | | 4.151 | | .144 | | |
| 4 | 4.572 | | .291 | | | 4.007 | | .292 | | |
| | 14.154 | 4.7180 | | 1.130 | | 12.457 | 4.1523 | | 1.123 | |
| | 4.892 | | .145 | | | 3.830 | | .149 | | |
| | 4.747 | | .148 | | | 3.681 | | .149 | | |
| 5 | 4.599 | | .293 | | | 3.532 | | .298 | | |
| | 14.238 | 4.7460 | | 1.423 | | 11.043 | 3.6810 | | 1.421 | |
| | | 22.5844 | | | | | 18.9043 | | | |

F.B. 2877 P.G. 31

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks
Notes by F. E. Brooks
Weather Clear - Windy
Time 9:50 - 10:15
Inst. No. 15066
Rod No. 19820

Name LA. Co. Precise Level Net
Job No. 0301.02
From BM 102-44 To BM 102-45A
Date 2 July 1962
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 5.690 | 22.5844 | .148 | 1.423 | | 2.687 | 18.9048 | .149 | 1.421 | |
| | 5.542 | | .144 | | | 2.538 | | .148 | | |
| | 5.398 | | .292 | | | 2.390 | | .297 | | |
| | 16.630 | 5.5433 | | 1.715 | | 7.615 | 2.5383 | | 1.718 | |
| 7 | 5.528 | | .149 | | | 3.563 | | .146 | | |
| | 5.379 | | .147 | | | 3.417 | | .147 | | |
| | 5.232 | | .296 | | | 3.270 | | .293 | | |
| | 16.139 | 5.3797 | | 2.011 | | 10.250 | 3.4167 | | 2.011 | |
| 8 | 4.751 | | .149 | | #19 | 3.949 | | .139 | | BM 102-45A (USC&GS) 305 |
| | 4.602 | | .150 | | | 3.810 | | .140 | | Ave (F-8) & 0.22 Mi. E. of |
| | 4.452 | | .299 | | | 3.670 | | .279 | | 190th St. W. |
| | 13.805 | 4.6017 | | 2.310 | 84° | 11.429 | 3.8097 | | 2.290 | See F.B. 2876-10 |
| F.B. 2877 PG. 32 | | | | | | | | | | |
| | | 38.1091 | | | | | 28.6690 | | | |

Summation of Run
From B.M. 102-44
To B.M. 102-45A

Total Backsights = + 38.1091
Total Foresights = − 28.6690
Diff. Elev. = + 9.4401

Backsight stadia = 2.310
Foresight stadia = 2.290
Total Stadia = 4.60
0.29 mi.

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Windy Inst. No. 15066
Notes by F. E. Brooks Time 1:10 – 1:30 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 102-45A To BM 102-44
Date 2 July 1962
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.116 | | .142 | | #19 | 4.917 | | .147 | | BM 102-45A (USC&GS) |
| | 3.974 | | 140 | | | 4.770 | | .150 | | Ave. (F-8) & 0.22 Mi. E. of |
| | 3.834 | | .282 | | | 4.620 | | .297 | | 190th St. W. |
| | 11.924 | 3.9747 | | 282 | 92° | 14.307 | 4.7690 | | 297 | See F.B. 2876-10 |
| 2 | 3.598 | | .148 | | | 5.568 | | .150 | | |
| | 3.450 | | .147 | | | 5.413 | | .146 | | T Maldonado |
| | 3.303 | | .295 | | | 5.267 | | .296 | | |
| | 10.351 | 3.4503 | | .577 | | 16.243 | 5.4143 | | .593 | |
| 3 | 2.290 | | .148 | | | 6.292 | | .145 | | |
| | 2.142 | | .145 | | | 5.147 | | .147 | | |
| | 1.997 | | .293 | | | 5.000 | | .292 | | |
| | 6.429 | 2.1430 | | .870 | | 15.439 | 5.1463 | | .885 | |
| 4 | 3.917 | | .149 | | | 4.978 | | .147 | | |
| | 3.768 | | .149 | | | 4.831 | | .148 | | |
| | 3.619 | | .298 | | | 4.683 | | .295 | | |
| | 11.304 | 3.7680 | | 1.168 | | 14.492 | 4.8307 | | 1.180 | |
| 5 | 4.238 | | .148 | | | 4.802 | | .145 | | |
| | 4.090 | | .148 | | | 4.657 | | .146 | | |
| | 3.942 | | .296 | | | 4.511 | | .291 | | |
| | 12.270 | 4.0900 | | 1.414 | | 13.970 | 4.6567 | | 1.471 | |
| | | 17.4260 | | | | | 24.8170 | | | |

F.B. 2877 P.G. 33

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks
Notes by E. E. Brooks
Weather Clear - Windy
Time 1:10 - 1:30
Inst. No. 15066
Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From B.M. 102-45A To B.M. 102-44
Date 2 July 1962
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 4.059 | 17.4260 | .148 | 1.464 | | 5.062 | 24.8170 | .148 | 1.471 | |
| | 3.911 | | .147 | | | 4.914 | | .146 | | |
| | 3.764 | | .295 | | | 4.768 | | .294 | | |
| | 11.734 | 3.9113 | | 1.959 | | 14.744 | 4.9147 | | 1.765 | |
| 7 | 3.987 | | .149 | | | 4.834 | | .145 | | |
| | 3.838 | | .148 | | | 4.689 | | .148 | | |
| | 3.690 | | .297 | | | 4.541 | | .293 | | |
| | 11.515 | 3.8383 | | 2.056 | | 14.014 | 4.6880 | | 2.058 | |
| 8 | 3.428 | | .122 | | #19 | 3.622 | | .123 | | BM 102-44 |
| | 3.306 | | .124 | | | 3.499 | | .126 | | Ave. (F-8), 0.5 mi. E. of |
| | 3.182 | | .246 | | | 3.373 | | .249 | | 190th St. W. at house #18350. |
| | 9.916 | 3.3053 | | 2.302 | 92° | 10.494 | 3.4980 | | 2.307 | See F.B. 2412-48 |
| | | | | | | | | | | Summation of Run |
| | | | | | | | | | | From B.M. 102-45A |
| | | | | | | | | | | To B.M. 102-44 |
| | | | | | | | | | | Total Backsights = + 28.4809 |
| | | | | | | | | | | Total Foresights = − 37.9177 |
| | | | | | | | | | | Diff. Elev. = − 9.4368 |
| | | | | | | | | | | Backsight stadia = 2.302 |
| | | | | | | | | | | Foresight Stadia = 2.307 |
| | | | | | | | | | | Total Stadia = 4.609 |
| | | | | | | | | | | 0.29 mi. |
| | | 28.4809 | | | | | 37.9177 | | | |

F.B. 2877 PG. 34

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Windy Inst. No. 15066
Notes by F. E. Brooks Time 8:15-10:30 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 6301.02
From BM 102-45A To BM 102-45
Date 2 July 1962
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.207 | | .159 | | #19 | 3.308 | | .149 | | BM 102-45A (U.S.C&G.S. Y305) |
| | 5.048 | | .161 | | | 3.159 | | .147 | | Ave (F-8) & 0.22 Mi. E. of |
| | 4.887 | | .320 | | | 3.012 | | .296 | | 190th St. W. |
| | 15.142 | 5.0473 | | .320 | 84° | 9.479 | 3.1597 | | .296 | See F.B. 2876-10 |
| 2 | 5.388 | | .149 | | | 3.818 | | .148 | | |
| | 5.239 | | .146 | | | 3.670 | | .147 | | T Maldonado |
| | 5.093 | | .295 | | | 3.523 | | .295 | | |
| | 15.720 | 5.2400 | | .615 | | 11.011 | 3.6703 | | .591 | |
| 3 | 5.670 | | .147 | | | 3.432 | | .149 | | |
| | 5.526 | | .147 | | | 3.283 | | .146 | | |
| | 5.379 | | .291 | | | 3.137 | | .295 | | |
| | 16.575 | 5.5250 | | .906 | | 9.852 | 3.2840 | | .886 | |
| 4 | 5.900 | | .147 | | | 3.260 | | .146 | | |
| | 5.753 | | .143 | | | 3.114 | | .143 | | |
| | 5.610 | | .290 | | | 2.971 | | .289 | | |
| | 17.263 | 5.7543 | | 1.196 | | 9.345 | 3.1150 | | 1.175 | |
| 5 | 6.633 | | .145 | | | 3.773 | | .150 | | |
| | 6.488 | | .149 | | | 3.623 | | .151 | | |
| | 6.339 | | .294 | | | 3.472 | | .301 | | |
| | 19.460 | 6.4867 | | 1.490 | | 10.868 | 3.6227 | | 1.476 | |
| | | 28.0533 | | | | | 16.8517 | | | |

F.B. 2877 P.G. 35

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brook Weather Clear - Windy Inst. No. 15066
Notes by F. E. Brooks Time 10:15 - 10:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 102-45 A To BM 102-45
Date 3 July 1962
Indexed C. J. GALL

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 6.237 | 28.0539 | .117 | 1.490 | #19 | 3.103 | 16.8517 | .112 | 1.476 | BM 102-45 |
| 6 | 6.120 | | .113 | | | 2.991 | | .113 | | Ave. (F-8) & 190th St. W. |
| | 6.007 | | .250 | | | 2.878 | | .225 | | |
| | 18.364 | 6.1213 | | 1.720 | 86° | 8.972 | 2.9907 | | 1.701 | See F.B. 2412-49 |

Summation of Run
From B.M. 102-45A
To B.M. 102-45

Total Backsights = + 34.1746
Total Foresights = − 19.8424
Diff. Elev. = + 14.3322

Backsight stadia = 1.720
Foresight Stadia = 1.701
Total Stadia = 3.421
0.22 mi.

FB. 2877 P.G. 36

34.1746 19.8424

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear-Windy Inst. No. 15066
Notes by ESQUER Time 11:45-12:00 Rod No. 79820

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 102-45 To BM 102-46A
Date 7-2-62
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 3330 | | 115 | | #19 | 6461 | | 113 | | BM 102-45 |
| 1 | 3215 | | 114 | | | 6348 | | 117 | | Ave. (E-8) & 190th St. W. |
| | 3101 | | 229 | | | 6231 | | 230 | | |
| | 9646 | 32153 | | 229 | 92° | 19040 | 63467 | | 230 | See F.B. 2412-49 |
| | 4488 | | 154 | | | 7348 | | 150 | | |
| 2 | 4334 | | 152 | | | 7198 | | 149 | | T Brooks |
| | 4182 | | 306 | | | 7049 | | 299 | | |
| | 13004 | 43347 | | 535 | | 21595 | 71983 | | 529 | |
| | 2592 | | 149 | | | 5230 | | 147 | | |
| 3 | 2443 | | 148 | | | 5083 | | 144 | | |
| | 2295 | | 297 | | | 4939 | | 291 | | |
| | 7330 | 24433 | | 832 | | 15252 | 50840 | | 820 | |
| | 2985 | | 151 | | | 5222 | | 149 | | |
| 4 | 2834 | | 149 | | | 5073 | | 148 | | |
| | 2685 | | 300 | | | 4925 | | 297 | | |
| | 8504 | 28347 | | 1132 | | 15220 | 50733 | | 1117 | |
| | 3069 | | 148 | | | 4639 | | 150 | | |
| 5 | 2921 | | 151 | | | 4489 | | 148 | | |
| | 2770 | | 299 | | | 4341 | | 298 | | |
| | 8760 | 29200 | | 1431 | | 13469 | 44897 | | 1415 | |
| | | 15.7480 | | | | | 28.1920 | | | |

F.B. 2877 P.G. 37

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Notes by: ESQUER
Weather: clear - Windy
Time: 11:45 - 12:00
Inst. No.: 1506.6
Rod No.: 19920

L.A. Co. Precise Level Net
Name:
Job No.: 0301.02
From: BM 102-45 To: BM 102-45A
Date: 7-2-62
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 3555 | 15.7480 | 144 | 1431 | #19 | 5462 | 28.1920 | 162 | 1415 | BM 102-45A |
| | 3411 | | 143 | | | 5300 | | 165 | | Ave. (F-B) 0.22 E. of |
| | 3268 | | 287 | | | 5135 | | 327 | | 190th St. W. |
| | 10234 | 34113 | | 1.718 | 92° | 15897 | 52990 | | 1.742 | See F.B. 2876-10 |
| | | | | | | | | | | Summation of Run |
| | | | | | | | | | | From B.M. 102-45 |
| | | | | | | | | | | To B.M. 102-45A |
| | | | | | | | | | | Total Backsights = + 19.1593 |
| | | | | | | | | | | Total Foresights = − 33.4910 |
| | | | | | | | | | | Diff. Elev. = − 14.3317 |
| | | | | | | | | | | Backsight stadia = 1.718 |
| | | | | | | | | | | Foresight Stadia = 1.742 |
| | | | | | | | | | | Total Stadia = 3.460 |
| | | | | | | | | | | 0.22 mi |
| | | 19.1593 | | | | | 33.4910 | | | |

F.B. 2877 P.G. 38

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks — Weather: Clear - Windy — Inst. No.: 15066
Notes by: F. E. Brooks — Time: 10:35 - 11:10 — Rod No.: 19820

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 102-45 To: BM 102-46
Date: 2 July 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.543 | | .145 | | #19 | 6.681 | | .149 | | BM 102-45 |
| | 3.398 | | .146 | | | 6.532 | | .146 | | Ave. F-8 & 190th St. W. |
| | 3.252 | | .291 | | | 6.386 | | .295 | | |
| | 10.193 | 3.3977 | | .291 | 86° | 19.599 | 6.5330 | | .295 | See F.B. 2412-49 |
| 2 | 5.127 | | .148 | | | 7.695 | | .144 | | |
| | 4.979 | | .149 | | | 7.551 | | .144 | | T Cook |
| | 4.830 | | .297 | | | 7.407 | | .288 | | |
| | 14.936 | 4.9787 | | .588 | | 22.653 | 7.5510 | | .583 | |
| 3 | 3.502 | | .147 | | | 7.088 | | .146 | | |
| | 3.355 | | .147 | | | 6.942 | | .144 | | |
| | 3.208 | | .294 | | | 6.798 | | .290 | | |
| | 10.065 | 3.3550 | | .882 | | 20.828 | 6.9427 | | .873 | |
| 4 | 3.598 | | .150 | | | 6.041 | | .146 | | |
| | 3.448 | | .147 | | | 5.895 | | .146 | | |
| | 3.301 | | .297 | | | 5.749 | | .292 | | |
| | 10.347 | 3.4490 | | 1.179 | | 17.685 | 5.8950 | | 1.165 | |
| 5 | 4.408 | | .149 | | | 5.816 | | .147 | | |
| | 4.259 | | .150 | | | 5.669 | | .146 | | |
| | 4.109 | | .299 | | | 5.523 | | .293 | | |
| | 12.776 | 4.2587 | | 1.478 | | 17.008 | 5.6693 | | 1.458 | |
| | | 19.4391 | | | | | 32.5910 | | | |

F.B. 2877 P.G. 39

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Notes by: F. E. Brooks
Weather: Clear - Windy
Time: 10:35 - 11:10
Inst. No. 15066
Rod No. 19820

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 102-45 To: BM 102-46
Date: 2 Jul 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 4.528 | 19.4391 | .148 | 1.478 | | 5.404 | 32.5910 | .148 | 1.458 | |
| | 4.380 | | .146 | | | 5.256 | | .149 | | |
| | 4.234 | | .294 | | | 5.107 | | .297 | | |
| | 13.142 | 4.3807 | | 1.772 | | 15.767 | 5.2557 | | 1.755 | |
| 7 | 4.238 | | .149 | | | 5.551 | | .147 | | |
| | 4.089 | | .146 | | | 5.404 | | .145 | | |
| | 3.943 | | .295 | | | 5.259 | | .292 | | |
| | 12.270 | 4.0900 | | 2.067 | | 16.214 | 5.4047 | | 2.047 | |
| 8 | 3.731 | | .148 | | | 5.446 | | .147 | | |
| | 3.583 | | .145 | | | 5.299 | | .149 | | |
| | 3.438 | | .293 | | | 5.150 | | .296 | | |
| | 10.752 | 3.5840 | | 2.360 | | 15.895 | 5.2983 | | 2.343 | |
| 9 | 3.761 | | .150 | | | 5.898 | | .149 | | |
| | 3.611 | | .149 | | | 5.749 | | .148 | | |
| | 3.462 | | .299 | | | 5.601 | | .297 | | |
| | 10.834 | 3.6113 | | 2.659 | | 17.248 | 5.7493 | | 2.640 | |
| 10 | 4.090 | | .150 | | | 5.807 | | .146 | | |
| | 3.940 | | .150 | | | 5.661 | | .145 | | |
| | 3.790 | | .300 | | | 5.516 | | .291 | | |
| | 11.820 | 3.9400 | | 1.959 | | 16.984 | 5.6613 | | 2.931 | |
| | | 39.0451 | | | | | 59.9603 | | | |

F.B. 2877 PG. 40

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 15066
Notes by F. E. Brooks Time 10:35 - 11:10 Rod No. 19-20

L.A. Co. Precise Level Net
Name
Job No. 0801.02
From BM 102-45 To BM 102-46
Date 2 July 1962
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 4.068 | 39.0451 | .149 | 2.959 | | 5.693 | 59.9603 | .144 | 2.931 | |
| | 3.919 | | .150 | | | 5.549 | | .147 | | |
| | 3.769 | | .299 | | | 5.402 | | .291 | | Summation of Run |
| | 11.756 | 3.9187 | | 3.258 | | 16.644 | 5.5480 | | 3.222 | From B.M. 102-45 To B.M. 102-46 |
| 12 | 3.749 | | .147 | | | 5.482 | | .150 | | |
| | 3.602 | | .144 | | | 5.332 | | .149 | | Total Backsights = + 58.1277 |
| | 3.458 | | .291 | | | 5.183 | | .299 | | Total Foresights = − 82.7953 |
| | 10.809 | 3.6030 | | 3.549 | | 15.997 | 5.3323 | | 3.521 | Diff. Elev. = − 24.6682 |
| 13 | 6.138 | | .150 | | | 5.998 | | .149 | | Backsight stadia = 4.121 |
| | 5.988 | | .147 | | | 5.849 | | .147 | | Foresight Stadia = 4.094 |
| | 5.841 | | .297 | | | 5.702 | | .296 | | Total Stadia = 8.215 |
| | 17.967 | 5.9890 | | 3.846 | | 17.549 | 5.8497 | | 3.817 | 0.52 mi. |
| 14 | 5.709 | | .137 | | | 6.244 | | .140 | | BM 102-46 |
| | 5.572 | | .138 | | | 6.104 | | .137 | | 190th St. & Ave. (E-15) |
| | 5.434 | | .275 | | | 5.967 | | .277 | | |
| | 16.715 | 5.5718 | | 4.121 | | 18.315 | 6.1050 | | 4.094 | See F.B. 2412-50 |
| | | 58.1277 | | | | | 82.7953 | | | |

F.B. 2877 P.G. 41

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather clear-Windy Inst. No. 15066
Notes by ESQUER Time 11:10 - 11:45 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 102-46 To BM 102-45
Date 7-2-62
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5982 | | ~~141~~ 139 | | #19 | 5448 | | 140 | | BM 102-46 |
| | 5843 | | 139 | | | 5308 | | 140 | | 190th St. W. & Ave. (E-15) |
| | 5704 | | ~~280~~ 78 | | | 5168 | | 280 | | |
| | 17529 | 5.8430 | | ~~280~~ 78 | 86° | 15924 | 5.3080 | | 280 | See F.B. 2412-50 |
| 2 | 5688 | | 147 | | | 5829 | | 148 | | |
| | 5541 | | 149 | | | 5681 | | 151 | | T Brooks |
| | 5392 | | 296 | | | 5530 | | 299 | | |
| | 16621 | 5.5403 | | ~~578~~ 4 | | 17040 | 5.6800 | | 579 | |
| 3 | 5044 | | 148 | | | 3313 | | 148 | | |
| | 4896 | | 147 | | | 3165 | | 148 | | |
| | 4749 | | 295 | | | 3017 | | 296 | | |
| | 14689 | 4.8963 | | ~~871~~ 69 | | 9495 | 3.1650 | | 875 | |
| 4 | 5385 | | 144 | | | 3759 | | 149 | | |
| | 5241 | | 146 | | | 3610 | | 149 | | |
| | 5095 | | 290 | | | 3461 | | 298 | | |
| | 15721 | 5.2403 | | ~~1161~~ 59 | | 10830 | 3.6100 | | 1173 | |
| 5 | 5349 | | 148 | | | 3626 | | 148 | | |
| | 5201 | | 150 | | | 3478 | | 149 | | |
| | 5051 | | 298 | | | 3329 | | 297 | | |
| | 15601 | 5.2003 | | ~~1457~~ 7 | | 10433 | 3.4777 | | 1470 | |
| | | 26.7202 | | | | | 21.2407 | | | |

E.B. 2877 P.G. 42

76P526-CE 379--10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks
Weather: Clear-Windy
Inst. No.: 15066
Notes by: ESQUER
Time: 11:10 - 11:45
Rod No.: 19520

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 102-46 To: BM 102-46
Date: 7-2-62
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 5432 | 26.7202 | 150 | 1454 | | 3295 | 21.2407 | 147 | 1470 | |
| | 5282 | | 147 | | | 3148 | | 146 | | |
| | 5135 | | 297 | 4 | | 3002 | | 293 | | |
| | 15849 | 52830 | | 1758 | | 9445 | 31483 | | 1763 | |
| 7 | 5161 | | 151 | | | 3443 | | 148 | | |
| | 5010 | | 148 | | | 3295 | | 147 | | |
| | 4862 | | 299 | 3 | | 3148 | | 295 | | |
| | 15033 | 50110 | | 2055 | | 9886 | 32953 | | 2058 | |
| 8 | 5335 | | 146 | | | 4024 | | 149 | | |
| | 5189 | | 144 | | | 3875 | | 150 | | |
| | 5045 | | 290 | 3 | | 3725 | | 299 | | |
| | 15569 | 51897 | | 2345 | | 11624 | 38747 | | 2357 | |
| 9 | 5190 | | 150 | | | 4312 | | 146 | | |
| | 5040 | | 149 | | | 4166 | | 146 | | |
| | 4891 | | 299 | 2 | | 4020 | | 292 | 4 | |
| | 15121 | 50403 | | 2644 | | 12498 | 41660 | | 2649 | |
| 10 | 5432 | | 148 | | | 4022 | | 147 | | |
| | 5284 | | 146 | | | 3875 | | 147 | | |
| | 5138 | | 294 | 6 | | 3728 | | 294 | 4 | |
| | 15854 | 52847 | | 2938 | | 11625 | 38750 | | 2943 | |
| | | 52.5289 | | | | | 39.6000 | | | |

F.B. 2877 P.G. 43

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brook — Weather: Clear - Windy — Inst. No. 150.66
Notes by: ESQUER — Time: 11:10 - 11:46 — Rod No. 19 & 20

Name: L.A. Co. Precise Level Net
Job No. 0501.02
From: BM 102-46 To: BM 102-45
Date: 7-2-62
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 5408 | 52.5289 | 146 | 2938 | | 2964 | 39.6000 | 149 | 2923 | Summation of Run |
| | 5262 | | 149 | | | 2815 | | 147 | | From B.M. 102-46 |
| | 5113 | | 295 | | | 2668 | | 296 | | To B.M. 102-45 |
| | 15783 | 52610 | 48 | 3233 | | 8447 | 28157 | | 3259 | |
| 12 | 6750 | | 152 | | | 3164 | | 145 | | Total Backsights = + 77.2749 |
| | 6602 | | 148 | | | 3019 | | 147 | | Total Foresights = − 52.6160 |
| | 6454 | | 300 | | | 2872 | | 292 | | Diff. Elev. = + 24.6589 |
| | 19806 | 66020 | 296 | 3533 | | 9055 | 30183 | | 3551 | Backsight stadia = 4.128 |
| 13 | 7157 | | 152 | | | 4578 | | 140 | | Foresight Stadia = 4.120 |
| | 7005 | | 150 | | | 4438 | | 138 | | Total Stadia = 8.248 |
| | 6855 | | 302 | | | 4300 | | 278 | | 0.52 mi. |
| | 21017 | 70057 | | 3835 | | 13316 | 44387 | | 3829 | |
| 14 | 6023 | | 145 | | | 2889 | | 146 | | BM 102-45 |
| | 5878 | | 147 | | | 2743 | | 145 | | Ave. (E-8) & 190th St. W. |
| | 5731 | | 292 | | | 2598 | | 291 | | |
| | 17632 | 58773 | | 4128 | 92° | 8230 | 27433 | | 4120 | See F.B. 2412-49 |
| | | 77.2749 | | | | | 52.6160 | | | |

F.B. 2877 P.G. 44

| | | |
|---|---|---|
| Notes Ck'd by | Survey of L.A. Co. Precise Level Net | F.B. 2877 Pg. 45 |
| Map No. | JN 0301.02 Tape Std °F | |
| Office Work | Surveyed by E. E. Brooks | |
| Checked | Notes E. E. Brooks Date 4/10/1962 | |
| Date | Indexed C. J. GALLI JUL 30 '62 | |

J.N. 0301.02

L.A. CO. PRECISE LEVEL NET

LINE No 103

ROUTE.

W. on Ave F. from SIERRA HWY To 60th ST. W. S. on 60th ST W. from AVE F. To AVE I

E.E. Brooks
J.M. Maldonado
G.E. Cook
G.R. Esguer

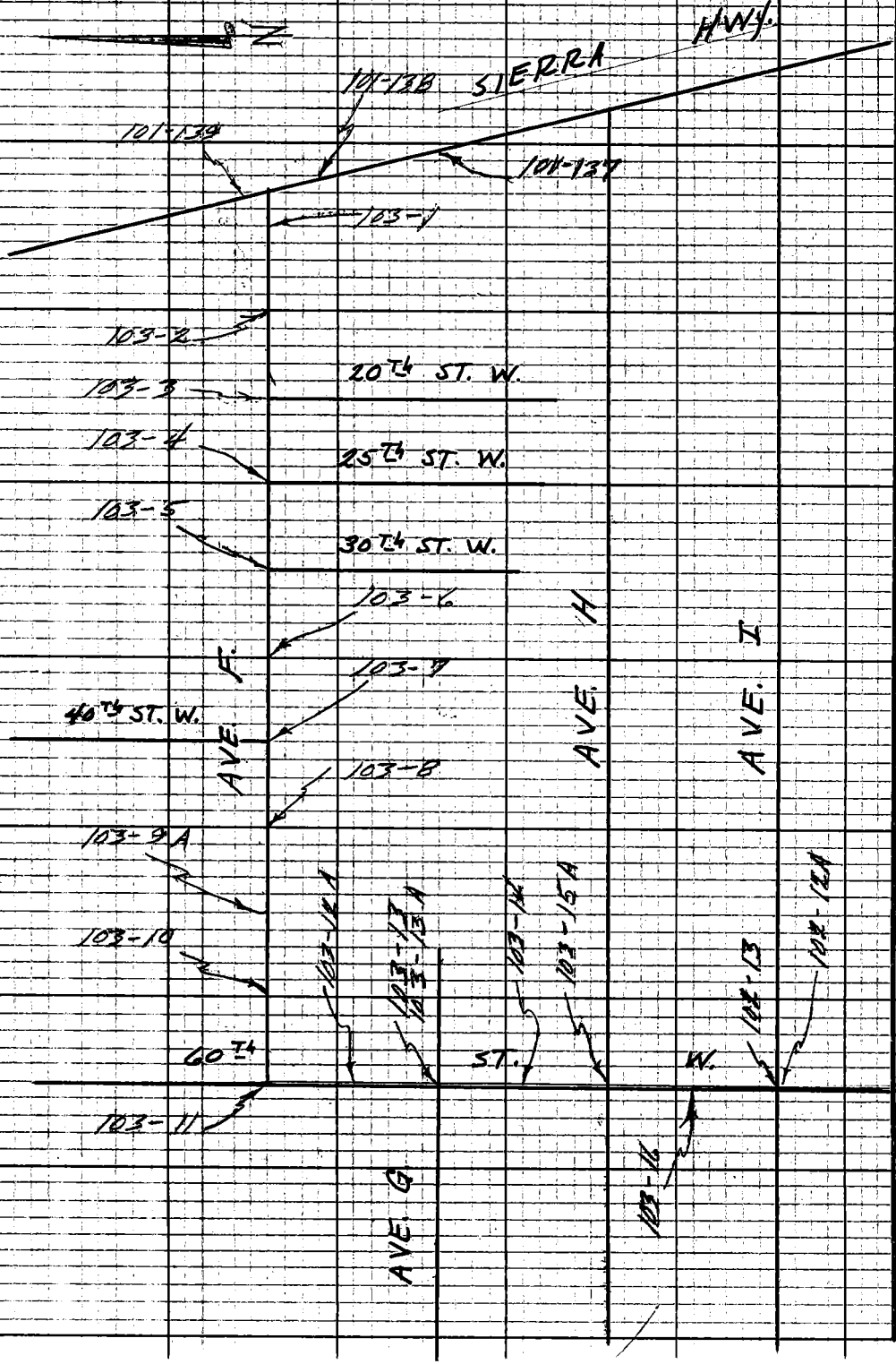
Notes: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F309S CE #247—3-57

F.B. 2877 PG. 46



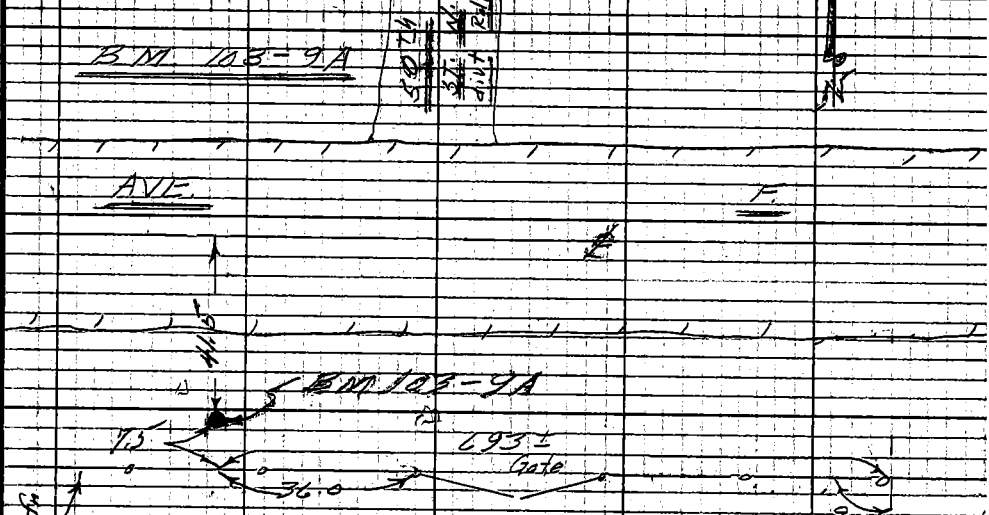

RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

| | |
|---|---|
| Notes Ck'd by | Survey of L.A. Co. Precise Level Net |
| Map No. | JN 030102 Tape Std °F |
| Office Work | Surveyed by E. E. Brooks |
| Checked | Notes E. E. Brooks Date 10/24/62 |
| Date | Indexed C. J. GALLI |

F.B. 2877 PG. 49




Aircraft Beacon on S. side of Fox Airport

BM 103-9A

This mark is on AVE. F. at 50th St. W. The mark is 41.5 ft. S. of the center line of AVE. F. and 7.5 ft. N. of a 4.0 ft chain link fn.; 36.0 ft. W. of the W. gate post of a gate and 693± ft. W. of a line at 90° to the chain link fn. and the Aircraft Beacon on the S. side of Fox Airport. The mark is a L.A. Co. Engineer Button Brass Cap set in the top of a 12" dia conc. post 4" high. The mark is stamped BM 103-9A RF 5869 1962.

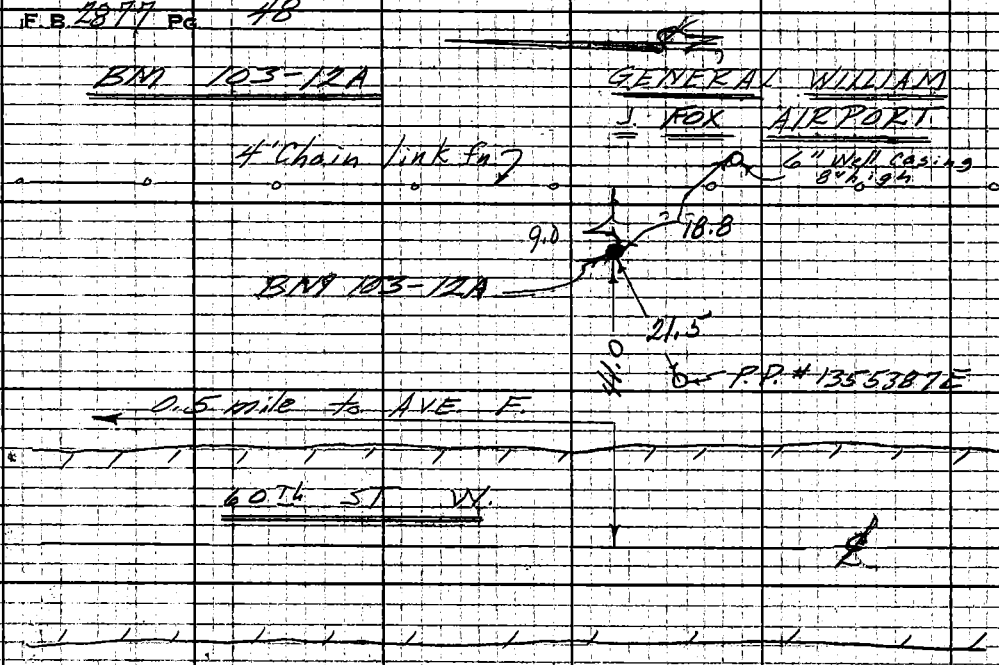
Note: Any Additions or Changes on This Sheet Must be Made of Circled in Red Ink With Date and Name of Person Making Change.

Do not extend notes this side of this line.

RETURN TO LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F305 CE #247 3-57

F.B. 2877 PG. 48




BM 103-12A

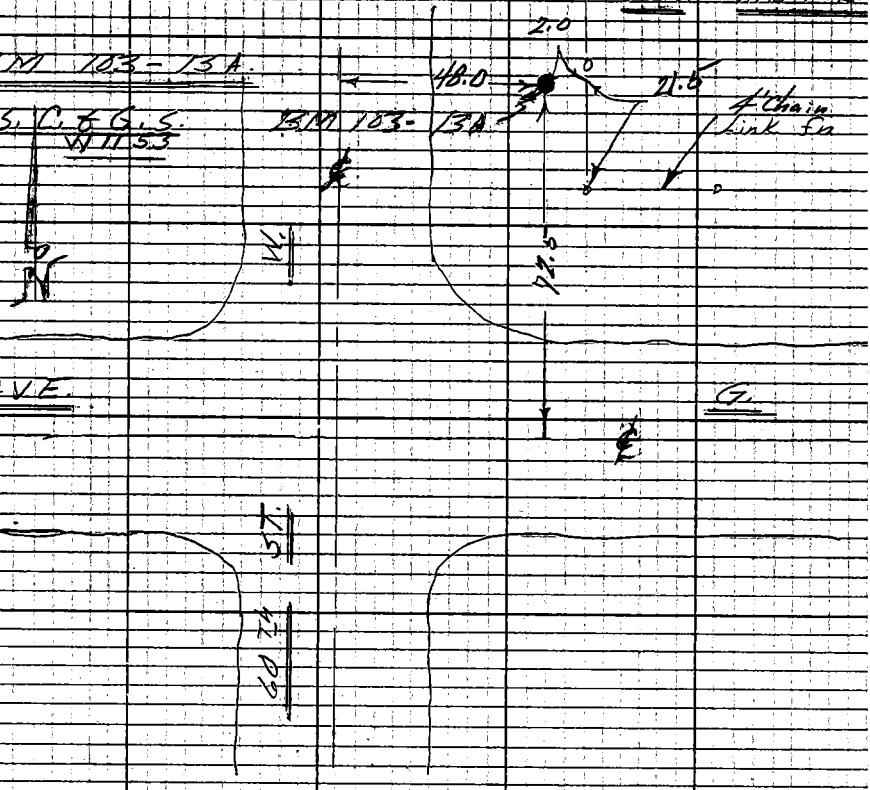
This mark is on the E. side of 60TH ST. W. 0.5 mile S. of AVE. F. The mark is 9.0 ft W. of a 4 ft. Chain link fn.; 18.8 ft N.W. of a 6" Well casing 8" high; 21.5 ft. N.E. of P.P. # 1353387E. and 41.0 ft E. of the ℄ of 60TH ST. W. The mark is a L.A. Co. Engr. Button Brass Cap set in the Top of a 12" dia conc. post 4" high. The mark is stamped BM 103-12A R.E. 5869, 1962

RETURN TO LOS ANGELES COUNTY ENGINEER 700 LOS ANGELES COUNTY ENGINEERING BLDG.
Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

| | |
|---|---|
| Notes Ck'd by | Survey of L.A. Co. Precise Level Net |
| Map No. | JN 0501.02 Tape Std °F |
| Office Work | Surveyed by E. E. Brooks |
| Checked | Notes E. E. Brooks Date 11 July 62 |
| Date | Indexed C. J. GALLI |

F.B. 2877 Pg. 49

GENERAL WILLIAM J. FOX AIR PORT




BM 103-13A D.S.C.&G.S. W 1153

This mark is on AVE. G at 60th ST. W. The mark is 72.5 ft N of the ℄ of Ave G and 48.0 ft. E. of the ℄ of 60th ST. W.; 2.0 ft. W. of a 4' Chain link fn. and 21.5 ft. N. of the S.W. Cor. of the fn. The mark is a U.S.C.&G.S. Brass Disc set in the top of a 12" dia conc post 4" high and is stamped W 1153 1961.

Notes: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

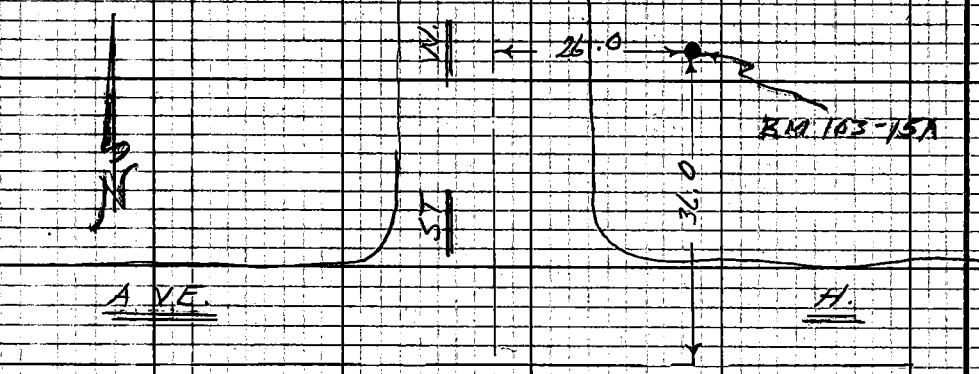
Do not extend notes this side of this line.

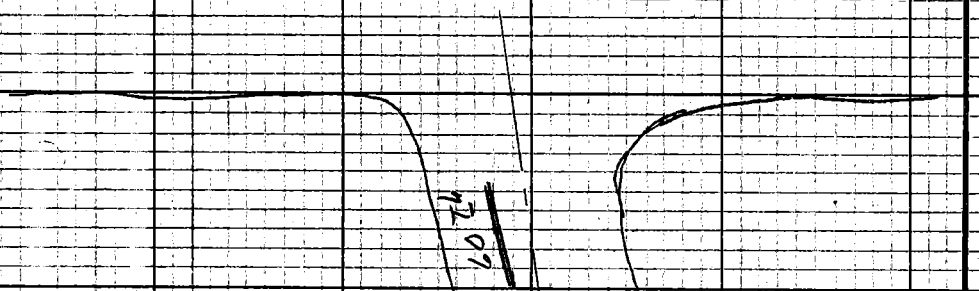
RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

76F3095 CE #247 3-57

F.B. 2877 PG. 50

BM 103-15A U.S.C. & G.S. V 1153 1961




BM 103-15A U.S.C. & G.S. V 1153

This mark is on AVE H at 60 th ST. W. The mark is 36.0 ft N. of the ℄ of of AVE H and 26.0 ft E. of the ℄ of 60 th ST. W. The mark is a U.S.C. & G.S. Brass Disc set in the Top of a 12" dia cone post 4' high and is stamped V 1153 1961

RETURN TO
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Do not extend notes this side of this line.
Note: Any Additions or Changes on This Sheet Must be Made or Circled in Red Ink With Date and Name of Person Making Change.

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks  Weather: Clear  Inst. No.: 15066
Notes by: F. E. Brooks  Time: 9:30 - 10:45  Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 101-137  To: BM 101-138
Date: 17 July 1962
Indexed: C. J. GALLI  JUL 30 '62

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 7.033 | | .140 | | #19 | 5.343 | | .147 | | BM 101-137 |
| | 6.893 | | .143 | | | 5.196 | | .148 | | 4.5 ft N.W. of mile post 403 |
| | 6.750 | | .283 | | | 5.048 | | .295 | | and 88.5 ft E. of ℄ Sierra Hwy |
| | 20.676 | 6.8920 | | .283 | 88° | 15.587 | 5.1957 | | .295 | See F.B. 2410-41 |
| 2 | 4.727 | | .137 | | | 6.552 | | .135 | | |
| | 4.590 | | .137 | | | 6.417 | | .137 | | T Maldonado |
| | 4.453 | | .274 | | | 6.280 | | .272 | | |
| | 13.770 | 4.5900 | | .557 | | 19.249 | 6.4163 | | .567 | |
| 3 | 6.372 | | .143 | | | 5.313 | | .141 | | 15 min wait for Train |
| | 6.229 | | .142 | | | 5.172 | | .143 | | |
| | 6.087 | | .285 | | | 5.029 | | .284 | | |
| | 18.688 | 6.2293 | | .842 | | 15.514 | 5.1713 | | .851 | |
| 4 | 4.818 | | .136 | | | 5.122 | | .134 | | |
| | 4.682 | | .135 | | | 4.988 | | .136 | | |
| | 4.547 | | .271 | | | 4.852 | | .270 | | |
| | 14.047 | 4.6823 | | 1.113 | | 14.962 | 4.9873 | | 1.121 | |
| 5 | 4.768 | | .140 | | | 5.023 | | .134 | | |
| | 4.628 | | .140 | | | 4.889 | | .137 | | |
| | 4.488 | | .280 | | | 4.752 | | .271 | | |
| | 13.884 | 4.6280 | | 1.393 | | 14.664 | 4.8880 | | 1.392 | |
| | | 27.0216 | | | | | 26.6588 | | | |

F.B. 2870 P.G. 57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks  Weather: Clear  Inst. No.: 15066
Notes by: E. E. Brooks  Time: 9:30 - 10:45  Rod No.: 19-20

Name:
Job No.: 0301.02
From: BM101-137 To: BM101-138
Date: 17 July 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 4.768 | 270216 | .138 | 1.393 | | 5.047 | 266586 | .140 | 1.392 | |
| | 4.630 | | .138 | | | 4.907 | | .139 | | |
| | 4.492 | | .276 | | | 4.768 | | .279 | | |
| | 13.890 | 4.6300 | | 1.669 | | 14.722 | 4.9073 | | 1.671 | |
| 7 | 4.827 | | .135 | | | 5.082 | | .135 | | |
| | 4.692 | | .133 | | | 4.947 | | .137 | | |
| | 4.559 | | .268 | | | 4.810 | | .272 | | |
| | 14.078 | 4.6927 | | 1.937 | | 14.839 | 4.9463 | | 1.943 | |
| 8 | 4.856 | | .133 | | | 5.152 | | .133 | | |
| | 4.723 | | .131 | | | 5.019 | | .135 | | |
| | 4.592 | | .264 | | | 4.884 | | .268 | | |
| | 14.171 | 4.7237 | | 2.201 | | 15.055 | 5.0183 | | 2.211 | |
| 9 | 4.758 | | .132 | | | 5.041 | | .132 | | |
| | 4.626 | | .134 | | | 4.909 | | .132 | | |
| | 4.492 | | .266 | | | 4.777 | | .264 | | |
| | 13.876 | 4.6253 | | 2.467 | | 14.727 | 4.9090 | | 2.475 | |
| 10 | 4.751 | | .141 | | | 5.183 | | .136 | | |
| | 4.610 | | .142 | | | 5.047 | | .139 | | |
| | 4.468 | | .287 | | | 4.908 | | .275 | | |
| | 13.829 | 4.6097 | | 2.750 | | 15.138 | 5.0460 | | 2.750 | |
| | | 503030 | | | | | 514855 | | | |

F.B. 2877 P.G. 52

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks  Weather: Clear  Inst. No.: 15066
Notes by: F. E. Brooks  Time: 9:30 - 10:45  Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 101-137 To: BM 101-138
Date: 17 July 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 4.700 | 603030 | .143 | 2.750 | | 5.189 | 514855 | .154 | 2.750 | |
| | 4.557 | | .140 | | | 5.035 | | .154 | | |
| | 4.417 | | .283 | | | 4.881 | | .308 | | |
| | 13.674 | 4.5580 | | 3.033 | | 15.105 | 5.0350 | | 3.058 | |
| 12 | 4.693 | | .135 | | | 6.410 | | .134 | | |
| | 4.558 | | .137 | | | 6.276 | | .135 | | |
| | 4.421 | | .272 | | | 6.141 | | .269 | | |
| | 13.672 | 4.5573 | | 3.305 | | 18.827 | 6.2757 | | 3.327 | |
| 13 | 6.140 | | .140 | | | 6.301 | | .139 | | |
| | 6.000 | | .139 | | | 5.162 | | .138 | | |
| | 5.861 | | .279 | | | 5.024 | | .277 | | |
| | 18.001 | 6.0003 | | 3.584 | | 15.487 | 5.1623 | | 3.604 | |
| 14 | 4.739 | | .146 | | | 5.238 | | .139 | | |
| | 4.593 | | .143 | | | 5.099 | | .141 | | |
| | 4.450 | | .289 | | | 4.958 | | .280 | | |
| | 13.782 | 4.5940 | | 3.873 | | 15.295 | 5.0983 | | 3.884 | |
| 15 | 4.732 | | .132 | | | 5.213 | | .136 | | |
| | 4.600 | | .131 | | | 5.077 | | .139 | | |
| | 4.469 | | .263 | | | 4.938 | | .275 | | |
| | 13.801 | 4.6003 | | 4.136 | | 15.228 | 5.0760 | | 4.159 | |
| | | 746129 | | | | | 781328 | | | |

F.B. 1890 P.G. 57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party ..... Weather Clear Inst. No. 15066
Notes by ..... Time 9:30-10:45 Rod No. 19-26

Name .....
Job No. 0301.02
From BM101-137 To BM101-138
Date 17
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 4.613 | 746129 | .141 | 4.136 | | 5.239 | 791328 | .142 | 4.159 | |
| | 4.472 | | .141 | | | 5.097 | | .146 | | |
| | 4.331 | | .282 | | | 4.951 | | .288 | | |
| | 13.416 | 4.4720 | | 4.418 | | 15.287 | 5.0957 | | 4.447 | |
| 17 | 4.640 | | .142 | | | 5.342 | | .152 | | |
| | 4.498 | | .143 | | | 5.190 | | .153 | | |
| | 4.355 | | .285 | | | 5.037 | | .305 | | |
| | 13.493 | 4.4977 | | 4.703 | | 15.569 | 5.1897 | | 4.752 | |
| 18 | 4.540 | | .148 | | | 5.159 | | .122 | | |
| | 4.392 | | .144 | | | 5.037 | | .124 | | |
| | 4.248 | | .292 | | | 4.913 | | .246 | | |
| | 13.180 | 4.3933 | | 4.995 | | 15.109 | 5.0363 | | 4.998 | |
| 19 | 4.640 | | .142 | | | 5.221 | | .141 | | |
| | 4.498 | | .145 | | | 5.080 | | .142 | | |
| | 4.353 | | .287 | | | 4.938 | | .283 | | |
| | 13.491 | 4.4970 | | 5.282 | | 15.239 | 5.0799 | | 5.281 | |
| 20 | 4.711 | | .138 | | | 5.221 | | .144 | | |
| | 4.573 | | .134 | | | 5.077 | | .146 | | |
| | 4.439 | | .272 | | | 4.931 | | .290 | | |
| | 13.723 | 4.5743 | | 5.554 | | 15.229 | 5.0763 | | 5.571 | |
| | | 970472 | | | | | 1036105 | | | |

F.B. 2877 P.G. 54

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks  Weather: Clear  Inst. No. 15066
Notes by: E. E. Brooks  Time: 9:30-10:45  Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 03 01.02
From: BM 101-137 To: BM 101-138
Date: 17 July 1962
Indexed: [redacted] J. GAHM

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 21 | 1.410 | 970472 | .098 | 5.554 | #19 | 3.678 | 1036105 | .097 | 5.571 | BM 101-138 (Y56 1926) |
| | 1.312 | | .096 | | | 3.563 | | .095 | | Sierra Hwy. & 3.2 mi. N. |
| | 1.216 | | .194 | | | 3.468 | | .192 | | along So. P.R.R. from Sta. at Lancaster |
| | 3.938 | 1.3127 | | 5.748 | 92° | 10.691 | 3.5637 | | 5.763 | See F.B. 2410-42 |
| | | | | | | | | | | Summation of Run<br>From B.M.<br>To B.M. |
| | | | | | | | | | | Total Backsights = + 983599<br>Total Foresights = − 1071742<br>Diff. Elev. = − 88143 |
| | | | | | | | | | | Backsight stadia = 5748<br>Foresight Stadia = 5763<br>Total Stadia = 11.511<br>0.73 mi |
| | | | | | | | | | | F.B. 2870 P.G. 55 |
| | | 983599 | | | | | 1071742 | | | |

NFZ

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by ESQUER Time 10:50 - 12:00 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 101-138 To BM 101-137
Date 7-17-62
Indexed E. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4082 | | 095 | | 91 | 1834 | | 097 | | BM 101-138 |
| | 3987 | | 096 | | | 1737 | | 098 | | |
| | 3891 | | 191 | | | 1639 | | 196 | | |
| | 11960 | 39867 | | 191 | 92° | 5210 | 17367 | | 196 | |
| 2 | 5701 | | 148 | | | 5188 | | 136 | | |
| | 5553 | | 145 | | | 5052 | | 134 | | K Cook |
| | 5408 | | 293 | | | 4918 | | 270 | | |
| | 16662 | 55540 | | 484 | | 15158 | 50527 | | 466 | |
| 3 | 4459 | | 146 | | | 3876 | | 144 | | |
| | 4313 | | 144 | | | 3732 | | 142 | | |
| | 4169 | | 290 | | | 3590 | | 286 | | |
| | 12941 | 43137 | | 774 | | 11198 | 37327 | | 752 | |
| 4 | 4498 | | 137 | | | 3852 | | 134 | | |
| | 4361 | | 134 | | | 3718 | | 136 | | |
| | 4227 | | 271 | | | 3582 | | 270 | | |
| | 13086 | 43620 | | 1045 | | 11152 | 37173 | | 1022 | |
| 5 | 4438 | | 155 | | | 3740 | | 147 | | |
| | 4283 | | 152 | | | 3593 | | 144 | | |
| | 4131 | | 307 | | | 3449 | | 291 | | |
| | 12852 | 42840 | | 1352 | | 10782 | 35940 | | 1313 | |
| | | 22.5004 | | | | | 17.8334 | | | |

F.B. 2877 P.G. 56

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather clear Inst. No. 15066
Notes by ESQUER Time 10:50 - 12:00 Rod No. 19520

Name L.A. Co. Precise Level Net
Job No. 0801.02
From BM 101-138 To BM 101-157
Date 7-17-62
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 4302 | 22.5004 | 138 | 1352 | | 6602 | 17.8334 | 149 | 1313 | |
| | 4164 | | 136 | | | 6453 | | 145 | | |
| | 4028 | | 274 | | | 6308 | | 294 | | |
| | 12494 | 41647 | | 1626 | | 19363 | 64543 | | 1607 | |
| 7 | 6873 | | 132 | | | 3491 | | 141 | | (20 min. wait for train.) |
| | 6741 | | 132 | | | 3350 | | 142 | | |
| | 6609 | | 264 | | | 3208 | | 283 | | |
| | 20223 | 67410 | | 1890 | | 10049 | 33497 | | 1890 | |
| 8 | 4463 | | 142 | | | 3960 | | 144 | | |
| | 4321 | | 142 | | | 3816 | | 146 | | |
| | 4179 | | 284 | | | 3670 | | 290 | | |
| | 12963 | 43210 | | 2174 | | 11446 | 38153 | | 2180 | |
| 9 | 4230 | | 138 | | | 3799 | | 138 | | |
| | 4092 | | 139 | | | 3661 | | 140 | | |
| | 3953 | | 277 | | | 3521 | | 278 | | |
| | 12275 | 40917 | | 2451 | | 10981 | 36603 | | 2458 | |
| 10 | 4206 | | 137 | | | 3755 | | 135 | | |
| | 4069 | | 137 | | | 3620 | | 132 | | |
| | 3932 | | 274 | | | 3488 | | 267 | | |
| | 12207 | 40690 | | 2725 | | 10863 | 36210 | | 2725 | |
| | | 45.8878 | | | | | 387340 | | | |

F.B. 1911 P.G. 57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks  Weather: Clear  Inst. No.: 15066
Notes by: ESQUER  Time: 10:50-12:00  Rod No.: 19420

L.A. Co. Precise Level Net
Name:
Job No.: 0801.02
From: BM 101-138 To: BM 101-137
Date: 7-17-62
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 4120 | 44.8818 | 152 | 2725 | | 3636 | 38.7340 | 145 | 2725 | |
| | 3968 | | 155 | | | 3491 | | 143 | | |
| | 3813 | | 307 | | | 3348 | | 288 | | |
| | 11901 | 39670 | | 3032 | | 10475 | 34917 | | 3013 | |
| 12 | 4328 | | 140 | | | 3890 | | 140 | | |
| | 4188 | | 140 | | | 3750 | | 142 | | |
| | 4048 | | 280 | | | 3608 | | 282 | | |
| | 12564 | 41880 | | 3312 | | 11248 | 37493 | | 3295 | |
| 13 | 3968 | | 131 | | | 3688 | | 136 | | |
| | 3837 | | 134 | | | 3552 | | 132 | | |
| | 3703 | | 265 | | | 3420 | | 268 | | |
| | 11508 | 38360 | | 3577 | | 10660 | 35533 | | 3563 | |
| 14 | 4288 | | 138 | | | 5602 | | 130 | | |
| | 4150 | | 139 | | | 5472 | | 130 | | |
| | 4011 | | 277 | | | 5342 | | 260 | | |
| | 12449 | 41497 | | 3854 | | 16416 | 54720 | | 3823 | |
| 15 | 5872 | | 121 | | | 4026 | | 147 | | |
| | 5751 | | 123 | | | 3879 | | 147 | | |
| | 5628 | | 244 | | | 3732 | | 294 | | |
| | 17251 | 57503 | | 4098 | | 11637 | 38790 | | 4117 | |
| | | 67.7788 | | | | | 58.8793 | | | |

F.B. 2877 P.G. 58

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by ESQUER Time 10:50-12:00 Rod No. 19820

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 101-138 To BM 101-137
Date 7-17-62
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 4322 | 67.7788 | 143 | 4698 | | 4033 | 58.8793 | 132 | 4117 | |
| | 4179 | | 146 | | | 3901 | | 135 | | |
| | 4033 | | 289 | | | 3766 | | 267 | | |
| | 12534 | 41780 | | 4387 | | 11700 | 39000 | | 4384 | |
| 17 | 3846 | | 136 | | | 3587 | | 144 | | |
| | 3710 | | 132 | | | 3443 | | 142 | | |
| | 3578 | | 268 | | | 3301 | | 286 | | |
| | 11134 | 37113 | | 4655 | | 10331 | 34437 | | 4670 | |
| 18 | 3831 | | 133 | | | 3522 | | 134 | | |
| | 3698 | | 137 | | | 3388 | | 136 | | |
| | 3561 | | 270 | | | 3252 | | 270 | | |
| | 11090 | 36967 | | 4925 | | 10162 | 33873 | | 4940 | |
| 19 | 4144 | | 144 | | | 3770 | | 141 | | |
| | 4000 | | 148 | | | 3629 | | 139 | | |
| | 3852 | | 292 | | | 3490 | | 280 | | |
| | 11996 | 39987 | | 5217 | | 10889 | 36297 | | 5220 | |
| 20 | 4301 | | 136 | | | 3904 | | 135 | | |
| | 4165 | | 135 | | | 3769 | | 136 | | |
| | 4030 | | 271 | | | 3633 | | 271 | | |
| | 12496 | 41653 | | 5488 | | 11306 | 37687 | | 5491 | |
| | | 87.5288 | | | | | 77.4087 | | | |

F.B. 8117 P.G. 59

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks
Notes by: ESQUER
Weather: Clear
Time: 10:50 - 12:00
Inst. No: 15066
Rod No: 18820

Name: L.A. Co. Precise Level Net
Job No: 0301.02
From: BM 101-138 To: BM 101-137
Date: 7-17-62
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 21 | 4080 | 87.5288 | 149 | 5488 | | 5759 | 77.0087 | 137 | 5491 | BM 101-137 |
| | 3931 | | 150 | | | 5622 | | 134 | | Sierra Hwy ± 125 ft. N. of |
| | 3781 | | 299 | | | 5488 | | 271 | | Ave. G |
| | 11792 | 39.9307 | | 5.787 | 96° | 16869 | 56.6230 | | 5.762 | See F.B. 2410-41 |
| | | | | | | | | | | Summation of Run<br>From B.M. 101-138<br>To B.M. 101-137 |
| | | | | | | | | | | Total Backsights = + 91.4595<br>Total Foresights = − 82.6317<br>Diff. Elev. = + 8.8278 |
| | | | | | | | | | | Backsight stadia = 5.787<br>Foresight Stadia = 5.762<br>Total Stadia = 11.549<br>0.73 mi. |
| | | 91.4595 | | | | | 82.6317 | | | |

F.B. 2877 P.G. 20

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear - Windy Inst. No. 10566
Notes by E. E. Brooks Time 11:35 - 1:45 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 101-138 To BM 101-139
Date 4 July 1962
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.528 | | .140 | | #19 | 3.789 | | .151 | | BM 101-138 (U.S.C.&G.S. 1956) |
| | 5.388 | | .140 | | | 3.638 | | .155 | | 8 Tel. Poles So. of mi. Pole #02 |
| | 5.248 | | .280 | | | 3.483 | | .306 | | & 34.2 ft. E. of E U.S. Hwy. 6. |
| | 16.164 | 5.3880 | | .280 | 94° | 10.910 | 3.6367 | | .306 | See F.B. 2410-42 |
| 2 | 4.635 | | .143 | | | 4.962 | | .146 | | |
| | 4.492 | | .139 | | | 4.816 | | .147 | | F. E. Brooks |
| | 4.353 | | .282 | | | 4.669 | | .293 | | |
| | 13.480 | 4.4933 | | .562 | | 14.447 | 4.8157 | | .599 | |
| 3 | 4.582 | | .154 | | | 4.905 | | .154 | | |
| | 4.428 | | .155 | | | 4.751 | | .150 | | |
| | 4.273 | | .309 | | | 4.601 | | .304 | | |
| | 13.283 | 4.4277 | | .871 | | 14.257 | 4.7523 | | .907 | |
| 4 | 4.561 | | .143 | | | 4.830 | | .145 | | |
| | 4.418 | | .147 | | | 4.685 | | .145 | | |
| | 4.271 | | .290 | | | 4.540 | | .290 | | |
| | 13.250 | 4.4166 | | 1.161 | | 14.055 | 4.6850 | | 1.193 | |
| 5 | 4.541 | | .156 | | | 4.880 | | .161 | | |
| | 4.385 | | .155 | | | 4.719 | | .160 | | |
| | 4.230 | | .311 | | | 4.559 | | .321 | | |
| | 13.156 | 4.3853 | | 1.472 | | 14.158 | 4.7193 | | 1.514 | |
| | | 23.1109 | | | | | 22.6090 | | | |

F.B. 2377 P.G. 61

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks
Notes by: F. E. Brooks
Weather: Clear-Windy
Time: 11:35-1:45
Inst. No. 15066
Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM101-138 To: BM101-139
Date: 11 July 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 4.570 | 23.1109 | .148 | 1.472 | | 8.179 | 22.6090 | .154 | 1.514 | 1.5 hr. for lunch and Two Trains |
| | 4.422 | | .148 | | | 8.025 | | .154 | | |
| | 4.274 | | .296 | | | 7.871 | | .308 | | |
| | 13.266 | 4.4220 | | 1.768 | 94° | 24.075 | 8.0250 | | 1.822 | |
| 7 | 7.839 | | .151 | | | 4.768 | | .117 | | |
| | 7.688 | | .150 | | | 4.651 | | .117 | | |
| | 7.538 | | .301 | | | 4.534 | | .234 | | |
| | 23.065 | 7.6883 | | 2.069 | 96° | 13.953 | 4.6510 | | 2.056 | |
| 8 | 4.567 | | .130 | | | 4.757 | | .134 | | |
| | 4.437 | | .129 | | | 4.623 | | .132 | | |
| | 4.308 | | .259 | | | 4.491 | | .266 | | |
| | 13.312 | 4.4373 | | 2.328 | | 13.871 | 4.6237 | | 2.322 | |
| 9 | 4.596 | | .135 | | | 4.870 | | .130 | | |
| | 4.461 | | .132 | | | 4.740 | | .130 | | |
| | 4.329 | | .267 | | | 4.610 | | .260 | | |
| | 13.386 | 4.4620 | | 2.595 | | 14.220 | 4.7400 | | 2.582 | |
| 10 | 4.535 | | .145 | | | 4.843 | | .145 | | |
| | 4.390 | | .142 | | | 4.698 | | .147 | | |
| | 4.248 | | .287 | | | 4.551 | | .292 | | |
| | 13.173 | 4.3910 | | 2.882 | | 14.092 | 4.6973 | | 2.874 | |
| | | 48.5115 | | | | | 49.3460 | | | |

F.B. 2877 P.G. 62

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Notes by: E. E. Brooks
Weather: Clear - Windy
Time: 11:35 - 1:45
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 101-138 To: BM 101-139
Date: 11 July 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 4.548 | 48.5115 | .142 | 2.882 | | 4.829 | 49.3460 | .134 | 2.874 | |
| | 4.406 | | .142 | | | 4.695 | | .133 | | |
| | 4.264 | | .284 | | | 4.562 | | .267 | | |
| | 13.218 | 4.4060 | | 3.166 | | 14.086 | 4.6953 | | 3.141 | |
| 12 | 4.568 | | .141 | | | 4.881 | | .139 | | Summation of Run |
| | 4.427 | | .145 | | | 4.742 | | .139 | | From B.M. 101-138 |
| | 4.282 | | .286 | | | 4.603 | | .278 | | To B.M. 101-139 |
| | 13.277 | 4.4257 | | 3.452 | | 14.226 | 4.7420 | | 3.419 | |
| 13 | 4.522 | | .074 | | #19 | 6.483 | | .080 | | BM 101-139 (U.S. 2302 B 1962-33) |
| | 4.448 | | .076 | | | 6.403 | | .080 | | 86.5 ft N. of the 4th pole N. of mile pole |
| | 4.372 | | .150 | | | 6.323 | | .160 | | # 402; 84.9 ft. E. of ℄ of U.S. Hwy 6 |
| | 13.342 | 4.4473 | | 3.602 | 98° | 19.209 | 6.4030 | | 3.579 | See F.B. 2410-42 |
| | | 61.7905 | | | | | 65.1863 | | | |

Backsight stadia = 3.602
Foresight Stadia = 3.579
Total Stadia = 7.181
= .45 mi.

Total Backsights = + 61.7905
Total Foresights = − 65.1863
Diff. Elev. = − 3.3958

F.B. 2411 P.G. 63

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks — Weather: Clear — Inst. No. 15066
Notes by: E. E. Brooks — Time: 9:10 – 10:55 — Rod No. 19-20

L.A. Co. Precise Level Net
Name:
Job No. 0301.02
From: BM 101-139 To: BM 101-138
Date: 13 July 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6.642 | | .080 | | #19 | 4.681 | | .074 | | BM 101-139 (U.S. 2302 B 1902-3 |
| | 6.562 | | .080 | | | 4.607 | | .077 | | 86.5 ft. N. of the 4th P.P. Pole N. of mile |
| | 6.482 | | .160 | | | 4.530 | | .151 | | pole 402; 84.9 ft E. of ℄ U.S. |
| | 19.686 | 6.5620 | | .160 | 84° | 13.818 | 4.6060 | | .151 | Hwy 6 See F.B. 2410-42 |
| 2 | 4.964 | | .137 | | | 4.649 | | .143 | | |
| | 4.827 | | .140 | | | 4.506 | | .144 | | π Maldonado |
| | 4.687 | | .277 | | | 4.362 | | .287 | | |
| | 14.478 | 4.8260 | | .437 | | 13.517 | 4.5057 | | .438 | |
| 3 | 3.419 | | .136 | | | 3.139 | | .141 | | |
| | 3.283 | | .134 | | | 2.998 | | .145 | | |
| | 3.149 | | .270 | | | 2.853 | | .286 | | |
| | 9.851 | 3.2838 | | .707 | | 8.990 | 2.9967 | | .724 | |
| F.B. 2277 P.G. 44 4 | 5.010 | | .147 | | | 4.699 | | .143 | | |
| | 4.863 | | .144 | | | 4.556 | | .145 | | |
| | 4.719 | | .291 | | | 4.411 | | .288 | | |
| | 14.592 | 4.8640 | | .998 | | 13.666 | 4.5553 | | 1.012 | |
| 5 | 4.972 | | .131 | | | 4.700 | | .132 | | |
| | 4.847 | | .131 | | | 4.568 | | .136 | | |
| | 4.716 | | .262 | | | 4.432 | | .268 | | |
| | 14.541 | 4.8470 | | 1.260 | | 13.700 | 4.5667 | | 1.280 | |
| | | ~~24.3828~~ | | | | | 21.8304 | | | |

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks
Notes by: F. E. Brooks
Weather: Clear
Time: 9:10 – 10:55
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 101-138 To: BM 101-138
Date: 13 July 1962
Indexed: G. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 4.919 | 4.3828 | .132 | 1.260 | | 4.723 | 21.2304 | .125 | 1.280 | |
| | 4.787 | | .135 | | | 4.598 | | .128 | | |
| | 4.652 | | .267 | | | 4.470 | | .253 | | |
| | 14.358 | 4.7860 | | 1.527 | | 13.791 | 4.5970 | | 1.533 | |
| 7 | 4.908 | | .130 | | | 4.679 | | .132 | | |
| | 4.778 | | .129 | | | 4.547 | | .136 | | |
| | 4.649 | | .259 | | | 4.411 | | .268 | | |
| | 14.335 | 4.7783 | | 1.786 | | 13.637 | 4.5457 | | 1.801 | |
| 8 | 4.982 | | .151 | | | 5.953 | | .145 | | |
| | 4.831 | | .149 | | | 5.808 | | .149 | | |
| | 4.682 | | .300 | | | 5.659 | | .294 | | |
| | 14.495 | 4.8317 | | 2.086 | | 17.420 | 5.8067 | | 2.095 | |
| 9 | 6.428 | | .162 | | | 4.779 | | .156 | | |
| | 6.266 | | .164 | | | 4.623 | | .155 | | |
| | 6.102 | | .326 | | | 4.468 | | .301 | | |
| | 18.796 | 6.2653 | | 2.412 | | 13.870 | 4.6233 | | 2.396 | |
| 10 | 5.008 | | .147 | | | 4.733 | | .142 | | |
| | 4.861 | | .149 | | | 4.591 | | .141 | | |
| | 4.712 | | .296 | | | 4.450 | | .283 | | |
| | 14.581 | 4.8603 | | 2.708 | | 13.774 | 4.5913 | | 2.679 | |
| | | 49.9077 | | | | | 45.3944 | | | |

F.B. 1877 P.G. 65

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks — Weather: Clear — Inst. No. 15066
Notes by: F. E. Brooks — Time: 10:10 - 10:55 — Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From BM 101-139 To BM 101-138
Date: 13 July 1962
Indexed: E. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 5.028 | 4.9043 | .154 | 2.702 | | 4.782 | 4.3944 | .153 | 2.679 | |
| | 4.874 | | .152 | | | 4.549 | | .156 | | |
| | 4.722 | | .306 | | | 4.393 | | .309 | | |
| | 14.624 | 4.8747 | | 3.014 | | 13.644 | 4.5480 | | 2.988 | |
| 12 | 5.212 | | .144 | | | 4.884 | | .141 | | Summation of Run |
| | 5.068 | | .148 | | | 4.743 | | .140 | | From B.M. 101-139 |
| | 4.920 | | .292 | | | 4.603 | | .281 | | To B.M. 101-138 |
| | 15.200 | 5.0667 | | 3.306 | | 14.230 | 4.7433 | | 3.269 | |
| 13 | 5.241 | | .151 | | #19 | 6.998 | | .155 | | BM 101-138 (U.S.C. & G.S. '56) |
| | 5.090 | | .151 | | | 6.843 | | .152 | | 8 Tel. Poles S. of mile pole #402 |
| | 4.939 | | .302 | | | 6.691 | | .307 | | & 34.2 ft. E. of ℄ U.S. Hwy 6 |
| | 15.270 | 5.0900 | | 3.608 | 86° | 20.532 | 6.8440 | | 3.576 | See F.B. 2410-42 |
| | | | | | | | | | | Total-Backsights = + 64.9357 |
| | | | | | | | | | | Total Foresights = − 61.5297 |
| | | | | | | | | | | Diff. Elev. = + 3.406 |
| | | | | | | | | | | Backsight stadia = 3.608 |
| | | | | | | | | | | Foresight Stadia = 3.576 |
| | | | | | | | | | | Total Stadia = 7.184 |
| | | | | | | | | | | = .45 mi. |
| | | 64.9357 | | | | | 61.5297 | | | |

F.B. 2377 PG. 77

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear & Windy Inst. No. 15066
Notes by J. M. Maldonado Time 9:30 to 10:10 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 101-139 To BM 103-1
Date 12 July 1962
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6.920 | | 080 | | #19 | 4.960 | | 077 | | BM 101-139 86.5 ft. N. of ℄ |
| | 6.840 | | 080 | | | 4.883 | | 074 | | Tel. Pole, N. of Mi. Pole #402, & 88.9 |
| | 6.760 | | 160 | | | 4.809 | | 151 | | ft. E. of ℄ U.S. Hwy. 6. |
| | 20.520 | 6.8400 | | 160 | 78 | 14.652 | 4.8840 | | 1.51 | See F.B. 2410-42 |
| 2 | 5.050 | | 140 | | | 4.738 | | 146 | | |
| | 4.910 | | 139 | | | 4.592 | | 142 | | T. Brooks |
| | 4.771 | | 279 | 3 | | 4.450 | | 288 | | |
| | 14.731 | 4.9103 | | 4.39 | | 13.780 | 4.5933 | | 4.39 | |
| 3 | 3.240 | | 136 | | | 2.959 | | 144 | | |
| | 3.104 | | 133 | | | 2.815 | | 145 | | |
| | 2.971 | | 269 | 0 | | 2.670 | | 289 | | |
| | 9.315 | 3.1050 | | .728 | | 8.444 | 2.8147 | | .728 | |
| 4 | 3.240 | | 147 | | | 2.981 | | 146 | | |
| | 3.143 | | 143 | | | 2.835 | | 146 | | |
| | 3.000 | | 290 | 99 | | 2.689 | | 292 | | |
| | 9.433 | 3.1443 | | 1.028 | | 8.505 | 2.8350 | | 1.020 | |
| 5 | 3.240 | | 132 | | | 2.963 | | 133 | | |
| | 3.108 | | 131 | | | 2.830 | | 136 | | |
| | 2.977 | | 263 | 6 | | 2.694 | | 269 | | |
| | 9.325 | 3.1083 | | 1.281 | | 8.487 | 2.8290 | | 1.289 | |
| | | 21.1079 | | | | | 17.9560 | | | |

F.B. 2811 P.G. 67

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brown Weather Clear & Windy Inst. No. 150.66
Notes by J. M. Maldonado Time 9:30 to 10:15 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 101-139 To BM 103-1
Date 12 July 1962
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 1.885 | 21.1079 | 090 | 1.281 | | 3.250 | 17.9560 | 086 | 1.289 | |
| | 1.795 | | 087 | | | 3.164 | | 084 | | |
| | 1.708 | | 177 | 3 | | 3.080 | | 170 | | |
| | 5.388 | 1.7960 | | 1.458 | | 9.494 | 3.1647 | | 1.459 | |
| 7 | 1.906 | | 152 | | | 2.800 | | 156 | | |
| | 1.754 | | 152 | | | 2.644 | | 154 | | |
| | 1.602 | | 304 | 4 | | 2.490 | | 310 | | |
| | 5.262 | 1.7540 | | 1.782 | | 7.934 | 2.6447 | | 1.769 | |
| 8 | 2.785 | | 149 | | | 2.880 | | 148 | | |
| | 2.636 | | 149 | | | 2.732 | | 147 | | |
| | 2.487 | | 298 | 4 | | 2.585 | | 295 | | |
| | 7.908 | 2.6360 | | 2.060 | | 8.197 | 2.7323 | | 2.064 | |
| 9 | 3.280 | | 149 | | | 3.380 | | 148 | | |
| | 3.131 | | 148 | | | 3.232 | | 145 | | |
| | 2.985 | | 297 | 3 | | 3.087 | | 293 | | |
| | 9.394 | 3.1313 | | 2.357 | | 9.699 | 3.2330 | | 2.357 | |
| 10 | 3.368 | | 148 | | | 3.758 | | 139 | | |
| | 3.220 | | 150 | | | 3.607 | | 148 | | |
| | 3.070 | | 298 | 3 | | 3.459 | | 287 | 5 | |
| | 9.658 | 3.2193 | | 2.655 | | 10.822 | 3.6073 | | 2.664 | |
| | | 33.6445 | | | | | 33.9380 | | | |

F.B. 277 P.G. 68

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear & Windy Inst. No. 15066
Notes by J. M. Maldonado Time 9:30 to 10:15 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 10439 To BM 103-1
Date 12 July 1962
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 3.525 | 33.6445 | 148 | 2.6~~5~~3 | | 2.788 | 33.3380 | 146 | 2.6~~8~~4 | |
| | 3.377 | | 151 | | | 2.642 | | 143 | | |
| | 3.226 | | 299 | | | 2.499 | | 289 | | |
| | 10.128 | 3.3760 | | 2.9~~5~~3 | | 7.929 | 2.6430 | | 2.9~~5~~4 | |
| 12 | 2.965 | | 150 | | | 3.103 | | 148 | | |
| | 2.815 | | 149 | | | 2.955 | | 148 | | Summation of Run |
| | 2.666 | | 299 | | | 2.807 | | 296 | | From B.M. 101-139 |
| | 8.446 | 2.8153 | | 3.2~~5~~3 | | 8.865 | 2.9550 | | 3.2~~4~~3 | To B.M. 103-1 |
| 13 | 3.099 | | .127 | | | 4.701 | | .110 | | BM 103-1 |
| | 2.972 | | .124 | | | 4.591 | | .106 | | Ave. F & 0.2 mi. W. of Sierra |
| | 2.848 | | .251 | | | 4.485 | | .216 | | Hwy. |
| | 8.919 | 2.9730 | | 3.~~5~~48 | 80° | 13.777 | 4.5923 | | 3.4~~8~~5 | See F.B. 2415-7 |
| | | | | | | | | | | Total Backsights = + 42.8088 |
| | | | | | | | | | | Total Foresights = − 43.5283 |
| | | | | | | | | | | Diff. Elev. = + 0.7195 |
| | | | | | | | | | | Backsight stadia = 3.~~5~~48 |
| | | | | | | | | | | Foresight Stadia = 3.4~~6~~5 |
| | | | | | | | | | | Total Stadia = 6.9~~8~~9 |
| | | 42.8088 | | | | | 43.5283 | | | 0.44 mi. |

F.B. 2877 P.G. 69

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Notes by: F. E. Brooks
Weather: Clear -
Time: 9:30 - 10:05
Inst. No.: 10566
Rod No.: 19 & 20

Name: L.A. Co. Precise Level Net
Job No.: 03.01.02
From: BM 103-1 To: BM 101-139
Date: 13 July 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6.550 | | .107 | | #19 | 4.932 | | .103 | | BM 103-1 |
| | 6.443 | | .104 | | | 4.829 | | .106 | | Ave F & 0.2 mi. W. of |
| | 6.339 | | .211 | | | 4.723 | | .209 | | Sierra Hwy. |
| | 19.332 | 6.4440 | | .211 | 82° | 14.484 | 4.8280 | | .209 | See F.B. 2415-7 |
| 2 | 4.899 | | .146 | | | 4.758 | | .145 | | |
| | 4.753 | | .142 | | | 4.613 | | .141 | | T. Maldonado |
| | 4.611 | | .288 | | | 4.472 | | .286 | | |
| | 14.263 | 4.7543 | | .499 | | 13.843 | 4.6143 | | .495 | |
| 3 | 4.687 | | .144 | | | 5.419 | | .141 | | |
| | 4.543 | | .143 | | | 5.278 | | .145 | | |
| | 4.400 | | .287 | | | 5.133 | | .286 | | |
| | 13.630 | 4.6433 | | .786 | | 15.830 | 5.2767 | | .781 | |
| 4 | 5.190 | | .142 | | | 4.801 | | .143 | | |
| | 5.048 | | .143 | | | 4.658 | | .143 | | |
| | 4.905 | | .285 | | | 4.515 | | .286 | | |
| | 15.143 | 5.0477 | | 1.071 | | 13.974 | 4.6580 | | 1.067 | |
| 5 | 4.749 | | .145 | | | 4.648 | | .146 | | |
| | 4.604 | | .145 | | | 4.502 | | .142 | | |
| | 4.459 | | .290 | | | 4.360 | | .288 | | |
| | 13.812 | 4.6040 | | 1.361 | | 13.510 | 4.5033 | | 1.355 | |
| | | 25.3933 | | | | | 23.8803 | | | |

F.B. 2417 P.G. 70

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Notes by: F. E. Brooks
Weather: Clear
Time: 9:30- 10:05
Inst. No. 15066
Rod No. 19 & 20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM103-1 To: BM101-139
Date: 13 Jul 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 4.701 | 25.3993 | .142 | 1.361 | | 4.608 | 23.8803 | .147 | 1.355 | |
| | 4.559 | | .142 | | | 4.461 | | .144 | | |
| | 4.417 | | .284 | | | 4.317 | | .291 | | |
| | 13.677 | 4.5590 | | 1.645 | | 13.386 | 4.4620 | | 1.646 | |
| 7 | 5.408 | | .147 | | | 4.518 | | .148 | | |
| | 5.261 | | .144 | | | 4.370 | | .148 | | |
| | 5.117 | | .291 | | | 4.222 | | .296 | | |
| | 15.786 | 5.2620 | | 1.936 | | 13.110 | 4.3700 | | 1.942 | |
| 8 | 3.351 | | .088 | | | 1.980 | | .087 | | |
| | 3.263 | | .089 | | | 1.893 | | .084 | | |
| | 3.174 | | .177 | | | 1.809 | | .171 | | |
| | 9.788 | 3.2627 | | 2.113 | | 5.682 | 1.8940 | | 2.113 | |
| 9 | 4.721 | | .131 | | | 5.002 | | .133 | | |
| | 4.590 | | .130 | | | 4.869 | | .133 | | |
| | 4.460 | | .261 | | | 4.736 | | .266 | | |
| | 13.771 | 4.5903 | | 2.374 | | 14.607 | 4.8690 | | 2.379 | |
| 10 | 4.673 | | .143 | | | 4.982 | | .143 | | |
| | 4.530 | | .147 | | | 4.839 | | .146 | | |
| | 4.383 | | .290 | | | 4.693 | | .289 | | |
| | 13.586 | 4.5287 | | 2.664 | | 14.514 | 4.8380 | | 2.668 | |
| | | 47.5960 | | | | | 44.3133 | | | |

F.B. 1970 P.G. 71

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Notes by: F. E. Brooks
Weather: Clear
Time: 9:30 – 10:05
Inst. No.: 15066
Rod No.: 19820

Name: L.A. Co. Precise Level Net
Job No.: 03.01.02
From: BM 103-1 To: BM 101-139
Date: 13 July 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 4.722 | 4.5960 | .142 | 2.664 | | 5.007 | 4.8133 | .137 | 2.668 | |
| | 4.580 | | .140 | | | 4.870 | | .133 | | |
| | 4.440 | | .282 | | | 4.737 | | .270 | | |
| | 13.742 | 4.5807 | | 2.946 | | 14.614 | 4.8713 | | 2.938 | |
| 12 | 4.717 | | .146 | | | 5.026 | | .139 | | Summation of Run From B.M. 103-1 To B.M. 101-139 |
| | 4.571 | | .142 | | | 4.887 | | .137 | | |
| | 4.429 | | .288 | | | 4.750 | | .276 | | |
| | 13.717 | 4.5723 | | 3.234 | | 14.663 | 4.8877 | | 3.214 | |
| 13 | 4.772 | | .073 | | #19 | 6.737 | | .080 | | BM 101-139 86.5 ft. N. of 4th Tel. Pole No. of Mi. Pole #402 484.4 ft. E. of ℄ of U.S. Hwy. 6. See F.B. 2410-42 |
| | 4.699 | | .074 | | | 6.657 | | .080 | | |
| | 4.625 | | .147 | | | 6.577 | | .160 | | |
| | 14.096 | 4.6987 | | 3.381 | 84° | 19.971 | 6.6570 | | 3.374 | |

F.B. 2277 P.G. 72

Total Backsights = + 614477
Total Foresights = − 607293
Diff. Elev. = + 07184

Backsight Stadia = 3.381
Foresight Stadia = 3.374
Total Stadia = 6.755
= .43 mi.

614477 607293

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 11:00 - 11:30 Rod No. 19120

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 103-1 To BM 103-2
Date 13 July 1962
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6.962 | | .050 | | #19 | 5.302 | | .049 | | BM 103-1 |
| | 6.912 | | .049 | | | 5.253 | | .050 | | Ave. F & 0.2 mi. W. of Sierra |
| | 6.863 | | .099 | | | 5.203 | | .099 | | Hwy. |
| | 20.737 | 6.9123 | | .099 | 88° | 15.758 | 5.2527 | | .099 | See F.B. 2415-7 |
| 2 | 4.407 | | .143 | | | 3.937 | | .151 | | |
| | 4.264 | | .143 | | | 3.786 | | .148 | | π Cook |
| | 4.121 | | .286 | | | 3.638 | | .299 | | |
| | 12.792 | 4.2640 | | .385 | | 11.361 | 3.7870 | | .398 | |
| 3 | 4.028 | | .146 | | | 3.631 | | .150 | | |
| | 3.882 | | .142 | | | 3.481 | | .152 | | |
| | 3.740 | | .288 | | | 3.329 | | .302 | | |
| | 11.650 | 3.8833 | | .673 | | 10.441 | 3.4803 | | .700 | |
| 4 | 4.793 | | .143 | | | 5.097 | | .148 | | |
| | 4.650 | | .145 | | | 4.949 | | .147 | | |
| | 4.505 | | .288 | | | 4.802 | | .295 | | |
| | 13.948 | 4.6493 | | .961 | | 14.848 | 4.9493 | | .995 | |
| 5 | 3.567 | | .146 | | | 3.531 | | .151 | | |
| | 3.421 | | .144 | | | 3.380 | | .152 | | |
| | 3.277 | | .290 | | | 3.228 | | .303 | | |
| | 10.265 | 3.4217 | | 1.251 | | 10.139 | 3.3797 | | 1.298 | |
| | | 23.1306 | | | | | 20.8490 | | | |

F.B. 2877 P.G. 73

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks  Weather: Clear  Inst. No.: 15066
Notes by: F. E. Brooks  Time: 11:00 - 11:30  Rod No.: 19-20

Name: L.A. Co. Proposed Level Net
Job No.: 0301.02
From: BM 103-1 To: BM 103-2
Date: 13 July 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 3.718 | 23.1306 | .150 | 1.251 | | 3.780 | 20.8490 | .159 | 1.298 | |
| | 3.568 | | .148 | | | 3.621 | | .156 | | |
| | 3.420 | | .298 | | | 3.465 | | .315 | | |
| | 10.706 | 3.5687 | | 1.549 | | 10.866 | 3.6220 | | 1.613 | |
| 7 | 3.917 | | .157 | | | 3.802 | | .134 | | |
| | 3.760 | | .159 | | | 3.668 | | .138 | | |
| | 3.601 | | .316 | | | 3.530 | | .272 | | |
| | 11.278 | 3.7593 | | 1.865 | | 11.000 | 3.6667 | | 1.885 | |
| 8 | 3.930 | | .147 | | | 3.669 | | .146 | | |
| | 3.783 | | .144 | | | 3.523 | | .145 | | |
| | 3.639 | | .291 | | | 3.378 | | .291 | | |
| | 11.352 | 3.7840 | | 2.156 | | 10.570 | 3.5233 | | 2.176 | |
| 9 | 3.703 | | .144 | | | 3.611 | | .150 | | |
| | 3.559 | | .148 | | | 3.461 | | .151 | | |
| | 3.411 | | .292 | | | 3.310 | | .301 | | |
| | 10.673 | 3.5579 | | 2.448 | | 10.382 | 3.4607 | | 2.477 | |
| 10 | 3.441 | | .145 | | | 3.460 | | .148 | | |
| | 3.296 | | .145 | | | 3.312 | | .147 | | |
| | 3.151 | | .290 | | | 3.165 | | .295 | | |
| | 9.888 | 3.2960 | | 2.738 | | 9.937 | 3.3123 | | 2.772 | |
| | | 41.0963 | | | | | 38.4340 | | | |

F.B. 2817 P.G. 74

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 11:00 - 11:30 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 103-1 To BM 103-2
Date 13 July 1962
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 3.612 | 41.0963 | .142 | 2.738 | | 3.701 | 38.4340 | .150 | 2.772 | |
| | 3.470 | | .142 | | | 3.551 | | .150 | | |
| | 3.328 | | .284 | | | 3.401 | | .300 | | |
| | 10.410 | 3.4700 | | 3.022 | | 10.653 | 3.5510 | | 3.072 | |
| 12 | 3.810 | | .161 | ? | | 3.482 | | .140 | | Summation of Run |
| | 3.659 | | .158 | | | 3.342 | | .136 | | From B.M. 103-1 |
| | 3.501 | | .309 | | | 3.206 | | .276 | | To B.M. 103-2 |
| | 10.970 | 3.6567 | | 3.341 | | 10.030 | 3.3433 | | 3.348 | |
| 13 | 3.899 | | .141 | | | 3.635 | | .145 | | Total Backsights = + 605960 |
| | 3.758 | | .141 | | | 3.490 | | .148 | | Total Foresights = − 566740 |
| | 3.617 | | .282 | | | 3.342 | | .293 | | Diff. Elev. = + 39220 |
| | 11.274 | 3.7580 | | 3.623 | | 10.467 | 3.4890 | | 3.641 | |
| 14 | 3.721 | | .144 | | | 3.529 | | .150 | | Backsight stadia = 4.128 |
| | 3.577 | | .146 | | | 3.379 | | .150 | | Foresight Stadia = 4.148 |
| | 3.431 | | .290 | | | 3.229 | | .300 | | Total Stadia = 8.276 |
| | 10.729 | 3.5763 | | 3.903 | | 10.137 | 3.3790 | | 3.941 | = .52 mi |
| 15 | 5.151 | | .112 | | #19 | 4.581 | | .103 | | BM 103-2, (AVA 14) |
| | 5.039 | | .113 | | | 4.478 | | .104 | | No. of Lancaster on Ave |
| | 4.926 | | .225 | | | 4.374 | | .207 | | "F" 0.7 Mi W. of Sierra Hwy |
| | 15.116 | 5.0387 | | 4.128 | 88° | 13.433 | 4.4777 | | 4.148 | FB 2415-8 |
| | | 605960 | | | | | 566740 | | | |

F.B. 2877 P.G. 76

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks
Notes by: F. E. Brooks
Weather: Clear
Time: 11:30 - 12:05
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 103-2 To: BM 103-1
Date: 16 July 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.823 | | .101 | | #19 | 4.397 | | .115 | | BM 103-2, Riv. 14 |
| | 3.722 | | .102 | | | 4.282 | | .112 | | N. of Lancaster on Ave "F" |
| | 3.620 | | .203 | | | 4.170 | | .227 | | 0.7 Mi West Sierra Hwy |
| | 11.165 | 3.7217 | | 203 | 92 | 12.849 | 4.2830 | | 227 | See F.B. 2415-8 |
| 2 | 4.003 | | .149 | | | 4.198 | | .145 | | |
| | 3.854 | | .146 | | | 4.053 | | .143 | | T Maldonado |
| | 3.708 | | .295 | | | 3.910 | | .288 | | |
| | 11.565 | 3.8550 | | .498 | | 12.161 | 4.0537 | | .515 | |
| 3 | 4.207 | | .140 | | | 4.480 | | .148 | | |
| | 4.067 | | .140 | | | 4.332 | | .145 | | |
| | 3.927 | | .280 | | | 4.187 | | .293 | | |
| | 12.201 | 4.0670 | | .778 | | 12.999 | 4.3330 | | .806 | |
| F.B. 2877 P.G. 76 4 | 4.027 | | .148 | | | 4.333 | | .141 | | |
| | 3.879 | | .148 | | | 4.192 | | .142 | | |
| | 3.731 | | .296 | | | 4.050 | | .283 | | |
| | 11.637 | 3.8790 | | 1.074 | | 12.575 | 4.1917 | | 1.091 | |
| 5 | 4.290 | | .150 | | | 4.202 | | .143 | | |
| | 4.140 | | .150 | | | 4.059 | | .140 | | |
| | 3.990 | | .300 | | | 3.919 | | .283 | | |
| | 12.420 | 4.1400 | | 1.374 | | 12.180 | 4.0600 | | 1.374 | |
| | | 19.6627 | | | | | 20.9214 | | | |

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Notes by: E. E. Brooks
Weather: Clear
Time: 11:30 - 12:05
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level No. 1
Job No.: 0301.02
From: BM 103-2 To: BM 103-1
Date: 16 July 1962
Indexed: S. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 4.603 | 19.6627 | .144 | 1.374 | | 4.587 | 20.9214 | .145 | 1.374 | |
| | 4.459 | | .146 | | | 4.442 | | .142 | | |
| | 4.313 | | .290 | | | 4.300 | | .287 | | |
| | 13.375 | 4.4583 | | 1.664 | | 13.329 | 4.4430 | | 1.661 | |
| 7 | 4.737 | | .150 | | | 4.828 | | .146 | | |
| | 4.588 | | .149 | | | 4.682 | | .144 | | |
| | 4.438 | | .299 | | | 4.538 | | .290 | | |
| | 13.762 | 4.5873 | | 1.963 | | 14.048 | 4.6827 | | 1.951 | |
| 8 | 4.743 | | .145 | | | 5.001 | | .143 | | |
| | 4.598 | | .146 | | | 4.858 | | .145 | | |
| | 4.452 | | .291 | | | 4.713 | | .288 | | |
| | 13.793 | 4.5977 | | 2.254 | | 14.572 | 4.8573 | | 2.239 | |
| 9 | 4.714 | | .147 | | | 4.806 | | .145 | | |
| | 4.567 | | .148 | | | 4.661 | | .142 | | |
| | 4.419 | | .295 | | | 4.519 | | .287 | | |
| | 13.700 | 4.5667 | | 2.549 | | 13.986 | 4.6620 | | 2.526 | |
| 10 | 4.923 | | .153 | | | 4.861 | | .147 | | |
| | 4.770 | | .152 | | | 4.714 | | .144 | | |
| | 4.618 | | .305 | | | 4.570 | | .291 | | |
| | 14.311 | 4.7703 | | 2.854 | | 14.145 | 4.7150 | | 2.817 | |
| | | 42.6430 | | | | | 44.2814 | | | |

F.B. 1577 P.G. 77

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks
Notes by E. E. Brooks
Weather Clear
Time 11:30 - 12:05
Inst. No. 15066
Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 103-2 To BM 103-1
Date 16 July 1962
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 4.702 | 42.6430 | .151 | 2.854 | | 4.737 | 44.2814 | .145 | 2.817 | |
| | 4.551 | | .151 | | | 4.592 | | .142 | | |
| | 4.400 | | .302 | | | 4.450 | | .287 | | |
| | 13.653 | 4.5510 | | 3.156 | | 13.779 | 4.5930 | | 3.104 | |
| 12 | 5.451 | | .132 | | | 5.172 | | .155 | | Summation of Run |
| | 5.319 | | .129 | | | 5.017 | | .158 | | From B.M. 103-2 |
| | 5.190 | | .261 | | | 4.859 | | .313 | | To B.M. 103-1 |
| | 15.960 | 5.3200 | | 3.417 | | 15.048 | 5.0160 | | 3.417 | |
| 13 | 5.191 | | .148 | | | 5.588 | | .141 | | Total Backsights = + 66.8116 |
| | 5.043 | | .150 | | | 5.447 | | .145 | | Total Foresights = − 70.7264 |
| | 4.893 | | .298 | | | 5.302 | | .286 | | Diff. Elev. = − 3.9148 |
| | 15.127 | 5.0423 | | 3.715 | | 16.337 | 5.4457 | | 3.703 | |
| 14 | 4.657 | | .147 | | | 5.130 | | .142 | | Backsight stadia = 4.111 |
| | 4.510 | | .149 | | | 4.988 | | .141 | | Foresight Stadia = 4.094 |
| | 4.361 | | .296 | | | 4.847 | | .283 | | Total Stadia = 8.205 |
| | 13.528 | 4.5093 | | 4.011 | | 14.965 | 4.9883 | | 3.986 | .02 mi. |
| 15 | 4.796 | | .050 | | #19 | 6.456 | | .054 | | BM 103-1, No. of Lancaster on Arc "F" 0.2 mi West Sierra Hwy. FB 2415-7 |
| | 4.746 | | .050 | | | 6.402 | | .054 | | |
| | 4.696 | | .100 | | | 6.348 | | .108 | | |
| | 14.238 | 4.7460 | | 4.111 | 92° | 19.206 | 6.4020 | | 4.094 | |
| | | 66.8116 | | | | | 70.7264 | | | |

F.B. 2817 PG. 78

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks  Weather: Clear  Inst. No. 15066
Notes by: E. E. Brooks  Time: 11:30 – 1:20  Rod No. 19 & 20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 103-2 To: BM 103-3
Date: 13 July 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.793 | | .093 | | #19 | 4.431 | | .100 | | BM 103-2 |
| | 4.700 | | .091 | | | 4.331 | | .102 | | Ave. F & 0.7 mi. west of |
| | 4.609 | | .184 | | | 4.229 | | .202 | | Sierra Hwy |
| | 14.102 | 4.7007 | | 184 | 88° | 12.991 | 4.3303 | | .202 | See F.B. 2415-8 |
| 2 | 5.502 | | .144 | | | 5.150 | | .143 | | T. Cook |
| | 5.358 | | .148 | | | 5.007 | | .147 | | |
| | 5.210 | | .292 | | | 4.860 | | .290 | | |
| | 16.070 | 5.3567 | | .476 | | 15.017 | 5.0057 | | .492 | |
| 3 | 5.208 | | .147 | | | 4.968 | | .147 | | |
| | 5.061 | | .143 | | | 4.821 | | .143 | | |
| | 4.918 | | .290 | | | 4.678 | | .290 | | |
| | 15.187 | 5.0623 | | .766 | | 14.467 | 4.8223 | | .9~~7~~8 2 | |
| 4 | 4.979 | | .148 | | | 4.807 | | .146 | | |
| | 4.831 | | .146 | | | 4.661 | | .146 | | |
| | 4.685 | | .294 | | | 4.515 | | .292 | | |
| | 14.495 | 4.8317 | | 1.060 | | 13.983 | 4.6610 | | 1.0~~8~~7 4 | |
| 5 | 5.292 | | .145 | | | 5.108 | | .143 | | |
| | 5.147 | | .148 | | | 4.958 | | .146 | | |
| | 4.999 | | .293 | | | 4.812 | | .289 | | |
| | 15.438 | 5.1460 | | 1.353 | | 14.871 | 4.9570 | | 1.3~~6~~3 | |
| | | 25.0974 | | | | | 23.9763 | | | |

F.B. 2811 P.G. 79

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks — Weather: Clear — Inst. No. 15066
Notes by: F. E. Brooks — Time: 11:30 - 1:20 — Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 103-2 To: BM 103-3
Date: 13 July 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 5.051 | 25.0974 | .133 | 1.353 | | 4.952 | 23.7763 | .153 | 1.7X3 | |
| | 4.918 | | .137 | | | 4.799 | | .157 | | |
| | 4.781 | | .270 | | | 4.642 | | .310 | | |
| | 14.750 | 4.9167 | | 1.623 | | 14.393 | 4.7977 | | 1.6X3 | |
| 7 | 4.978 | | .148 | | | 4.849 | | .148 | | |
| | 4.830 | | .148 | | | 4.701 | | .147 | | |
| | 4.682 | | .296 | | | 4.554 | | .295 | | |
| | 14.490 | 4.8300 | | 1.919 | | 14.104 | 4.7013 | | 1.9X8 | |
| 8 | 5.158 | | .147 | | | 4.869 | | .148 | | |
| | 5.011 | | .144 | | | 4.721 | | .149 | | |
| | 4.867 | | .291 | | | 4.572 | | .297 | | |
| | 15.036 | 5.0120 | | 2.210 | | 14.162 | 4.7207 | | 2.2X5 | |
| 9 | 5.410 | | .146 | | #19 | 4.933 | | .143 | | 1 hr. for lunch |
| | 5.264 | | .144 | | | 4.790 | | .143 | | |
| | 5.120 | | .290 | | | 4.647 | | .286 | | |
| | 15.794 | 5.2647 | | 2.500 | 88° | 14.370 | 4.7900 | | 2.5X1 | |
| 10 | 5.288 | | .148 | | | 5.020 | | .144 | | |
| | 5.140 | | .144 | | #19 | 4.876 | | .145 | | |
| | 4.996 | | .292 | | | 4.731 | | .289 | | |
| | 15.424 | 5.1413 | | 2.792 | 92° | 14.127 | 4.8757 | | 2.7X0 | |
| | | 50.2121 | | | | | 47.6617 | | | |

F.B. 2877 P.G. 80

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather clear Inst. No. 15066
Notes by F. E. Brooks Time 11:30 - 1:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 103-2 To BM 103-3
Date 13 July 1962
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 5.231 | 50.2621 | .143 | 2.792 | | 4.709 | 47.6617 | .146 | 2.~~790~~ 84 | Summation of Run |
| | 5.088 | | .147 | | | 4.563 | | .143 | | From B.M. 103-2 |
| | 4.941 | | .290 | | | 4.420 | | .289 | | To B.M. 103-3 |
| | 15.260 | 5.0867 | | 3.882 | | 13.692 | 4.5640 | | 3.~~879~~ 12 | |
| 12 | 4.882 | | .144 | | | 4.851 | | .143 | | Total Backsights = + 70.5535 |
| | 4.738 | | .148 | | | 4.708 | | .146 | | Total Foresights = − 66.5754 |
| | 4.590 | | .292 | | | 4.562 | | .289 | | Diff. Elev. = + 3.9781 |
| | 14.210 | 4.7367 | | 3.374 | | 14.121 | 4.7070 | | 3.~~368~~ 41 | |
| 13 | 5.346 | | .143 | | | 5.124 | | .144 | | Backsight stadia = 3.962 |
| | 5.203 | | .143 | | | 4.980 | | .141 | | Foresight Stadia = ~~3.951~~ 4.001 |
| | 5.060 | | .286 | | | 4.839 | | .285 | | Total Stadia = 7.9~~1~~63 |
| | 15.609 | 5.2030 | | 3.660 | | 14.943 | 4.9810 | | 3.~~653~~ 70 | .50 mi |
| 14 | 5.416 | | .151 | | #19 | 4.811 | | .150 | | BM 103-3, N.W. of |
| | 5.265 | | .151 | | | 4.661 | | .148 | | Lancaster at Ave. F. & 20th St. |
| | 5.114 | | .302 | | | 4.513 | | .298 | | 42° S. of ℄, 23.6° SE at Tel. |
| | 15.795 | 5.2650 | | 3.962 | 92° | 13.985 | 4.6617 | | ~~3.951~~ 4.001 | Pole #3801Y, A.Co. Surveyors |
| | | | | | | | | | | Precast BM Mon. Set above |
| | | | | | | | | | | The Surface & inscribed B.M. |
| | | | | | | | | | | AVA 13. R.E. 63, FB 2415-9 |
| | | 70.5535 | | | | | 66.5754 | | | |

F.B. 2897 P.G. 81

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks
Notes by: F. E. Brooks
Weather: Clear
Time: 11:05 – 11:30
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 103-3 To: BM 103-2
Date: 18 July 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.924 | | .145 | | #19 | 4.532 | | .151 | | BM 103-3 (A v A 13) |
| | 3.779 | | .147 | | | 4.381 | | .151 | | NW of Lancaster @ Ave "F" |
| | 3.632 | | .292 | | | 4.230 | | .302 | | & 20 st. W. FB 2415-9 |
| | 11.335 | 3.7783 | | .292 | 94° | 13.143 | 4.3810 | | .302 | F.B. 2415-9 |
| 2 | 4.539 | | .147 | | | 4.758 | | .145 | | |
| | 4.392 | | .143 | | | 4.613 | | .142 | | T Cook |
| | 4.249 | | .290 | | | 4.471 | | .287 | | |
| | 13.180 | 4.3933 | | .582 | | 13.842 | 4.6140 | | .589 | |
| 3 | 4.849 | | .147 | | | 4.879 | | .147 | | |
| | 4.702 | | .143 | | | 4.732 | | .143 | | |
| | 4.559 | | .290 | | | 4.589 | | .290 | | |
| | 14.110 | 4.7033 | | .872 | | 14.200 | 4.7333 | | .879 | |
| F.B. 2877 P.G. 82 4 | 4.731 | | .143 | | | 5.253 | | .145 | | |
| | 4.588 | | .147 | | | 5.108 | | .145 | | |
| | 4.441 | | .290 | | | 4.963 | | .290 | | |
| | 13.760 | 4.5867 | | 1.162 | | 15.324 | 5.1080 | | 1.169 | |
| 5 | 4.828 | | .147 | | | 5.092 | | .143 | | |
| | 4.681 | | .146 | | | 4.949 | | .147 | | |
| | 4.535 | | .293 | | | 4.802 | | .290 | | |
| | 14.044 | 4.6813 | | 1.455 | | 14.843 | 4.9477 | | 1.459 | |
| | | 22.1429 | | | | | 23.7840 | | | |

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks — Weather: Clear — Inst. No.: 15066
Notes by: F. E. Brooks — Time: 11:05 - 11:30 — Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 103-3 To: BM 103-2
Date: 16 Jul 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 4.642 | 22.1429 | .144 | 1.455 | | 5.118 | 23.7840 | .146 | 1.459 | |
| | 4.498 | | .147 | | | 4.972 | | .144 | | |
| | 4.351 | | .291 | | | 4.828 | | .290 | | |
| | 13.491 | 4.4970 | | 1.746 | | 14.918 | 4.9727 | | 1.749 | |
| 7 | 4.921 | | .147 | | | 5.210 | | .145 | | |
| | 4.774 | | .146 | | | 5.065 | | .145 | | |
| | 4.628 | | .293 | | | 4.920 | | .290 | | |
| | 14.323 | 4.7743 | | 2.039 | | 15.195 | 5.0650 | | 2.039 | |
| 8 | 4.791 | | .148 | | | 4.918 | | .147 | | |
| | 4.643 | | .146 | | | 4.771 | | .145 | | |
| | 4.497 | | .294 | | | 4.626 | | .292 | | |
| | 13.931 | 4.6437 | | 2.333 | | 14.315 | 4.7717 | | 2.331 | |
| 9 | 4.930 | | .146 | | | 5.046 | | .146 | | |
| | 4.784 | | .145 | | | 4.900 | | .144 | | |
| | 4.639 | | .291 | | | 4.756 | | .290 | | |
| | 14.353 | 4.7843 | | 2.624 | | 14.702 | 4.9007 | | 2.621 | |
| 10 | 4.896 | | .145 | | | 5.082 | | .144 | | |
| | 4.751 | | .145 | | | 4.938 | | .148 | | |
| | 4.606 | | .290 | | | 4.790 | | .292 | | |
| | 14.253 | 4.7510 | | 2.914 | | 14.810 | 4.9367 | | 2.913 | |
| | | 45.5932 | | | | | 48.4308 | | | |

F.B. 6670 P.G. 83

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks
Notes by: F. E. Brooks
Weather: Clear
Time: 11:05 – 11:30
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 103-3 To: BM 103-2
Date: 16 July 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 4.790 | 45.5932 | .147 | 2.914 | | 4.458 | 48.4308 | .146 | 2.913 | |
| | 4.643 | | .147 | | | 4.812 | | .144 | | Summation of Run |
| | 4.496 | | .294 | | | 4.668 | | .290 | | From B.M. 103-3 |
| | 13.929 | 4.6430 | | 3.208 | | 14.438 | 4.8127 | | 3.203 | To B.M. 103-2 |
| 12 | 4.522 | | .149 | | | 4.756 | | .145 | | Total Backsights = + 63.2005 |
| | 4.373 | | .146 | | | 4.611 | | .143 | | Total Foresights = − 67.1675 |
| | 4.227 | | .295 | | | 4.468 | | .288 | | Diff. Elev. = − 3.9670 |
| | 13.122 | 4.3740 | | 3.503 | | 13.835 | 4.6117 | | 3.491 | |
| 13 | 4.738 | | .148 | | | 5.090 | | .149 | | Backsight stadia = 3.998 |
| | 4.590 | | .147 | | | 4.941 | | .145 | | Foresight Stadia = 3.969 |
| | 4.443 | | .295 | | | 4.796 | | .294 | | Total Stadia = 7.967 |
| | 13.771 | 4.5903 | | 3.798 | | 14.827 | 4.9423 | | 3.785 | = .50 mi |
| 14 | 4.100 | | .100 | | #19 | 4.462 | | .092 | | BM 103-2 N. of Lancaster |
| | 4.000 | | .100 | | | 4.370 | | .092 | | on Ave "F" 0.7 Mi. W. of Sierra |
| | 3.900 | | .200 | | | 4.278 | | .184 | | Hwy. 40' S. of & 11.1 ft SW of |
| | 12.000 | 4.0000 | | 3.998 | 92° | 13.110 | 4.3700 | | 3.919 | Tel. Pole #K27684 a Co. |
| | | | | | | | | | | Surveyors Precast BM Set |
| | | | | | | | | | | 2 Inches Above The Surface |
| | | | | | | | | | | Inscribed BM AXA 14 RE63 |
| | | | | | | | | | | FB 2415-8 |
| | | 63.2005 | | | | | 67.1675 | | | |

F.B. 2277 P.G. 84

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Notes by: E. E. Brooks
Weather: Clear
Time: 1:25 – 2:05
Inst. No. 15066
Rod No. 19820

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 103-3 To: BM 103-4
Date: 13 July 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.534 | | .056 | | #19 | 4.675 | | .065 | | BM 103-3 (AVA 13) NW of Lancaster at Ave "F" & 26th St W |
| | 4.478 | | .054 | | | 4.610 | | .063 | | |
| | 4.424 | | .110 | | | 4.547 | | .128 | | See F.B. 2415-9 |
| | 13.436 | 4.4787 | | .110 | 92° | 13.832 | 4.6107 | | .128 | |
| 2 | 4.785 | | .145 | | | 4.327 | | .149 | | π Esquer |
| | 4.640 | | .145 | | | 4.178 | | .149 | | |
| | 4.495 | | .290 | | | 4.029 | | .298 | | |
| | 13.920 | 4.6400 | | .400 | | 12.534 | 4.1780 | | .426 | |
| 3 | 4.828 | | .144 | | | 4.709 | | .150 | | |
| | 4.684 | | .145 | | | 4.559 | | .154 | | |
| | 4.539 | | .289 | | | 4.405 | | .304 | | |
| | 14.051 | 4.6837 | | .689 | | 13.673 | 4.5577 | | .730 | |
| 4 | 5.093 | | .149 | | | 4.603 | | .153 | | |
| | 4.944 | | .151 | | | 4.450 | | .149 | | |
| | 4.793 | | .300 | | | 4.301 | | .302 | | |
| | 14.830 | 4.9433 | | .989 | | 13.354 | 4.4513 | | 1.032 | |
| 5 | 4.815 | | .160 | | | 4.545 | | .142 | | |
| | 4.655 | | .160 | | | 4.403 | | .141 | | |
| | 4.495 | | .320 | | | 4.262 | | .283 | | |
| | 13.965 | 4.6550 | | 1.309 | | 13.210 | 4.4033 | | 1.315 | |
| | | 23.4007 | | | | | 22.2010 | | | |

F.B. 2807 P.G. 95

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks  Weather: Clear  Inst. No. 15066
Notes by: E. E. Brooks  Time: 1:25 - 2:05  Rod No. 19820

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From BM 103-3 To BM 103-4
Date: 13 JUN 1962
Indexed: C. J. GALLY

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 4.928 | 23.4007 | .144 | 1.309 | | 4.608 | 22.2010 | .150 | 1.315 | |
| | 4.784 | | .144 | | | 4.458 | | .150 | | |
| | 4.640 | | .288 | | | 4.308 | | .300 | | |
| | 14.352 | 4.7840 | | 1.597 | | 13.374 | 4.4580 | | 1.615 | |
| 7 | 5.118 | | .153 | | | 4.665 | | .152 | | |
| | 4.965 | | .151 | | | 4.513 | | .150 | | |
| | 4.814 | | .304 | | | 4.363 | | .302 | | |
| | 14.897 | 4.9657 | | 1.901 | | 13.541 | 4.5137 | | 1.917 | |
| 8 | 5.007 | | .152 | | | 4.774 | | .159 | | |
| | 4.855 | | .150 | | | 4.615 | | .160 | | |
| | 4.705 | | .302 | | | 4.455 | | .319 | | |
| | 14.567 | 4.8557 | | 2.203 | | 13.844 | 4.6147 | | 2.236 | |
| 9 | 5.155 | | .150 | | | 5.138 | | .154 | | |
| | 5.005 | | .150 | | | 4.984 | | .154 | | |
| | 4.855 | | .300 | | | 4.830 | | .308 | | |
| | 15.015 | 5.0050 | | 2.503 | | 14.952 | 4.9840 | | 2.544 | |
| 10 | 5.175 | | .152 | | | 4.915 | | .155 | | |
| | 5.023 | | .153 | | | 4.760 | | .155 | | |
| | 4.870 | | .305 | | | 4.605 | | .310 | | |
| | 15.068 | 5.0227 | | 2.808 | | 14.280 | 4.7600 | | 2.854 | |
| | | 48.0738 | | | | | 45.6314 | | | |

F.B. 2877 PG. 86

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks  Weather: Clear  Inst. No.: 15066
Notes by: E. E. Brooks  Time: 1:25 – 2:05  Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0308.02
From: BM 103-3  To: BM 103-4
Date: 13 Jul 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 6.403 | 48.0338 | .163 | 2.808 | | 4.906 | 45.5317 | .141 | 2.854 | |
| | 5.240 | | .165 | | | 4.765 | | .140 | | |
| | 6.075 | | .328 | | | 4.625 | | .281 | | |
| | 15.718 | 5.2393 | | 3.136 | | 14.296 | 4.7653 | | 3.135 | |
| 12 | 6.260 | | .146 | | | 4.655 | | .150 | | Summation of Run |
| | 6.104 | | .146 | | | 4.505 | | .150 | | From B.M. 103-3 |
| | 4.958 | | .292 | | | 4.355 | | .300 | | To B.M. 103-4 |
| | 15.312 | 5.1040 | | 3.428 | | 13.515 | 4.5050 | | 3.435 | |
| 13 | 6.249 | | .141 | | | 4.939 | | .149 | | Total Backsights = + 68.2951 |
| | 5.108 | | .144 | | | 4.790 | | .146 | | Total Foresights = – 64.3544 |
| | 4.964 | | .285 | | | 4.644 | | .295 | | Diff. Elev. = + 3.9407 |
| | 15.321 | 5.1070 | | 3.713 | | 14.373 | 4.7910 | | 3.730 | |
| 14 | 4.928 | | .118 | | #19 | 4.864 | | .101 | | BM 103-4, Ave. N.W. of |
| | 4.810 | | .115 | | | 4.763 | | .105 | | Lancaster @ Ave "F" & |
| | 4.695 | | .233 | | | 4.658 | | .206 | | 25th St. West |
| | 14.433 | 4.8110 | | 3.946 | 90° | 14.285 | 4.7617 | | 3.936 | See F.B. 2415-10 |
| | | | | | | | | | | Backsight Stadia = 3.946 |
| | | | | | | | | | | Foresight Stadia = 3.936 |
| | | | | | | | | | | Total Stadia = 7.882 |
| | | | | | | | | | | .50 mi. |
| | | 68.2951 | | | | | 64.3544 | | | |

F.B. 2500 P.G. 50

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party R. E. Brooks Weather Clear Inst. No. 10566
Notes by J. M. Maldonado Time 10:25 to 11:00 Rod No. 19 & 20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 103-4 To BM 103-3
Date 16 July 1962
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.201 | | 110 | | #19 | 3.249 | | 109 | | BM 103-4 (AVA 12) |
| | 3.091 | | 106 | | | 3.140 | | 108 | | N.W. of Lancaster @ Ave "F" |
| | 2.985 | | 216 | | | 3.032 | | 217 | | & 25th St West. |
| | 9.277 | 3.0923 | | .216 | 88° | 9.421 | 3.1403 | | .217 | See F.B. 2415-10 |
| 2 | 3.040 | | 150 | | | 3.352 | | 146 | | |
| | 2.890 | | 148 | | | 3.206 | | 145 | | R Brooks |
| | 2.742 | | 298 | | | 3.061 | | 291 | | |
| | 8.672 | 2.8907 | | .514 | | 9.619 | 3.2063 | | .508 | |
| 3 | 2.900 | | 150 | | | 3.500 | | 150 | | |
| | 2.750 | | 150 | | | 3.350 | | 150 | | |
| | 2.600 | | 300 | | | 3.200 | | 300 | | |
| | 8.250 | 2.7500 | | .814 | | 10.050 | 3.3500 | | .808 | |
| 4 | 3.190 | | 152 | | | 3.668 | | 156 | | |
| | 3.038 | | 152 | | | 3.510 | | 156 | | |
| | 2.886 | | 304 | | | 3.358 | | 312 | | |
| | 9.114 | 3.0380 | | 1.118 | | 10.534 | 3.5113 | | 1.120 | |
| 5 | 3.258 | | 159 | | | 3.511 | | 152 | | |
| | 3.099 | | 159 | | | 3.359 | | 152 | | |
| | 2.940 | | 318 | | | 3.207 | | 304 | | |
| | 9.297 | 3.0990 | | 1.436 | | 10.077 | 3.3590 | | 1.924 | |
| | | 14.8700 | | | | | 16.6669 | | | |

F.B. 2877 P.G. 88

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by J.M. Maldonado Time 10:25 to 11:00 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 103-4 To BM 103-3
Date 16 JUL 1962
Indexed E. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 3.408 | 14.8701 | 156 | 1.436 | | 3.428 | 16.5669 | 156 | 1.424 | |
| | 3.252 | | 152 | | | 3.272 | | 152 | | |
| | 3.100 | | 308 | | | 3.120 | | 308 | | |
| | 9.760 | 3.2533 | | 1.744 | | 9.820 | 3.2733 | | 1.732 | |
| 7 | 3.084 | | 160 | | | 3.320 | | 155 | | |
| | 2.924 | | 159 | | | 3.165 | | 154 | | |
| | 2.765 | | 319 | | | 3.011 | | 309 | | |
| | 8.773 | 2.9243 | | 2.063 | | 9.496 | 3.1653 | | 2.041 | |
| 8 | 3.298 | | 157 | | | 3.750 | | 152 | | |
| | 3.141 | | 153 | | | 3.598 | | 155 | | |
| | 2.988 | | 310 | | | 3.443 | | 307 | | |
| | 9.427 | 3.1423 | | 2.373 | | 10.791 | 3.5970 | | 2.348 | |
| 9 | 3.248 | | 150 | | | 3.568 | | 148 | | |
| | 3.098 | | 150 | | | 3.420 | | 150 | | |
| | 2.948 | | 300 | | | 3.270 | | 298 | | |
| | 9.294 | 3.0980 | | 2.673 | | 10.258 | 3.4193 | | 2.646 | |
| 10 | 3.251 | | 150 | | | 3.508 | | 153 | | |
| | 3.101 | | 152 | | | 3.355 | | 153 | | |
| | 2.949 | | 302 | | | 3.202 | | 306 | | |
| | 9.301 | 3.1003 | | 2.975 | | 10.065 | 3.3550 | | 2.946 | |
| | | 30.3882 | | | | | 33.3768 | | | |

F.B. 2977 P. 89

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party L. L. Brooks Weather Clear Inst. No. 15560
Notes by J. M. Maldonado Time 10:25 to 11:00 Rod No. 19820

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 103-4 To BM 103-3
Date 16 July 1962
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 3.266 | 30.8882 | 147 | 2.975 | | 3.765 | 33.3768 | 157 | 2.946 | |
| | 3.119 | | 149 | | | 3.608 | | 158 | | |
| | 2.970 | | 296 | | | 3.450 | | 315 | | |
| | 9.355 | 3.1183 | | 3.271 | | 10.823 | 3.6077 | | 3.26 | |
| 12 | 3.378 | | 154 | | | 3.500 | | 150 | | |
| | 3.224 | | 154 | | | 3.350 | | 150 | | |
| | 3.070 | | 308 | | | 3.200 | | 300 | | |
| | 9.672 | 3.2240 | | 3.579 | | 10.050 | 3.3500 | | 3.56 | Summation of Run<br>From B.M. 103-4<br>To B.M. 103-3 |
| 13 | 3.422 | | 147 | | | 3.882 | | 147 | | |
| | 3.275 | | 147 | | | 3.735 | | 147 | | |
| | 3.128 | | 294 | | | 3.588 | | 294 | | |
| | 9.825 | 3.2750 | | 3.873 | | 11.205 | 3.7350 | | 3.85 | Total Backsights = + 43.5052<br>Total Foresights = − 47.4352<br>Diff. Elev. = − 3.9300 |
| 14 | 3.553 | | 053 | | | 3.421 | | 055 | | BM 103-3 (AVA 13) |
| | 3.500 | | 054 | | | 3.366 | | 056 | | NWot Lancaster @ Ave "F" |
| | 3.446 | | 107 | | | 3.310 | | 111 | | & 20th St West. |
| | 10.499 | 3.4997 | | 3.980 | 94° | 10.097 | 3.3657 | | 3.96 | See F.B. 2415-9 |
| F.B. 2877 PG. 91 | | | | | | | | | | Backsight stadia = 3.988<br>Foresight Stadia = 3.922<br>Total Stadia = 7.910<br>= .50 mi. |
| | | 43.5052 | | | | | 47.4352 | | | |

76P526-CE 379--10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks
Notes by: F. E. Brooks
Weather: Clear
Time: 2:05 - 2:35
Inst. No. 15066
Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 103-4 To: BM 103-5
Date: 13 July 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.892 | | .112 | | #19 | 4.575 | | .107 | | BM 103-4, (AVA 12) NW |
| | 4.780 | | .116 | | | 4.468 | | .109 | | of Lancaster @ Ave "F" & |
| | 4.664 | | .228 | | | 4.359 | | .216 | | 25th St. West |
| | 14.336 | 4.7787 | | .228 | 90° | 13.402 | 4.4673 | | .216 | See F.B. 2415-10 |
| 2 | 4.902 | | .149 | | | 4.458 | | .148 | | T Moldonado |
| | 4.753 | | .145 | | | 4.310 | | .148 | | |
| | 4.608 | | .294 | | | 4.162 | | .296 | | |
| | 14.263 | 4.7543 | | .522 | | 12.930 | 4.3100 | | .512 | |
| 3 | 4.989 | | .147 | | | 4.598 | | .148 | | |
| | 4.842 | | .145 | | | 4.450 | | .148 | | |
| | 4.697 | | .292 | | | 4.302 | | .296 | | |
| | 14.528 | 4.8427 | | .814 | | 13.350 | 4.4500 | | .808 | |
| 4 | 5.136 | | .145 | | | 4.997 | | .144 | | |
| | 4.991 | | .142 | | | 4.849 | | .146 | | |
| | 4.849 | | .287 | | | 4.703 | | .290 | | |
| | 14.976 | 4.9920 | | 1.101 | | 14.545 | 4.8483 | | 1.098 | |
| 5 | 3.318 | | .148 | | | 3.201 | | .149 | | |
| | 3.170 | | .147 | | | 3.052 | | .149 | | |
| | 3.023 | | .295 | | | 2.903 | | .298 | | |
| | 9.511 | 3.1703 | | 1.396 | | 9.156 | 3.0520 | | 1.396 | |
| | | 22.5380 | | | | | 21.1276 | | | |

F.B. 2417 P.G. 21

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks  Weather: Clear  Inst. No.: 15066
Notes by: F. E. Brooks  Time: 2:05 - 2:35  Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 03.01.02
From: BM 103-4  To: BM 103-5
Date: 13 July 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 3.091 | 22.5380 | .148 | 1.396 | | 2.733 | 21.1276 | .150 | 1.396 | |
| | 2.943 | | .146 | | | 2.583 | | .150 | | |
| | 2.797 | | .294 | | | 2.433 | | .300 | | |
| | 8.831 | 2.9437 | | 1.690 | | 7.749 | 2.5830 | | 1.696 | |
| 7 | 3.387 | | .148 | | | 3.018 | | .147 | | |
| | 3.239 | | .148 | | | 2.871 | | .149 | | |
| | 3.091 | | .296 | | | 2.722 | | .296 | | |
| | 9.717 | 3.2390 | | 1.986 | | 8.611 | 2.8703 | | 1.992 | |
| 8 | 3.230 | | .150 | | | 2.530 | | .150 | | |
| | 3.080 | | .148 | | | 2.380 | | .147 | | |
| | 2.932 | | .298 | | | 2.233 | | .297 | | |
| | 9.242 | 3.0807 | | 2.284 | | 7.143 | 2.3810 | | 2.289 | |
| 9 | 3.052 | | .149 | | | 2.950 | | .150 | | |
| | 2.903 | | .145 | | | 2.800 | | .149 | | |
| | 2.758 | | .294 | | | 2.651 | | .299 | | |
| | 8.713 | 2.9043 | | 2.578 | | 8.401 | 2.8003 | | 2.588 | |
| 10 | 3.094 | | .147 | | | 2.818 | | .147 | | |
| | 2.947 | | .149 | | | 2.671 | | .149 | | |
| | 2.798 | | .296 | | | 2.522 | | .296 | | |
| | 8.839 | 2.9463 | | 2.874 | | 8.011 | 2.6703 | | 2.884 | |
| | | 37.6520 | | | | | 34.4325 | | | |

F.B. 2877 P.G. 92

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks  Weather: Clear  Inst. No. 15066
Notes by: F. E. Brooks  Time: 2:05 to 2:35  Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 103-4 To: BM 103-5
Date: 13 July 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 3.261 | 37.6520 | .148 | 2.874 | | 3.039 | 34.4325 | .147 | 2.884 | Summation of Run |
| | 3.113 | | .147 | | | 2.892 | | .145 | | From B.M. 103-4 |
| | 2.969 | | .292 | | | 2.747 | | .292 | | To B.M. 103-5 |
| | 9.343 | 3.1143 | | 3.166 | | 8.678 | 2.8927 | | 3.176 | |
| 12 | 3.468 | | .148 | | | 3.150 | | .148 | | Total Backsights = + 50.4489 |
| | 3.320 | | .147 | | | 3.002 | | .145 | | Total Foresights = − 46.5888 |
| | 3.173 | | .295 | | | 2.857 | | .293 | | Diff. Elev. = + 3.8601 |
| | 9.961 | 3.3203 | | 3.461 | | 9.009 | 3.0030 | | 3.469 | |
| 13 | 3.323 | | .146 | | | 2.824 | | .146 | | Backsight stadia = 4.046 |
| | 3.177 | | .148 | | | 2.678 | | .148 | | Foresight Stadia = 4.055 |
| | 3.029 | | .294 | | | 2.530 | | .294 | | Total Stadia = 8.101 |
| | 9.529 | 3.1763 | | 3.755 | | 8.032 | 2.6773 | | 3.763 | .51 mi |
| 14 | 3.331 | | .144 | | #19 | 3.730 | | .148 | | BM 103-5, (Ave 11) |
| | 3.187 | | .147 | | | 3.582 | | .144 | | NW of Lancaster @ Pro |
| | 3.040 | | .291 | | | 3.438 | | .292 | | "F" & 30th St West |
| | 9.558 | 3.1860 | | 4.046 | 90° | 10.750 | 3.5833 | | 4.055 | See F.B. 2415-11 |
| | | 50.4489 | | | | | 46.5888 | | | |

F.B. 2415 P.G. 43

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks  Weather: Clear  Inst. No.: 15066
Notes by: J. M. Maldonado  Time: 9:40 to 10:20  Rod No.: 19 & 20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 103-5  To: BM 103-4
Date: 16 July 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.962 | | 150 | | #19 | 3.558 | | 141 | | BM 103-5 (AYA 11) |
| | 3.812 | | 151 | | | 3.417 | | 144 | | NW of Lancaster @ Ave |
| | 3.661 | | 301 | | | 3.273 | | 285 | | "E" & 30th St. West |
| | 11.435 | 3.8117 | | .301 | 86° | 10.248 | 3.4160 | | .285 | See F.B. 2415-11 |
| 2 | 3.099 | | 149 | | | 3.595 | | 145 | | T. Brooks |
| | 2.950 | | 147 | | | 3.450 | | 148 | | |
| | 2.803 | | 296 | | | 3.302 | | 293 | | |
| | 8.852 | 2.9507 | | .597 | | 10.347 | 3.4490 | | .578 | |
| 3 | 3.371 | | 147 | | | 3.688 | | 147 | | |
| | 3.224 | | 146 | | | 3.541 | | 146 | | |
| | 3.078 | | 293 | | | 3.395 | | 293 | | |
| | 9.673 | 3.2243 | | .890 | | 10.624 | 3.5413 | | .871 | |
| 4 | 3.139 | | 154 | | | 3.350 | | 142 | | |
| | 2.985 | | 152 | | | 3.208 | | 140 | | |
| | 2.833 | | 306 | | | 3.068 | | 282 | | |
| | 8.957 | 2.9857 | | 1.196 | | 9.626 | 3.2087 | | 1.153 | |
| 5 | 2.985 | | 150 | | | 3.253 | | 144 | | |
| | 2.835 | | 150 | | | 3.109 | | 146 | | |
| | 2.685 | | 300 | | | 2.963 | | 290 | | |
| | 8.505 | 2.8350 | | 1.496 | | 9.325 | 3.1083 | | 1.443 | |
| | | 15.8074 | | | | | 16.7233 | | | |

F.B. 2817 P.G. 94

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by J. M. Maldonado Time 9:40 to 10:20 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM103-5 To BM103-4
Date 16 July 1962
Indexed C. J. GALU

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 3.112 | 15.8074 | 150 | 1.496 | | 3.210 | 16.7238 | 146 | 1.443 | |
| | 2.962 | | 151 | | | 3.064 | | 144 | | |
| | 2.811 | | 301 | | | 2.920 | | 290 | | |
| | 8.885 | 2.9617 | | 1.797 | | 9.194 | 3.0647 | | 1.733 | |
| 7 | 2.659 | | 154 | | | 3.348 | | 144 | | |
| | 2.505 | | 154 | | | 3.204 | | 142 | | |
| | 2.351 | | 308 | | | 3.062 | | 286 | | |
| | 7.515 | 2.5050 | | 2.105 | | 9.614 | 3.2047 | | 2.019 | |
| 8 | 2.980 | | 145 | | | 3.352 | | 149 | | |
| | 2.835 | | 144 | | | 3.203 | | 152 | | |
| | 2.691 | | 289 | | | 3.051 | | 301 | | |
| | 8.506 | 2.8353 | | 2.394 | | 9.606 | 3.2020 | | 2.320 | |
| 9 | 3.121 | | 146 | | | 3.489 | | 151 | | |
| | 2.975 | | 145 | | | 3.338 | | 154 | | |
| | 2.830 | | 291 | | | 3.184 | | 305 | | |
| | 8.926 | 2.9753 | | 2.685 | | 10.011 | 3.3370 | | 2.625 | |
| 10 | 3.292 | | 143 | | | 3.418 | | 153 | | |
| | 3.149 | | 145 | | | 3.265 | | 154 | | |
| | 3.004 | | 288 | | | 3.111 | | 307 | | |
| | 9.445 | 3.1483 | | 2.973 | | 9.794 | 3.2647 | | 2.932 | |
| | | 30.2330 | | | | | 32.1978 | | | |

F.B. 2817 P.G. 95

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks  Weather: Clear  Inst. No. 15066
Notes by: J. M. Maldonado  Time: 9:40 to 10:20  Rod No. 19 & 20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM103-5  To: BM103-4
Date: 16 July 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 3.244 | 3.2330 | 143 | 2.973 | | 3.395 | 3.2792 | 151 | 2.932 | Summation of Run |
| | 3.101 | | 142 | | | 3.244 | | 149 | | From B.M. 103-5 |
| | 2.959 | | 285 | | | 3.095 | | 300 | | To B.M. 103-4 |
| | 9.304 | 3.1013 | | 3.258 | | 9.734 | 3.2447 | | 3.272 | |
| 12 | 3.208 | | 145 | | | 3.609 | | 153 | | Total Backsights = + 42.2030 |
| | 3.063 | | 142 | | | 3.456 | | 153 | | Total Foresights = − 46.0593 |
| | 2.921 | | 287 | | | 3.303 | | 306 | | Diff. Elev. = − 3.8563 |
| | 9.192 | 3.0640 | | 3.545 | | 10.368 | 3.4560 | | 3.538 | |
| 13 | 3.043 | | 148 | | | 3.490 | | 150 | | Backsight stadia = 4.046 |
| | 2.895 | | 149 | | | 3.340 | | 150 | | Foresight Stadia = 4.075 |
| | 2.746 | | 297 | | | 3.190 | | 300 | | Total Stadia = 8.121 |
| | 8.684 | 2.8947 | | 3.842 | | 10.020 | 3.3400 | | 3.838 | = .51 mi. |
| 14 | 3.012 | | 102 | | | 3.341 | | 119 | | BM103-4, (AVA 12) |
| | 2.910 | | 102 | | | 3.222 | | 118 | | NW of Lancaster @ Ave "F" |
| | 2.808 | | 204 | | | 3.104 | | 237 | | & 25th St. West. |
| | 8.730 | 2.9100 | | 4.046 | 88° | 9.667 | 3.2223 | | 4.075 | See F.B. 2415-10 |
| | | 42.2030 | | | | | 46.0593 | | | |

F.B. 2877 PG. 96

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks — Weather: Clear — Inst. No.: 15066
Notes by: F. E. Brooks — Time: 9:35 – 10:10 — Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 103-5 To: BM 103-6
Date: 18 July 1962
Indexed: G. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.291 | | .168 | | #19 | 4.579 | | .168 | | BM 103-5 |
| | 5.123 | | .164 | | | 4.411 | | .169 | | Ave. F. & 30th St. W. |
| | 4.959 | | .332 | | | 4.242 | | .337 | | |
| | 15.373 | 5.1243 | | .332 | 86° | 13.232 | 4.4107 | | .337 | See F.B. 2415-11 |
| 2 | 4.839 | | .147 | | | 4.407 | | .149 | | |
| | 4.692 | | .144 | | | 4.258 | | .149 | | T Maldonado |
| | 4.548 | | .291 | | | 4.109 | | .298 | | |
| | 14.079 | 4.6930 | | .623 | | 12.774 | 4.2580 | | .635 | |
| 3 | 5.099 | | .147 | | | 4.680 | | .149 | | |
| | 4.952 | | .145 | | | 4.531 | | .149 | | |
| | 4.807 | | .292 | | | 4.382 | | .298 | | |
| | 14.858 | 4.9527 | | .915 | | 13.593 | 4.5310 | | .933 | |
| 4 | 4.707 | | .158 | | | 4.540 | | .148 | | |
| | 4.549 | | .159 | | | 4.392 | | .150 | | |
| | 4.390 | | .317 | | | 4.242 | | .298 | | |
| | 13.646 | 4.5487 | | 1.232 | | 13.174 | 4.3913 | | 1.231 | |
| 5 | 4.748 | | .149 | | | 4.329 | | .148 | | |
| | 4.599 | | .149 | | | 4.231 | | .149 | | |
| | 4.450 | | .298 | | | 4.082 | | .297 | | |
| | 13.797 | 4.5990 | | 1.530 | | 12.692 | 4.2307 | | 1.528 | |
| | | 23.9177 | | | | | 21.8217 | | | |

F.B. 2877 P.G. 97

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Notes by: E. E. Brooks
Weather: Clear
Time: 9:35 – 10:10
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM103-5 To: BM103-6
Date: 18 July 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 4.908 | 23.9177 | .149 | 1.530 | | 4.533 | 21.8217 | .146 | 1.528 | |
| | 4.959 | | .147 | | | 4.387 | | .149 | | |
| | 4.612 | | .296 | | | 4.238 | | .295 | | |
| | 14.279 | 4.7597 | | 1.826 | | 13.158 | 4.3860 | | 1.823 | |
| 7 | 4.776 | | .153 | | | 4.270 | | .150 | | |
| | 4.623 | | .152 | | | 4.120 | | .150 | | |
| | 4.471 | | .305 | | | 3.970 | | .300 | | |
| | 13.870 | 4.6233 | | 2.131 | | 12.360 | 4.1200 | | 2.123 | |
| 8 | 4.921 | | .143 | | | 4.396 | | .153 | | |
| | 4.778 | | .147 | | | 4.248 | | .152 | | |
| | 4.631 | | .290 | | | 4.091 | | .305 | | |
| | 14.330 | 4.7767 | | 2.421 | | 12.730 | 4.2433 | | 2.428 | |
| 9 | 4.571 | | .149 | | | 4.598 | | .150 | | |
| | 4.622 | | .145 | | | 4.448 | | .150 | | |
| | 4.477 | | .294 | | | 4.298 | | .300 | | |
| | 13.870 | 4.6233 | | 2.715 | | 13.344 | 4.4480 | | 2.728 | |
| 10 | 4.888 | | .145 | | | 4.352 | | .145 | | |
| | 4.743 | | .144 | | | 4.207 | | .149 | | |
| | 4.599 | | .289 | | | 4.058 | | .294 | | |
| | 14.230 | 4.7433 | | 3.004 | | 12.617 | 4.2057 | | 3.022 | |
| | | 47.4440 | | | | | 43.2247 | | | |

F.B. 2877 PG. 75

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 9:35-10:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.82
From BM 103-5 To BM 103-6
Date 18 July 1962
Indexed E. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 4.968 | 47.4440 | .141 | 3.004 | | 4.525 | 43.2247 | .143 | 3.022 | |
| | 4.822 | | .143 | | | 4.382 | | .143 | | Summation of Run |
| | 4.679 | | .289 | 93 | | 4.239 | | .286 | | From B.M. 103-5 |
| | 14.469 | 4.8230 | | 3.2~~88~~ | | 13.146 | 4.3820 | | 3.308 | To B.M. 103-6 |
| 12 | 5.243 | | .144 | | | 4.860 | | .148 | | Total Backsights = + 67.1427 |
| | 5.099 | | .147 | | | 4.712 | | .144 | | Total Foresights = − 62.0847 |
| | 4.952 | | .291 | 84 | | 4.568 | | .292 | | Diff. Elev. = + 5.0280 |
| | 15.294 | 5.0980 | | 3.5~~49~~ | | 14.140 | 4.7133 | | 3.100 | |
| 13 | 4.967 | | .150 | | | 4.463 | | .151 | | Backsight Stadia = 4.113 |
| | 4.817 | | .148 | | | 4.312 | | .148 | | Foresight Stadia = 4.135 |
| | 4.669 | | .298 | 82 | | 4.164 | | .299 | | Total Stadia = 8.248 |
| | 14.453 | 4.8177 | | 3.8~~77~~ | | 12.939 | 4.3130 | | 3.899 | = 0.52 mi. |
| 14 | 5.048 | | .118 | | | 5.590 | | .119 | | BM 103-6 |
| | 4.930 | | .118 | | | 5.451 | | .117 | | Ave. F & 0.5 mi. E. of |
| | 4.812 | | .236 | 8 | | 5.334 | | .236 | | 40th St. W. |
| | 14.790 | 4.9300 | | 41.1~~8~~ | 90° | 16.356 | 5.4517 | | 4.135 | See F.B. 2415-12 |
| | | 67.1427 | | | | | 62.0847 | | | |

F.B. 2877 P.G. 66

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather clear Inst. No. 15066
Notes by ESQUER Time 11:45-1:20 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 103-6 To BM 103-5
Date 7-19-62
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 4450 | | 112 | | #19 | 3932 | | 117 | | BM 103-6 |
| 1 | 4338 | | 114 | | | 3815 | | 117 | | Ave. F. & 0.5 mi. E. of |
| | 4224 | | 226 | | | 3698 | | 234 | | 40th St. W. |
| | 13012 | 43373 | | 226 | 94° | 11445 | 38150 | | 234 | See F.B. 2415-12 |
| | 3462 | | 151 | | | 3964 | | 157 | | |
| 2 | 3311 | | 149 | | | 3813 | | 150 | | T Cook |
| | 3162 | | 300 | | | 3663 | | 301 | | |
| | 9935 | 33117 | | 526 | | 11440 | 38133 | | 535 | |
| | 3579 | | 148 | | | 3968 | | 149 | | |
| 3 | 3431 | | 145 | | | 3819 | | 150 | | |
| | 3286 | | 293 | | | 3669 | | 299 | | |
| | 10296 | 34320 | | 819 | | 11456 | 38187 | | 834 | |
| | 3398 | | 146 | | | 3839 | | 141 | | |
| 4 | 3252 | | 144 | | | 3692 | | 143 | | |
| | 3108 | | 290 | | | 3549 | | 284 | | |
| | 9758 | 32527 | | 1109 | | 11080 | 36933 | | 1128 | |
| | 3556 | | 156 | | | 4088 | | 146 | | |
| 5 | 3406 | | 149 | | | 3942 | | 147 | | |
| | 3257 | | 299 | | | 3795 | | 293 | | |
| | 10219 | 34063 | | 1408 | | 11825 | 39417 | | 1416 | |
| | | 177400 | | | | | 190820 | | | |

F.B. 2877 PG. 100

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by ESQUER Time 11:45 - 1:20 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 103-6 To BM 103-5
Date 7-19-62
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 3405 | 17.7400 | 152 | 1408 | | 3577 | 19.0820 | 150 | 1416 | |
| | 3253 | | 152 | | | 3427 | | 149 | | |
| | 3101 | | 304 | | | 3278 | | 299 | 6 | |
| | 9759 | 32530 | | 1712 | | 10282 | 34273 | | 1715 | |
| 7 | 3431 | | 152 | | | 3958 | | 147 | | |
| | 3279 | | 156 | | | 3811 | | 145 | | |
| | 3123 | | 308 | | | 3666 | | 292 | 8 | |
| | 9833 | 32777 | | 2020 | | 11435 | 38117 | | 2007 | |
| 8 | 3431 | | 156 | | | 3937 | | 153 | | |
| | 3281 | | 150 | | | 3784 | | 152 | | |
| | 3131 | | 300 | | | 3632 | | 305 | 3 | |
| | 9843 | 32810 | | 2320 | | 11353 | 37843 | | 2312 | |
| 9 | 3647 | | 149 | | | 4021 | | 150 | | |
| | 3498 | | 149 | | | 3871 | | 150 | | |
| | 3349 | | 298 | | | 3721 | | 300 | 3 | |
| | 10494 | 34980 | | 2618 | | 11613 | 38710 | | 2618 | |
| 10 | 3670 | | 148 | | | 4039 | | 151 | | 1 hr. for lunch |
| | 3522 | | 152 | | | 3888 | | 150 | | |
| | 3370 | | 300 | | 96° | 3738 | | 301 | 4 | |
| | 10562 | 35207 | | 2918 | | 11665 | 38883 | | 2913 | |
| | | 345704 | | | | | 378646 | | | |

F.B. 2877 P.G. 101

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks — Weather: Clear — Inst. No. 15066
Notes by: ESQUER — Time: 11:45 - 1:20 — Rod No. 19820

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From BM 103-6 To BM 103-5
Date 7-19-62
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 3674 | 34.5704 | 152 | 2918 | | 3841 | 37.8646 | 160 | 2913 | |
| | 3522 | | 150 | | | 3681 | | 160 | | Summation of Run |
| | 3372 | | 302 | | | 3521 | | 320 | | From B.M. 103-6 |
| | 10568 | 35227 | | 3220 | | 11043 | 36810 | | 3233 | To B.M. 103-5 |
| 12 | 3459 | | 151 | | | 3878 | | 148 | | |
| | 3308 | | 154 | | | 3730 | | 149 | | Total Backsights = + 48.5661 |
| | 3154 | | 305 | | | 3581 | | 297 | | Total Foresights = − 53.5907 |
| | 9921 | 33070 | | 3525 | | 11189 | 37297 | | 3530 | Diff. Elev. = − 5.0246 |
| 13 | 3768 | | 149 | | | 4205 | | 148 | | Backsight Stadia = 4.166 |
| | 3619 | | 149 | | | 4057 | | 149 | | Foresight Stadia = 4.154 |
| | 3470 | | 298 | | | 3908 | | 297 | | Total Stadia = 8.320 |
| | 10857 | 36190 | | 3823 | | 12170 | 40567 | | 3828 | 0.53 mi. |
| 14 | 3719 | | 173 | | | 4422 | | 163 | | BM 103-5 |
| | 3546 | | 170 | | | 4259 | | 164 | | Ave F. & 30th St. W. |
| | 3376 | | 343 | | 96° | 4095 | | 327 | | |
| | 10641 | 35470 | | 4166 | | 12776 | 42587 | | 4154 | See F.B. 2415-11 |
| | | 48.5661 | | | | | 53.5907 | | | |

F.B. 2877 P.G. 102

76P526-CE 379--10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks — Weather: Clear — Inst. No.: 15066
Notes by: F. E. Brooks — Time: 10:15 - 10:40 — Rod No.: 19-20

Name: L.A. Co. Pro...
Job No.: 0301.02
From: BM 103-6 To: BM 103-7
Date: 18 July 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.670 | | .093 | | #19 | 4.673 | | .085 | | BM 103-6 |
| | 5.577 | | .093 | | | 4.588 | | .084 | | Ave. F & 0.5 Mi East of |
| | 5.484 | | .186 | | | 4.504 | | .169 | | 107th St W |
| | 16.731 | 5.5770 | | 186 | 90° | 13.765 | 4.5883 | | 169 | FB-2415-12 |
| 2 | 5.087 | | .147 | | | 4.851 | | .144 | | T Maldonado |
| | 4.940 | | .143 | | | 4.707 | | .145 | | |
| | 4.797 | | .290 | | | 4.562 | | .289 | | |
| | 14.824 | 4.9418 | | .476 | | 14.120 | 4.7067 | | .458 | |
| 3 | 5.198 | | .147 | | | 4.770 | | .147 | | |
| | 5.051 | | .143 | | | 4.623 | | .144 | | |
| | 4.908 | | .290 | | | 4.479 | | .291 | | |
| | 15.157 | 5.0523 | | .766 | | 13.872 | 4.6240 | | 749 | |
| 4 | 6.202 | | .145 | | | 4.701 | | .148 | | |
| | 5.057 | | .147 | | | 4.553 | | .146 | | |
| | 4.910 | | .292 | | | 4.407 | | .294 | | |
| | 15.169 | 5.0563 | | 1.058 | | 13.661 | 4.5537 | | 1043 | |
| 5 | 5.031 | | .144 | | | 4.671 | | .147 | | |
| | 4.887 | | .146 | | | 4.524 | | .145 | | |
| | 4.741 | | .290 | | | 4.379 | | .292 | | |
| | 14.659 | 4.8863 | | 1.348 | | 13.574 | 4.5247 | | 1335 | |
| | | 25.5132 | | | | | 22.9974 | | | |

F.B. 2577 P.G. 103

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Notes by: E. E. Brooks
Weather: Clear
Time: 11:15 - 10:40
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM103-6 To: BM103-7
Date: 18 July 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 5.209 | 25.5132 | .147 | 1.348 | | 4.792 | 22.9974 | .144 | 1.335 | |
| | 5.062 | | .144 | | | 4.648 | | .145 | | |
| | 4.918 | | .291 | | | 4.503 | | .289 | | |
| | 15.189 | 5.0630 | | 1.639 | | 13.943 | 4.6477 | | 1.624 | |
| 7 | 5.088 | | .147 | | | 4.987 | | .148 | | |
| | 4.941 | | .143 | | | 4.839 | | .146 | | |
| | 4.798 | | .290 | | | 4.693 | | .294 | | |
| | 14.827 | 4.9423 | | 1.929 | | 14.519 | 4.8397 | | 1.918 | |
| 8 | 5.210 | | .148 | | | 4.933 | | .143 | | |
| | 5.062 | | .144 | | | 4.790 | | .147 | | |
| | 4.918 | | .292 | | | 4.643 | | .290 | | |
| | 15.190 | 5.0633 | | 2.221 | | 14.366 | 4.7887 | | 2.208 | |
| 9 | 5.010 | | .145 | | | 4.886 | | .146 | | |
| | 4.865 | | .146 | | | 4.740 | | .143 | | |
| | 4.719 | | .291 | | | 4.597 | | .289 | | |
| | 14.594 | 4.8647 | | 2.512 | | 14.223 | 4.7410 | | 2.497 | |
| 10 | 5.319 | | .147 | | | 5.051 | | .143 | | |
| | 5.172 | | .143 | | | 4.908 | | .147 | | |
| | 5.029 | | .290 | | | 4.761 | | .290 | | |
| | 15.520 | 5.1733 | | 2.802 | | 14.720 | 4.9067 | | 2.787 | |
| | | 50.6198 | | | | | 46.9212 | | | |

F.B. 2877 P.G. 124

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks — Weather: Clear — Inst. No. 15066
Notes by: F. E. Brooks — Time: 10:15 - 10:40 — Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 103-6 To: BM 103-7
Date: 18 July 1962
Indexed: C. J. GALL

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 5.028 | 50.6198 | .146 | 2.802 | | 4.787 | 46.9212 | .149 | 2.787 | |
| | 4.882 | | .143 | | | 4.638 | | .147 | | Summation of Run |
| | 4.739 | | .289 | | | 4.491 | | .296 | | From B.M 103-6 |
| | 14.649 | 4.8830 | | 3.091 | | 13.916 | 4.6387 | | 3.083 | To BM 103-7 |
| 12 | 5.209 | | .145 | | | 5.003 | | .146 | | |
| | 5.064 | | .145 | | | 4.857 | | .147 | | Total Backsights = + 70.4461 |
| | 4.919 | | .290 | | | 4.710 | | .293 | | Total Foresights = − 66.0116 |
| | 15.192 | 5.0640 | | 3.381 | | 14.570 | 4.8567 | | 3.376 | Diff. Elev. = + 4.4345 |
| 13 | 5.108 | | .146 | | | 4.427 | | .147 | | |
| | 4.962 | | .143 | | | 4.280 | | .143 | | Backsight stadia = 3.958 |
| | 4.819 | | .289 | | | 4.137 | | .290 | | Foresight Stadia = 3.965 |
| | 14.889 | 4.9630 | | 3.670 | | 12.844 | 4.2813 | | 3.666 | Total Stadia = 7.923 |
| | | | | | | | | | | 0.50 mi. |
| 14 | 5.060 | | .143 | | | 5.463 | | .149 | | BM 103-7 |
| | 4.917 | | .145 | | | 5.314 | | .150 | | NW of Lancaster @ |
| | 4.772 | | .288 | | | 5.164 | | .299 | | Ave F & 40th St W. |
| | 14.749 | 4.9163 | | 3.958 | 90° | 15.941 | 5.3137 | | 3.965 | FB 2415-13 |
| | | 70.4461 | | | | | 66.0116 | | | |

F.B. 2415 P.G. 105

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Notes by: ESQUER
Weather: Clear
Time: 11:15 – 11:40
Inst. No.: 15066
Rod No.: 19520

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 103-7 To: BM 103-6
Date: 7-19-62
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3621 | | 144 | | #19 | 3227 | | 148 | | BM 103-7 N.W. of Lancaster |
| | 3477 | | 147 | | | 3079 | | 148 | | Ave "F" & 40th St. W. |
| | 3330 | | 291 | | | 2931 | | 296 | | |
| | 10428 | 34760 | | 291 | 90° | 9237 | 30790 | | 296 | FB 2415-13 |
| 2 | 2.837 | | 144 | | | 3.527 | | 149 | | |
| | 2.693 | | 148 | | | 3.378 | | 146 | | T Maldonado |
| | 2.545 | | 292 | | | 3.232 | | 295 | | |
| | 8.075 | 2.6917 | | 583 | | 10.137 | 3.3790 | | 591 | |
| 3 | 3150 | | 147 | | | 3359 | | 147 | | |
| | 3003 | | 145 | | | 3212 | | 145 | | |
| | 2858 | | 292 | | | 3067 | | 292 | | |
| | 9011 | 30037 | | 875 | | 9638 | 32127 | | 883 | |
| 4 | 3350 | | 151 | | | 3590 | | 147 | | |
| | 3199 | | 148 | | | 3443 | | 145 | | |
| | 3051 | | 299 | | | 3298 | | 292 | | |
| | 9600 | 32000 | | 1174 | | 10331 | 34437 | | 1175 | |
| 5 | 3049 | | 146 | | | 3318 | | 149 | | |
| | 2903 | | 146 | | | 3169 | | 147 | | |
| | 2757 | | 292 | | | 3022 | | 296 | | |
| | 8709 | 29030 | | 1466 | | 9509 | 31697 | | 1471 | |
| | | 152744 | | | | | 162844 | | | |

F.B. 2877 PG. 106

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by ESQUER Time 10:15 - 11:40 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM103-7 To BM103-6
Date 7-19-62
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 3387 | 15.2744 | 147 | 1466 | | 3511 | 16.2841 | 144 | 1471 | |
| | 3240 | | 148 | | | 3367 | | 148 | | |
| | 3092 | | 295 | | | 3219 | | 292 | | |
| | 9719 | 32397 | | 1761 | | 10097 | 33657 | | 1763 | |
| 7 | 3344 | | 145 | | | 3621 | | 148 | | |
| | 3199 | | 147 | | | 3473 | | 146 | | |
| | 3052 | | 292 | | | 3327 | | 294 | | |
| | 9595 | 31983 | | 2053 | | 10421 | 34737 | | 2057 | |
| 8 | 3431 | | 147 | | | 3535 | | 148 | | |
| | 3284 | | 145 | | | 3387 | | 148 | | |
| | 3139 | | 292 | | | 3239 | | 296 | | |
| | 9854 | 32847 | | 2345 | | 10161 | 33870 | | 2353 | |
| 9 | 3188 | | 146 | | | 3607 | | 149 | | |
| | 3042 | | 149 | | | 3458 | | 147 | | |
| | 2893 | | 295 | | | 3311 | | 296 | | |
| | 9123 | 30410 | | 2640 | | 10376 | 34587 | | 2649 | |
| 10 | 3152 | | 145 | | | 3517 | | 149 | | |
| | 3007 | | 147 | | | 3368 | | 149 | | |
| | 2860 | | 292 | | | 3219 | | 298 | | |
| | 9019 | 30063 | | 2932 | | 10104 | 33680 | | 2947 | |
| | | 31.0544 | | | | | 33.3372 | | | |

F.B. 1417 P.G. 107

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Notes by: ESQUER
Weather: Clear
Time: 11:15 - 11:40
Inst. No.: 16066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 030102
From: BM 103-7 To: BM 103-6
Date: 7-19-62
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 3179 | 31.0444 | 148 | 2932 | | 3680 | 35.5372 | 149 | 2947 | Summation of Run |
| | 3031 | | 148 | | | 3531 | | 149 | | From B.M. 103-7 |
| | 2883 | | 296 | | | 3382 | | 298 | | To B.M. 103-6 |
| | 9093 | 30310 | | 3228 | | 10593 | 35310 | | 3245 | |
| 12 | 3270 | | 148 | | | 3699 | | 149 | | Total Backsights = +43.4878 |
| | 3122 | | 145 | | | 3550 | | 147 | | Total Foresights = −47.9332 |
| | 2977 | | 293 | | | 3403 | | 296 | | Diff. Elev. = −4.4454 |
| | 9369 | 31230 | | 3521 | | 10652 | 35507 | | 3541 | |
| 13 | 3311 | | 144 | | | 3549 | | 148 | | Backsight Stadia = 4.001 |
| | 3167 | | 148 | | | 3401 | | 148 | | Foresight Stadia = 3.998 |
| | 3019 | | 292 | | | 3253 | | 296 | | Total Stadia = 7.999 |
| | 9497 | 31657 | | 3813 | | 10203 | 34010 | | 3837 | |
| 14 | 3218 | | 095 | | | 4194 | | 081 | | BM 103-6 = 0.51 |
| | 3123 | | 093 | | | 4113 | | 080 | | Ave "F" & 0.5 Mi East |
| | 3030 | | 188 | | 94° | 4033 | | 161 | | at 40th St. W. |
| | 9371 | 31237 | | 4001 | | 12340 | 41133 | | 3998 | FB 2415-12 |
| | | 43.4878 | | | | | 47.9332 | | | |

F.B. 2877 PG. 108

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 10:45-11:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0361.02
From BM 103-7 To BM 103-8
Date 18 July 1962
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6.001 | | .118 | | #19 | 5.107 | | .117 | | BM 103-7 |
| | 5.883 | | .115 | | | 4.990 | | .115 | | Ave. F & 40th St. West |
| | 5.768 | | .233 | | | 4.875 | | .232 | | |
| | 17.652 | 5.8840 | | 233 | 90° | 14.972 | 4.9907 | | 232 | See F.B. 2415-13 |
| 2 | 6.313 | | .143 | | | 4.728 | | .144 | | |
| | 6.170 | | .147 | | | 4.584 | | .142 | | T Cook |
| | 5.023 | | .290 | | | 4.442 | | .286 | | |
| | 15.506 | 5.1687 | | .523 | | 13.754 | 4.5847 | | .518 | |
| 3 | 6.358 | | .145 | | | 5.030 | | .142 | | |
| | 6.213 | | .143 | | | 4.888 | | .140 | | |
| | 6.070 | | .288 | | | 4.748 | | .282 | | |
| | 15.641 | 5.2137 | | .811 | | 14.666 | 4.8887 | | .800 | |
| 4 | 6.418 | | .146 | | | 4.891 | | .150 | | |
| | 6.272 | | .144 | | | 4.741 | | .150 | | |
| | 6.128 | | .290 | | | 4.591 | | .300 | | |
| | 15.818 | 5.2727 | | 1.101 | | 14.223 | 4.7410 | | 1.100 | |
| 5 | 6.651 | | .152 | | | 4.951 | | .148 | | |
| | 6.499 | | .154 | | | 4.803 | | .144 | | |
| | 6.345 | | .306 | | | 4.659 | | .292 | | |
| | 16.495 | 5.4983 | | 1.407 | | 14.413 | 4.8043 | | 1.342 | |
| | | 27.0374 | | | | | 24.0094 | | | |

F.B. 2877 P.G. 109

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks  Weather: Clear  Inst. No. 15066
Notes by: E. E. Brooks  Time: 10:45 - 11:10  Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From BM103-7 To BM103-8
Date 18 July 1962
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 5.262 | 27.0374 | .152 | 1.407 | | 5.199 | 24.0094 | .154 | 1.392 | |
| | 5.110 | | .151 | | | 5.045 | | .154 | | |
| | 4.959 | | .303 | | | 4.891 | | .308 | | |
| | 15.331 | 5.1103 | | 1.910 | | 15.135 | 5.0450 | | 1.700 | |
| 7 | 5.308 | | .147 | | | 4.991 | | .143 | | |
| | 5.161 | | .146 | | | 4.848 | | .144 | | |
| | 5.015 | | .293 | | | 4.704 | | .287 | | |
| | 15.484 | 5.1613 | | 2.003 | | 14.543 | 4.8477 | | 1.987 | |
| 8 | 5.515 | | .145 | | | 5.057 | | .149 | | |
| | 5.370 | | .147 | | | 4.908 | | .150 | | |
| | 5.223 | | .292 | | | 4.758 | | .299 | | |
| | 16.108 | 5.3693 | | 2.295 | | 14.723 | 4.9077 | | 2.286 | |
| 9 | 5.541 | | .145 | | | 4.941 | | .133 | | |
| | 5.396 | | .145 | | | 4.808 | | .132 | | |
| | 5.251 | | .290 | | | 4.676 | | .265 | | |
| | 16.188 | 5.3960 | | 2.585 | | 14.425 | 4.8083 | | 2.551 | |
| 10 | 5.482 | | .142 | | | 5.115 | | .135 | | |
| | 5.340 | | .142 | | | 4.980 | | .139 | | |
| | 5.198 | | .284 | | | 4.841 | | .274 | | |
| | 16.020 | 5.3400 | | 2.869 | | 14.936 | 4.9787 | | 2.825 | |
| | | 53.4143 | | | | | 48.5968 | | | |

F.B. 2877 P.G. 110

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Notes by: E. E. Brooks
Weather: Clear
Time: 10:45 - 11:10
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 103-7 To: BM 103-8
Date: 18 July 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 5.502 | 53.4143 | .124 | 2.819 | | 5.068 | 48.5968 | .151 | 2.825 | Summation of Run |
| | 5.378 | | .126 | | | 4.917 | | .149 | | From B.M. 103-7 |
| | 5.252 | | .250 | | | 4.768 | | .300 | | To B.M. 103-8 |
| | 16.132 | 5.3773 | | 3.119 | | 14.753 | 4.9177 | | 3.125 | |
| 12 | 5.520 | | .141 | | | 4.998 | | .149 | | Total Backsights = + 74.3022 |
| | 5.379 | | .140 | | | 4.849 | | .147 | | Total Foresights = − 67.9802 |
| | 5.239 | | .281 | | | 4.702 | | .296 | | Diff. Elev. = + 6.3220 |
| | 16.138 | 5.3793 | | 3.400 | | 14.549 | 4.8497 | | 3.421 | |
| 13 | 5.206 | | .143 | | | 4.839 | | .142 | | Backsight Stadia = 3.925 |
| | 5.063 | | .142 | | | 4.697 | | .145 | | Foresight Stadia = 3.928 |
| | 4.921 | | .285 | | | 4.552 | | .287 | | Total Stadia = 7.853 |
| | 15.190 | 5.0633 | | 3.285 | | 14.088 | 4.6960 | | 3.708 | ~~0.49~~ mi |
| 14 | 5.188 | | .120 | | | 5.030 | | .110 | | BM 103-8 0.50 |
| | 5.068 | | .120 | | #19 | 4.920 | | .110 | | Ave. E & 0.5 mi. W. |
| | 4.948 | | .240 | | | 4.810 | | .220 | | of 40th St. West |
| | 15.204 | 5.0680 | | 3.925 | 92° | 14.760 | 4.9200 | | 3.928 | See F.B. 2415-14 |
| | | 74.3022 | | | | | 67.9802 | | | |

F.B. 2872 P.G. 111

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: R. E. Brooks
Notes by: ESQUER
Weather: Clear
Time: 10:45 - 11:12
Inst. No. 15066
Rod No. 19 & 20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 103-8 To: BM 103-7
Date: 7-19-62
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3098 | | 117 | | #19 | 3241 | | 111 | | BM 103-8 |
| | 2981 | | 116 | | | 3130 | | 112 | | Ave. "F" & 0.5 mi. W. of |
| | 2865 | | 233 | | | 3018 | | 223 | | 40th St. West |
| | 8944 | 29813 | | 233 | 90° | 9389 | 31297 | | 223 | See F.B. 2415-14 |
| 2 | 2847 | | 145 | | | 3212 | | 144 | | |
| | 2702 | | 144 | | | 3068 | | 143 | | T Brooks |
| | 2558 | | 289 | | | 2925 | | 287 | | |
| | 8107 | 27023 | | 522 | | 9205 | 30683 | | 510 | |
| 3 | 2612 | | 150 | | | 3133 | | 141 | | |
| | 2462 | | 154 | | | 2992 | | 140 | | |
| | 2308 | | 304 | | | 2852 | | 281 | | |
| | 7382 | 24607 | | 826 | | 8977 | 29923 | | 791 | |
| F.B. 2877 P.G. 112 4 | 2720 | | 140 | | | 3180 | | 139 | | |
| | 2580 | | 140 | | | 3041 | | 140 | | |
| | 2440 | | 280 | | | 2901 | | 279 | | |
| | 7740 | 25800 | | 1106 | | 9122 | 30407 | | 1070 | |
| 5 | 2798 | | 136 | | | 3171 | | 150 | | |
| | 2662 | | 134 | | | 3021 | | 150 | | |
| | 2528 | | 270 | | | 2871 | | 300 | | |
| | 7988 | 26627 | | 1376 | | 9063 | 30210 | | 1370 | |
| | | 13.3870 | | | | | 15.2520 | | | |

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by ESQUER Time 10:45-11:12 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM103-8 To BM103-7
Date 9-19-62
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 2918 | 13.3870 | 133 | 1376 | | 3521 | 15.2520 | 150 | 1370 | |
| | 2785 | | 132 | | | 3371 | | 148 | | |
| | 2653 | | 265 | | | 3223 | | 298 | | |
| | 8356 | 27853 | | 1641 | | 10115 | 33717 | | 1668 | |
| [illegible] | 2941 | | 152 | | | 3402 | | 149 | | |
| | 2789 | | 149 | | | 3253 | | 148 | | |
| | 2640 | | 301 | | | 3105 | | 297 | | |
| | 8370 | 27900 | | 1942 | | 9760 | 32533 | 49 | 1965 | |
| 8 | 2760 | | 147 | | | 3075 | | 154 | | |
| | 2613 | | 144 | | | 2926 | | 148 | | |
| | 2469 | | 291 | | | 2778 | | 298 | | |
| | 7842 | 26140 | | 2233 | | 8779 | 29263 | | 2264 | |
| 9 | 3079 | | 161 | | | 3131 | | 149 | | |
| | 2918 | | 158 | | | 2982 | | 152 | | |
| | 2760 | | 319 | | | 2830 | | 301 | | |
| | 8757 | 29190 | | 2552 | | 8943 | 29810 | | 2565 | |
| 10 | 2670 | | 147 | | | 3325 | | 157 | | |
| | 2523 | | 143 | | | 3218 | | 157 | | |
| | 2380 | | 290 | | | 3061 | | 314 | | |
| | 7573 | 25243 | | 2842 | | 9654 | 32180 | | 2879 | |
| | | 27.0196 | | | | | 31.0023 | | | |

F.B. 2877 P.G. 113

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather clear Inst. No. 15066
Notes by ESQUER Time 10:45 - 11:12 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM103-8 To BM103-7
Date 7-19-62
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 2880 | 27.0196 | 152 | 2842 | | 3405 | 31.0023 | 145 | 2878 | Summation of Run |
| | 2728 | | 150 | | | 3260 | | 148 | | From B.M. 103-8 |
| | 2578 | | 302 | | | 3112 | | 293 | | To B.M. 103-7 |
| | 8186 | 27287 | | 3144 | | 9777 | 32590 | | 3172 | |
| 12 | 2960 | | 152 | | | 3270 | | 135 | | Total Backsights = + 38.1446 |
| | 2808 | | 152 | | | 3135 | | 135 | | Total Foresights = − 44.4613 |
| | 2656 | | 304 | | | 3000 | | 270 | | Diff. Elev. = − 6.3167 |
| | 8424 | 28080 | | 3448 | | 9405 | 31350 | | 3442 | |
| 13 | 2850 | | 146 | | | 3432 | | 144 | | Backsight stadia = 3950 |
| | 2704 | | 145 | | | 3288 | | 147 | | Foresight Stadia = 3982 |
| | 2559 | | 291 | | | 3141 | | 291 | | Total Stadia = 7932 |
| | 8113 | 27043 | | 3739 | | 9861 | 32870 | | 3733 | Dist = .50 mi. |
| 14 | 2990 | | 107 | | | 3903 | | 124 | | BM103-7 |
| | 2883 | | 104 | | | 3779 | | 127 | | Ave. F & 40th St. West |
| | 2779 | | 211 | | 90° | 3652 | | 251 | | |
| | 8652 | 28840 | | 3950 | | 11334 | 37780 | | 3984 | See F.B. 2415-13 |
| | | 38.1446 | | | | | 44.4613 | | | |

F.B. 2877 P.G. 114

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Notes by: F. E. Brooks
Weather: Clear
Time: 11:15 - 11:40
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 103-B To: BM 103-9A
Date: 18 July 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.539 | | .147 | | #19 | 4.841 | | .140 | | BM 103-B |
| | 5.392 | | .143 | | | 4.701 | | .140 | | Ave. F & 0.5 mi. W. of 40th |
| | 5.249 | | .290 | | | 4.561 | | .280 | | St. West |
| | 16.180 | 5.3933 | | 290 | 92° | 14.103 | 4.7010 | | 280 | see F.B. 2415-14 |
| 2 | 5.451 | | .147 | | | 5.015 | | .145 | | T Cook |
| | 5.304 | | .145 | | | 4.870 | | .143 | | |
| | 5.159 | | .292 | | | 4.727 | | .288 | | |
| | 15.914 | 5.3047 | | .582 | | 14.612 | 4.8707 | | .568 | |
| 3 | 5.501 | | .142 | | | 4.908 | | .143 | | |
| | 5.359 | | .143 | | | 4.765 | | .144 | | |
| | 5.216 | | .285 | | | 4.621 | | .287 | | |
| | 16.076 | 5.3587 | | 867 | | 14.294 | 4.7647 | | .855 | |
| 4 | 5.189 | | .147 | | | 4.620 | | .147 | | |
| | 5.042 | | .143 | | | 4.473 | | .143 | | |
| | 4.899 | | .290 | | | 4.330 | | .290 | | |
| | 15.130 | 5.0433 | | 1.157 | | 13.423 | 4.4743 | | 1.145 | |
| 5 | 5.401 | | .147 | | | 5.003 | | .145 | | |
| | 5.254 | | .146 | | | 4.858 | | .147 | | |
| | 5.108 | | .293 | | | 4.711 | | .292 | | |
| | 15.763 | 5.2543 | | 1.450 | | 14.572 | 4.8573 | | 1.437 | |
| | | 26.3543 | | | | | 23.6680 | | | |

F.B. 2877 P.G. 115

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE.

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 11:15 - 11:40 Rod No. 19-20

Name L.A. Co. Precise Level NH
Job No. 0301.02
From BM 103-8 To BM 103-9A
Date 18 July 1962
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 5.505 | 26.3543 | .145 | 1.450 | | 4.907 | 23.6680 | .145 | 1.437 | |
| | 5.360 | | .145 | | | 4.762 | | .142 | | |
| | 5.215 | | .290 | | | 4.620 | | .287 | | |
| | 16.080 | 5.3600 | | 1.740 | | 14.289 | 4.7630 | | 1.724 | |
| 7 | 5.263 | | .143 | | | 4.900 | | .147 | | |
| | 5.120 | | .142 | | | 4.753 | | .145 | | |
| | 4.978 | | .285 | | | 4.608 | | .292 | | |
| | 15.361 | 5.1203 | | 2.025 | | 14.261 | 4.7537 | | 2.016 | |
| 8 | 5.184 | | .144 | | | 5.028 | | .144 | | |
| | 5.040 | | .146 | | | 4.884 | | .143 | | |
| | 4.894 | | .290 | | | 4.741 | | .287 | | |
| | 15.118 | 5.0393 | | 2.315 | | 14.653 | 4.8843 | | 2.303 | |
| 9 | 5.220 | | .147 | | | 4.801 | | .144 | | |
| | 5.073 | | .145 | | | 4.657 | | .146 | | |
| | 4.928 | | .292 | | | 4.511 | | .290 | | |
| | 15.221 | 5.0737 | | 2.607 | | 13.969 | 4.6563 | | 2.593 | |
| 10 | 5.258 | | .148 | | | 4.899 | | .140 | | |
| | 5.110 | | .148 | | | 4.759 | | .140 | | |
| | 4.962 | | .296 | | | 4.619 | | .280 | | |
| | 15.330 | 5.1100 | | 2.903 | | 14.277 | 4.7590 | | 2.873 | |
| | | 52.0576 | | | | | 47.4843 | | | |

F.B. 2877 P.G. 116

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks
Notes by F. E. Brooks
Weather Clear
Time 11:15 - 11:40
Inst. No. 15066
Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 103-B To BM 103-9A
Date 18 Jul 1962
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 5.423 | 52.0596 | .142 | 2.903 | | 4.825 | 47.4843 | .145 | 2.873 | Summation of Run |
| | 5.281 | | .142 | | | 4.680 | | .143 | | From B.M. 103-B |
| | 5.139 | | .284 | | | 4.537 | | .288 | | To B.M. 103-9A |
| | 15.843 | 5.2810 | | 3.187 | | 14.042 | 4.6807 | | 3.161 | |
| 12 | 5.251 | | .144 | | | 4.818 | | .144 | | Total Backsights = + 72.7230 |
| | 5.107 | | .145 | | | 4.674 | | .142 | | Total Foresights = − 66.5957 |
| | 4.962 | | .289 | | | 4.532 | | .286 | | Diff. Elev. = + 6.1273 |
| | 15.320 | 5.1067 | | 3.476 | | 14.024 | 4.6747 | | 3.447 | |
| 13 | 5.322 | | .143 | | | 4.707 | | .145 | | Backsight stadia = 4.055 |
| | 5.179 | | .143 | | | 4.562 | | .147 | | Foresight Stadia = 4.025 |
| | 6.036 | | .286 | | | 4.419 | | .288 | | Total Stadia = 8.080 |
| | 15.537 | 5.1790 | | 3.762 | | 13.688 | 4.5627 | | 3.735 | 0.51 mi. |
| 14 | 6.245 | | .146 | | #19 | 6.339 | | .147 | | BM 103-9A |
| | 6.099 | | .147 | | | 5.192 | | .143 | | Ave. F & 50th St. West |
| | 4.952 | | .293 | | | 5.049 | | .290 | | |
| | 15.296 | 5.0987 | | 4.055 | 92° | 15.580 | 5.1933 | | 4.025 | F.B. 2877-47 |
| | | 72.7230 | | | | | 66.5957 | | | |

F.B. 2877 P.G. 117

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather clear Inst. No. 15066
Notes by ESQUER Time 10:15 - 10:40 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 03.01.02
From BM 103-9A To BM 103-8
Date 7-19-62
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5712 | | 143 | | #19 | 5621 | | 143 | | BM 103-9A |
| | 5569 | | 147 | | | 5478 | | 147 | | Ave F & 53-th St West |
| | 5422 | | 290 | | 92° | 5331 | | 290 | | |
| | 16703 | 55677 | | 290 | | 16430 | 54767 | | 290 | See F.B. 2877-47 |
| 2 | 4889 | | 146 | | | 5502 | | 142 | | |
| | 4743 | | 144 | | | 5360 | | 141 | | A Cook |
| | 4599 | | 290 | | | 5219 | | 283 | | |
| | 14231 | 47437 | | 580 | | 16081 | 53603 | | 573 | |
| 3 | 4838 | | 146 | | | 5268 | | 146 | | |
| | 4692 | | 143 | | | 5122 | | 142 | | |
| | 4549 | | 289 | | | 4980 | | 288 | | |
| | 14079 | 46930 | | 869 | | 15370 | 51233 | | 861 | |
| F.B. 2877 P.G. 118 4 | 4541 | | 145 | | | 5139 | | 141 | | |
| | 4396 | | 146 | | | 4998 | | 144 | | |
| | 4250 | | 291 | | | 4854 | | 285 | | |
| | 13187 | 43957 | | 1160 | | 14991 | 49970 | | 1146 | |
| 5 | 4848 | | 141 | | | 5202 | | 144 | | |
| | 4707 | | 141 | | | 5058 | | 148 | | |
| | 4566 | | 282 | | | 4910 | | 292 | | |
| | 14121 | 47070 | | 1442 | | 15170 | 50567 | | 1438 | |
| | | 24.1071 | | | | | 26.0140 | | | |

76P526-CE 379--10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by ESQUER Time 10:15-10:40 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 103-9A To BM 103-8
Date 7-19-62
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 4800 | 24.1071 | 148 | 1442 | | 5217 | 26.0140 | 146 | 1438 | |
| | 4652 | | 144 | | | 5071 | | 143 | | |
| | 4508 | | 292 | | | 4928 | | 289 | | |
| | 13960 | 46533 | | 1734 | | 15216 | 50720 | | 1727 | |
| 7 | 4989 | | 142 | | | 5143 | | 143 | | |
| | 4847 | | 145 | | | 5000 | | 140 | | |
| | 4702 | | 287 | | | 4860 | | 283 | | |
| | 14538 | 48460 | | 2021 | | 15003 | 50.010 | | 2010 | |
| 8 | 4916 | | 148 | | | 5280 | | 143 | | |
| | 4768 | | 146 | | | 5137 | | 146 | | |
| | 4622 | | 294 | | | 4991 | | 289 | | |
| | 14306 | 47687 | | 2315 | | 15408 | 51360 | | 2299 | |
| 9 | 5050 | | 143 | | | 5650 | | 147 | | |
| | 4907 | | 143 | | | 5503 | | 143 | | |
| | 4764 | | 286 | | | 5360 | | 290 | | |
| | 14721 | 49070 | | 2601 | | 16513 | 55043 | | 2589 | |
| 10 | 5208 | | 146 | | | 5605 | | 145 | | |
| | 5062 | | 147 | | | 5460 | | 149 | | |
| | 4915 | | 293 | | | 5311 | | 294 | | |
| | 15185 | 50617 | | 2894 | | 16376 | 54587 | | 2883 | |
| | | 48.3438 | | | | | 52.1860 | | | |

F.B. 28772 P.G. 16

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather clear Inst. No. 15066
Notes by ESQUER Time 10:15-10:40 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 103-9A To BM 103-8
Date 7-19-62
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 4831 | 48.3438 | 143 | 2894 | | 5399 | 52.1860 | 144 | 2883 | Summation of Run |
| | 4688 | | 147 | | | 5255 | | 144 | | From B.M. 103-9A |
| | 4541 | | 290 | | | 5111 | | 288 | | To B.M. 103-8 |
| | 14060 | 46867 | | 3184 | | 15765 | 52550 | | 3171 | |
| 12 | 5105 | | 145 | | | 5698 | | 143 | | Total Backsights = + 67.6098 |
| | 4960 | | 144 | | | 5555 | | 144 | | Total Foresights = − 73.7404 |
| | 4816 | | 289 | | | 5411 | | 287 | | Diff. Elev. = − 6.1306 |
| | 14881 | 49603 | | 3473 | | 16664 | 55547 | | 3458 | |
| 13 | 4972 | | 145 | | | 5407 | | 145 | | Backsight stadia = 4.037 |
| | 4827 | | 147 | | | 5262 | | 145 | | Foresight Stadia = 4.042 |
| | 4680 | | 292 | | | 5117 | | 290 | | Total Stadia = 8.079 .0121 |
| | 14479 | 48263 | | 3765 | | 15786 | 52620 | | 3748 | 0.51 mi. |
| 14 | 4929 | | 137 | | | 5630 | | 148 | | BM 103-8 |
| | 4792 | | 135 | | | 5482 | | 146 | | Ave. F & 0.5 mi. W. of 40th St. West |
| | 4657 | | 272 | | | 5336 | | 294 | | |
| | 14378 | 47927 | | 4037 | 90° | 16448 | 54827 | | 4042 | See F.B. 2415-14 |
| | | 67.6098 | | | | | 73.7404 | | | |

F.B. 2877 P.G. 120

76P526-CE 379--10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 11:45 - 1:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 103-9A To BM 103-10
Date 18 July 1962
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.039 | | .080 | | | 4.510 | | .083 | | BM 103-9A |
| | 4.959 | | .080 | | | 4.427 | | .081 | | Ave. F & 50th St. W. |
| | 4.879 | | .160 | | | 4.346 | | .164 | | |
| | 14.877 | 4.9590 | | .160 | 92° | 13.283 | 4.4277 | | .164 | See F.B. 2877-47 |
| 2 | 5.082 | | .143 | | | 4.668 | | .146 | | |
| | 4.939 | | .141 | | | 4.522 | | .143 | | T Maldonado |
| | 4.798 | | .284 | | | 4.379 | | .289 | | |
| | 14.819 | 4.9397 | | .444 | | 13.569 | 4.5230 | | .453 | |
| 3 | 5.198 | | .146 | | | 4.713 | | .141 | | |
| | 5.052 | | .144 | | | 4.572 | | .140 | | |
| | 4.908 | | .290 | | | 4.432 | | .281 | | |
| | 15.158 | 5.0527 | | .734 | | 13.717 | 4.5723 | | .734 | |
| 4 | 5.302 | | .142 | | | 4.968 | | .145 | | |
| | 5.160 | | .142 | | | 4.823 | | .143 | | |
| | 5.018 | | .284 | | | 4.680 | | .288 | | |
| | 15.480 | 5.1600 | | 1.018 | | 14.471 | 4.8237 | | 1.022 | |
| 5 | 5.192 | | .144 | | | 4.671 | | .143 | | |
| | 5.048 | | .146 | | | 4.528 | | .145 | | |
| | 4.902 | | .290 | | | 4.383 | | .288 | | |
| | 15.142 | 5.0473 | | 1.308 | | 13.582 | 4.5273 | | 1.310 | |
| | | 25.1587 | | | | | 22.8740 | | | |

F.B. 2577 P.G. 121

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 11:45 - 1:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 103-9A To BM 103-10
Date 18 July 1962
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 5.463 | 25.1587 | .144 | 1.308 | | 4.941 | 22.8740 | .142 | 1.310 | |
| | 5.319 | | .141 | | | 4.799 | | .141 | | |
| | 5.178 | | .285 | | | 4.658 | | .283 | | |
| | 15.910 | 5.3200 | | 1.593 | | 14.398 | 4.7993 | | 1.593 | |
| 7 | 5.512 | | .142 | | | 4.973 | | .137 | | |
| | 5.370 | | .141 | | | 4.836 | | .140 | | |
| | 5.229 | | .283 | | | 4.696 | | .277 | | |
| | 16.111 | 5.3703 | | 1.876 | | 14.505 | 4.8350 | | 1.870 | |
| 8 | 5.251 | | .143 | | | 4.963 | | .143 | | 1 hr. for lunch |
| | 5.108 | | .145 | | | 4.820 | | .141 | | |
| | 4.963 | | .288 | | | 4.679 | | .284 | | |
| | 15.322 | 5.1073 | | 2.164 | 92° | 14.462 | 4.8207 | | 2.154 | |
| 9 | 5.163 | | .143 | | | 4.988 | | .142 | | |
| | 5.020 | | .143 | | | 4.846 | | .143 | | |
| | 4.877 | | .286 | | | 4.703 | | .285 | | |
| | 15.060 | 5.0200 | | 2.450 | 92° | 14.537 | 4.8457 | | 2.439 | |
| 10 | 3.560 | | .142 | | | 3.193 | | .143 | | |
| | 3.418 | | .146 | | | 3.050 | | .142 | | |
| | 3.272 | | .288 | | | 2.908 | | .285 | | |
| | 10.250 | 3.4167 | | 1.738 | | 9.151 | 3.0503 | | 2.724 | |
| | | 49.3930 | | | | | 45.2250 | | | |

F.B. 2877 P.G. 122

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 11:45 - 1:20 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 103-9A To BM 103-10
Date 18 JUN 1962
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 3.651 | 49.3930 | .158 | 2.738 | | 2.937 | 45.2250 | .135 | 2.724 | |
| | 3.493 | | .154 | | | 2.802 | | .132 | | Summation of Run |
| | 3.339 | | .312 | | | 2.670 | | .267 | | From B.M. 103-9A |
| | 10.483 | 3.4943 | | 3.050 | | 8.409 | 2.8030 | | 2.991 | To B.M. 103-10 |
| 12 | 3.727 | | .137 | | | 3.048 | | .156 | | |
| | 3.590 | | .137 | | | 2.892 | | .153 | | Total Backsights = + 63.7279 |
| | 3.453 | | .274 | | | 2.739 | | .309 | | Total Foresights = − 57.3576 |
| | 10.770 | 3.5900 | | 3.324 | | 8.679 | 2.8930 | | 3.300 | Diff. Elev. = + 6.3703 |
| 13 | 3.806 | | .146 | | | 3.189 | | .142 | | Backsight stadia = 3.878 |
| | 3.660 | | .142 | | | 3.047 | | .144 | | Foresight Stadia = 3.857 |
| | 3.518 | | .288 | | | 2.903 | | .286 | | Total Stadia = 7.735 |
| | 10.984 | 3.6613 | | 3.612 | | 9.139 | 3.0463 | | 3.586 | 0.49 mi. |
| 14 | 3.923 | | .135 | | #19 | 3.526 | | .136 | | BM 103-10 |
| | 3.588 | | .131 | | | 3.390 | | .135 | | Ave. F & 55th St. West |
| | 3.457 | | .266 | | | 3.255 | | .271 | | |
| | 10.968 | 3.5893 | | 3.878 | 94° | 10.171 | 3.3903 | | 3.857 | See F.B. 2415-16 |
| | | 63.7279 | | | | | 57.3576 | | | |

F.B. 2877 PG. 123

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks  Weather: Clear  Inst. No. 15066
Notes by: ESQUER  Time: 9:40 - 10:10  Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 03 01. 02
From: BM 103-10  To: BM 103-9A
Date: 7-19-62
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4743 | | 133 | | #19 | 4942 | | 134 | | BM 103 - 10 |
| | 4610 | | 137 | | | 4808 | | 136 | | Ave. F & 55th St. West |
| | 4473 | | 270 | | | 4672 | | 270 | | |
| | 13826 | 46087 | | 270 | 86° | 14422 | 48073 | | 270 | See F.B. 2415 - 16 |
| 2 | 4652 | | 140 | | | 5268 | | 141 | | |
| | 4512 | | 140 | | | 5127 | | 145 | | T. Maldonado |
| | 4372 | | 280 | | | 4982 | | 286 | | |
| | 13536 | 45120 | | 550 | | 15377 | 51257 | | 556 | |
| 3 | 4559 | | 138 | | | 5270 | | 149 | | |
| | 4421 | | 134 | | | 5121 | | 150 | | |
| | 4287 | | 272 | | | 4971 | | 299 | | |
| | 13267 | 44223 | | 822 | | 15362 | 51207 | | 855 | |
| 4 | 4360 | | 132 | | | 5073 | | 153 | | |
| | 4228 | | 129 | | | 4920 | | 152 | | |
| | 4099 | | 261 | | | 4768 | | 305 | | |
| | 12687 | 42290 | | 1083 | | 14761 | 49203 | | 1160 | |
| 5 | 4803 | | 160 | | | 5136 | | 125 | | |
| | 4643 | | 160 | | | 5011 | | 121 | | |
| | 4483 | | 320 | | | 4890 | | 246 | | |
| | 13929 | 46430 | | 1408 | | 15037 | 50123 | | 1406 | |
| | | 22.4150 | | | | | 249868 | | | |

F.B. 2877 P.G. 124

76P526-CE 379---10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks
Weather: Clear
Inst. No.: 15066
Notes by: ESQUER
Time: 9:40 - 10:10
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 103-10 To: BM 103-94
Date: 7-19-62
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 4646 | 22.4150 | 143 | 1408 | | 4822 | 24.9866 | 143 | 1406 | |
| | 4503 | | 140 | | | 4679 | | 142 | | |
| | 4363 | | 283 | | | 4537 | | 295 | | |
| | 13512 | 45040 | | 1691 | | 14038 | 46793 | | 1701 | |
| 7 | 4668 | | 142 | | | 4955 | | 144 | | |
| | 4526 | | 144 | | | 4811 | | 141 | | |
| | 4382 | | 286 | | | 4670 | | 285 | | |
| | 13576 | 45253 | | 1977 | | 14436 | 48120 | | 1986 | |
| 8 | 4563 | | 140 | | | 5102 | | 143 | | |
| | 4423 | | 140 | | | 4959 | | 141 | | |
| | 4283 | | 280 | | | 4818 | | 284 | | |
| | 13269 | 44230 | | 2257 | | 14879 | 49597 | | 2270 | |
| 9 | 4646 | | 144 | | | 5168 | | 146 | | |
| | 4502 | | 142 | | | 5022 | | 143 | | |
| | 4360 | | 286 | | | 4879 | | 289 | | |
| | 13508 | 45027 | | 2543 | | 15069 | 50230 | | 2559 | |
| 10 | 4450 | | 146 | | | 4969 | | 146 | | |
| | 4304 | | 145 | | | 4823 | | 144 | | |
| | 4159 | | 291 | | | 4679 | | 290 | | |
| | 12913 | 43043 | | 2834 | | 14471 | 48237 | | 2849 | |
| | | 44.6743 | | | | | 49.2843 | | | |

F.B. 2877 P.G. 125

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by ESQUER Time 9:40 – 10:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 103-10 To BM 103-9A
Date 2-19-62
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 4719 | 44.6743 | 142 | 2834 29 | | 5114 | 49.2843 | 143 | 2849 | Summation of Run |
| | 4637 | | 144 | | | 4971 | | 142 | | From B.M. 103-10 |
| | 4493 | | 286 | 15 | | 4829 | | 285 | | To B.M. 103-9A |
| | 13909 | 46363 | | 3120 | | 14914 | 49713 | | 3134 | |
| 12 | 4493 | | 142 | | | 4974 | | 144 | | Total Backsights = + 63.0722 |
| | 4351 | | 141 | | | 4830 | | 141 | | Total Foresights = – 69.4469 |
| | 4210 | | 283 | 398 | | 4689 | | 285 | | Diff. Elev. = – 6.3747 |
| | 13054 | 43513 | | 3403 | | 14493 | 48310 | | 3419 | |
| 13 | 4750 | | 143 | | | 5168 | | 147 | | Backsight stadia = 3.8578 |
| | 4607 | | 145 | | | 5021 | | 143 | | Foresight Stadia = 3.8712 |
| | 4462 | | 288 | 86 | | 4878 | | 290 | | Total Stadia = 7.7290 |
| | 13819 | 46063 | | 3691 | | 15067 | 50223 | | 3709 | 0.49 mi. |
| 14 | 4887 | | 084 | | | 5419 | | 081 | | BM 103-9A |
| | 4803 | | 081 | | | 5338 | | 081 | | Ave. E & 50th St. West |
| | 4722 | | 165 | | 92° | 5257 | | 162 | | |
| | 14412 | 48040 | | 3858 | | 16014 | 53380 | | 3871 | See F.B. 2877-47. |
| | | 63.0722 | | | | | 69.4469 | | | |

F.B. 2877 P.G. 126

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 15066
Notes by J. M. Maldonado Time 10:10-10:45 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM103-10 To BM103-11
Date 20 July 1962
Indexed B. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.725 | | 105 | | #19 | 2.965 | | 107 | | BM103-10 N.W. of |
| | 3.620 | | 109 | | | 2.858 | | 109 | | Lancaster @ Ave "F" & |
| | 3.511 | | 214 | | | 2.749 | | 216 | | 55th St West. |
| | 10.856 | 3.6187 | | .214 | 90° | 8.572 | 2.8573 | | .216 | 2415-16 |
| 2 | 3.606 | | 146 | | | 2.902 | | 143 | | |
| | 3.459 | | 148 | | | 2.759 | | 145 | | T Brooks |
| | 3.311 | | 294 | | | 2.614 | | 288 | | |
| | 10.376 | 3.4587 | | .508 | | 8.275 | 2.7583 | | .504 | |
| 3 | 3.609 | | 146 | | | 2.870 | | 142 | | |
| | 3.463 | | 143 | | | 2.728 | | 144 | | |
| | 3.320 | | 289 | | | 2.584 | | 286 | | |
| | 10.392 | 3.4640 | | .797 | | 8.182 | 2.7273 | | .790 | |
| 4 | 3.669 | | 148 | | | 3.310 | | 140 | | |
| | 3.521 | | 148 | | | 3.170 | | 140 | | |
| | 3.373 | | 296 | | | 3.030 | | 280 | | |
| | 10.563 | 3.5210 | | 1.093 | | 9.510 | 3.1700 | | 1.070 | |
| 5 | 3.596 | | 148 | | | 3.288 | | 140 | | |
| | 3.448 | | 148 | | | 3.148 | | 140 | | |
| | 3.300 | | 296 | | | 3.008 | | 280 | | |
| | 10.344 | 3.4480 | | 1.389 | | 9.444 | 3.1480 | | 1.350 | |
| | | 17.5104 | | | | | 14.6609 | | | |

F.B. 2877 P.G. 127

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 15066
Notes by J.M. Maldonado Time 10:10 to 10:45 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 103-10 To BM 103-11
Date 20 July 1962
Indexed B. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 3.348 | 17.5104 | 140 | 1.389 | | 2.862 | 14.6609 | 151 | 1.350 | |
| | 3.208 | | 138 | | | 2.711 | | 149 | | |
| | 3.069 | | 278 | | | 2.562 | | 300 | | |
| | 9.625 | 3.2083 | | 1.667 | | 8.135 | 2.7117 | | 1.650 | |
| 7 | 3.678 | | 145 | | | 3.110 | | 145 | | |
| | 3.533 | | 143 | | | 2.965 | | 144 | | |
| | 3.390 | | 288 | | | 2.821 | | 289 | | |
| | 10.601 | 3.5337 | | 1.955 | | 8.896 | 2.9653 | | 1.939 | |
| 8 | 3.471 | | 143 | | | 3.060 | | 145 | | |
| | 3.328 | | 145 | | | 2.915 | | 145 | | |
| | 3.183 | | 288 | | | 2.770 | | 290 | | |
| | 9.982 | 3.3273 | | 2.243 | | 8.745 | 2.9150 | | 2.229 | |
| 9 | 3.710 | | 140 | | | 3.103 | | 141 | | |
| | 3.570 | | 140 | | | 2.962 | | 140 | | |
| | 3.430 | | 280 | | | 2.822 | | 281 | | |
| | 10.710 | 3.5700 | | 2.523 | | 8.887 | 2.9623 | | 2.510 | |
| 10 | 3.562 | | 141 | | | 2.897 | | 145 | | |
| | 3.421 | | 142 | | | 2.752 | | 142 | | |
| | 3.279 | | 283 | | | 2.610 | | 287 | | |
| | 10.262 | 3.4207 | | 2.806 | | 8.259 | 2.7530 | | 2.797 | |
| | | 34.5704 | | | | | 28.9682 | | | |

F.B. 2877 P.G. 128

76P526-CE 879—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by J. M. Maldonado Time 10:10 to 10:45 Rod No. 196.20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 103-10 To BM 103-11
Date 20 July 1962
Indexed E. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 3.294 | 34.5704 | 146 | 2.806 | | 3.168 | 28.9682 | 145 | 2.797 | |
| | 3.148 | | 146 | | | 3.023 | | 143 | | Summation of Run |
| | 3.002 | | 292 | | | 2.880 | | 288 | | From B.M. 103-10 |
| | 9.444 | 3.1480 | | 3.098 | | 19.071 | 3.0237 | | 3.085 | To B.M. 103-11 |
| 12 | 3.571 | | 141 | | | 2.979 | | 148 | | |
| | 3.430 | | 141 | | | 2.831 | | 148 | | Total Backsights = + 49.0184 |
| | 3.289 | | 282 | | | 2.683 | | 296 | | Total Foresights = − 41.4906 |
| | 10.290 | 3.4300 | | 3.380 | | 8.493 | 2.8310 | | 3.381 | Diff. Elev. = + 7.5278 |
| 13 | 3.360 | | 146 | | | 2.908 | | 146 | | Backsight Stadia = 3.959 |
| | 3.214 | | 144 | | | 2.762 | | 144 | | Foresight Stadia = 3.961 |
| | 3.070 | | 290 | | | 2.618 | | 290 | | Total Stadia = 7.920 |
| | 9.644 | 3.2147 | | 3.670 | | 8.288 | 2.7627 | | 3.671 | 0.50 mi. |
| 14 | 4.800 | | 145 | | | 4.050 | | 145 | | BM 103-11, N/W at Lancaster |
| | 4.655 | | 144 | | | 3.905 | | 145 | | @ Ave "F" & 60th St. West |
| | 4.511 | | 289 | | | 3.760 | | 290 | | FB 2415-17 |
| | 13.966 | 4.6553 | | 3.959 | 92° | 11.715 | 3.9050 | | 3.961 | |
| | | 49.0184 | | | | | 41.4906 | | | |

F.B. 2415 P.G. 129

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear & Hot Inst. No. 15066
Notes by Cook Time 11:15 To 11:50 Rod No. 19820

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 103-11 To BM 103-10
Date 7-23-62
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 4343 | | 145 | | F19 | 5096 | | 146 | | BM 103-11, NW of Lancaster |
| 1 | 4198 | | 147 | | | 4950 | | 147 | | @ Ave "F" & 60th St West |
| | 4051 | | | | | 4803 | | | | |
| | 12592 | 41973 | 292 | 292 | 98° | 14849 | 49497 | 293 | 293 | FB 2915-17 |
| | 4340 | | 148 | | | 4795 | | 149 | | |
| 2 | 4192 | | 147 | | | 4646 | | 149 | | T Brooks |
| | 4045 | | | | | 4499 | | | | |
| | 12577 | 41923 | 295 | 587 | | 13940 | 46467 | 296 | 588 | |
| | 4120 | | 150 | | | 4418 | | 149 | | |
| 3 | 3970 | | 150 | | | 4570 | | 147 | | |
| | 3820 | | | | | 4423 | | | | |
| | 11910 | 39700 | 300 | 887 | | 13712 | 45707 | 296 | 883 | |
| | 4489 | | 149 | | | 4609 | | 146 | | |
| 4 | 4340 | | 150 | | | 4463 | | 143 | | |
| | 4190 | | | | | 4320 | | | | |
| | 13019 | 43397 | 299 | 1186 | | 13392 | 44640 | 289 | 1172 | |
| | 4243 | | 143 | | | 4912 | | 145 | | |
| 5 | 4100 | | 147 | | | 4767 | | 147 | | |
| | 3953 | | | | | 4620 | | | | |
| | 12296 | 40987 | 290 | 1476 | | 14299 | 47667 | 292 | 1464 | |
| | | 207980 | | | | | 233973 | | | |

F.B. 2877 P.G. 130

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear & Hot Inst. No. 15866
Notes by CSOR Time 11:15 TO 11:50 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 030102
From BM 103-11 To BM 103-10
Date 7-23-62
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 4499 | 20,7980 | 139 | 1476 | | 5117 | 23,3978 | 147 | 1468 | |
| 6 | 4360 | | 142 | | | 4970 | | 150 | | |
| | 4218 | | | | | 4820 | | | | |
| | 13,077 | 4,3590 | 281 | 1757 | | 14907 | 4,9690 | 297 | 1763 | |
| | 3940 | | 151 | | | 4348 | | 145 | | |
| 7 | 3789 | | 147 | | | 4203 | | 143 | | |
| | 3642 | | | | | 4060 | | | | |
| | 11,371 | 3,7903 | 298 | 2055 | | 12611 | 4,2037 | 288 | 2051 | |
| | 4265 | | 148 | | | 4830 | | 143 | | |
| 8 | 4118 | | 148 | | | 4687 | | 145 | | |
| | 3970 | | | | | 4542 | | | | |
| | 12,353 | 4,1177 | 296 | 2348 | | 14059 | 4,6863 | 288 | 2339 | |
| | 3919 | | 148 | | | 4412 | | 145 | | |
| 9 | 3771 | | 147 | | | 4267 | | 147 | | |
| | 3624 | | | | | 4120 | | | | |
| | 11,314 | 3,7713 | 295 | 2644 | | 12799 | 4,2663 | 292 | 2631 | |
| | 4451 | | 142 | | | 4759 | | 152 | | |
| 10 | 4309 | | 141 | | | 4607 | | 149 | | |
| | 4168 | | | | | 4458 | | | | |
| | 12,928 | 4,3093 | 283 | 2927 | | 13824 | 4,6080 | 301 | 2932 | |
| | | 41,1456 | | | | | 46,138 | | | |

F.B. 26177 P.G. 131

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear & Hot Inst. No. 15066
Notes by Cook Time 11:15 TO 11:50 Rod No. 19420

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 103-11 To BM 103-10
Date 7-23-62
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 4530 | 41.456 | 143 | 292~~7~~8 | | 4890 | 46.13~~7~~07 | 150 | 293~~2~~2 | Summation of Run |
| | 4387 | | 145 | | | 4740 | | 150 | | From B.M. 103-11 |
| | 4242 | | | | | 4590 | | | | To B.M. 103-10 |
| | 13.159 | 4.3863 | 288 | 321~~5~~6 | | 14220 | 4.7400 | 300 | 323~~0~~2 | |
| 12 | 3866 | | 143 | | | 4608 | | 148 | | Total Backsights = + 57.508~~5~~0 |
| | 3723 | | 143 | | | 4460 | | 148 | | Total Foresights = − 65.0~~371~~467 |
| | 3580 | | | | | 4312 | | | | Diff. Elev. = − 7.5~~286~~387 |
| | 11.169 | 3.723~~3~~0 | 286 | 350~~1~~2 | | 13380 | 4.4600 | 296 | 352~~6~~8 | |
| 13 | 4394 | | 148 | | | 5094 | | 147 | | Backsight stadia = 402~~5~~6 |
| | 4246 | | 146 | | | 4947 | | 147 | | Foresight Stadia = 402~~2~~4 |
| | 4100 | | | | | 4800 | | | | Total Stadia = 80~~47~~50 |
| | 12740 | 4.2470 | 294 | 379~~5~~6 | | 14841 | 4.9~~3~~470 | 294 | 382~~0~~2 | 0.51 Mi. |
| 14 | 4121 | | 114 | | | 4870 | | 101 | | BM 103-10, NW of |
| | 4007 | | 116 | | | 4769 | | 101 | | Lancaster @ Ave "F" & |
| | 3891 | | | | | 4668 | | | | 55th ST West. |
| | 12,019 | 4.0063 | 230 | 402~~5~~6 | 100° | 14307 | 4.7690 | 202 | 402~~2~~4 | FB 2415-16 |
| | | 57.508~~5~~0 | | | | | 65.0~~371~~467 | | | |

F.B. 2077 P.G. 132

✓ [illegible]

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 15066
Notes by J. M. Maldonado Time 10:50 to 11:30 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 103-11 To BM 103-12A
Date 7-26-62
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.031 | | 093 | | #19 | 4.152 | | 111 | | BM 103-11, |
| | 4.938 | | 091 | | | 4.042 | | 112 | | N.W. of Lancaster @ Ave "F" |
| | 4.847 | | 184 | | | 3.930 | | 223 | | & 60th St West |
| | 14.816 | 4.9387 | | 184 | 92° | 12.125 | 4.0417 | | 223 | FB 2415-17 |
| 2 | 4.736 | | 150 | | | 4.617 | | 148 | | |
| | 4.586 | | 148 | | | 4.469 | | 149 | | T Cook |
| | 4.438 | | 298 | | | 4.320 | | 297 | | |
| | 13.760 | 4.5867 | | 482 | | 13.406 | 4.4687 | 49 | 520 | |
| 3 | 4.767 | | 151 | | | 4.628 | | 15~~1~~ | | |
| | 4.616 | | 148 | | | 4.479 | | 150 | | |
| | 4.468 | | 299 | | | 4.329 | | ~~301~~ 299 | 19 | |
| | 13.851 | 4.6170 | | .781 | | 13.436 | 4.4787 | | 8~~21~~ | |
| 4 | 4.682 | | 163 | | | 4.481 | | 133 | | |
| | 4.519 | | 163 | | | 4.348 | | 137 | | |
| | 4.356 | | 326 | | | 4.211 | | 270 | 89 | |
| | 13.557 | 4.5190 | | 10 ~~1087~~ | | 13.040 | 4.3467 | | 1.0~~94~~ | |
| 5 | 4.451 | | 148 | | | 4.692 | | 149 | | |
| | 4.303 | | 150 | | | 4.543 | | 147 | | |
| | 4.153 | | 298 | | | 4.396 | | 296 | 5 | |
| | 12.907 | 4.3023 | | 40 ~~1385~~ | | 13.631 | 4.5437 | | 1.38~~7~~ | |
| | | 22.9637 | | | | | 21.8795 | | | |

F.B. 2077 P.G. 133

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by J.M. Maldonado Time 10:50 To 11:30 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 103-11 To BM 103-12 F
Date 20 July - 62
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 3.680 | 22.9637 | 150 | 1.585 (40) | | 3.708 | 21.8795 | 147 | 1.387 | |
| | 3.530 | | 150 | | | 3.561 | | 150 | | |
| | 3.380 | | 300 | | | 3.411 | | 297 | | |
| | 10.590 | 35300 | | 1.685 (70) | | 10.680 | 3.5600 | | 1.684 (2) | |
| 7 | 3.452 | | 150 | | | 3.714 | | 149 | | |
| | 3.302 | | 150 | | | 3.565 | | 148 | | |
| | 3.152 | | 300 | 1.985 (200) | | 3.417 | | 297 | | |
| | 9.906 | 3.3020 | | | | 10.696 | 3.5653 | | 1.984 (79) | |
| 8 | 3.388 | | 150 | | | 4.407 | | 149 | | |
| | 3.238 | | 150 | | | 4.258 | | 150 | | |
| | 3.088 | | 300 | 2.285 (30) | | 4.108 | | 299 | | |
| | 9.714 | 32380 | | | | 12.773 | 4.2577 | | 2.280 (78) | |
| 9 | 6.011 | | 144 | | | 5.396 | | 150 | | |
| | 5.867 | | 147 | | | 5.246 | | 148 | | |
| | 5.720 | | 291 | 2.576 (9) | | 5.098 | | 298 | | |
| | 17.598 | 58660 | | | | 15.740 | 5.2467 | | 2.578 (6) | |
| 10 | 4.678 | | 150 | | | 5.010 | | 150 | | |
| | 4.528 | | 150 | | | 4.860 | | 150 | | |
| | 4.378 | | 300 | 2.876 (9) | | 4.710 | | 300 | | |
| | 13.584 | 45280 | | | | 14.580 | 4.8600 | | 2.878 (6) | |
| | | 43.4277 | | | | | 43.3692 | | | |

F.B. 2877 P.G. 134

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No.
Notes by J. M. Maldonado Time 10:50 to 11:30 Rod No.

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 103-11 To BM 103-12A
Date 7-20-62
Indexed G. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 4.983 | 43.4277 | 142 | 2.876 | | 5.210 | 43.3692 | 152 | 2.876 | |
| | 4841 | | 143 | | | 5.058 | | 156 | | Summation of Run |
| | 4.699 | | 285 | | | 4.902 | | 308 | | From B.M. 103-11 |
| | 14.523 | 4.8410 | | 3.180 | | 15.170 | 5.0567 | | 3.184 | To B.M. 103-12A |
| 12 | 4.359 | | 150 | | | 4.491 | | 150 | | Total Backsights = + 60.7974 |
| | 4.209 | | 150 | | | 4.341 | | 150 | | Total Foresights = − 61.1413 |
| | 4.059 | | 300 | | | 4.191 | | 300 | | Diff. Elev. = − 0.3439 |
| | 12.627 | 4.2090 | | 3.480 | | 13.023 | 4.3410 | | 3.484 | |
| 13 | 4.297 | | 157 | | | 4.860 | | 146 | | Backsight stadia = 4.043 |
| | 4.140 | | 153 | | | 4.714 | | 144 | | Foresight Stadia = 4.058 |
| | 3.987 | | 310 | | | 4.570 | | 290 | | Total Stadia = 8.181 |
| | 12.424 | 4.1413 | | 3.790 | | 14.144 | 4.7147 | | 3.774 | 0.51 mi |
| 14 | 4.305 | | 126 | | | 3.802 | | 143 | | BM 103-12A, E Side, |
| | 4.179 | | 127 | | | 3.659 | | 141 | | of 60th St West & 0.5 Mi |
| | 4.052 | | 253 | | | 3.518 | | 284 | | South of Ave "F" |
| | 12.536 | 4.1787 | | 4.043 | 98° | 10.979 | 3.6597 | | 4.058 | FB 2877-48 |
| | | 60.7977 | | | | | 61.1410 | | | |

F.B. 2877 P.G. 135

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear & Hot Inst. No. 15066
Notes by Cook Time 10:20 To 11:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 103-12A To BM 103-11
Date 7-23-62
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 3928 | | 140 | | #19 | 4440 | | 132 | | BM 103-12A, E. Side of 60th |
| 1 | 3788 | | 140 | | 100° | 4308 | | 130 | | ST West & 0.5 So. of Ave "F" |
| | 3648 | | | | | 4178 | | | | FB 2877-48 |
| | 11364 | 3.7880 | 280 | 280 | | 12926 | 4.3087 | 262 | 262 | |
| | 5900 | | 155 | | | 5328 | | 153 | | |
| 2 | 5745 | | 155 | | | 5175 | | 155 | | T ESQUER |
| | 5590 | | | | | 5020 | | | | |
| | 17235 | 5.7450 | 310 | 590 | | 15523 | 5.1743 | 308 | 570 | |
| | 4545 | | 152 | | | 4413 | | 153 | | |
| 3 | 4393 | | 153 | | | 4260 | | 155 | | |
| | 4240 | | | | | 4105 | | | | |
| | 13178 | 4.3927 | 305 | 895 | | 12778 | 4.2593 | 308 | 878 | |
| | 5540 | | 150 | | | 5325 | | 153 | | |
| 4 | 5390 | | 150 | | | 5172 | | 152 | | |
| | 5240 | | | | | 5020 | | | | |
| | 16170 | 5.3900 | 300 | 1195 | | 15517 | 5.1723 | 305 | 1183 | |
| | 5423 | | 157 | | | 5085 | | 149 | | |
| 5 | 5266 | | 156 | | | 4936 | | 148 | | |
| | 5110 | | | | | 4788 | | | | |
| | 15799 | 5.2663 | 313 | 1508 | | 14809 | 4.9363 | 297 | 1480 | |
| | | 24.5820 | | | | | 23.8509 | | | |

F.B. 2877 P.G. 136

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear & Hot Inst. No. 15066
Notes by Cook Time 10:20 TO 11:10 Rod No. 19820

Name L.A. Co. Precise Level Nw
Job No. 030102
From BM 103-12A To 103-11
Date 7-23-62
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 5572 | 2.45820 | 149 | 1508 | | 6195 | 2.38509 | 150 | 1480 | |
| | 5423 | | 151 | | | 6045 | | 150 | | |
| | 5272 | | | | | 5895 | | | | |
| | 16.267 | 5.4223 | 300 | 1808 | | 18135 | 6.0450 | 300 | 1780 | |
| 7 | 4635 | | 150 | | | 3618 | | 155 | | |
| | 4485 | | 150 | | | 3463 | | 155 | | |
| | 4335 | | | | | 3308 | | | | |
| | 13455 | 4.4850 | 300 | 2108 | | 10389 | 3.4630 | 310 | 2090 | |
| 8 | 3968 | | 150 | | | 3705 | | 150 | | |
| | 3818 | | 150 | | | 3555 | | 150 | | |
| | 3668 | | | | | 3405 | | | | |
| | 11454 | 3.8180 | 300 | 2408 | | 10665 | 3.5550 | 300 | 2390 | |
| 9 | 4049 | | 149 | | | 4018 | | 153 | | |
| | 3900 | | 153 | | | 3865 | | 155 | | |
| | 3747 | | | | | 3710 | | | | |
| | 11696 | 3.8987 | 302 | 2710 | | 11593 | 3.8643 | 308 | 2698 | |
| 10 | 4290 | | 152 | | | 4055 | | 155 | | |
| | 4138 | | 153 | | | 3900 | | 155 | | |
| | 3985 | | | | | 3745 | | | | |
| | 12413 | 4.1377 | 305 | 3015 | | 11700 | 3.9000 | 310 | 3008 | |
| | | 46.3437 | | | | | 44.6782 | | | |

F.B. 1901 P.G. 137

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks  Weather: Clear & Hot  Inst. No. 15066
Notes by:  Time: 10:20 To 11:10  Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 030102
From: BM 103-12A To: BM 103-11
Date: 7-23-62
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 4201 | 4.3437 | 154 | 3015 | | 4378 | 4.4782 | 156 | 3008 | Summation of Run From B.M. 103-12A To B.M. 103-11 |
| | 4047 | | 152 | | | 4222 | | 154 | | |
| | 3895 | | | | | 4068 | | | | |
| | 12143 | 4.0477 | 306 | 3321 | | 12668 | 4.2227 | 310 | 3318 | |
| 12 | 4408 | | 150 | | | 4544 | | 154 | | Total Backsights = + 6.29394 |
| | 4258 | | 150 | | | 4390 | | 150 | | Total Foresights = − 6.25975 |
| | 4108 | | | | | 4240 | | | | Diff. Elev. = + 0.3419 |
| | 12774 | 4.2580 | 300 | 3621 | | 13174 | 4.3913 | 304 | 3622 | |
| 13 | 4355 | | 150 | | | 4475 | | 152 | | Backsight stadia = 4.141 |
| | 4205 | | 150 | | | 4323 | | 155 | | Foresight Stadia = 4.138 |
| | 4055 | | | | | 4168 | | | | Total Stadia = 8.279 |
| | 12615 | 4.2050 | 300 | 3921 | | 12966 | 4.3220 | 307 | 3929 | 0.52 Mi. |
| 14 | 4195 | | 110 | | | 5088 | | 105 | | BM 103-11, NW of Lancaster @ Ave "F" & 60TH ST West |
| | 4085 | | 110 | | | 4983 | | 104 | | |
| | 3975 | | | | | 4879 | | | | |
| | 12255 | 4.0850 | 220 | 4141 | 98° | 14950 | 4.9853 | 209 | 4138 | F B2415-17 |

F.B. 2877 P.G. 138

6.29394  6.25975

76P526-CE 379--10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by J.M. Maldonado Time 11:35 - 12:10 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 103-12A To BM 103-13 A
Date 20 July 1962
Indexed G. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.389 | | 149 | | #19 | 4.802 | | 154 | | BM 103-12A, E Side of |
| | 4.240 | | 151 | | | 4.648 | | 153 | | 60th St West & 0.5 Mi So |
| | 4.089 | | 300 | | | 4.495 | | 307 | | Ave "F" |
| | 12.718 | 4.2393 | | 300 | 98 | 13.945 | 4.6483 | | 307 | FB 2877-48 |
| 2 | 4.497 | | 150 | | | 4.320 | | 150 | | |
| | 4.347 | | 149 | | | 4.170 | | 150 | | T Brooks |
| | 4.198 | | 299 | | | 4.020 | | 300 | | |
| | 13.042 | 4.3473 | | 599 | | 12.510 | 4.1700 | | 607 | |
| 3 | 4.915 | | 154 | | | 4.714 | | 154 | | |
| | 4.761 | | 152 | | | 4.560 | | 154 | | |
| | 4.609 | | 306 | | | 4.406 | | 308 | | |
| | 14.285 | 4.7617 | | 905 | | 13.680 | 4.5600 | | 915 | |
| 4 | 4.190 | | 160 | | | 4.138 | | 155 | | |
| | 4.030 | | 160 | | | 3.983 | | 153 | | |
| | 3.870 | | 320 | | | 3.830 | | 308 | | |
| | 12.090 | 4.0300 | | 1225 | | 11.951 | 3.9857 | | 1223 | |
| 5 | 4.351 | | 152 | | | 4.172 | | 157 | | |
| | 4.199 | | 155 | | | 4.015 | | 155 | | |
| | 4.044 | | 307 | | | 3.860 | | 312 | | |
| | 12.594 | 4.1980 | | 1532 | | 12.047 | 4.0157 | | 1535 | |
| | | 21.5763 | | | | | 21.3777 | | | |

F.B. 2877 PG. 130

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 15066
Notes by J. M. Maldonado Time 11:25 to 12:10 Rod No. 19 & 20

Name I.A. Co. Precise Level Net
Job No. 0J02.02
From BM 103-12A To BM 103-13A
Date 20 July 1962
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 3.600 | 21.5763 | 154 | 1.532 | | 3.542 | 21.3777 | 160 | 1.535 | |
| | 3.446 | | 156 | | | 3.382 | | 160 | | |
| | 3.290 | | 310 | | | 3.222 | | 320 | | |
| | 10.336 | 3.4453 | | 1.842 | | 10.146 | 3.3820 | | 1.855 | |
| 7 | 3.764 | | 156 | | | 3.571 | | 153 | | |
| | 3.608 | | 158 | | | 3.418 | | 157 | | |
| | 3.450 | | 314 | | | 3.261 | | 310 | | |
| | 10.822 | 3.6073 | | 2.156 | | 10.250 | 3.4167 | | 2.165 | |
| 8 | 2.872 | | 150 | | | 2.652 | | 150 | | |
| | 2.722 | | 150 | | | 2.502 | | 150 | | |
| | 2.572 | | 300 | | | 2.352 | | 300 | | |
| | 8.166 | 2.7220 | | 2.456 | | 7.506 | 2.5020 | | 2.465 | |
| 9 | 3.960 | | 150 | | | 3.769 | | 150 | | |
| | 3.810 | | 150 | | | 3.619 | | 150 | | |
| | 3.660 | | 300 | | | 3.469 | | 300 | | |
| | 11.430 | 3.8100 | | 2.756 | | 10.857 | 3.6190 | | 2.765 | |
| 10 | | | | | | | | | | |
| | | 35.1609 | | | | | 34.2974 | | | |

F.B. 2877 P.G. 140

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by J.M.M Time 11:25 to 12:10 Rod No. 19820

Name L.A. Co. Precise Level Net
Job No.
From BM 103-12A To BM 103-13A
Date 20 July 1962
Indexed B. J. GALU

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 10 | 3841 | 35.1609 | 158 | 2756 | | 3786 | 34.2974 | 154 | 2765 | |
| 11 | 3683 | | 154 | | | 3632 | | 152 | | Summation of Run |
| | 3529 | | 312 | | | 3480 | | 306 | | From B.M. 103-12 A |
| | 11053 | 3.6843 | | 3068 | | 10898 | 3.6327 | | 3071 | To B.M. 103-13 |
| 11 | 4040 | | 160 | | | 3708 | | 157 | | |
| 12 | 3880 | | 159 | | | 3551 | | 153 | | Total Backsights = + 49.8448 |
| | 3721 | | 319 | | | 3398 | | 310 | | Total Forosights = − 50.1330 |
| | 11641 | 3.8803 | | 3387 | | 10657 | 3.5523 | | 3381 | Diff. Elev. = − 0.2882 |
| 12 | 3648 | | 158 | | | 3866 | | 156 | | |
| 13 | 3490 | | 154 | | | 3710 | | 155 | | Backsight Stadia = 3.930 |
| | 3336 | | 312 | | | 3555 | | 311 | | Foresight Stadia = 3.950 |
| | 10474 | 3.4913 | | 3699 | | 11131 | 3.7103 | | 3692 | Total Stadia = 7.880 |
| | | | | | | | | | | 0.50 mi |
| 13 | 3743 | | 114 | | | 5069 | | 128 | | BM 103-13A NW of |
| 14 | 3629 | | 117 | | | 4941 | | 130 | | Lancaster @ 66th St West |
| | 3512 | | 231 | | | 4811 | | 258 | | & Ave "Q" |
| | 10884 | 3.6280 | | 3930 | 98 | 14821 | 4.9403 | | 3950 | See F.B. 2877 - 49 |
| | | 49.8448 | | | | | 50.1330 | | | |

F.B. 2877 P.G. 141

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear & Hot Inst. No. 15066
Notes by G. E. Cook Time 9:50 To 10:15 Rod No. 19E20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 103-13A To BM 103-12A
Date 7-23-62
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4052 | | 119 | | 19 | 2742 | | 122 | | BM 103-13 A |
| | 3933 | | 120 | | | 2620 | | 122 | | NWot Lancaster @ 60th St |
| | 3813 | | | | | 2498 | | | | West of Ave "Q" |
| | 1179 8 | 3.9327 | 239 | 239 | 96° | 7860 | 2.6200 | 244 | 244 | See FB 2877-49 |
| 2 | 2830 | | 150 | | | 2613 | | 150 | | |
| | 2680 | | 149 | | | 2463 | | 150 | | T Maldonado |
| | 2531 | | | | | 2313 | | | | |
| | 8041 | 2.6803 | 299 | 538 | | 7388 | 2.4630 | 300 | 544 | |
| 3 | 3527 | | 150 | | | 3859 | | 152 | | |
| | 3377 | | 150 | | | 3707 | | 155 | | |
| | 3227 | | | | | 3552 | | | | |
| | 10131 | 3.3770 | 300 | 838 | | 11118 | 3.7060 | 307 | 851 | |
| 4 | 3037 | | 149 | | | 3089 | | 150 | | |
| | 2888 | | 150 | | | 2939 | | 152 | | |
| | 2738 | | | | | 2787 | | | | |
| | 8663 | 2.8877 | 299 | 1137 | | 8815 | 2.9383 | 302 | 1153 | |
| 5 | 3442 | | 151 | | | 3638 | | 150 | | |
| | 3291 | | 150 | | | 3488 | | 150 | | |
| | 3141 | | | | | 3338 | | | | |
| | 9874 | 3.2913 | 301 | 1438 | | 10464 | 3.4880 | 300 | 1453 | |
| | | 16.1690 | | | | | 15.2143 | | | |

F.B. 2877 P.G. 142

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear & Hot Inst. No. 16066
Notes by Cook Time 7:50 To 10:15 Rod No. 19620

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 103-12A To BM 103-12A
Date 7-23-62
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 2692 | 11.1690 | 150 | 1438 | | 2910 | 15.2143 | 150 | 1453 | |
| | 2542 | | 150 | | | 2760 | | 148 | | |
| | 2392 | | | | | 2612 | | | | |
| | 7626 | 2.5420 | 300 | 1738 | | 8282 | 2.7607 | 298 | 1751 | |
| 7 | 3098 | | 150 | | | 3289 | | 150 | | |
| | 2948 | | 150 | | | 3139 | | 149 | | |
| | 2798 | | | | | 2990 | | | | |
| | 8844 | 2.9480 | 300 | 2038 | | 9418 | 3.1393 | 299 | 2050 | |
| 8 | 3658 | | 150 | | | 3720 | | 150 | | |
| | 3508 | | 150 | | | 3570 | | 149 | | |
| | 3358 | | | | | 3421 | | | | |
| | 10524 | 3.5080 | 300 | 2358 | | 10711 | 3.5703 | 299 | 2349 | |
| 9 | 3651 | | 149 | | | 3834 | | 147 | | |
| | 3502 | | 150 | | | 3687 | | 150 | | |
| | 3352 | | | | | 3537 | | | | |
| | 10505 | 3.5017 | 299 | 2637 | | 11058 | 3.6860 | 297 | 2646 | |
| 10 | 4087 | | 150 | | | 4132 | | 148 | | |
| | 3937 | | 150 | | | 3984 | | 147 | | |
| | 3787 | | | | | 3837 | | | | |
| | 11811 | 3.9370 | 300 | 2937 | | 11953 | 3.9843 | 295 | 2944 | |
| | | 32.6057 | | | | | 32.3548 | | | |

F.B. 2077 PG. 143

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks — Weather: Clear & Hot — Inst. No. 15066
Notes by: Cook — Time: 9:50 to 10:15 — Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 103-13A To: BM 103-12A
Date: 7-23-62
Indexed: E. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 4004 | 32.6057 | 151 | 2937 | | 4207 | 32.3549 | 149 | 2994 | Summation of Run |
| | 3853 | | 150 | | | 4058 | | 148 | | From B.M. 103-13 A |
| | 3703 | | | | | 3909 | | | | To B.M. 103-12A |
| | 11560 | 3.8533 | 301 | 3238 | | 12174 | 4.0580 | 298 | 3240 | |
| 12 | 4130 | | 157 | | | 4302 | | 150 | | Total Backsights = + 45.0517 |
| | 3979 | | 151 | | | 4152 | | 149 | | Total Foresights = − 44.7705 |
| | 3828 | | | | | 4003 | | | | Diff. Elev. = + 0.2812 |
| | 11987 | 3.9790 | 302 | 3540 | | 12457 | 4.1523 | 299 | 3534 | |
| 13 | 4767 | | 154 | | | 4358 | | 152 | | Backsight stadia = 3.8464 |
| | 4613 | | 152 | | | 4206 | | 154 | | Foresight Stadia = 3.8456 |
| | 4461 | | | | | 4052 | | | | Total Stadia = 7.6920 |
| | 13841 | 4.6137 | 306 | 3846 | 100 | 12616 | 4.2053 | 306 | 3845 | .49 mi. |
| | | | | | | | | | | BM 103-12A. East Side of 60TH St West & 0.5 Mi So. of the "F" See F.B. 2877-48 |
| | | 45.0517 | | | | | 44.7705 | | | |

F.B. 2877 P.G. 144

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks
Notes by E. E. Brooks
Weather Clear
Time 9:35
Inst. No. 16066
Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 103-13A To BM 103-13
Date 24 July 1962
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6.427 | | .065 | | #19 | 5.567 | | .071 | | BM 103-13A. NW of |
| | 6.362 | | .065 | | | 5.496 | | .073 | | Lancaster @ 60th St West & |
| | 6.297 | | .130 | | | 5.423 | | .144 | | Ave. "G" |
| | 19.086 | 6.3620 | | .130 | 96° | 16.486 | 5.4953 | | .144 | See F.B. 2877-49 |
| | | | | | | | | | | BM 103-13. N.W. of Lancaster |
| | | | | | | | | | | Intersection at 60th St. W. |
| | | | | | | | | | | & Ave "G" |
| | | | | | | | | | | See F.B. 2415-19 |
| | | | | | | | | | | T Maldonado |
| | | | | | | | | | | Summation of Run |
| | | | | | | | | | | From B.M. 103-13 A |
| | | | | | | | | | | To B.M. 103-13 |
| | | | | | | | | | | Total Backsights = + 6.3620 |
| | | | | | | | | | | Total Foresights = − 5.4953 |
| | | | | | | | | | | Diff. Elev. = + 0.8667 |
| | | | | | | | | | | Backsight Stadia = 0.130 |
| | | | | | | | | | | Foresight Stadia = 0.144 |
| | | | | | | | | | | Total Stadia = 0.274 |
| | | | | | | | | | | 0.02 mi |
| | | 6.3620 | | | | | 5.4953 | | | |

F.B. 2877 P.G. 143

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 15066
Notes by ESQUER Time 11:40 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM103-13 To BM103-13A
Date 7-25-62
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5708 | | 073 | | #19 | 6569 | | 065 | | BM 103-13. N.W. of Lancaster Intersection of 60th St. West & Ave. "G" |
| | 5635 | | 072 | | | 6504 | | 064 | | |
| | 5563 | | 145 | | | 6440 | | 129 | | |
| | 16906 | 56353 | | .145 | 98° | 19513 | 65043 | | .129 | See F.B 2415-19 |
| | | | | | | | | | | BM 103-13 A. NW of Lancaster @ 60th St. West & Ave "G" |
| | | | | | | | | | | See F.B 2877-49 |
| | | | | | | | | | | Summation of Run<br>From B.M. 103-13<br>To B.M. 103-13A |
| F.B. 2877 P.G. 146 | | | | | | | | | | Total Backsights = + 5.6353<br>Total Foresights = − 6.5043<br>Diff. Elev. = − 0.8690 |
| | | | | | | | | | | Backsight Stadia = 0.145<br>Foresight Stadia = 0.129<br>Total Stadia = 0.274<br>0.02 mi. |
| | | 5.6353 | | | | | 6.5043 | | | |

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 9:40 – 10:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 103-13 To BM 103-14
Date 24 July 1962
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.437 | | .154 | | #19 | 3.303 | | .151 | | BM 103-13, NW of Lancaster |
| | 4.283 | | .152 | | | 3.152 | | .149 | | @ 60th St. W. & Ave. "G" |
| | 4.131 | | .306 | | | 3.003 | | .300 | | |
| | 12.851 | 4.2837 | | 306 | 96° | 9.458 | 3.1527 | | 300 | FB 2415-19 |
| 2 | 3.211 | | .149 | | | 2.770 | | .151 | | |
| | 3.062 | | .150 | | | 2.619 | | .149 | | T Maldonado |
| | 2.912 | | .299 | | | 2.470 | | .300 | | |
| | 9.185 | 3.0617 | | .605 | | 7.859 | 2.6197 | | .600 | |
| 3 | 3.978 | | .150 | | | 3.760 | | .150 | | |
| | 3.828 | | .149 | | | 3.610 | | .151 | | |
| | 3.679 | | .299 | | | 3.459 | | .301 | | |
| | 11.485 | 3.8283 | | .904 | | 10.829 | 3.6097 | | .901 | |
| 4 | 3.971 | | .149 | | | 3.698 | | .150 | | |
| | 3.822 | | .151 | | | 3.548 | | .150 | | |
| | 3.671 | | .300 | | | 3.398 | | .300 | | |
| | 11.464 | 3.8213 | | 1.204 | | 10.644 | 3.5480 | | 1.201 | |
| 5 | 3.618 | | .150 | | | 3.439 | | .150 | | |
| | 3.468 | | .150 | | | 3.289 | | .150 | | |
| | 3.318 | | .300 | | | 3.139 | | .300 | | |
| | 10.404 | 3.4680 | | 1.504 | | 9.867 | 3.2890 | | 1.501 | |
| | | 18.4630 | | | | | 16.2191 | | | |

F.B. 2377 P.G. 14

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 9:40 – 10:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 103-13 To BM 103-14
Date 24 July 1962
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 4.143 | 18.4630 | .151 | 1.504 | | 3.850 | 16.2191 | .151 | 1.501 | |
| | 3.992 | | .150 | | | 3.699 | | .148 | | |
| | 3.842 | | .301 | | | 3.551 | | .299 | | |
| | 11.977 | 3.9923 | | 1.805 | | 11.100 | 3.7000 | | 1.800 | |
| 7 | 4.387 | | .150 | | | 3.971 | | .150 | | |
| | 4.237 | | .150 | | | 3.821 | | .150 | | |
| | 4.087 | | .300 | | | 3.671 | | .300 | | |
| | 12.711 | 4.2370 | | 2.105 | | 11.463 | 3.8210 | | 2.100 | |
| 8 | 3.487 | | .153 | | | 3.179 | | .148 | | |
| | 3.334 | | .150 | | | 3.031 | | .152 | | |
| | 3.184 | | .303 | | | 2.879 | | .300 | | |
| | 10.005 | 3.3350 | | 2.406 | | 9.089 | 3.0297 | | 2.400 | |
| F.B. 2877 P.G. 148 9 | 2.791 | | .151 | | | 2.783 | | .151 | | |
| | 2.640 | | .149 | | | 2.632 | | .150 | | |
| | 2.491 | | .300 | | | 2.482 | | .301 | | |
| | 7.922 | 2.6407 | | 2.708 | | 7.897 | 2.6323 | | 2.701 | |
| 10 | 3.629 | | .150 | | | 2.942 | | .150 | | |
| | 3.479 | | .150 | | | 2.792 | | .150 | | |
| | 3.329 | | .300 | | | 2.642 | | .300 | | |
| | 10.437 | 3.4790 | | 3.008 | | 8.376 | 2.7920 | | 3.001 | |
| | | 36.1470 | | | | | 32.1941 | | | |

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by F. E. Brooks Time 9:40 - 10:10 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 103-13 To BM 103-14
Date 24 July 1962
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 4.043 | 36.1470 | .151 | 3.008 | | 3.921 | 32.1941 | .150 | 3.001 | |
| | 3.892 | | .150 | | | 3.771 | | .150 | | Summation of Run |
| | 3.742 | | .301 | | | 3.621 | | .300 | | From B.M. 103-13 |
| | 11.677 | 3.8923 | | 3.309 | | 11.313 | 3.7710 | | 3.301 | To B.M. 103-14 |
| 12 | 3.153 | | .151 | | | 3.100 | | .150 | | Total Backsights = + 51.5730 |
| | 3.002 | | .149 | | | 2.950 | | .150 | | Total Foresights = − 47.8138 |
| | 2.853 | | .300 | | | 2.800 | | .300 | | Diff. Elev. = + 3.7592 |
| | 9.008 | 3.0027 | | 3.609 | | 8.850 | 2.9500 | | 3.601 | |
| 13 | 3.701 | | .149 | | | 3.059 | | .150 | | Backsight Stadia = 3.965 |
| | 3.552 | | .149 | | | 2.909 | | .151 | | Foresight Stadia = 3.956 |
| | 3.403 | | .298 | | | 2.758 | | .301 | | Total Stadia = 7.921 |
| | 10.656 | 3.5520 | | 3.907 | | 8.726 | 2.9087 | | 3.902 | 0.50 mi. |
| 14 | 5.008 | | .029 | | | 6.017 | | .027 | | BM 103-14, N.W. of |
| | 4.979 | | .029 | | | 5.990 | | .027 | | Lancaster on 60th St. W. |
| | 4.950 | | .058 | | | 5.963 | | .054 | | & 0.5 Mi So. of Ave. "G" |
| | 14.937 | 4.9790 | | 3.965 | 96° | 17.970 | 5.9900 | | 3.956 | FB 2415-20 |
| | | 51.5730 | | | | | 47.8138 | | | |

F.B. 2877 P.G. 149

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE.

Chief of Party F. E. Brooks Weather Clear Inst. No. 15066
Notes by ESQUER Time 11:10 - 11:40 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 103-14 To BM 103-13
Date 7-25-62
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 6022 | | 030 | | #19 | 5007 | | 027 | | BM 103-14 |
| 1 | 5992 | | 030 | | | 4980 | | 027 | | N.W. of Lancaster on 60th St. |
| | 5962 | | 060 | | | 4953 | | 054 | | W. & 0.5 Mi. So. Ave. "Q" |
| | 17976 | 59920 | | 060 | 98° | 14940 | 49800 | | 054 | FB 2415-20 |
| | 3271 | | 150 | | | 3918 | | 152 | | |
| 2 | 3121 | | 150 | | | 3766 | | 148 | | T Brooks |
| | 2971 | | 300 | | | 3618 | | 300 | | |
| | 9363 | 31210 | | 360 | | 11302 | 37673 | | 354 | |
| | 3272 | | 147 | | | 3330 | | 150 | | |
| 3 | 3125 | | 147 | | | 3180 | | 150 | | |
| | 2978 | | 294 | | | 3030 | | 300 | | |
| | 9375 | 31250 | | 654 | | 9540 | 31800 | | 654 | |
| | 4260 | | 149 | | | 4386 | | 153 | | |
| 4 | 4111 | | 146 | | | 4233 | | 151 | | |
| | 3965 | | 295 | | | 4082 | | 304 | | |
| | 12336 | 41120 | | 949 | | 12701 | 42337 | | 958 | |
| | 3400 | | 150 | | | 4090 | | 150 | | |
| 5 | 3250 | | 150 | | | 3940 | | 151 | | |
| | 3100 | | 300 | | | 3789 | | 301 | | |
| | 9750 | 32500 | | 1249 | | 11819 | 39397 | | 1259 | |
| | | 6000 | | | | | 20,1007 | | | |

F.B. 2877 P.G. 150

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: F. E. Brooks — Weather: Clear — Inst. No.: 15066
Notes by: ESQUER — Time: 11:10 - 11:40 — Rod No.: 19620

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 103-14 To: BM 103-13
Date: 7-25-62
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 3013 | ~~19599~~ 6000 | 150 | 1249 | | 3020 | 20100 | 150 | 1259 | |
| | 2863 | | 150 | | | 2870 | | 150 | | |
| | 2713 | | 300 | | | 2720 | | 300 | | |
| | 8589 | 28630 | | 1549 | | 8610 | 28700 | | 1559 | |
| 7 | 3292 | | 150 | | | 3601 | | 151 | | |
| | 3142 | | 150 | | | 3450 | | 150 | | |
| | 2992 | | 300 | | | 3300 | | 301 | | |
| | 9426 | 31420 | | 1849 | | 10351 | 34503 | | 1860 | |
| 8 | 4110 | | 149 | | | 4527 | | 152 | | |
| | 3961 | | 149 | | | 4375 | | 150 | | |
| | 3812 | | 298 | | | 4225 | | 302 | | |
| | 11883 | 39610 | | 2147 | | 13127 | 43757 | | 2162 | |
| 9 | 4250 | | 150 | | | 4546 | | 151 | | |
| | 4100 | | 150 | | | 4395 | | 151 | | |
| | 3950 | | 300 | | | 4244 | | 302 | | |
| | 12300 | 41000 | | 2447 | | 13185 | 43950 | | 2464 | |
| 10 | 3864 | | 152 | | | 4042 | | 151 | | |
| | 3712 | | 150 | | | 3891 | | 149 | | |
| | 3562 | | 302 | | | 3742 | | 300 | | |
| | 11138 | 37127 | | 2749 | | 11675 | 38917 | | 2764 | |
| | | ~~37377~~ 37127 | | | | | ~~39083~~ 38917 | | | |

F.B. 2877 P.G. 155

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party F. E. Brooks Weather clear Inst. No. 15066
Notes by ESQUER Time 11:10 - 11:40 Rod No. 19 & 20

L.A. Co. Precise Level Net
Name
Job No. 0301.02
From BM 103-14 To BM 103-13
Date 7-25-62
Indexed C. J. GA[illegible]

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 3998 | 87 ~~373795~~ | 150 | 2749 | | 4270 | 390834 | 149 | 2764 | Summation of Run |
| | 3848 | | 153 | | | 4121 | | 150 | | From B.M. 103-14 |
| | 3695 | | 303 | | | 3971 | | 299 | | To B.M. 103-13 |
| | 11541 | 38470 | | 3052 | | 12362 | 41207 | | 3063 | |
| 12 | 4709 | | 151 | | | 4927 | | 154 | | Total Backsights = + 548~~096~~ 103 |
| | 4558 | | 153 | | | 4773 | | 151 | | Total Foresights = − 585798 |
| | 4405 | | 304 | | | 4622 | | 305 | | Diff. Elev. = − 3.7~~702~~ 694 |
| | 13672 | 45573 | | 3356 | | 14322 | 47740 | | 3368 | |
| 13 | 4140 | | 152 | | | 4584 | | 153 | | Backsight Stadia = 3954 |
| | 3988 | | 150 | | | 4431 | | 151 | | Foresight Stadia = 3972 |
| | 3838 | | 302 | | | 4280 | | 304 | | Total Stadia = 7926 |
| | 11966 | 39887 | | 3658 | | 13295 | 44317 | | 3672 | 0.50 mi |
| 14 | 5186 | | 146 | | | 6320 | | 150 | | BM 103-13, NW of Lancaster |
| | 5040 | | 150 | | | 6170 | | 150 | | @ 60th St. W. & Ave "G" |
| | 4890 | | 296 | | | 6020 | | 300 | | |
| | 15116 | 50387 | | 3954 | 98° | 18510 | 61700 | | 3972 | FB 2415-19 |
| | | 103 ~~548096~~ | | | | | 7 ~~585798~~ | | | |

F.B. 2877 P.G. 152

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks
Notes by E. E. Brooks
Weather Clear
Time 10:10 - 10:40
Inst. No. 15066
Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 103-14 To BM 103-15A
Date 24 July 1962
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.682 | | .153 | | #19 | 3.412 | | .150 | | BM 103-14, NW of Lancaster |
| | 4.529 | | .151 | | | 3.262 | | .150 | | on 60th St. W. & 0.5 Mi So. |
| | 4.378 | | .304 | | | 3.112 | | .300 | | Ave. "Q" |
| | 13.589 | 4.5297 | | .304 | 98° | 9.786 | 3.2620 | | 300 | FB 2415-20 |
| 2 | 3.142 | | .152 | | | 2.863 | | .151 | | |
| | 2.990 | | .149 | | | 2.712 | | .149 | | T Cook |
| | 2.841 | | .301 | | | 2.563 | | .300 | | |
| | 8.973 | 2.9910 | | .605 | | 8.138 | 2.7127 | | .600 | |
| 3 | 3.801 | | .151 | | | 3.280 | | .151 | | |
| | 3.650 | | .149 | | | 3.129 | | .149 | | |
| | 3.501 | | .300 | | | 2.980 | | .300 | | |
| | 10.952 | 3.6507 | | .905 | | 9.389 | 3.1297 | | .900 | |
| 4 | 4.663 | | .151 | | | 4.420 | | .151 | | |
| | 4.512 | | .150 | | | 4.269 | | .148 | | |
| | 4.362 | | .301 | | | 4.121 | | .299 | | |
| | 13.537 | 4.5123 | | 1.206 | | 12.810 | 4.2700 | | 1.199 | |
| 5 | 3.650 | | .150 | | | 4.058 | | .150 | | |
| | 3.500 | | .149 | | | 3.908 | | .150 | | |
| | 3.351 | | .299 | | | 3.758 | | .300 | | |
| | 10.501 | 3.5003 | | 1.505 | | 11.724 | 3.9080 | | 1.499 | |
| | | 19.1840 | | | | | 17.3824 | | | |

F.B. 2277 PG. 153

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Notes by: E. E. Brooks
Weather: Clear
Time: 10:10 - 10:40
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM103-14 To: BM103-15A
Date: 24 JUL 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 2.723 | 19.1840 | .151 | 1.505 | | 3.544 | 17.2824 | .148 | 1.499 | |
| | 2.572 | | .150 | | | 3.396 | | .147 | | |
| | 2.422 | | .301 | | | 3.249 | | .295 | | |
| | 7.717 | 2.5723 | | 1.806 | | 10.189 | 3.3963 | | 1.794 | |
| 7 | 3.502 | | .148 | | | 3.860 | | .151 | | |
| | 3.354 | | .148 | | | 3.709 | | .150 | | |
| | 3.206 | | .296 | | | 3.559 | | .301 | | |
| | 10.062 | 3.3540 | | 2.102 | | 11.128 | 3.7093 | | 2.095 | |
| 8 | 3.788 | | .150 | | | 3.939 | | .151 | | |
| | 3.638 | | .150 | | | 3.788 | | .150 | | |
| | 3.488 | | .300 | | | 3.638 | | .301 | | |
| | 10.914 | 3.6380 | | 2.402 | | 11.365 | 3.7883 | | 2.396 | |
| F.B. 277 PG. 154 9 | 4.741 | | .152 | | | 4.630 | | .149 | | |
| | 4.589 | | .148 | | | 4.481 | | .152 | | |
| | 4.441 | | .300 | | | 4.329 | | .301 | | |
| | 13.771 | 4.5903 | | 2.702 | | 13.440 | 4.4800 | | 2.697 | |
| 10 | 4.564 | | .152 | | | 4.659 | | .150 | | |
| | 4.412 | | .150 | | | 4.509 | | .147 | | |
| | 4.262 | | .302 | | | 4.362 | | .297 | | |
| | 13.238 | 4.4127 | | 3.004 | | 13.530 | 4.5100 | | 2.994 | |
| | | 37.7513 | | | | | 37.7613 | | | |

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Notes by: E. E. Brooks
Weather: Clear
Time: 10:10 - 10:40
Inst. No.: 15066
Rod No.: 19-20

L.A. Co. Precise Level Net
Name:
Job No.: 0301.02
From: BM 103-14 To: BM 103-15 A
Date: 24 July 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 4.229 | 38.2513 | .150 | 3.004 | | 4.552 | 37.1663 | .149 | 2.994 | |
| | 4.079 | | .149 | | | 4.403 | | .150 | | |
| 11 | 3.930 | | .299 | | | 4.253 | | .299 | | |
| | 12.238 | 4.0793 | | 3.303 | | 13.208 | 4.4027 | | 3.293 | |
| | 4.570 | | .149 | | | 4.564 | | .146 | | Summation of Run |
| | 4.421 | | .153 | | | 4.418 | | .150 | | From B.M. 103-14 |
| 12 | 4.268 | | .302 | | | 4.268 | | .296 | | To B.M. 103-15A |
| | 13.259 | 4.4197 | | 3.605 | | 13.250 | 4.4167 | | 3.589 | |
| | 4.539 | | .167 | | 71.9 | 4.443 | | .171 | | BM 103-15 A? NW. of Lancaster |
| | 4.372 | | .163 | | | 4.272 | | .170 | | @ 60th St. W. & Ave. "H" |
| 13 | 4.209 | | .330 | | | 4.102 | | .341 | | |
| | 13.120 | 4.3733 | | 3.935 | 98° | 12.817 | 4.2723 | | 3.930 | FB 2415-21 |
| | | | | | | | | | | Total Backsights = + 50.6236 |
| | | | | | | | | | | Total Foresights = − 50.2580 |
| | | | | | | | | | | Diff. Elev. = +0.3656 |
| | | | | | | | | | | Backsight Stadia = 3.935 |
| | | | | | | | | | | Foresight Stadia = 3.930 |
| | | | | | | | | | | Total Stadia = 7.865 |
| | | | | | | | | | | 0.50 mi. |
| | | 50.6236 | | | | | 50.2580 | | | |

FB 2077 P.G. 1555

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Notes by: ESQUER
Weather: Clear
Time: 10:45 - 11:10
Inst. No.: 15066
Rod No.: 19620

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 103-15A To: BM 103-14
Date: 7-25-62
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 4587 | | 173 | | #19 | 4681 | | 163 | | BM 103-15A (U.S.C.&G.S. V1153) |
| | 4414 | | 171 | | | 4518 | | 166 | | 66th St. W. at Ave. H |
| 1 | 4243 | | 344 | | | 4352 | | 329 | | |
| | 13244 | 44147 | | 344 | 96° | 13551 | 45170 | | 329 | See F.B. 2877-50 |
| | 4810 | | 149 | | | 4812 | | 150 | | |
| | 4661 | | 149 | | | 4662 | | 150 | | T. Maldonado |
| 2 | 4512 | | 298 | | | 4512 | | 300 | | |
| | 13983 | 46610 | | 642 | | 13986 | 46620 | | 629 | |
| | 4810 | | 150 | | | 4488 | | 150 | | |
| | 4660 | | 150 | | | 4338 | | 149 | | |
| 3 | 4510 | | 300 | | | 4189 | | 299 | | |
| | 13980 | 46600 | | 942 | | 13015 | 43383 | | 928 | |
| | 5019 | | 150 | | | 4921 | | 150 | | |
| | 4869 | | 147 | | | 4771 | | 150 | | |
| 4 | 4722 | | 297 | | | 4621 | | 300 | | |
| | 14610 | 48700 | | 1239 | | 14313 | 47710 | | 1228 | |
| | 5269 | | 150 | | | 5379 | | 148 | | |
| | 5119 | | 148 | | | 5231 | | 149 | | |
| 5 | 4971 | | 298 | | | 5082 | | 297 | | |
| | 15359 | 51197 | | 1537 | | 15692 | 52307 | | 1525 | |
| | | 237254 | | | | | 235790 | | | |

F.B. 2877 P.G. 156

76P526-CE 379--10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks — Weather: Clear — Inst. No.: 15066
Notes by: ESQUER — Time: 10:45 - 11:10 — Rod No.: 19 & 20

Name: L.A. Co. Precise Level Net
Job No.: 03040 2
From: BM 103-15A To: BM 103-14
Date: 7-25-62
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 4951 | 23.725 | 147 | 1537 | | 4803 | 23.590 | 150 | 1527 | |
| | 4804 | | 146 | | | 4653 | | 150 | | |
| | 4658 | | 293 | | | 4503 | | 300 | | |
| | 14413 | 48043 | | 1830 | | 13959 | 46530 | | 1827 | |
| 7 | 4884 | | 146 | | | 4530 | | 150 | | |
| | 4738 | | 150 | | | 4380 | | 149 | | |
| | 4588 | | 296 | | | 4231 | | 299 | | |
| | 14210 | 47367 | | 2126 | | 13141 | 43803 | | 2128 | |
| 8 | 5280 | | 149 | | | 4454 | | 147 | | |
| | 5131 | | 149 | | | 4307 | | 149 | | |
| | 4982 | | 298 | | | 4158 | | 296 | | |
| | 15393 | 51310 | | 2424 | | 12919 | 43063 | | 2428 | |
| 9 | 5211 | | 149 | | | 4807 | | 150 | | |
| | 5062 | | 145 | | | 4657 | | 148 | | |
| | 4917 | | 294 | | | 4509 | | 298 | | |
| | 15190 | 50633 | | 2718 | | 13973 | 46577 | | 2720 | |
| 10 | 5091 | | 148 | | | 5331 | | 150 | | |
| | 4943 | | 145 | | | 5181 | | 148 | | |
| | 4798 | | 293 | | | 5033 | | 298 | | |
| | 14832 | 49440 | | 3011 | | 15545 | 51817 | | 3018 | |
| | | 484047 | | | | | 466980 | | | |

F.B. 2877 P.G. 157

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather clear Inst. No. 15066
Notes by ESQUER Time 10:45-11:10 Rod No. 19 & 20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 103-15A To BM 103-14
Date 7-25-62
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals |
|---|---|---|---|---|---|---|---|---|---|
| 11 | 4677 | 484047 | 150 | 3011 | | 5198 | 466980 | 148 | 3018 |
| | 4527 | | 148 | | | 5050 | | 150 | |
| | 4379 | | 298 | | | 4900 | | 298 | |
| | 13583 | 45277 | | 3309 | | 15148 | 50493 | | 3314 |
| 12 | 4567 | | 148 | | | 4840 | | 149 | |
| | 4419 | | 150 | | | 4691 | | 148 | |
| | 4269 | | 298 | | | 4543 | | 297 | |
| | 13255 | 44183 | | 3607 | | 14074 | 46913 | | 3613 |
| 13 | 4839 | | 148 | | | 6108 | | 149 | |
| | 4691 | | 149 | | | 5959 | | 149 | |
| | 4542 | | 297 | | | 5810 | | 298 | |
| | 14072 | 46907 | | 3904 | 98° | 17877 | 59590 | | 3909 |
| | | 620414 | | | | | 623976 | | |

DESCRIPTION AND REMARKS

Summation of Run
From B.M. 103-15A
To B.M. 103-14

Total Backsights = + 62.0414
Total Foresights = − 62.3976
Diff. Elev. = − 0.3562
Stadia = 3.904
Foresight Stadia = 3.9093
Total Stadia = 7.8135 0.50 mm

BM 103-14, N.W. of Lancaster on 60th St. W. & 0.5 Mi So. of Ave "G"
FB 2415-20

F.B. 2877 P.G. 158

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks
Notes by E. E. Brooks
Weather Clear
Time 10:45 – 11:20
Inst. No. 15066
Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0801.02
From BM 103-15A To BM 103-16
Date 24 July 1962
Indexed G. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.245 | | .145 | | | 3.927 | | .150 | | BM 103-15A (USC&GS V1153) |
| | 3.100 | | .145 | | | 3.777 | | .150 | | 60th ST. W. at Ave H. |
| | 2.955 | | .290 | | | 3.627 | | .300 | | |
| | 9.300 | 3.1000 | | .290 | 98° | 11.331 | 3.7770 | | .300 | See F.B. 2877-60 |
| 2 | 2.665 | | .150 | | 3 | 4.585 | | .150 | | |
| | 2.515 | | .150 | | | 3.435 | | .150 | | T Esquer |
| | 2.365 | | .300 | | | 3.285 | | .300 | | |
| | 7.545 | 2.5150 | | .590 | | 11.305 | 3.4350 | | .600 | |
| 3 | 2.131 | | .148 | | | 2.865 | | .150 | | |
| | 1.983 | | .150 | | | 2.715 | | .150 | | |
| | 1.833 | | .298 | | | 2.565 | | .300 | | |
| | 5.947 | 1.9823 | | .888 | | 8.145 | 2.7150 | | .900 | |
| 4 | 3.645 | | .150 | | | 4.000 | | .150 | | |
| | 3.495 | | .150 | | | 3.850 | | .150 | | |
| | 3.345 | | .300 | | | 3.700 | | .300 | | |
| | 10.485 | 3.4950 | | 1.188 | | 11.550 | 3.8500 | | 1.200 | |
| 5 | 3.995 | | .150 | | | 4.235 | | .150 | | |
| | 3.845 | | .150 | | | 4.085 | | .150 | | |
| | 3.695 | | .300 | | | 3.935 | | .300 | | |
| | 11.535 | 3.8450 | | 1.488 | | 12.255 | 4.0850 | | 1.500 | |
| | | 14.9373 | | | | | 17.8620 | | | |

F.B. 2877 P.G. 159

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Notes by: E. E. Brooks
Weather: Clear
Time: 10:45-11:20
Inst. No. 15066
Rod No. 19.20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From BM 103-15A To BM 107-16
Date: 24 July 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 3.820 | 14.9373 | .150 | 1.488 | | 3.955 | 17.8620 | .150 | 1.500 | |
| | 3.670 | | .148 | | | 3.805 | | .150 | | |
| | 3.522 | | .298 | | | 3.655 | | .300 | | |
| | 11.012 | 3.6707 | | 1.786 | | 11.415 | 3.8050 | | 1.800 | |
| 7 | 3.522 | | .149 | | | 3.863 | | .150 | | |
| | 3.373 | | .148 | | | 3.713 | | .149 | | |
| | 3.225 | | .297 | | | 3.564 | | .299 | | |
| | 10.120 | 3.3733 | | 2.083 | | 11.140 | 3.7133 | | 2.099 | |
| 8 | 3.550 | | .150 | | | 3.815 | | .147 | | |
| | 3.400 | | .150 | | | 3.668 | | .145 | | |
| | 3.250 | | .300 | | | 3.523 | | .292 | | |
| | 10.200 | 3.4000 | | 2.383 | | 11.006 | 3.6687 | | 2.391 | |
| 9 | 3.390 | | .147 | | | 3.485 | | .150 | | |
| | 3.243 | | .150 | | | 3.335 | | .150 | | |
| | 3.093 | | .297 | | | 3.185 | | .300 | | |
| | 9.726 | 3.2420 | | 2.680 | | 10.005 | 3.3350 | | 2.691 | |
| 10 | 3.804 | | .150 | | | 3.885 | | .150 | | |
| | 3.654 | | .150 | | | 3.735 | | .150 | | |
| | 3.504 | | .300 | | | 3.585 | | .300 | | |
| | 10.962 | 3.6540 | | 2.980 | | 11.205 | 3.7350 | | 2.991 | |
| | | 32.2773 | | | | | 36.1190 | | | |

F.B. 2877 P.G. 160

76P526-CE 379--10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks
Notes by E. E. Brooks
Weather Clear
Time 10:40 - 11:20
Inst. No. 15066
Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 6301.02
From BM 103-15A To BM 103-16
Date 24 July 1962
Indexed B. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 4.028 | 32.2773 | .148 | 2.980 | | 4.398 | 36.1190 | .150 | 2.991 | Summation of Run |
| | 3.880 | | .152 | | | 4.248 | | .146 | | From B.M. 103-15A |
| | 3.728 | | .300 | | | 4.102 | | .296 | | To B.M. 103-16 |
| | 11.636 | 3.8787 | | 3.280 | | 12.748 | 4.2493 | | 3.287 | |
| 12 | 3.671 | | .148 | | | 3.925 | | .150 | | Total Backsights = + 46.8887 |
| | 3.523 | | .152 | | | 3.775 | | .150 | | Total Foresights = − 52.5920 |
| | 3.371 | | .300 | | | 3.625 | | .300 | | Diff. Elev. = − 5.7033 |
| | 10.565 | 3.5217 | | 3.580 | | 11.325 | 3.7750 | | 3.587 | |
| 13 | 4.049 | | .148 | | | 4.320 | | .150 | | Backsight stadia = 4.139 |
| | 3.901 | | .148 | | | 4.170 | | .148 | | Foresight Stadia = 4.165 |
| | 3.753 | | .296 | | | 4.022 | | .298 | | Total Stadia = 8.304 |
| | 11.703 | 3.9010 | | 3.876 | | 12.512 | 4.1707 | | 3.885 | 0.53 mi |
| 14 | 3.442 | | .133 | | #19 | 4.418 | | .140 | | BM 103-16 |
| | 3.309 | | .130 | | | 4.278 | | .140 | | 60th ST. W. at 0.5 mi. |
| | 3.179 | | .263 | | | 4.138 | | .280 | | S. of Ave H. |
| | 9.930 | 3.3100 | | 4.139 | 98° | 12.834 | 4.2780 | | 4.165 | See F.B. 2415-22 |
| | | 46.8887 | | | | | 52.5920 | | | |

F.B. 2877 P.G. 161

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Notes by: ESQUER
Weather: Clear
Time: 10:15-10:40
Inst. No. 15066
Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 103-16 To: BM 103-15A
Date: 7-25-62
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5369 | | 134 | | #19 | 4407 | | 140 | | BM 103-16 |
| | 5235 | | 132 | | | 4267 | | 139 | | 60th St. W. 0.5 mi S of |
| | 5103 | | 266 | | | 4128 | | 279 | | Ave H. |
| | 15707 | 52357 | | 266 | 96° | 12802 | 42673 | | 279 | - See F.B. 2415-22 |
| 2 | 4926 | | 150 | | | 4657 | | 149 | | |
| | 4776 | | 150 | | | 4508 | | 148 | | T. Cook |
| | 4626 | | 300 | | | 4360 | | 297 | | |
| | 14328 | 47760 | | 566 | | 13525 | 45083 | | 576 | |
| 3 | 4519 | | 151 | | | 4263 | | 150 | | |
| | 4368 | | 150 | | | 4113 | | 146 | | |
| | 4218 | | 301 | | | 3967 | | 296 | | |
| | 13105 | 43683 | | 867 | | 12343 | 41143 | | 872 | |
| 4 | 4983 | | 149 | | | 4615 | | 151 | | |
| | 4834 | | 146 | | | 4464 | | 148 | | |
| | 4688 | | 295 | | | 4316 | | 299 | | |
| | 14505 | 48350 | | 1162 | | 13395 | 44650 | | 1171 | |
| 5 | 4889 | | 149 | | | 4809 | | 150 | | |
| | 4740 | | 149 | | | 4659 | | 150 | | |
| | 4591 | | 298 | | | 4509 | | 300 | | |
| | 14220 | 47400 | | 1460 | | 13977 | 46590 | | 1471 | |
| | | 239550 | | | | | 220139 | | | |

F.B. 2877 P.G. 162

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Notes by: ESQUER
Weather: Clear
Time: 10:45-10:40
Inst. No.: 15066
Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 103-1C To: BM 103-15A
Date: 7-25-62
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 4598 | 239550 | 150 | 1460 | | 4501 | 220139 | 149 | 1471 | |
| | 4448 | | 150 | | | 4352 | | 149 | | |
| | 4298 | | 300 | | | 4203 | | 298 | | |
| | 13344 | 44480 | | 1760 | | 13056 | 43520 | | 1769 | |
| 7 | 4584 | | 147 | | | 4316 | | 148 | | |
| | 4437 | | 150 | | | 4168 | | 148 | | |
| | 4287 | | 297 | | | 4020 | | 296 | | |
| | 13308 | 44360 | | 2057 | | 12504 | 41680 | | 2065 | |
| 8 | 4500 | | 150 | | | 4156 | | 147 | | |
| | 4350 | | 150 | | | 4009 | | 146 | | |
| | 4200 | | 300 | | | 3863 | | 293 | | |
| | 13050 | 43500 | | 2357 | | 12028 | 40093 | | 2358 | |
| 9 | 4722 | | 150 | | | 4587 | | 149 | | |
| | 4572 | | 150 | | | 4438 | | 150 | | |
| | 4422 | | 300 | | | 4288 | | 299 | | |
| | 13716 | 45720 | | 2657 | | 13313 | 44377 | | 2657 | |
| 10 | 4591 | | 151 | | | 4348 | | 148 | | |
| | 4440 | | 150 | | | 4200 | | 149 | | |
| | 4290 | | 301 | | | 4051 | | 297 | | |
| | 13321 | 44403 | | 2958 | | 12599 | 41997 | | 2954 | |
| | | 462012 | | | | | 431806 | | | |

F.B. 2877 P.G. 143

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks
Notes by: ESQUER
Weather: clear
Time: 10:15-10:40
Inst. No. 15066
Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 103-16 To: BM 103-15A
Date: 7-25-62
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 4953 | 462013 | 145 | 2958 | | 4600 | 431806 | 150 | 2954 | Summation of Run |
| | 4808 | | 148 | | | 4450 | | 150 | | From B.M. 103-16 |
| | 4660 | | 293 | | | 4300 | | 300 | | To B.M. 103-15A |
| | 14421 | 48070 | | 3251 | | 13350 | 44500 | | 3254 | |
| 12 | 4270 | | 150 | | | 3537 | | 150 | | Total Backsights = + 65.1539 |
| | 4120 | | 150 | | | 3387 | | 147 | | Total Foresights = − 59.4469 |
| | 3970 | | 300 | | | 3240 | | 297 | | Diff. Elev. = + 5.7070 |
| | 12360 | 41200 | | 3551 | | 10164 | 33880 | | 3551 | |
| 13 | 4576 | | 149 | | | 3659 | | 151 | | Backsight stadia = 4147 |
| | 4427 | | 148 | | | 3508 | | 148 | | Foresight Stadia = 4146 |
| | 4279 | | 297 | | | 3360 | | 299 | | Total Stadia = 8293 |
| | 13282 | 44273 | | 3848 | | 10527 | 35090 | | 3850 | = 0.58² Mi |
| 14 | 5748 | | 150 | | | 5067 | | 147 | | BM 103-15A. (USC&GS V1153) |
| | 5598 | | 149 | | | 4920 | | 149 | | 60th St. W. and Ave H. |
| | 5449 | | 299 | | 96° | 4771 | | 296 | | |
| | 16795 | 55983 | | 4147 | | 14758 | 49193 | | 4146 | See F.B. 2877-50 |
| | | 65.1539 | | | | | 59.4469 | | | |

F.B. 2877 P.G. 64

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

L.A. Co. Precise Level Net

Chief of Party: F. E. Brooks — Weather: Clear — Inst. No.: 15066
Notes by: F. E. Brooks — Time: 11:25 - 11:50 — Rod No.: 19-20

Name:
Job No.: 0301.02
From: BM 103-16 To: BM 103-13
Date: 24 July 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.868 | | .139 | | #19 | 5.222 | | .149 | | BM 103-16 |
| | 5.729 | | .138 | | | 5.073 | | .145 | | 40th St. W. 0.5 mi. S. of |
| | 5.591 | | .277 | | | 4.928 | | .294 | | Ave H. |
| | 17.188 | 5.7293 | | .277 | .980 | 15.223 | 5.0743 | | .294 | See F.B. 2415-22 |
| 2 | 3.619 | | .150 | | | 4.030 | | .150 | | |
| | 3.469 | | .150 | | | 3.880 | | .149 | | T Maldonado |
| | 3.319 | | .300 | | | 3.731 | | .299 | | |
| | 10.407 | 3.4690 | | .577 | | 11.641 | 3.8803 | | .593 | |
| 3 | 3.747 | | .150 | | | 3.940 | | .150 | | |
| | 3.597 | | .150 | | | 3.790 | | .150 | | |
| | 3.447 | | .300 | | | 3.640 | | .300 | | |
| | 10.791 | 3.5970 | | .877 | | 11.370 | 3.7900 | | .893 | |
| 4 | 3.540 | | .150 | | | 4.019 | | .148 | | |
| | 3.390 | | .150 | | | 3.871 | | .150 | | |
| | 3.240 | | .300 | | | 3.721 | | .298 | | |
| | 10.170 | 3.3900 | | 1.177 | | 11.611 | 3.8703 | | 1.191 | |
| 5 | 3.758 | | .149 | | | 4.281 | | .149 | | |
| | 3.609 | | .151 | | | 4.132 | | .149 | | |
| | 3.458 | | .300 | | | 3.983 | | .298 | | |
| | 10.825 | 3.6083 | | 1.477 | | 12.396 | 4.1320 | | 1.489 | |
| | | 19.7936 | | | | | 20.7469 | | | |

F.B. 2877 P.G. 165

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks  Weather: Clear  Inst. No. 15066
Notes by: E. E. Brooks  Time: 11:25 - 11:50  Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From BM 103-12 To BM 102-13
Date: 24 July 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 4.167 | 19.7936 | .150 | 1.477 | | 4.493 | 20.7469 | .146 | 1.489 | |
| | 4.017 | | .149 | | | 4.347 | | .149 | | |
| | 3.868 | | .299 | | | 4.198 | | .295 | | |
| | 12.052 | 4.0173 | | 1.776 | | 13.038 | 4.3460 | | 1.784 | |
| 7 | 4.328 | | .150 | | | 4.291 | | .150 | | |
| | 4.178 | | .149 | | | 4.141 | | .149 | | |
| | 4.029 | | .299 | | | 3.992 | | .299 | | |
| | 12.535 | 4.1783 | | 2.075 | | 12.424 | 4.1413 | | 2.083 | |
| 8 | 4.174 | | .147 | | | 4.379 | | .149 | | |
| | 4.027 | | .149 | | | 4.230 | | .149 | | |
| | 3.878 | | .296 | | | 4.081 | | .298 | | |
| | 12.079 | 4.0263 | | 2.371 | | 12.690 | 4.2300 | | 2.381 | |
| 9 | 4.738 | | .150 | | | 4.741 | | .149 | | |
| | 4.588 | | .149 | | | 4.592 | | .145 | | |
| | 4.439 | | .299 | | | 4.447 | | .294 | | |
| | 13.765 | 4.5883 | | 2.670 | | 13.780 | 4.5933 | | 2.675 | |
| 10 | 4.574 | | .147 | | | 4.790 | | .149 | | |
| | 4.427 | | .149 | | | 4.641 | | .148 | | |
| | 4.278 | | .296 | | | 4.493 | | .297 | | |
| | 13.279 | 4.4263 | | 2.966 | | 13.924 | 4.6413 | | 2.972 | |
| | | 41.0301 | | | | | 41.6888 | | | |

F.B. 2877 PG. 166

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks — Weather: Clear — Inst. No.: 15066
Notes by: E. E. Brooks — Time: 11:25 – 11:50 — Rod No.: 19-20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 103-16 To: BM 102-13
Date: 24 July 1962
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals |
|---|---|---|---|---|---|---|---|---|---|
| 11 | 4.823 | 4.0301 | .146 | 2.966 | | 4.752 | 4.6988 | .151 | 2.972 |
| | 4.677 | | .149 | | | 4.601 | | .149 | |
| | 4.528 | | .295 | | | 4.452 | | .300 | |
| | 14.028 | 4.6760 | | 3.261 | | 13.805 | 4.6017 | | 3.272 |
| 12 | 4.520 | | .150 | | | 4.616 | | .161 | |
| | 4.370 | | .150 | | | 4.465 | | .148 | |
| | 4.220 | | .300 | | | 4.317 | | .299 | |
| | 13.110 | 4.3700 | | 3.561 | | 13.398 | 4.4660 | | 3.571 |
| 13 | 4.575 | | .147 | | | 4.490 | | .149 | |
| | 4.428 | | .149 | | | 4.341 | | .149 | |
| | 4.279 | | .296 | | | 4.192 | | .298 | |
| | 13.282 | 4.4273 | | 3.857 | | 13.023 | 4.3410 | | 3.869 |
| 14 | 5.381 | | .084 | | #19 | 6.219 | | .089 | |
| | 5.297 | | .087 | | | 6.130 | | .091 | |
| | 5.210 | | .171 | | | 6.039 | | .180 | |
| | 15.888 | 5.2960 | | 4.028 | 100° | 18.388 | 6.1293 | | 4.049 |
| | | 59.7994 | | | | | 62.2368 | | |

DESCRIPTION AND REMARKS

Summation of Run
From B.M. 103-16
To B.M. 102-13

Total Backsights = + 59.7994
Total Foresights = − 62.2368
Diff. Elev. = − 2.4374

Backsight stadia = 4.028
Foresight Stadia = 4.049
Total Stadia = 8.077
0.51 mi.

BM 102-13
60 Th St. W. and Ave I

See F.B. 2412-19

F.B. 2877 P.G. 167

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks — Weather: clear — Inst. No. 15066
Notes by: ESQUER — Time: 10:45-10:15 — Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 102-13 To: BM 103-16
Date: 7-25-62
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 6033 | | 092 | | #19 | 5192 | | 084 | | BM 102-13 |
| | 5941 | | 092 | | | 5108 | | 085 | | 60 Th St. W at Ave I. |
| | 5849 | | 184 | | | 5023 | | 169 | | |
| | 17823 | 59410 | | 184 | 92° | 15323 | 51077 | | 169 | See F.B. 2412-19 |
| 2 | 3868 | | 150 | | | 3951 | | 148 | | |
| | 3718 | | 149 | | | 3803 | | 148 | | T Brooks |
| | 3569 | | 299 | | | 3655 | | 296 | | |
| | 11155 | 37183 | | 483 | | 11409 | 38030 | | 465 | |
| 3 | 3820 | | 153 | | | 3715 | | 145 | | |
| | 3667 | | 153 | | | 3570 | | 146 | | |
| | 3514 | | 306 | | | 3424 | | 291 | | |
| | 11001 | 36670 | | 789 | | 10709 | 35697 | | 756 | |
| 4 | 4541 | | 152 | | | 4610 | | 147 | | |
| | 4389 | | 149 | | | 4463 | | 146 | | |
| | 4240 | | 301 | | | 4317 | | 293 | | |
| | 13170 | 43900 | | 1090 | | 13390 | 44633 | | 1049 | |
| 5 | 4511 | | 143 | | | 4303 | | 153 | | |
| | 4368 | | 146 | | | 4150 | | 150 | | |
| | 4222 | | 289 | | | 4000 | | 303 | | |
| | 13101 | 43670 | | 1379 | | 12453 | 41510 | | 1352 | |
| | | 220833 | | | | | 210947 | | | |

F.B. 2877 PG 168

76P526-CE 379—10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party ..... Weather Clear Inst. No. 15066
Notes by ESQUER Time 10:45-10:15 Rod No. 19-20

L.A. Co. Precise Level Net
Name .....
Job No. 0301.02
From BM 102-13 To BM 103-16
Date 7-25-62
Indexed C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 6 | 3938 | 220833 | 149 | 1379 | | 3932 | 210947 | 150 | 1352 | |
| | 3789 | | 148 | | | 3782 | | 150 | | |
| | 3641 | | 297 | | | 3632 | | 300 | | |
| | 11368 | 37893 | | 1676 | | 11346 | 37820 | | 1652 | |
| 7 | 4389 | | 149 | | | 4183 | | 147 | | |
| | 4240 | | 151 | | | 4036 | | 148 | | |
| | 4089 | | 300 | | | 3888 | | 295 | | |
| | 12718 | 42393 | | 1976 | | 12107 | 40357 | | 1947 | |
| 8 | 4065 | | 149 | | | 4100 | | 149 | | |
| | 3916 | | 149 | | | 3951 | | 148 | | |
| | 3767 | | 298 | | | 3803 | | 297 | | |
| | 11748 | 39160 | | 2274 | | 11854 | 39513 | | 2244 | |
| 9 | 4505 | | 147 | | | 4180 | | 150 | | |
| | 4358 | | 147 | | | 4030 | | 150 | | |
| | 4211 | | 294 | | | 3880 | | 300 | | |
| | 13074 | 43580 | | 2568 | | 12090 | 40300 | | 2544 | |
| 10 | 4023 | | 145 | | | 3506 | | 154 | | |
| | 3878 | | 147 | | | 3352 | | 152 | | |
| | 3731 | | 292 | | | 3200 | | 306 | | |
| | 11632 | 38778 | | 2860 | | 10058 | 33527 | | 2850 | |
| | | 422632 | | | | | 402464 | | | |

F.B. 2877 P.G. 169

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: [illegible] Brooks
Notes by: ESQUER
Weather: Clear
Time: 10:45-10:15
Inst. No.: 15066
Rod No.: 19 20

Name: L.A. Co. Precise Level Net
Job No.: 0301.02
From: BM 102-13 To: BM 103-16
Date: 7-25-62
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | Mean | Thread Intervals | Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 11 | 4152 | 42263 | 150 | 2860 | | 3670 | 40246 | 148 | 2850 | |
| | 4002 | | 150 | | | 3522 | | 149 | | Summation of Run 2 |
| | 3852 | | 300 | | | 3373 | | 297 | | From B.M. 103-13 |
| | 12006 | 40020 | | 3160 | | 10565 | 35217 | | 3147 | To B.M. 103-16 |
| 12 | 4192 | | 150 | | | 3999 | | 150 | | Total Backsights = + 590038 |
| | 4042 | | 149 | | | 3849 | | 150 | | Total Foresights = − 565561 |
| | 3893 | | 299 | | | 3699 | | 300 | | Diff. Elev. = + 24477 |
| | 12127 | 40423 | | 3459 | | 11547 | 38490 | | 3447 | |
| 13 | 4137 | | 150 | | | 3724 | | 149 | | Backsight stadia = 4055 |
| | 3987 | | 150 | | | 3575 | | 149 | | Foresight Stadia = 4024 |
| | 3837 | | 300 | | | 3426 | | 298 | | Total Stadia = 8079 |
| | 11961 | 39870 | | 3759 | | 10725 | 35750 | | 3745 | 0.51 mi. |
| 14 | 4857 | | 147 | | | 5504 | | 141 | | BM 103-16 |
| | 4710 | | 149 | | | 5363 | | 138 | | 60th St. W. at Ave I |
| | 4561 | | 296 | | 96° | 5225 | | 279 | | |
| | 14128 | 47093 | | 4055 | | 16092 | 53640 | | 4024 | See F.B. 2415-22 |

F.B. 2877 PG. 170

590038 | 565561

76P526-CE 379--10-57

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party E. E. Brooks Weather Clear Inst. No. 15066
Notes by E. E. Brooks Time 11:55 Rod No. 19-20

Name L.A. Co. Precise Level Net
Job No. 0301.02
From BM 102-13 To BM 102-12A
Date 24 July 1962
Indexed G. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| | 4.281 | | .081 | | #19 | 5.045 | | .071 | | BM 102-13 |
| 1 | 4.200 | | .080 | | | 4.974 | | .072 | | 60th St. W at Ave I |
| | 4.120 | | .161 | | | 4.902 | | .143 | | |
| | 12.601 | 4.2003 | | 161 | 100° | 14.921 | 4.9737 | | .143 | See F.B. 2412-19 |
| | | | | | | | | | | BM 102-12A |
| | | | | | | | | | | 60th St. W. at Ave I |
| | | | | | | | | | | See F.B. 2412-19 |
| | | | | | | | | | | T Maldonado |

Summation of Run
From B.M. 102-13
To B.M. 102-12A

Total Backsights = + 4.2003
Total Foresights = − 4.9737
Diff. Elev. = − 0.7734

Backsight stadia = .161
Foresight Stadia = .143
Total Stadia .304
= .02 mi

F.B. 2877 P.G. 171

PLEASE RETURN TO
LOS ANGELES COUNTY ENGINEER
700 LOS ANGELES COUNTY ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. E. Brooks  Weather: clear  Inst. No. 15066
Notes by: ESQUER  Time: 10:45  Rod No. 19-20

Name: L.A. Co. Precise Level Net
Job No. 0301.02
From: BM 102-12A To: BM 102-13
Date: 7-25-62
Indexed: C. J. GALLI

| Number of Station | BACKSIGHT Thread Readings | BACKSIGHT Mean | BACKSIGHT Thread Intervals | BACKSIGHT Sum of Intervals | B. S. Rod and Temp. | FORESIGHT Thread Readings | FORESIGHT Mean | FORESIGHT Thread Intervals | FORESIGHT Sum of Intervals | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5022 | | 070 | | #19 | 4264 | | 084 | | BM 102-12A |
| | 4952 | | 070 | | | 4180 | | 085 | | 60th St. W. at Ave I |
| | 4882 | | 140 | | | 4095 | | 169 | | |
| | 14856 | 4.9520 | | .140 | 92° | 12539 | 4.1797 | | .169 | See F.B. 2412-19 |
| | | | | | | | | | | BM 102-13 |
| | | | | | | | | | | 60th St. W at Ave I |
| | | | | | | | | | | See F.B. 2412-19 |
| | | | | | | | | | | Brooks |
| | | | | | | | | | | Summation of Run |
| | | | | | | | | | | From B.M. 102-12A |
| | | | | | | | | | | To B.M. 102-13 |
| | | | | | | | | | | Total Backsights = + 4.9520 |
| | | | | | | | | | | Total Foresights = − 4.1797 |
| | | | | | | | | | | Diff. Elev. = + 0.7723 |
| | | | | | | | | | | Backsight stadia = 0.140 |
| | | | | | | | | | | Foresight Stadia = 0.169 |
| | | | | | | | | | | Total Stadia = 0.309 |
| | | | | | | | | | | 0.02 mi |
| | | 4.9520 | | | | | 4.1797 | | | |

F.B. 2877 P.G. 172

| | |
|---|---|
| Notes Ck'd by | Survey of L.A.Co. PRECISE LEVEL NET |
| Map No. | J.N. 0301.02 Tape Std °F |
| Office Work | Surveyed by G.E. DREIER |
| Checked | Notes Date JUNE 1972 |
| Date | Index G. J. GALLI 11-20-72 |

F. B. 2877 PG. 173

JOB NO. 0301.02

L.A.CO. PRECISE LEVEL NET

LINE NO. 103, JUNE 1972 RELEVELING.

REFERENCES

F.B. 2415 - 5 TO 22
F.B. 2877 - 45 TO 50

DREIER
MALDONADO
SIEMANN
OHASHI
MCKNIGHT

Note: Any Additions or Changes on This Sheet Must be Made of Circled in Red Ink With Date and Name of Person Making Change.

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403 LOS ANGELES COUNTY ENGINEERING BLDG.
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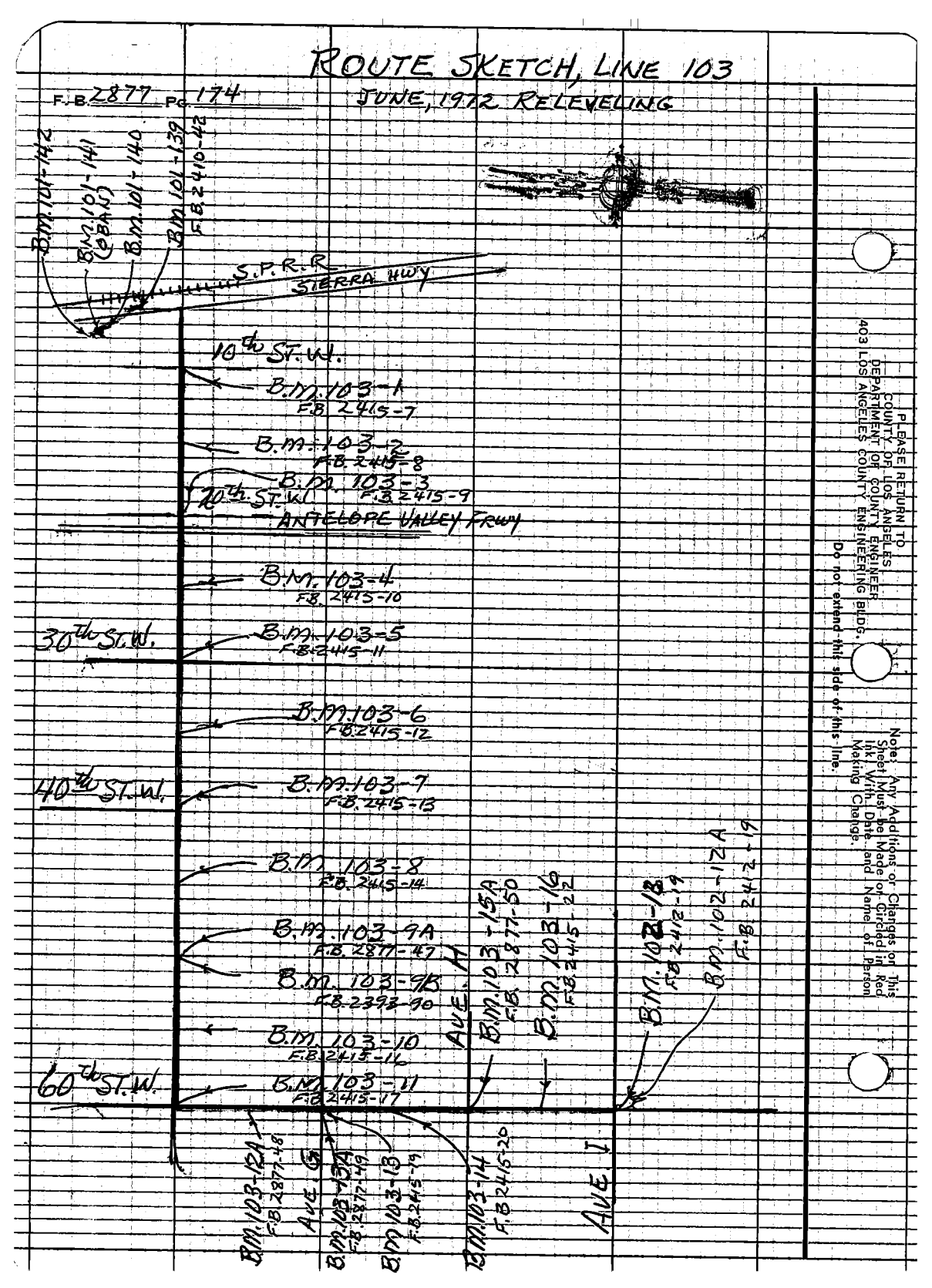
CE#310 3-69

# ROUTE SKETCH, LINE 103

F.B. 2877 Pg. 174 JUNE, 1972 RELEVELING

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JOB NO. 0301.02 SURVEY OF L. A. CO. PRECISE LEVEL NET T=94°

F.B. 2877 PG. 175

SURVEY BY G.E. DREIER — WEATHER BREEZE — INST. NO. 9671

NOTES BY SIEMANN — DATE 6-14-72 — TIME 10:00 TO 10:10 — ROD NO. 713A

INDEXED C. J. GALLE — DATE — NOTES CHKD — DATE

76P526B CE # 308 8/68

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403 Los Angeles County Engineering Bldg.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

| STATION | BACKSIGHT | | | | | | FORESIGHT | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM ___ TO ___ |
| | | | DETERMINATION OF "C" | | | | | | | | | | |
| | | NEAR ROD | | | | | | FAR ROD | | | | | |
| 1 | 148 | 399 | 449 | 5 | 150 146 | 4 | 143 | 211 | 444 | 5 | 110 116 | 54 | 54 M- 4 M= 50 M-0.20mm |
| 2 | 151 | 472 | 452 | 5 | 153 149 | 4 | 156 | 613 | 457 | 5 | ~~103~~ 129 | 54 | 54 M- 4 M= 50 M=0.20 mm |
| | 299 | 871 | | | | | 299 | 824 | | | | 108 | |
| | 299 | 784 | | | | 8 | | 040 | | | | | |
| | + | 087 | | | | | -0. | mm | | | | 8 | Curvature Corr.=0.40mm |
| | | | | | | | 299 | 784 | | | | 100 | |

$$\frac{+.009}{100 / 0.87}$$ mm= "C"

___/___ mm= "C"

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT | | | | | | FORESIGHT | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM _____ TO _____ |
| | DETERMINATION OF "C" | | | | | | | | | | | | |
| | NEAR ROD | | | | | | FAR ROD | | | | | | |
| 1 | 151 | 085 | 452 | 5 | 153 149 | 4 | 125 3 | 162 ~~290~~ | 424 ~~426~~ | 5 | 150 96 ~~141~~ ~~101~~ | 54 | 54 M. - 4 M. = 50 M. = 0.20 mm |
| 2 | 145 | 840 | 446 | 5 | 147 143 | 4 | 173 | 764 | 471 | 5 | 200 146 | 54 | 54 M. - 4 M = 50 M = 0.20 mm |
| | 296 | 925 | | | | 8 | 296 | 926 | | | | 108 | |
| | | 886 | | | | | - | 0.40 | mm | | | - 8 | CUR. CORR. = 0.40 mm |
| + | 296 | 039 | | | | | 296 | 886 | | | | 100 | |
| | + .004 MM = "C" | | | | | | | | | | | | |
| | 100) 0.39 | | | | | | | | | | | | |

F.B. 2877 PG. 176 JOB NO 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-15-72

INDEXED C. J. GALLP DATE

WEATHER HOT, HAZY INST. NO 9671

TIME 10:30 TO 10:40 ROD NO 1213A

NOTES CHKD DATE

T = 94°

76P526B CE # 308 8/68

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

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**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-92°
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 6-16-72 WEATHER Sunny & Calm INST. NO. 9671
INDEXED C. J. GALLI DATE JUL 20 72 TIME 10:20 ROD NO. 1723A
NOTES CHKD. DATE
F.B. 2877 PG. 177

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM ____ TO ____ |
|---|---|---|---|---|---|---|---|---|---|
| | | | DETERMINATION OF "C" | | | | | | |
| | | NEAR ROD | | | | FAR ROD | | | |
| | | 64 | | 155 | | | | 170 | |
| 1 | 153 | 6~~72~~ | 454 5 | 151 4 | 143 | 169 | 444 5 | 116 54 | 54 M- 4 M=50 M-0.20 mm |
| | | | | 163 | | | | 149 | |
| 2 | 161 | 485 | 462 5 | 159 4 | 172 | 103 | 473 5 | 145 54 | 54 M- 4 M=50 M=0.20 mm |
| | 315 | 149 | | 8 | 315 | 272 | | 108 | |
| | | | | | | 040 mm | | 8 | |
| | + | | | | ~~-0. mm~~ | | | | Curvature Corr.=0.40 mm |
| | | | | | 315 | 232 | | 100 | |
| | | | | | 315 | 149 | | | |
| | | | | | - | 083 | | | |
| | | | | mm= "C" | | | | | |
| | | | | | - | .008 | | mm= "C" | |
| | | | | | 100 | 0.830 | | | |

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F.B. 2877 PG. 178 JOB NO. 0301.02
SURVEY OF L.A.Co. Precise Level Net
SURVEY BY Dreier NOTES DREIER 6-19-72
INDEXED C. J. GALLI DATE
WEATHER 92° SCAT. THIN CLOUDS LT. WIND INST. NO. 9671
TIME 10:30 ROD NO. 17134
NOTES CHKD DATE

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | | BACKSIGHT STADIA | | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | | FORESIGHT STADIA | | DESCRIPTION AND REMARKS FROM ___ TO ___ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DETERMINATION OF C | | | | | | | | | | | | |
| 1 | 150 | 023 | 451 | 5 | ~~152~~ 148 | 4 | 146 | 302 | 447 | 5 | ~~173~~ 119 | 54 | 50 m - 4 m = 50m = |
| 2 | 149 | 510 | 450 | 5 | ~~151~~ 147 | 4 | 153 | 343 | 454 | 5 | ~~180~~ 126 | 54 | |
| | | | | | | 8 | | | | | | 108 | |
| | 299 | 533 | | | | | 299 | 645 | | | | -8 | |
| | | | | | | | | 0.40 mm | | | | 100 | |
| | | | | | | | 299 | 605 | | | | | |
| | | | | | | | 299 | 533 | | | | | |
| | | | | | | | | 0.72 mm | | | | | |
| | | | | | | | | -0.007 mm = C | | | | | |
| | | | | | | | 100) | 0.72 | | | | | |

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY T. OWASH DATE 8-20-72
INDEXED C. J. GALLI DATE JUL 20 '72
WEATHER LT. BREEZ
TIME 9:40 -
NOTES CHKD
DATE
INST. NO. 9674
ROD NO. 7113 A
F.B. 2877 PG. 179

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM ____ TO ____ |
|---|---|---|---|---|---|---|---|---|---|
| | DETERMINATION OF "C" | | | | | | | | |
| | NEAR ROD | | | | FAR ROD | | | | |
| 1 | 150 | 193 | 451 5 | 152 / 148 4 | 143 | 650 | 444 5 | 171 / 115 56 | 56 M- 4 M= 52 M-0.20 mm |
| 2 | 152 | 003 | 453 5 | 154 / 150 4 | 158 | 662 | 459 5 | 186 / 130 56 | 56 M- 4 M= 52 M=0.20 mm |
| | 302 | 196 | | 8 | 302 | 312 | | 112 | |
| | + | | | | -0.40 mm | | | 8 | Curvature Corr.=0.40 mm |
| | | | | | 302 | 272 | | 104 | |
| | | | | | 302 | 196 | | | |
| | | | | | - | 0.76 mm | | | |
| | | | | mm= "C" | | | | | |
| | | | | | 104/0.76 | 0.008 | | mm= "C" | |

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**Do not extend notes this side of this line.**

| STATION | BACKSIGHT | | | | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM ____ TO ____ |
| | DETERMINATION OF C | | | | | | | | |
| | NEAR ROD | | | | FAR ROD | | | | |
| 1 | | | | | | | | | M - M = M = 0.20 mm |
| 2 | | | | | | | | | M - M = M = 0.20 mm |
| | | | | | | | | | CURVATURE CORR. 0.40 mm |

F.B. 2877 PG. 180

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES

INDEXED ~~D. J. GALLI~~ DATE

WEATHER ____ INST. NO. 9671

TIME ____ ROD NO. 913A

NOTES CHKD ____ DATE ____

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER
NOTES BY T. OHASHI DATE 6-21-72
INDEXED C. J. GALLI DATE JUN 20 72
WEATHER Clear-Dist Haze T=90°
TIME 10:05 - 10:10
NOTES CHKD
INST. NO. 9674
ROD NO. 17134
DATE
F.B. 2877 PG. 181

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM ____ TO ____ |
|---|---|---|---|---|---|---|---|---|---|
| | | | DETERMINATION OF "C" | | | | | | |
| | | NEAR ROD | | | | FAR ROD | | | |
| 1 | 153 | 467 | 454 5 | 155 151 4 | 163 | 563 | 464 5 | 170 136 54 | 54 M- 4 M= 50 M-0.20 mm |
| 2 | 152 | 176 | 453 5 | 154 150 4 | 142 | 028 | 443 5 | 169 116 54 | 54 M- 4 M= 50 M=0.20 mm |
| | 305 | 643 | | 8 | 305 | 591 | | 108 | |
| | ~~305~~ | ~~551~~ | | | | | | | |
| | 305 | 551 | | | -0.40 mm | | | 8 | Curvature Corr.=0.40 mm |
| | | 0.92 mm | | | 305 | 551 | | 100 | |
| | | | | | 305 | | | | |
| | | | | | - | | | | |
| | + 0.001 | | | mm= "C" | | | | | |
| | 100 / 0.92 mm | | | | | | | | |
| | | | | | | | | mm= "C" | |

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F.B. 2877 PG. 182 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY PREIER NOTES Maldonado 6-22-72

INDEXED C. J. GALLI DATE

WEATHER Hazy & Windy INST. NO. 9671

TIME 10:05 ROD NO. 1713A

NOTES CHKD. DATE

T=80°

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | | DESCRIPTION AND REMARKS FROM TO |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Determination of "C" | | | | | | | | |
| | | | NEAR Rod | | | | FAR ROD | | | | |
| 1 | 159 | 269 | 460 5 | 161 157 | 4 | 173 | 440 | 474 5 | 200 146 | 54 | 54M-4M=50M=0.20mm |
| 2 | 160 | 999 | 461 5 | 162 158 | 4 | 146 | 999 | 447 5 | 123 119 | 54 | 54M-4M=50M=0.20mm |
| | 320 | 268 | | | 8 | 320 | 439 | | | 108 | |
| | | | | | | | 040 mm | | | 8 | |
| | | | | | | 320 | 399 | | | 100 | |
| | | | | | | 320 | 268 | | | | Curvature Corr=0.40 mm |
| | | | | | | | 1.31 | | | | |
| | | | | | | | -.013 mm = "C" | | | | |
| | | | | | | 100 | 1.310 | | | | |

76P526B CE # 308 8/68

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JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 7-72
SURVEY BY Maldonado G.E. Drew DATE 6-23-72 WEATHER Sunny & windy INST. NO 9671
NOTES BY E.J. GALL TIME 10:10 ROD NO 17134
INDEXED DATE JUL 20 72 NOTES CHKD DATE
F.B. 2877 PG. 182

| STATION | BACKSIGHT Right | Mic. | Left. | Stadia | FORESIGHT Right | Mic. | Left. | Stadia | DESCRIPTION AND REMARKS From ___ To ___ |
|---|---|---|---|---|---|---|---|---|---|
| | | | DETERMINATION OF "C" | | | | | | |
| | | NEAR ROD | | | | FAR ROD | | | |
| 1 | 158 | 171 | 459 5 | 160 156 4 | 157 | 161 | 458 5 | 184 130 54 | 54 M- 4 M= 50 M-0.20 mm |
| 2 | 161 | 360 | 462 5 | 163 159 4 | 162 | 532 | 463 5 | 189 135 54 | 54 M- 4 M= 50 M=0.20 mm |
| | 319 | 531 | | 8 | 319 | 693 | | 108 | |
| | | | | | | 040 mm | | 8 | |
| | + | | | | -0. mm | | | | Curvature Corr.=0.40 mm |
| | | | | | 319 | 653 | | 100 | |
| | | | | | 319 | 531 | | | |
| | | | | | - | 122 | | | |
| | | | | mm= "C" | | | | | |
| | | | | | | -.012 mm= "C" | | | |
| | | | | | 100 | 1.220 | | | |

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| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM ____ TO ____ |
|---|---|---|---|---|---|---|---|---|---|
| | | | DETERMINATION OF "C" | | | | | | |
| | NEAR ROD | | | | FAR ROD | | | | |
| 1 | 151 | 328 | 452 5 | 153 149 4 | 149 | 697 | 450 5 | 176 122 54 | 54M - 4M = 50 M = 0.20 mm |
| 2 | 153 | 520 | 454 5 | 155 151 4 | 155 | 256 | 456 5 | 182 128 54 | 54M - 4M. = 50 M. = 0.20 mm |
| | 304 | 848 | | 8 | 304 | 953 | | 108 | |
| | | | | | - | 040 mm C.cor. | | - 8 | CUR. CORR. = 0.40 mm |
| | | | | | 304 | 913 | | 100 | |
| | | | | | 304 | 848 | | | |
| | | | | | | 065 | | | |
| | | | | | | - .006 mm = "C" | | | |
| | | | | | 100) | 0.65 | | | |

F.B. 2877 PG. 184 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY DREIER NOTES SIEMANN 6-26-72

INDEXED C. J. GALLI DATE

WEATHER HAZY SUN INST. NO 9671

TIME 10:20 TO 10:30 ROD NO 1713A

NOTES CHKD ____ DATE ____

T = 82°

76P526B CE # 308 8/68

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**Do not extend notes this side of this line.**

| STATION | BACKSIGHT | | | | | | FORESIGHT | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM B.M. 101-142 TO B.M. 101-141 |
| B.M. 101-142 | | | | | | | | | | | | | B.M. 101-142 (U.S.C. & G.S. OBAN NO 2) |
| | | | | | 156 | | | | | | 72 | | SIERRA HWY. 0.4 MI. N. OF AVE. F. |
| 1 | 150 | 730 | 451 | 5 | 144 | 12 | 65 | 926 | 366 | 5 | 58 | 14 | SEE F.B. 2410-42 |
| | | | | | | | | | | | | | ~~T= MALDONADO~~ |
| | 65 | 926 | | | | | | | | | | 12 | |
| B.M. 101-141 + | 84 | 804 | | | | | | | | | | 26 | B.M. 101-141 (U.S.C. & G.S. OBAN) |
| | | | | | | | | | | | | | SIERRA HWY. 0.4 MI. N. OF AVE. F. |
| | | | | | | | | | | | | | SEE F.B. 2410-42 |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T= 90°

SURVEY BY G. E. DREIER WEATHER BREEZE INST. NO 96716

NOTES BY SIEMANN DATE 6-14-72 TIME 11:00 TO 11:05 ROD NO 1713A

INDEXED C. J. GALLI DATE JUL 20 '72 NOTES CHKD BLANCHARD DATE AUG 1 '72

F.B. 2877 PG. 18

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**Do not extend notes this side of this line.**

| STATION | BACKSIGHT | | | | | | FORESIGHT | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM B.M. 101-141 TO B.M. 101-142 |
| B.M. 101-141 | | | | | | | | | | | | | B.M. 101-141 (U.S.C. & G.S. OBAN) |
| | | | | | | | | | | | | | SIERRA HWY. 0.4 MI. N. OF AVE. F |
| 1 | 68 | 061 | 369 | 5 | 74 62 | 12 | 152 | 892 | 453 | 5 | 158 146 | 12 | SEE F.B. 2410-42 ~~π = MALDONADO~~ |
| B.M. 101-142 | | | | | | | 68 | 061 | | | | 12 | B.M. 101-142 (U.S.C. & G.S. OBAN #2) |
| | | | | | | - | 84 | 831 | | | | 24 | SIERRA HWY. 0.4 MI. N. OF AVE. F. |
| | | | | | | | | | | | | | SEE F.B 2410-42 |

T = 90°

WEATHER BREEZE INST. NO 9167

TIME 10:55 TO 10:00 ROD NO 2134

NOTES CHKD. BLANCHARD DATE AUG 1

F.B. 2877 PG. 186 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-14-72

INDEXED C. J. GALLI DATE

76P526B CE # 308 8/68

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**Do not extend notes this side of this line.**

| STATION | BACKSIGHT | | | | | | FORESIGHT | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM B.M. 101-141 TO B.M. 101-140 |
| B.M. 101-141 | | | | | | | | | | | | | B.M. 101-141 (U.S.C.&G.S. OBAN) |
| | | | | | | | | | | | | | SIERRA HWY. 0.4 MI. N. OF AVE. F. |
| 1 | 77 | 162 | 378 | 5 | 80 74 | 6 | 158 | 079 | 459 | 5 | 161 155 | 6 | SEE F.B. 2410-42 |
| | | | | | | | | | | | | | ~~T = MALDONADO~~ |
| | | | | | | | 77 | 162 | | | | 6 | |
| B.M. 101-140 | | | | | | | 80 | 917 | | | | 12 | B.M. 101-140 (U.S.C.&G.S. OBAN NO 1) |
| | | | | | | | | | | | | | SIERRA HWY 0.4 MI. N. OF AVE. F. |
| | | | | | | | | | | | | | SEE F.B. 2410-42, 3737-56 |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=90°

SURVEY BY G.E. PREIER WEATHER BREEZE INST. NO. 9671

NOTES BY SIEMANN DATE 6-14-72 TIME 11:05 TO 11:10 ROD NO. 17134

INDEXED C. J. GALLI DATE JUL 20 72 NOTES CHKD. BLANCHARD DATE AUG 1 72

F.B. 2877 PG. 187

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

F.B. 2877 PG. 188 JOB NO. 0301.02

SURVEY OF L.A.CO. PRECISE LEVEL NET

SURVEY BY DEEER NOTES SIEMANN 6-14-72

INDEXED G. J. GALLI DATE

T=90°

WEATHER BREEZE INST. NO. 8671

TIME 10:50 TO 10:55 ROD NO. 7134

NOTES CHKD. BLANCHARD DATE AUG 17

| STATION | BACKSIGHT | | | | | | FORESIGHT | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM B.M. 101-140 TO B.M. 101-141 |
| B.M. 101-140 | | | | | | | | | | | | | B.M. 101-140 (U.S.C.&G.S. OBAN NO. |
| | | | | | 152 | | | | | | 71 | | SIERRA HWY, 0.4 MI. N. OF AVE. F |
| 1 | 149 | 679 | 450 | 5 | 146 | 6 | 68 | 763 | 369 | 5 | 65 | 6 | SEE F.B. 2410-42, 3737-56 |
| | | | | | | | | | | | | | ~~T - MALDONADO~~ |
| | 68 | 763 | | | | | | | | | | 6 | |
| B.M. 101-141 | 80 | 916 | | | | | | | | | | 12 | B.M. 101-141 (U.S.C.&G.S. OBAN) |
| | | | | | | | | | | | | | SIERRA HWY, 0.4 MI. N. OF AVE. F. |
| | | | | | | | | | | | | | SEE F.B. 2410-42 |

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT | | | | | | FORESIGHT | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM B.M 101-140 TO B.M 101-139 |
| B.M. 101-140 | | | | | | | | | | | | | B.M. 101-140 (U.S.C.&G.S OBAN NO. 1) |
| 1 | 160 | 878 | 461 | 5 | 192 128 | 64 | 87 | 433 | 388 | 5 | 119 55 | 64 | SIERRA HWY. 0.4 MI. N. OF AVE. F. |
| | | | | | | | | | | | | | SEE F.B. 2410-42, 3737-56 |
| 2 | 107 | 967 | 408 | 5 | 138 76 | 62 | 181 | 779 | 482 | 5 | 212 150 | 62 | |
| | | | | | | 126 | | | | | | 126 | |
| 3 | 145 | 152 | 446 | 5 | 176 114 | 62 | 161 | 282 | 462 | 5 | 193 129 | 64 | π = MALDONADO |
| | | | | | | 188 | | | | | | 190 | |
| 4 | 178 | 499 | 479 | 5 | 201 155 | 46 | 146 | 486 | 447 | 5 | 170 122 | 48 | |
| | | | | | | 234 | | | | | | 238 | |
| B.M. 101-139 | | | | | | | | | | | | 234 | B.M. 101-139 (U.S.C.&G.S. 2302) |
| | 592 | 496 | | | | | 576 | 980 | | | | 472 | S.P.C.R. 0.1 MI. N. OF AVE. F. |
| | 576 | 980 | | | | | | | | | | | SEE F.B. 2410-42, 3737-54 |
| + | 15 | 516 | | | | | | | | | | | |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=92°

SURVEY BY G.E. DREIER WEATHER BREEZE INST. NO. 967

NOTES BY SIEMANN DATE 6-14-72 TIME 10:10 TO 11:25 ROD NO. 1713A

INDEXED C. J. GALLI DATE JUL 20 '72 NOTES CHKD. BLANCHARD DATE AUG 1 '72

F.B. 2877 PG. 189

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

F.B. 2877 PG. 190 JOB NO. 030102

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-14-72

INDEXED G. J. GALLI DATE

T=94°

WEATHER BREEZE INST. NO. 967

TIME 10:30 TO 10:50 ROD NO. 7134

NOTES CHKD BLANCHARD DATE AUG 17

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT | | BACKSIGHT STADIA | | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT | | FORESIGHT STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | FROM B.M. 101-139 TO B.M. 101-140 |
| B.M. 101-139 | | | | | | | | | | | | | B.M. 101-139 (U.S.C.&G.S. 2302) |
| 1 | 99 | 951 | 400 | 5 | 131 67 | 64 | 142 | 773 | 443 | 5 | 175 109 | 66 | S.P.C.R. 0.1 MI. N. OF AVE. F. |
| | | | | | | | | | | | | | SEE F.B. 2410-42, 3737-54 |
| 2 | 153 | 520 | 454 | 5 | 185 121 | 64 | 115 | 803 | 416 | 5 | 146 84 | 62 | |
| | | | | | | 128 | | | | | | 128 | |
| 3 | 207 | 790 | 508 | 5 | 239 175 | 64 | 196 | 812 | 497 | 5 | 228 164 | 64 | T = MALDONADO |
| | | | | | | 192 | | | | | | 192 | |
| 4 | 111 | 069 | 412 | 5 | 132 90 | 42 | 132 | 342 | 433 | 5 | 152 112 | 40 | |
| | | | | | | 234 | | | | | | 232 | |
| B.M. 101-140 | | | | | | | | | | | | 234 | B.M. 101-140 (U.S.C.&G.S. OBAN RM) |
| | 572 | 330 | | | | | 587 | 730 | | | | 466 | SIERRA HWY. 0.4 MI. N. OF AVE. F. |
| | | | | | | | 572 | 330 | | | | | SEE F.B. 2410-42, 3737-56 |
| | | | | | | | - 15 | 400 | | | | | |

76P526B CE # 308 8/68

PLEASE RETURN TO
**LOS ANGELES COUNTY ENGINEER**
403 LOS ANGELES COUNTY ENGINEERING BLDG.

**NOTE:** ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T = 94°
SURVEY BY G.E. DREIER WEATHER BREEZE INST. NO 9671
NOTES BY SIEMANN DATE 6-14-72 TIME 11:30 TO 11:50 ROD NO 17234
INDEXED E.J. GALLI DATE JUN 20 72 NOTES CHKD BLANCHARD DATE AUG 1 72
F.B. 2877 PG. 141

| STATION | BACKSIGHT Right | Mic. | Left | | Stadia | | FORESIGHT Right | Mic. | Left | | Stadia | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | FROM B.M.101-139 TO B.M.103-1 |
| B.M.101-139 | | | | | | | | | | | | | B.M.101-139 (U.S.C.&G.S. 2302) |
| 1 | 165 | 077 | 466 | 5 | 197 133 | 64 | 193 | 643 | 494 | 5 | 223 163 | 60 | S.P.C.R. 0.1 MI. N. OF AVE. F |
| | | | | | | | | | | | | | SEE F.B. 2410-42, 3737-54 |
| 2 | 182 | 228 | 483 | 5 | 212 152 | 60 | 127 | 299 | 428 | 5 | 137 77 | 60 | |
| | | | | | | 124 | | | | | | 120 | |
| 3 | 138 | 168 | 439 | 5 | 178 106 | 64 | 142 | 072 | 443 | 5 | 177 107 | 70 | |
| | | | | | | 188 | | | | | | 190 | T = MALDONADO |
| 4 | 139 | 771 | 440 | 5 | 169 109 | 60 | 130 | 721 | 431 | 5 | 160 100 | 60 | |
| | | | | | | 248 | | | | | | 250 | |
| 5 | 140 | 718 | 441 | 5 | 172 108 | 64 | 190 | 226 | 491 | 5 | 222 158 | 64 | |
| | | | | | | 312 | | | | | | 314 | |
| B.M.103-1 | | | | | | | | | | | | 312 | B.M.103-1 |
| | 765 | 962 | | | | | 783 | 961 | | | | 626 | AVE. F 0.2 MI. W. OF SIERRA HWY. |
| | | | | | | | 765 | 962 | | | | | SEE F.B. 2415-7 |
| | | | | | | -- | 17 | 999 | | | | | |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

F.B. 2877 PG. 192 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DEEIEE NOTES SIEMAND 6-14-72

INDEXED G. J. GALLI DATE

WEATHER BREEZE T=94° INST. NO. 967

TIME 10:10 TO 10:30 ROD NO. 1731

NOTES CHKD. BLANCHARD DATE AUG 1 72

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | | BACKSIGHT STADIA | | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | | FORESIGHT STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | FROM B.M.103-1 TO B.M.101-~~140~~ 139 |
| B.M.103-1 | | | | | | | | | | | | | B.M.103-1 (SEC. COR. 27,28,33,34, |
| 1 | 200 | 100 | 501 | 5 | 233 167 | 66 | 153 | 719 | 454 | 5 | 186 120 | 66 | AVE. F 0.2 W. OF SIERRA HWY. |
| | | | | | | | | | | | | | SEE F.B. 2415-7 |
| 2 | 143 | 318 | 444 | 5 | 175 111 | 64 | 150 | 662 | 451 | 5 | 182 118 | 64 | |
| | | | | | | 130 | | | | | | 130 | |
| 3 | 149 | 333 | 450 | 5 | 181 117 | 64 | 202 | 256 | 503 | 5 | 237 171 | 62 | |
| | | | | | | 194 | | | | | | 192 | T = MALDONADO |
| 4 | 192 | 672 | 493 | 5 | 224 160 | 64 | 144 | 588 | 445 | 5 | 178 110 | 68 | |
| | | | | | | 258 | | | | | | 260 | |
| 5 | 96 | 649 | 397 | 5 | 121 71 | 50 | 112 | 990 | 413 | 5 | 134 90 | 44 | |
| | | | | | | 308 | | | | | | 304 | |
| B.M.101-139 | | | | | | | | | | | | 308 | B.M.101-139 (U.S.C.&G.S. 2302) |
| | 782 | 072 | | | | | 764 | 215 | | | | 612 | S.P.C.R. 0.1 MI. N. OF AVE. F. |
| | 764 | 215 | | | | | | | | | | | SEE F.B. 2410-42, 3737-54. |
| + | 17 | 857 | | | | | | | | | | | |

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM BM 103-1 TO BM 103-2 |
| BM 103-1 | 343 | | | | | | | | BM 103-1 (T8N, R12W, 27, 28, 33, 34) |
| 1 | 215 | 188 | 516 5 | 249 181 68 | 135 | 780 | 436 5 | 169 101 68 | Ave. F & 0.2 mi W. of Sierra Hwy. |
| | | | | | | | | | See F.B. ~~2410-42~~ |
| 2 | 139 | 628 | 440 5 | 173 105 68 | 162 | 011 | 463 5 | 198 126 72 | ~~3737-54~~ 2415-7 |
| | | | | 136 | | | | 140 | |
| 3 | 164 | 790 | 465 5 | 199 129 70 | 152 | 975 | 453 5 | 186 118 68 | |
| | | | | 206 | | | | 208 | T-Siemann |
| 4 | 159 | 417 | 460 5 | 194 124 70 | 151 | 968 | 452 5 | 186 116 70 | |
| | | | | 276 | | | | 278 | |
| 5 | 152 | 030 | 453 5 | 187 117 70 | 148 | 765 | 449 5 | 181 115 66 | |
| | | | | 346 | | | | 344 | |
| 6 | 178 | 590 | 479 5 | 213 143 70 | 140 | 728 | 441 5 | 175 105 70 | |
| | | | | 416 | | | | 414 | |
| 7 | 163 | 950 | 464 5 | 167 159 8 | 161 | 710 | 462 5 | 166 156 10 | |
| | | | | 424 | | | | 424 | |
| | | | | | | | | 424 | |
| | 1173 | 593 | | | 1053 | 937 | | 848 | |
| | 1053 | 937 | | | | | | | BM 103-2 (BM AVA 14 RE 63) |
| BM 103-2 | +119 | 656 | | | | | | | Ave. F & 0.7 mi W. of Sierra Hwy., near T.P.# K2768Y |
| | | | | | | | | | See F.B. 2415-8 |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 6-14-72 WEATHER Hazy Sun & Br INST. NO. 967

INDEXED C. J. GALLI DATE JUL 20 72 TIME 1:10 to 1:35 ROD NO. 1713A

NOTES CHKD. BLANCHARD DATE AUG 1 72

T-94°

F.B. 2877 PG. 19

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM BM103-2 TO BM103-1 |
| BM103-2 | | | | 145 | | | | 175 | BM103-2 (BM AVA 14, R.E. 63) |
| 1 | 104 | 319 | 405 5 | 63 82 | 136 | 309 | 437 5 | 97 78 | Ave. F & 0.7 mi. W. of Sierra Hwy. |
| | | | | 160 | | | | 169 | & P.P.# K 2768Y. |
| 2 | 120 | 393 | 421 5 | 80 80 | 129 | 650 | 430 5 | 89 80 | see F.B. 2415-8 |
| | | | | 172 162 | | | | 185 158 | |
| 3 | 132 | 349 | 433 5 | 92 80 | 147 | 141 | 448 5 | 109 76 | |
| | | | | 171 242 | | | | 170 234 | T-Siemann |
| 4 | 131 | 781 | 432 5 | 91 80 | 127 | 735 | 428 5 | 84 86 | |
| | | | | 192 322 | | | | 231 320 | |
| 5 | 153 | 206 | 454 5 | 114 78 | 192 | 590 | 493 5 | 153 78 | |
| | | | | 162 400 | | | | 192 398 | |
| 6 | 154 | 280 | 455 5 | 146 16 | 183 | 057 | 484 5 | 174 18 | |
| | | | | 416 | | | | 416 | |
| | | | | | | | | 416 | |
| | 896 | 328 | | | 916 | 482 | | 832 | |
| | 7 | | | | 896 | 328 | | | |
| | | | | | 020 | 154 | | | |
| | | | | | 1 | | | | |
| BM103-1 | | | | | | | | | BM103-1 (T8N, R12W, 27, 28, 33, 34) |
| | | | | | | | | | Ave. F & 0.2 mi. W. of Sierra Hwy. |
| | | | | | | | | | see F.B. 2415-7 ℄ |

F.B. 2877 PG. 194

JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 6-22-72

INDEXED C. J. GALLI DATE

WEATHER Hazy & Windy INST. NO. 9671

TIME 10:15 to 10:40 ROD NO. 17134

NOTES CHKD. BLANCHARD DATE 17

T-80°

76P526B CE # 308 8/68

PLEASE RETURN TO
**LOS ANGELES COUNTY ENGINEER**
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT Re-Run | | | | | | FORESIGHT | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM 103-1 TO BM 103-2 |
| BM 103-1 | | | | | 240 | | | | | | 162 | | BM 103-1 (T8N, R12W, 27,28,33,34) |
| 1 | 198 | 459 | 499 | 5 | 156 | 84 | 120 | 119 | 421 | 5 | 78 | 84 | Ave. F & 0.2 mi. W. of Sierra Hwy |
| | | | | | 175 | | | | | | 194 | | See F.B 2415-7 |
| 2 | 139 | 219 | 440 | 5 | 103 | 72 | 159 | 015 | 460 | 5 | 124 | 70 | |
| | | | | | 203 | 156 | | | | | 194 | 154 | |
| 3 | 167 | 810 | 468 | 5 | 131 | 72 | 158 | 271 | 459 | 5 | 122 | 72 | |
| | | | | | 190 | 228 | | | | | 189 | 226 | T-Siemann |
| 4 | 154 | 945 | 455 | 5 | 118 | 72 | 153 | 171 | 454 | 5 | 118 | 72 | |
| | | | | | 198 | 300 | | | | | 166 | 298 | 1st Re-Run |
| 5 | 162 | 240 | 463 | 5 | 126 | 72 | 132 | 690 | 433 | 5 | 98 | 78 | |
| | | | | | 173 | 372 | | | | | 156 | 376 | |
| 6 | 151 | 901 | 452 | 5 | 129 | 44 | 131 | 301 | 432 | 5 | 106 | 50 | |
| | | | | | | 416 | | | | | | 426 | |
| | | | | | | | | | | | | 416 | |
| | 974 | 574 | | | | | 854 | 567 | | | | 842 | |
| | 854 | 567 | | | | | | | | | | | |
| | +120 | 007 | | | | | | | | | | | |
| BM 103-2 | | | | | | | | | | | | | BM 103-2 (AVA 14 R.E. 63) |
| | | | | | | | | | | | | | Ave. F 0.7 mi. W. of Sierra Hwy. |
| | | | | | | | | | | | | | & P.P. # K 2768Y |
| | | | | | | | | | | | | | See F.B 2415-8 |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-74°
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 6-22-72 WEATHER Hazy & Windy INST. NO. 967
INDEXED C. J. GALLI DATE JUL 20 72 TIME 11:20 to 11:45 ROD NO. 1713A
NOTES CHKD. BLANCHARD DATE 1 72
F.B. 2877 PG. 19

F.B. 2877 Pg. 196 JOB NO. 0301.02

T-

SURVEY OF L.A. Co. Precise Level Net

WEATHER _____ INST. NO. 967

SURVEY BY Dreier NOTES Maldonado 6-22-72

TIME _____ ROD NO. 1713

INDEXED _____ DATE _____

NOTES CHKD _____ DATE _____

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

| STATION | BACKSIGHT | | | | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | |
| | | | | | | | | | FROM BM 1032 TO BM 1031 |

76P526B CE # 308 8/68

PLEASE RETURN TO
**LOS ANGELES COUNTY ENGINEER**
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-94'
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 6-14-72 WEATHER Hazy Sun & Br. INST. NO. 9671
INDEXED C. J. GALLI DATE JUL 20 72 TIME 1:35 to 2:00 ROD NO. 1713A
NOTES CHKD BLANCHARD DATE AUG 1 72
F.B. 2877 PG. 19

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | | BACKSIGHT STADIA | | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | | FORESIGHT STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | FROM BM103-2 TO BM103-3 |
| BM103-2 | | | | | 203 | | | | | | 186 | | BM103-2 (BM AVA 14, R.E. 63) |
| 1 | 168 | 500 | 469 | 5 | 133 | 70 | 150 | 035 | 451 | 5 | 114 | 72 | Ave. F, & 0.7 mi. W. of Sierra Hwy, |
| | | | | | 197 | | | | | | 182 | | near T.P. # K2768Y |
| 2 | 163 | 649 | 464 | 5 | 129 | 68 | 147 | 577 | 448 | 5 | 112 | 70 | See F.B. 2415-8 |
| | | | | | 197 | 138 | | | | | 183 | 142 | |
| 3 | 163 | 190 | 464 | 5 | 129 | 68 | 149 | 150 | 450 | 5 | 115 | 68 | |
| | | | | | 202 | 206 | | | | | 183 | 210 | π-Siemann |
| 4 | 167 | 215 | 468 | 5 | 132 | 70 | 148 | 077 | 449 | 5 | 113 | 70 | |
| | | | | | 208 | 276 | | | | | 186 | 280 | |
| 5 | 174 | 828 | 475 | 5 | 140 | 68 | 152 | 438 | 453 | 5 | 118 | 68 | |
| | | | | | 180 | 344 | | | | | 147 | 348 | |
| 6 | 150 | 910 | 451 | 5 | 120 | 60 | 117 | 130 | 418 | 5 | 87 | 60 | |
| | | | | | | 404 | | | | | | 408 | |
| | | | | | | | | | | | | 404 | |
| | 988 | 292 | | | | | 864 | 407 | | | | 812 | |
| | 864 | 407 | | | | | | | | | | | BM103-3 (AVA 13, R.E. 63) |
| BM103-3 | +123 | 885 | | | | | | | | | | | Ave. F, & 20th St. W. |
| | | | | | | | | | | | | | See F.B. 2415-9 |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

F.B. 2877 PG. 198 JOB NO. 0301.02

SURVEY OF LA Precise Level Net

SURVEY BY Preier NOTES Mazlo/nado 6-21-72

INDEXED C. J. GALLI DATE

WEATHER Sunny & Br. INST. NO. 967

TIME 2:00 to 2:25 ROD NO. 1713A

NOTES CHKD. BLANCHARD DATE AUG 1 72

T-98°

| STATION | BACKSIGHT Right | Mic. | Left. | | Stadia | | FORESIGHT Right | Mic. | Left. | | Stadia | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | From BM 103-3 To BM 103-2 |
| BM 103-3 | | | | | 130 | | | | | | 162 | | BM 103-3 (AVA 13, R.E. 63) |
| 1 | 95 | 899 | 396 | 5 | 60 | 70 | 127 | 160 | 428 | 5 | 92 | 70 | Ave. F & 20th St. W. |
| | | | | | 138 | | | | | | 168 | | See F.B. 2415-9 |
| 2 | 103 | 850 | 404 | 5 | 68 | 70 | 133 | 436 | 434 | 5 | 98 | 70 | |
| | | | | | 156 | 140 | | | | | 176 | 140 | |
| 3 | 122 | 421 | 423 | 5 | 88 | 68 | 142 | 238 | 443 | 5 | 108 | 68 | X-Siemann |
| | | | | | 151 | 208 | | | | | 158 | 208 | |
| 4 | 116 | 419 | 417 | 5 | 81 | 70 | 122 | 051 | 423 | 5 | 86 | 72 | |
| | | | | | 158 | 278 | | | | | 177 | 280 | |
| 5 | 123 | 111 | 424 | 5 | 88 | 70 | 143 | 270 | 444 | 5 | 109 | 68 | |
| | | | | | 152 | 348 | | | | | 170 | 348 | |
| 6 | 124 | 980 | 425 | 5 | 96 | 56 | 142 | 461 | 443 | 5 | 114 | 56 | |
| | | | | | | 404 | | | | | | 404 | |
| | | | | | | | | | | | | 404 | |
| | 686 | 680 | | | | | 810 | 616 | | | | 808 | BM 103-2 (AVA 14 R.E. 63) |
| BM 103-2 | | | | | | | 686 | 680 | | | | | Ave F & 0.7 mi. W of Sierra Hwy. |
| | | | | | | | 123 | 936 | | | | | See F.B. 2415-8 near T.P. #2768 |

76P526B CE # 308 8/68

PLEASE RETURN TO
**LOS ANGELES COUNTY ENGINEER**
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | | BACKSIGHT STADIA | | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | | FORESIGHT STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | FROM BM103-3 TO BM103-4 |
| BM103-3 | | | | | 196 | | | | | | 73 | | BM103-3 (AVA 13, R.E. 63) |
| 1 | 174 | 232 | 475 | 5 | 152 | 44 | 52 | 679 | 353 | 5 | 31 | 42 | Ave. F & 20th St. W., ~~286 FT SE TR~~ |
| | | | | | 275 | | | | | | 43 | | See F.B. 2415-9 ~~K10948Y~~ |
| 2 | 260 | 159 | 561 | 5 | 245 | 30 | 27 | 799 | 328 | 5 | 11 | 32 | |
| | | | | | 305 | 74 | | | | | 74 | 74 | |
| 3 | 289 | 415 | 590 | 5 | 273 | 32 | 58 | 230 | 359 | 5 | 42 | 32 | T-Siemann |
| | | | | | 286 | 106 | | | | | 102 | 106 | |
| 4 | 265 | 259 | 566 | 5 | 244 | 42 | 81 | 585 | 382 | 5 | 60 | 42 | |
| | | | | | 244 | 148 | | | | | 246 | 148 | |
| 5 | 212 | 240 | 513 | 5 | 180 | 64 | 213 | 159 | 514 | 5 | 180 | 66 | |
| | | | | | 92 | 212 | | | | | 282 | 214 | |
| 6 | 70 | 980 | 371 | 5 | 48 | 44 | 260 | 771 | 561 | 5 | 238 | 44 | |
| | | | | | 43 | 256 | | | | | 299½ | 258 | |
| 7 | 24 | 146 | 325 | 5 | 5 | 38 | 299 | 428 | 500 | 5 | 281½ | 36 | |
| | | | | | 45½ | 294 | | | | | 232 | 294 | |
| 8 | 14 | 627 | 315 | 5 | 14½ | 62 | 201 | 918 | 502 | 5 | 170 | 62 | |
| | | | | | 164 | 356 | | | | | 160 | 356 | |
| 9 | 140 | 239 | 441 | 5 | 116 | 48 | 138 | 228 | 439 | 5 | 116 | 44 | |
| | | | | | | 404 | | | | | | 400 | |
| 10 | | | | 5 | | | | | | 5 | | 404 | |
| | 1451 | 287 | | | | | 1333 | 797 | | | | 804 | |
| | 1333 | 797 | | | | | | | | | | | |
| BM103-4 | 117 | 490 | | | | | | | | | | | BM103-4 (AVA 12, R.E. 63) |
| | | | | | | | | | | | | | Ave. F & 25th St. W. |
| | | | | | | | | | | | | | See F.B. 2415-10 |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 6-14-72
INDEXED C. J. GALLI DATE JUL 20 72
WEATHER Hazy Sun & Br. INST. NO. 9671
TIME 2:00 to 2:25 ROD NO. 1713A
NOTES CHKD BLANCHARD DATE AUG 17
T-94°
F.B. 2877 PG. 199

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

F.B. 2877 PG. 200 JOB NO. 030102

SURVEY OF LA Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 6-21-72

INDEXED C. J. GALLI DATE

T-98°

WEATHER Sunny & Dry INST. NO. 9671

TIME 1:30 to 2:00 ROD NO. 7134

NOTES CHKD. BLANCHARD DATE 1-7

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | | BACKSIGHT STADIA | | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | | FORESIGHT STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | FROM BM103-4 TO BM103-3 |
| BM 103-4 | | | | | 165 | | | | | | 154 | | BM 103-4 (AVA 12, R.E. 63) |
| 1 | 129 | 370 | 430 | 5 | 93 | 72 | 119 | 798 | 420 | 5 | 84 | 70 | Ave. F & 25th St. W. |
| | | | | | 327 | 9 | | | | | 102 | | See F.B. 2415-10 |
| 2 | 212 | 701 | 513 | 5 | ~~127~~ 197 | 80 | 87 | 495 | 388 | 5 | 72 | 30 | |
| | | | | | 289 | 102 | | | | | 57 | 100 | |
| 3 | 273 | 561 | 574 | 5 | 257 | 32 | 41 | 548 | 342 | 5 | 25 | 32 | |
| | | | | | 293 | 134 | | | | | 102 | 132 | |
| 4 | 275 | 501 | 576 | 5 | 257 | 36 | 85 | 834 | 386 | 5 | 68 | 34 | K-Siemann |
| | | | | | 306½ | 170 | | | | | 199 | 166 | |
| 5 | 270 | 991 | 571 | 5 | 270 | 72 | 160 | 600 | 461 | 5 | 121 | 78 | |
| | | | | | 93 | 242 | | | | | 296 | 244 | |
| 6 | 66 | 968 | 367 | 5 | 39 | 54 | 268 | 119 | 569 | 5 | 240 | 56 | |
| | | | | | 62 | 296 | | | | | 306 | 300 | |
| 7 | 46 | 261 | 347 | 5 | 30 | 32 | 290 | 480 | 591 | 5 | 274 | 32 | |
| | | | | | 46 | 328 | | | | | | 332 | |
| 8 | 29 | 629 | 330 | 5 | 12 | 34 | 271 | 393 | 572 | 5 | 288 259 | 34 | |
| | | | | | 100 | 362 | | | | | 195 | 366 | |
| 9 | 80 | 635 | 381 | 5 | 60 | 40 | 177 | 569 | 478 | 5 | 159 | 36 | |
| | | | | | | 402 | | | | | | 402 | |
| | | | | | | | | | | | | 402 | |
| | 1385 | 617 | | | | | 1502 | 836 | | | | 804 | BM103-3 (AVA 13 R.E. 63) |
| BM 103-3 | | | | | | | 1385 | 617 | | | | | Ave. F & 20th St. W. |
| | | | | | | | 117 | 219 | | | | | See F.B. 2415-9 |

76P526B CE # 308 8/68

PLEASE RETURN TO
**LOS ANGELES COUNTY ENGINEER**
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY: G.E. Dreier DATE 6-22-72 WEATHER Hazy Sun & Wind TEMP. 70°

NOTES BY: M. Valentich TIME 1:10 to 1:55 INST. NO. 9671

INDEXED: C. J. GALLI DATE JUL 20 72 NOTES CHKD. Y. BLANCHARD DATE AUG 17 ROD NO. 1713A

F.B. 2877 PG. 20

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | | BACKSIGHT STADIA | | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | | FORESIGHT STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | FROM BM 103-3 TO BM 103-4 |
| 3M 103-3 | | | | | | | | | | | | | BM 103-3 (AVA 13 R.E.63) |
| 1 | 210 | 477 | 511 | 5 | 237 183 | 54 | 43 | 784 | 344 | 5 | 68 18 | 50 | Ave. F, & 20th St. W. |
| | | | | | | | | | | | | | See F.B. 2415-9 |
| 2 | 295 | 561 | 596 | 5 | 295 279 1/2 | 32 | 33 | 159 | 3 434 | 5 | 48 18 | 30 | |
| | | | | | | 86 | | | | | 80 | 80 | |
| 3 | 300 | 628 | 601 | 5 | 300 1/2 280 | 40 | 61 | 230 | 362 | 5 | 42 | 38 | |
| | | | | | | 126 | | | | | | 118 | |
| 4 | 262 | 460 | 563 | 5 | 288 236 | 52 | 111 | 831 | 412 | 5 | 138 84 | 54 | T. Siemann |
| | | | | | 153 | 178 | | | | | 245 | 172 | 1st Re-Run |
| 5 | 126 | 390 | 427 | 5 | 98 | 55 | 219 | 091 | 520 | 5 | 193 | 52 | |
| | | | | | 72 | 233 | | | | | 301 | 224 | |
| 6 | 51 | 080 | 352 | 5 | 30 | 42 | 281 | 850 | 582 | 5 | 261 | 40 | |
| | | | | | 53 | 275 | | | | | 276 | 264 | |
| 7 | 37 | 849 | 338 | 5 | 21 | 32 | 261 | 946 | 562 | 5 | 246 | 30 | |
| | | | | | 68 | 307 | | | | | 231 | 294 | |
| 8 | 43 | 170 | 344 | 5 | 18 | 50 | 199 | 029 | 500 | 5 | 167 | 64 | |
| | | | | | 155 | 357 | | | | | 152 | 358 | |
| 9 | 132 | 410 | 433 | 5 | 109 | 46 | 130 | 240 | 431 | 5 | 108 | 44 | |
| | | | | | | 403 | | | | | | 402 | |
| | | | | | | | | | | | | 403 | |
| | 1469 | 025 | | | | | 1342 | 160 | | | | 805 | |
| | 1342 | 160 | | | | | | | | | | | |
| | +117 | 865 | | | | | | | | | | | |
| 3M 103-4 | | | | | | | | | | | | | BM 103-4 (AVA 12 R.E.63) |
| | | | | | | | | | | | | | Ave. F, & 25th St. W |
| | | | | | | | | | | | | | See F.B. 2415-10 |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

T-72°

WEATHER Sunny & Windy INST. NO. 9671
TIME 10:25 to 10:55 ROD NO. 17134
NOTES CHKD. BLANCH DATE AUG 1-

F.B. 2877 PG. 202 JOB NO. 0301.02
SURVEY OF L.A. Co. Precise Level Net
SURVEY BY Dreier NOTES Maldonado 6-23-72
INDEXED G. J. GALLI DATE

| STATION | BACKSIGHT Re-Run | | | | | | FORESIGHT | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM 103-4 TO BM 103-3 |
| BM 103-4 | | | | | 154 | | | | | | 156 | | BM 103-4 (AVA 12 R.E. 63) |
| 1 | 122 | 777 | 423 | 5 | 90 | 64 | 124 | 810 | 425 | 5 | 92 | 64 | Ave. F & 25th St. W |
| | | | | | 242 | | | | | | 64 | | See F.B. 2415-10 |
| 2 | 220 | 970 | 521 | 5 | 198 | 44 | 43 | 950 | 344 | 5 | 22 | 42 | |
| | | | | | 282 | 108 | | | | | 64 | 106 | |
| 3 | 267 | 449 | 568 | 5 | 252 | 30 | 49 | 801 | 350 | 5 | 34 | 30 | T-Siemann |
| | | | | | 287 | 138 | | | | | 98 | 136 | |
| 4 | 269 | 457 | 570 | 5 | 251 | 36 | 80 | 410 | 381 | 5 | 62 | 36 | |
| | | | | | 290 | 174 | | | | | 176 | 172 | 1st Re-Run |
| 5 | 260 | 261 | 561 | 5 | 230 | 60 | 145 | 321 | 446 | 5 | 114 | 62 | |
| | | | | | 92 | 234 | 7 | | | | 303 | 234 | |
| 6 | 62 | 925 | 363 | 5 | 32 | 60 | 223 | 572 | 574 | 5 | 243 | 60 | |
| | | | | | 55 | 294 | | | | | 294 | 294 | |
| 7 | 38 | 261 | 339 | 5 | 21 | 34 | 294 | 181 | 595 | 5 | 277½ | 34 | |
| | | | | | 50 | 328 | | | | | 292 | 328 | |
| 8 | 33 | 075 | 334 | 5 | 16 | 34 | 275 | 100 | 576 | 5 | 258 | 34 | |
| | | | | | 98 | 382 | | | | | 203 | 362 | |
| 9 | 78 | 200 | 379 | 5 | 58 | 40 | 183 | 999 | 484 | 5 | 163 | 40 | |
| | | | | | | 402 | | | | | | 402 | |
| | | | | | | | | | | | | 402 | |
| | 1353 | 375 | | | | | 1471 | 144 | | | | 804 | |
| | | | | | | | 1353 | 375 | | | | | |
| BM 103-3 | | | | | | | 117 | 769 | | | | | BM 103-3 (AVA 13 R.E. 63) |
| | | | | | | | | | | | | | Ave. F & 20th St. W. |
| | | | | | | | | | | | | | See F.B. 2415-9 |

76P526B CE # 308 8/68

PLEASE RETURN TO
**LOS ANGELES COUNTY ENGINEER**
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. Dreier
NOTES BY Maldonado DATE 6-23-72
INDEXED C. J. GALLI DATE JUL 20 72
WEATHER Sunny & Windy
TIME 11:10 40
NOTES CHKD BLANCHARD DATE AUG 1
INST. NO. 96711
ROD NO. 1713A
F.B. 2877 PG. 203
T-78°

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | | BACKSIGHT STADIA | | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | | FORESIGHT STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | FROM BM103-3 TO BM103-4 |
| BM103-3 | | | | | 245 | | | | | | 30 | | BM103-3 (AVA 13 R.E.63) |
| 1 | 217 | 761 | 518 | 5 | 189 | 56 | 4 | 500 | 305 | 5 | 4½ | 52 | Ave. F & 20th St. W |
| | | | | | 298½ | | | | | | 30½ | | See F.B. 2415-9 |
| 2 | 298 | 471 | 599 | 5 | 281 | 34 | 11 | 401 | 312 | 5 | 11½ | 38 | |
| | | | | | 302 | 90 | | | | | 80 | 90 | |
| 3 | 282 | 790 | 583 | 5 | 261 | 41 | 59 | 450 | 360 | 5 | 38 | 42 | K-Siemann |
| | | | | | 278 | 131 | | | | | 194 | 132 | |
| 4 | 247 | 235 | 548 | 5 | 216 | 62 | 163 | 051 | 464 | 5 | 132 | 62 | 2nd Re-Run |
| | | | | | 118½ | 193 | | | | | 256 | 194 | |
| 5 | 96 | 149 | 397 | 5 | 96½ | 44 | 235 | 219 | 536 | 5 | 214 | 42 | |
| | | | | | 87 | 237 | | | | | 282 | 236 | |
| 6 | 70 | 790 | 371 | 5 | 53 | 34 | 266 | 099 | 567 | 5 | 250 | 32 | |
| | | | | | 52 | 271 | | | | | 278 | 268 | |
| 7 | 35 | 688 | 336 | 5 | 18 | 34 | 262 | 632 | 563 | 5 | 246 | 32 | |
| | | | | | 82 | 305 | | | | | 213 | 300 | |
| 8 | 56 | 139 | 357 | 5 | 30 | 52 | 188 | 080 | 489 | 5 | 161 | 52 | |
| | | | | | 162 | 357 | | | | | 163 | 352 | |
| 9 | 141 | 822 | 442 | 5 | 120 | 42 | 138 | 742 | 439 | 5 | 113 | 50 | |
| | | | | | | ~~403~~ | | | | | | 402 | |
| | | | | | | 399 | | | | | | ~~401~~ | |
| | 1456 | 845 | | | | | 1329 | 174 | | | | ~~803~~ | |
| | 4 | | | | | | | | | | | 399 | |
| | 1329 | 174 | | | | | | | | | | 801 | |
| BM103-4 | +117 | 671 | | | | | | | | | | | |
| | | | | | | | | | | | | | BM103-4 (AVA 12 R.E.63) |
| | | | | | | | | | | | | | Ave. F & 25th St. W. |
| | | | | | | | | | | | | | See F.B. 2415-10 |

PLEASE RETURN TO

# LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | | BACKSIGHT STADIA | | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | | FORESIGHT STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | FROM BM 103-4 TO 103-3 |
| BM103-4 | | | | | ~~191~~ | | | | | | ~~172~~ | | BM 103-4 (AVA 12 R.E 63) |
| 1 | ~~153~~ | ~~855~~ | ~~454~~ | ~~5~~ | ~~115~~ | ~~76~~ | ~~134~~ | ~~880~~ | ~~435~~ | ~~5~~ | ~~96~~ | ~~76~~ | Ave. F, & 25th St. W. |
| | | | | | ~~250~~ | | | | | | ~~69~~ | | See F.B. 2415-10 |
| 2 | ~~233~~ | ~~940~~ 3 | ~~534~~ | ~~5~~ | ~~216~~ | ~~34~~ | ~~52~~ | ~~859~~ | ~~353~~ | ~~5~~ | ~~35~~ | ~~34~~ | |
| | | | | | | ~~110~~ | | | | | | ~~110~~ | |
| 3 | ~~283~~ | ~~330~~ | ~~584~~ | ~~5~~ | ~~300~~ ~~266~~ | ~~34~~ | | | | | | | |
| | | | | | | ~~144~~ | | | | | | | |
| 4 1 | 159 | 252 | 460 | 5 | 193 125 | 68 | 152 | 716 | 453 | 5 | 188 116 | 72 | T-Siemann |
| | | | | | 260 | | | | | | 49 | | 2nd Re-Run |
| 5 2 | 239 | 981 | 540 | 5 | 218 | 42 | 28 | 342 | 329 | 5 | 7 | 42 | |
| | | | | | 301 | 110 | | | | | 76 | 114 | |
| 6 3 | 284 | 741 | 585 | 5 | 267 | 34 | 61 | 532 | 362 | 5 | 46 | 30 | |
| | | | | | 287½ | 144 | | | | | 109 | 142 | |
| 7 4 | ~~287~~ | ~~979~~ | ~~588~~ | ~~5~~ | ~~262½~~ | ~~50~~ | ~~84~~ | ~~603~~ | ~~385~~ | ~~5~~ | ~~59~~ | ~~50~~ | |
| | | | | | 225 | 194 | | | | | 284 | 194 | |
| 5 | 189 | 780 | 490 | 5 | 153 | 72 | 246 | 838 | 547 | 5 | 208 | 76 | |
| | | | | | 77 | 266 | | | | | 291 | 270 | |
| 8 6 | ~~57~~ | ~~390~~ | ~~358~~ | ~~5~~ | ~~37~~ | ~~40~~ | ~~271~~ | ~~499~~ | ~~572~~ | ~~5~~ | ~~251~~ | ~~40~~ | |
| | | | | | 41 | 306 | | | | | | 310 | |
| 7 | 24 | 462 | 325 | 5 | 7 | 34 | 292 | 201 | 593 | 5 | 292½ 275½ | 34 | |
| | | | | | 42 | 340 | | | | | 254 | 344 | |
| 8 | 22 | 092 | 323 | 5 | 2 | 40 | 234 | 259 | 535 | 5 | 214 | 40 | |
| | | | | | 142 | 380 | | | | | 154 | 384 | |
| 9 | ~~134~~ | ~~908~~ | ~~435~~ | ~~5~~ | ~~126~~ | ~~16~~ | ~~146~~ | ~~323~~ | ~~447~~ | ~~5~~ | ~~138~~ | ~~16~~ | |
| | | | | | | 396 | | | | | | 400 | |
| | | | | | | | | | | | | 396 | |
| BM103-3 | 1400 | 585 | | | | | 1518 | 313 | | | | 796 | BM 103-3 (AVA 13 R.E 63) |
| | | | | | | | 1400 | 585 | | | | | Ave F, & 20th St. W. |
| | | | | | | | 117 | 728 | | | | | See F.B. 2415-9 |

F.B. 2877 PG. 204 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 6-23-72

INDEXED C. J. GALLI DATE

T-~~74~~ 74°

WEATHER Sunny & Windy INST. NO. 967

TIME 11:20 to 1:50 ROD NO. 1713

NOTES CHKD. BLANCHARD DATE 1-7

76P526B CE # 308 8/68

PLEASE RETURN TO
**LOS ANGELES COUNTY ENGINEER**
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM B.M.103-4 TO B.M.103-5 |
| B.M.103-4 | | | | | | | | | B.M.103-4 (AVA 12) |
| 1 | 127 | 534 | 428 5 | 163 91 72 | 102 | 769 | 403 5 | 138 66 72 | AVE F & 25TH ST. W. |
| | | | | | | | | | SEE F.B. 2415-10 |
| 2 | 151 | 649 | 452 5 | 184 118 66 | 141 | 855 | 442 5 | 174 108 66 | |
| | | | | 138 | | | | 138 | |
| 3 | 160 | 801 | 461 5 | 192 128 64 | 134 | 763 | 435 5 | 166 102 64 | |
| | | | | 202 | | | | 202 | |
| 4 | 169 | 422 | 470 5 | 201 137 64 | 135 | 299 | 436 5 | 167 103 64 | π = OHASHI |
| | | | | 266 | | | | 266 | |
| 5 | 146 | 205 | 447 5 | 178 114 64 | 129 | 933 | 430 5 | 161 97 64 | |
| | | | | 330 | | | | 330 | |
| 6 | 153 | 722 | 454 5 | 184 122 62 | 141 | 160 | 442 5 | 171 111 60 | |
| | | | | 392 | | | | 390 | |
| 7 | 156 | 436 | 457 5 | 165 147 18 | 166 | 550 | 467 5 | 177 155 22 | |
| | | | | 410 | | | | 412 | |
| B.M.103-5 | | | | | | | | 410 | B.M.103-5 (AVA 11) |
| | 1065 | 769 | | | 952 | 329 | | 822 | AVE. F & 30TH ST. W. |
| | 952 | 329 | | | | | | | SEE F.B. 2415-11 |
| + | 113 | 440 | | | | | | | |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=96°
SURVEY BY G.E. DREIER WEATHER HAZY SUN INST. NO. 9671
NOTES BY SIEMANN DATE 6-15-72 TIME 10:40 TO 11:20 ROD NO. 1713A
INDEXED C. J. GALLI DATE JUL 20 72 NOTES CHKD. BLANCHARD DATE AUG 17

F.B. 2877 PG 205

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | | BACKSIGHT STADIA | | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | | FORESIGHT STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | FROM B.M.103-5 TO B.M.103-4 |
| B.M.103-5 | | | | | | | | | | | | | B.M.103-5 (AVA 11) |
| 1 | 161 | 100 | 162 | 5 | 173 129 | 64 | 169 | 722 | 470 | 5 | 201 137 | 64 | AVE. F & 30TH ST. W. |
| | | | | | | | | | | | | | SEE F.B. 2415-11 |
| 2 | 138 | 513 | 439 | 5 | 172 104 | 68 | 158 | 792 | 459 | 5 | 191 125 | 66 | |
| | | | | | | 132 | | | | | | 130 | |
| 3 | 136 | 525 | 437 | 5 | 170 102 | 68 | 156 | 184 | 457 | 5 | 191 121 | 70 | |
| | | | | | | 200 | | | | | | 200 | |
| 4 | 127 | 495 | 428 | 5 | 161 93 | 68 | 155 | 818 | 456 | 5 | 187 123 | 64 | |
| | | | | | | 268 | | | | | | 264 | ⊼ = OHASHI |
| 5 | 151 | 560 | 452 | 5 | 184 118 | 66 | 163 | 059 | 464 | 5 | 197 129 | 68 | |
| | | | | | | 334 | | | | | | 332 | |
| 6 | ~~112~~ 129 | ~~991~~ 910 | 430 | 5 | 163 95 | 68 | 180 | 055 | 481 | 5 | 214 146 | 68 | |
| | | | | | | 402 | | | | | | 400 | |
| 7 | 142 | 195 | 443 | 5 | 145 139 | 6 | 117 | 385 | 418 | 5 | 120 114 | 6 | |
| | | | | | | 408 | | | | | | 406 | |
| B.M.103-4 | | | | | | | | | | | | 408 | B.M. 103-4 (AVA 12) |
| | 987 | 298 | | | | | 1101 | 015 | | | | 814 | AVE F. & 25TH ST. W. S.E. COR. |
| | | | | | | | 987 | 298 | | | | | SEE F.B. 2415-10 |
| | | | | | | - | 113 | 717 | | | | | |

F.B. 2877 PG. 206

JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-21-72

INDEXED C. J. GALLI DATE

NOTES CHKD BLANCHARD DATE

WEATHER PTLY CLOUDY INST. NO 9671

TIME 11:40 TO 12:00 ROD NO 7132

T = 96° WINDY BELOW THE CANYONS

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM B.M. 103-4 TO B.M. 103-5 |
| M 103-4 | | | | | | | | | B.M. 103-4 (AVA-12) |
| 1 | 152 | 943 | 453 5 | 185 119 66 | 131 | 541 | 432 5 | 164 98 66 | AVE. F & 25TH ST. W. S.E. COR. |
| | | | | | | | | | SEE F.B. 2415-10 |
| 2 | 157 | 965 | 458 5 | 189 125 64 | 139 | 543 | 440 5 | 170 108 62 | |
| | | | | 130 | | | | 128 | |
| 3 | 149 | 385 | 450 5 | 177 121 56 | 134 | 839 | 435 5 | 165 103 62 | |
| | | | | 186 | | | | 190 | |
| 4 | 158 | 460 | 459 5 | 186 130 56 | 126 | 933 | 427 5 | 154 98 56 | π = OHASHI |
| | | | | 242 | | | | 246 | RERUN |
| 5 | 145 | 742 | 446 5 | 170 116 54 | 132 | 000 | 433 5 | 161 103 58 | |
| | | | | 296 | | | | 304 | |
| 6 | 154 | 726 | 455 5 | 182 126 56 | 138 | 470 | 439 5 | 161 115 46 | |
| | 919 | 221 | | 352 | 803 | 326 | | 350 | |
| 7 | 157 | 898 | 458 5 | 183 131 52 | 160 | 310 | 461 5 | 190 130 60 | |
| | | | | 404 | | | | 410 | |
| M. 103-5 | | | | | | | | 404 | B.M. 103-5 (AVA 11) |
| | 1077 | 119 | | | 963 | 636 | | 814 | AVE. F & 30TH ST. W. S.E. COR. |
| | 963 | 636 | | | | | | | SEE F.B. 2415-11 |
| + | 113 | 483 | | | | | | | |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 6-23-72

INDEXED C. J. GALLI DATE JUL 20 72

WEATHER VERY WINDY INST. NO. 96 7

TIME 2:00 TO ROD NO. 1713A

NOTES CHKD BLANCHARD DATE AUG 1 72

T=

F.B. 2877 PG. 207

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | | BACKSIGHT STADIA | | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | | FORESIGHT STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | FROM B.M. 103-5 TO B.M. 103-4 |
| B.M. 103-5 | | | | | | | | | | | | | B.M. 103-5 (AVA 11) |
| 1 | 149 | 425 | 450 | 5 | 180 118 | 62 | 159 | 150 | 460 | 5 | 189 129 | 60 | AVE. F & 30TH ST. W. S.E. COR. |
| | | | | | | | | | | | | | SEE F.B. 2415-11 |
| 2 | 147 | 992 | 448 | 5 | 180 114 | 66 | 166 | 420 | 467 | 5 | 200 132 | 68 | |
| | | | | | | 128 | | | | | | 128 | |
| 3 | 139 | 772 | 440 | 5 | 172 106 | 66 | 156 | 360 | 457 | 5 | 189 123 | 66 | |
| | | | | | | 194 | | | | | | 194 | $\bar{\pi}$ = OHASHI |
| 4 | 126 | 410 | 427 | 5 | 160 92 | 68 | 157 | 530 | 458 | 5 | 191 123 | 68 | |
| | | | | | | 262 | | | | | | 262 | RERUN |
| 5 | 135 | 280 | 436 | 5 | 169 101 | 68 | 169 | 300 | 470 | 5 | 204 134 | 70 | |
| | | | | | | 330 | | | | | | 332 | |
| 6 | 154 | 450 | 455 | 5 | 187 121 | 66 | 151 | 831 | 452 | 5 | 183 119 | 64 | |
| | 853 | 339 | | | | 396 | 960 | 591 | | | | 396 | |
| 7 | 111 | 622 | 412 | 5 | 118 104 | 14 | 117 | 740 | 418 | 5 | 123 111 | 12 | |
| | | | | | | 410 | | | | | | 408 | |
| B.M. 103-4 | | | | | | | | | | | | 410 | B.M. 103-4 (AVA 12) |
| | 964 | 961 | | | | | 1078 | 331 | | | | 818 | AVE. F & 25TH ST. W. S.E. COR. |
| | | | | | | | 964 | 961 | | | | | SEE F.B. 2415-10 |
| | | | | | | | 113 | 380 | | | | | |

F.B. 2877 PG. 208

JOB NO. 0301.02

SURVEY OF L.A. CO PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-26-72

INDEXED C. J. GALLI DATE

T = 88°

WEATHER HAZY SUN INST. NO. 9671

TIME 11:10 TO 11:45 ROD NO. 7131

NOTES CHKD BLANCHARD DATE 1-9

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM B.M.103-5 TO B.M.103-6 |
| B.M.103-5 | | | | | | | | | B.M.103-5 (AVA 11) |
| 1 | 174 | 960 | 475 5 | 201 147 54 | 139 | 052 | 440 5 | 165 113 52 | AVE. F & 30TH ST. W. S.E. COR. |
| | | | | | | | | | SEE F.B. 2415-11 |
| 2 | 160 | 155 | 461 5 | 191 129 62 | 142 | 600 | 443 5 | 174 110 64 | |
| | | | | 116 | | | | 116 | |
| 3 | 159 | 147 | 460 5 | 187 131 56 | 139 | 109 | 440 5 | 167 111 56 | |
| | | | | 172 | | | | 172 | |
| 4 | 160 | 120 | 461 5 | 189 131 58 | 136 | 620 | 437 5 | 164 108 56 | T= TORU OHASHI |
| | | | | 230 | | | | 228 | |
| 5 | 154 | 375 | 455 5 | 182 126 56 | 145 | 212 | 446 5 | 173 117 56 | |
| | | | | 286 | | | | 284 | |
| 6 | 163 | 485 | 464 5 | 192 134 58 | 125 | 275 | 426 5 | 154 96 58 | |
| | | | | 344 | | | | 342 | |
| 7 | 153 | 155 | 454 5 | 193 113 80 | 146 | 068 | 447 5 | 183 109 74 | |
| | | | | 424 | | | | 416 | |
| B.M.103-6 | | | | | | | | 424 | B.M.103-6 (AVA 10) |
| | 1125 | 397 | | | 973 | 936 | | 840 | AVE. F. 0.5 MI. W OF 30TH ST. W. |
| | 973 | 936 | | | | | | | SEE F.B. 2415-10 |
| | +151 | 461 | | | | | | | |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T=96°

SURVEY BY G.E. DREIER WEATHER HAZY SUN INST. NO 9671

NOTES BY SIEMANN DATE 6-15-72 TIME 11:25 TO ROD NO 1713A

INDEXED C. J. GALLI DATE JUL 20 72 NOTES CHK'D BLANCHARD DATE AUG 1 72

F.B. 2877 PG. 209

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

F.B. 2877 PG. 210 JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES SIEMANN 6-21-72

INDEXED G. J. GALL DATE

T=96°

WEATHER HAZY INST. NO. 96716

TIME 11:00 TO 11:30 ROD NO. 7134

NOTES CHKD. BLANCHARD DATE 1-72

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | | BACKSIGHT STADIA | | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | | FORESIGHT STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | FROM B.M. 103-6 TO B.M. 106-5 |
| B.M. 103-6 | | | | | | | | | | | | | B.M. 103-6 (AVA 10) |
| 1 | 143 | 222 | 444 | 5 | 176 118 | 66 | 141 | 490 | 442 | 5 | 194 108 | 66 | AVE. F. 0.5 MI. W. OF 30TH ST. W. |
| | | | | | | | | | | | | | SEE F.B. 2415-12 |
| 2 | 131 | 947 | 432 | 5 | 164 98 | 66 | 171 | 270 | 472 | 5 | 205 137 | 68 | |
| | | | | | | 32 | | | | | | 134 | |
| 3 | 138 | 952 | 439 | 5 | 172 104 | 68 | 161 | 280 | 462 | 5 | 195 127 | 68 | |
| | | | | | | 200 | | | | | | 202 | |
| 4 | 140 | 552 | 441 | 5 | 174 106 | 68 | 170 | 065 | 471 | 5 | 203 137 | 66 | TETORU OHASHI |
| | | | | | | 268 | | | | | | 268 | |
| 5 | 142 | 390 | 443 | 5 | 175 109 | 66 | 156 | 510 | 457 | 5 | 188 124 | 64 | |
| | | | | | | 334 | | | | | | 332 | |
| 6 | 132 | 490 | 433 | 5 | 165 99 | 66 | 161 | 530 | 462 | 5 | 193 129 | 64 | |
| | | | | | | 400 | | | | | | 396 | |
| 7 | 148 | 648 | 449 | 5 | 157 139 | 18 | 168 | 003 | 469 | 5 | 181 155 | 26 | |
| | | | | | | 418 | | | | | | 422 | |
| B.M. 103-5 | | | | | | | | | | | | 418 | B.M. 103-5 (A.V.A. 11) |
| | 978 | 201 | | | | | 1130 | 148 | | | | 840 | AVE. F & 30TH ST. W. S.E. COR. |
| | | | | | | | 978 | 201 | | | | | SEE F.B. 2415-11 |
| | | | | | | | | 887 | | | | | |
| | | | | | | | | 94 | | | | | |

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY SIEMANN DATE 6-26-72

INDEXED C. J. GALLI DATE JUL 20 '72

WEATHER HAZY SUN INST. NO 9671

TIME 10:30 TO 10:55 ROD NO. 1713A

NOTES CHKD BLANCHARD DATE AUG 17

F.B. 2877 PG. 211

T = 82°

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM B.M.103-5 TO B.M.103-6 |
| B.M.103-5 | | | | | | | | | B.M.103-5 (AVA 11) |
| 1 | 179 | 348 | 480 5 | 224 134 90 | 138 | 089 | 439 5 | 183 93 90 | AVE. F & 30TH ST. W. S.E. COR. |
| | | | | | | | | | SEE F.B. 2415-11 |
| 2 | 161 | 019 | 462 5 | 198 124 74 | 135 | 523 | 436 5 | 172 98 74 | |
| | | | | 164 | | | | 164 | |
| 3 | 166 | 532 | 467 5 | 202 130 72 | 137 | 202 | 438 5 | 172 102 70 | |
| | | | | 236 | | | | 234 | π = OHASHI |
| 4 | 155 | 535 | 456 5 | 189 121 68 | 125 | 818 | 426 5 | 158 92 66 | RERUN |
| | | | | 304 | | | | 300 | |
| 5 | 156 | 692 | 457 5 | 189 123 66 | 132 | 070 | 433 5 | 164 100 64 | |
| | | | | 370 | 668 | 702 | | 187 364 | |
| 6 | ~~158~~ | ~~490~~ | ~~459 5~~ | ~~181 133 46~~ | ~~157~~ | ~~020~~ | ~~458 5~~ | ~~127 60~~ | |
| | 161 | 805 | 462 5 | 186 136 ~~416~~ | 160 | 245 | 461 5 | 188 132 ~~424~~ | |
| B.M.103-6 | | | | 50 | | | | ~~416~~ | B.M.103-6 (AVA 10) |
| | ~~977~~ | ~~436~~ | | 420 | 828 | 947 | | 56 | AVE. F 0.5 MI. W 30TH ST. W. |
| | 980 | 931 | | | | | | 420 | SEE F.B. 2415-10 |
| | 828 | 947 | | | | | | 420 | |
| | + 151 | 884 9 | | | | | | 840 | |

F.B. 2877 PG. 212 JOB NO. 0301.02

TE

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DREIER NOTES

INDEXED DATE

WEATHER INST. NO 967

TIME ROD NO 712

NOTES CHKD DATE

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

Do not extend notes this side of this line.

NOTE! ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK WITH DATE AND NAME OF PERSON MAKING CHANGE

| STATION | BACKSIGHT | | | | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM ____ TO ____ |

76P526B CE # 308 8/68

PLEASE RETURN TO
**LOS ANGELES COUNTY ENGINEER**
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | | BACKSIGHT STADIA | | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | | FORESIGHT STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | FROM B.M. 103-6 TO B.M. 103-7 |
| BM.103-6 | | | | | | | | | | | | | B.M. 103-6 (AVA-10) |
| 1 | 172 | 023 | 473 | 5 | 202 / 142 | 60 | 127 | 365 | 428 | 5 | 157 / 97 | 60 | AVE "F" & 35TH ST W. |
| | | | | | | | | | | | | | SEE F.B. 2415-12 |
| 2 | 155 | 803 | 456 | 5 | 188 / 122 | 66 | 127 | 152 | 428 | 5 | 160 / 94 | 66 | |
| | | | | | | 126 | | | | | | 126 | |
| 3 | 15~~3~~4 | 068 | 455 | 5 | 185 / 123 | 62 | 126 | 361 | 427 | 5 | 156 / 96 | 60 | ⊼ J. MALDONADO |
| | | | | | | 188 | | | | | | 186 | |
| 4 | 144 | 442 | 445 | 5 | 179 / 109 | 70 | 137 | 481 | 438 | 5 | 173 / 101 | 72 | |
| | | | | | | 258 | | | | | | 258 | |
| 5 | 152 | 641 | 453 | 5 | 184 / 120 | 64 | 138 | 640 | 439 | 5 | 170 / 106 | 64 | |
| | | | | | | 322 | | | | | | 322 | |
| 6. | 153 | 651 | 454 | 5 | 182 / 124 | 58 | 131 | 679 | 432 | 5 | 159 / 103 | 56 | |
| | | | | | | 380 | | | | | | 378 | |
| 7. | 156 | 441 | 457 | | 169 / 143 | 26 | 168 | 871 | 469 | | 183 / 153 | 30 | |
| | | | | | | 406 | | | | | | 408 | |
| BM.103-7 | | | | | | | | | | | | 406 | B.M. 103-7 (LACRD BL-2300) |
| | 1089 | 069 | | | | | 957 | 549 | | | | 814 | AVE "F" & 40TH ST. W. |
| | 957 | 549 | | | | | | | | | | | SEE F.B. 2415-13 |
| + | 131 | 520 | | | | | | | | | | | |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY T. OHASHI DATE 6-15-72

INDEXED E. J. GALLI DATE JUL 20 72

WEATHER SUNNY-HAZE INST. NO. 96711

TIME 1:10 - 1:40 ROD NO. 1713A

NOTES CHKD. BLANCHARD DATE AUG 17

T = 98°

F.B. 2877 PG. 212

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

| STATION | BACKSIGHT | | | | | | FORESIGHT | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM. 103-7 TO B.M. 103-6 |
| BM.103-7 | | | | | | | | | | | | | B.M. 103-7 (LACRD BL2300) |
| 1. | 150 | 141 | 451 | 5 | 186 / 114 | 72 | 157 | 032 | 458 | 5 | 194 / 120 | 74 | AVE "F" & 40TH ST. W. |
| | | | | | | | | | | | | | SEE F.B. 2415-13 |
| 2. | 138 | 341 | 439 | 5 | 176 / 100 | 76 | 160 | 423 | 461 | 5 | 198 / 122 | 76 | |
| | | | | | | 148 | | | | | | 150 | |
| 3. | 141 | 923 | 442 | 5 | 179 / 103 | 76 | 150 | 180 | 451 | 5 | 187 / 113 | 74 | ⊼ J. MALDONADO |
| | | | | | | 224 | | | | | | 224 | |
| 4. | 135 | 606 | 436 | 5 | 174 / 96 | 78 | 167 | 99 | 468 | 5 | 206 / 128 | 78 | |
| | | | | | | 302 | | | | | | 302 | |
| 5. | 135 | 550 | 436 | 5 | 169 / 101 | 68 | 163 | 968 | 464 | 5 | 196 / 130 | 66 | |
| | | | | | | 370 | | | | | | 368 | |
| 6 | 143 | 837 | 444 | 5 | 160 / 126 | 34 | 178 | 263 | 479 | 5 | 197 / 159 | 38 | |
| | | | | | | 404 | | | | | | 406 | |
| BM. 103-6 | | | | | | | | | | | | 404 | B.M. 103-6 (AVA 10) |
| | 845 | 398 | | | | | 977 | 065 | | | | 810 | AVE "F" & 35TH ST. W. |
| | | | | | | | 845 | 398 | | | | | SEE F.B. 2415-12 |
| | | | | | | | -131 | 667 | | | | | |

F.B. 2877 PG. 214

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E. DREIER NOTES T. OHASHI 6-21-72

INDEXED C. J. GALLI DATE

WEATHER CLEAR-DIST HAZE INST. NO. 967

TIME 10:35 - ROD NO. 1713A

NOTES CHK BLANCHARD DATE AUG 1

T = 92°

76P526B CE # 308 8/68

PLEASE RETURN TO
**LOS ANGELES COUNTY ENGINEER**
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY C.E. DREIER
NOTES BY T. OHASHI
INDEXED G. J. GALLI
DATE 6-15-72
DATE JUL 20 72
WEATHER Sunny 78°
TIME 1:40-2:05
INST. NO. 46-11
ROD NO. 17 BA
NOTES CHKD BLANCHARD
DATE AUG 1 7
F.B. 2877 PG. 2/5

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | | BACKSIGHT STADIA | | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | | FORESIGHT STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | FROM B.M. 103-7 TO B.M. 103-8 |
| B.M. 103-7 | | | | | | | | | | | | | B.M. 103-7 (LACRD BL2300) |
| 1 | 182 | 310 | 483 | 5 | 212 / 152 | 60 | 131 | 947 | 432 | 5 | 162 / 100 | 62 | AVE "F" & 40TH ST. W |
| | | | | | | | | | | | | | SEE F.B. 2415-13 |
| 2 | 159 | 887 | 460 | 5 | 191 / 127 | 64 | 129 | 049 | 430 | 5 | 160 / 98 | 62 | |
| | | | | | | 124 | | | | | | 124 | |
| 3 | 155 | 688 | 456 | 5 | 187 / 123 | 64 | 145 | 429 | 446 | 5 | 177 / 113 | 64 | J. MALDONADO |
| | | | | | | 188 | | | | | | 188 | |
| 4 | 160 | 668 | 461 | 5 | 191 / 129 | 62 | 131 | 298 | 432 | 5 | 161 / 101 | 60 | |
| | | | | | | 250 | | | | | | 248 | |
| 5 | 161 | 790 | 462 | 5 | 193 / 129 | 64 | 136 | 913 | 437 | 5 | 168 / 104 | 64 | |
| | | | | | | 314 | | | | | | 312 | |
| 6. | 157 | 128 | 458 | 5 | 186 / 128 | 58 | 126 | 188 | 427 | 5 | 155 / 97 | 58 | |
| | | | | | | 372 | | | | | | 370 | |
| 7 | 154 | 459 | 455 | 5 | 171 / 137 | 34 | 144 | 631 | 445 | 5 | 162 / 126 | 36 | |
| | | | | | | 406 | | | | | | 406 | |
| B.M. 103-8 | | | | | | | | | | | | 406 | B.M. 103-8 (LACRD BL2301) |
| | 1131 | 930 | | | | | 945 | 515 | | | | 812 | AVE "F" & 45TH ST. W. |
| | 945 | 515 | | | | | | | | | | | SEE F.B. 2415-14 |
| + | 186 | 415 | | | | | | | | | | | |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

F.B. 2877 PG. 2/6 JOB NO. 0301.02

SURVEY OF L.A. Co. PROJECT LEVEL NET

SURVEY BY GE DUNLEY NOTES I. OHASHI 6-21-72

INDEXED G. J. GALLI DATE

WEATHER CLEAR-DISTINCT HAZE INST. NO. 7671

TIME 10:10 - 10:35 ROD NO. 7134

NOTES CHKD BLANCHARD DATE 1-72

T = 90°

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | | BACKSIGHT STADIA | | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | | FORESIGHT STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | FROM B.M. 103-8 TO B.M. 103-7 |
| B.M. 103-8 | 29 | | | | | | | | | | | | B.M. 103-8 (LACRD BL2301) |
| 1 | ~~130~~ | 790 | 430 | 5 | 172 86 | 86 | 163 | 859 | 464 | 5 | 209 125 | 76 | AVE "F" & 45TH ST. W. |
| | | | | | | | | | | | | | SEE F.B. 2415-14 |
| 2 | 129 | 654 | 430 | 5 | 167 91 | 76 | 166 | 438 | 467 | 5 | 209 123 | 86 | |
| | | | | | | 162 | | | | | | 162 | |
| 3 | 133 | 975 | 434 | 5 | 172 94 | 78 | 157 | 252 | 458 | 5 | 195 117 | 76 | ⊼ J. MALDONADO |
| | | | | | | 240 | | | | | | 238 | |
| 4 | 132 | 867 | 433 | 5 | 171 93 | 78 | 167 | 850 | 468 | 5 | 205 129 | 76 | |
| | | | | | | 318 | | | | | | 314 | |
| 5 | 124 | 073 | 425 | 5 | 165 83 | 82 | 181 | 307 | 482 | 5 | 221 141 | 80 | |
| | | | | | | 400 | | | | | | 394 | |
| B.M. 103-7 | | | | | | | | | | | | 400 | B.M. 103-7 |
| | 650 | 359 | | | | | 836 | 706 | | | | 794 | AVE "F" & 40TH. ST. W. |
| | | | | | | | 650 | 359 | | | | | SEE F.B. 2415-13 |
| | | | | | | - | 186 | 347 | | | | | |

76P526B CE # 308 8/68

PLEASE RETURN TO
**LOS ANGELES COUNTY ENGINEER**
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | | BACKSIGHT STADIA | | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | | FORESIGHT STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | FROM BM. 103-8 TO B.M. 103-9A |
| BM. 103-8 | | | | | | | | | | | | | BM. 103-8 (LACRD BL2301) |
| 1 | 169 | 828 | 470 | 5 | 201 137 | 64 | 135 | 449 | 436 | 5 | 166 104 | 62 | AVE "F" & 45TH ST. W |
| | | | | | | | | | | | | | SEE F.B. 2415-14 |
| 2 | 175 | 221 | 476 | 5 | 208 142 | 66 | 132 | 718 | 433 | 5 | 164 100 | 64 | |
| | | | | | | 130 | | 817 | | | | 126 | |
| 3 | 159 | 876 | 460 | 5 | 191 127 | 64 | 126 | ~~733~~ | 427 | 5 | 158 94 | 64 | ⊼ J. MALDONADO |
| | | | | | | 194 | | | | | | 190 | |
| 4 | 156 | 177 | 457 | 5 | 188 124 | 64 | 142 | 419 | 443 | 5 | 174 110 | 64 | |
| | | | | | | 258 | | | | | | 254 | |
| 5 | 168 | 562 | 469 | 5 | 201 135 | 66 | 129 | 088 | 430 | 5 | 164 94 | 70 | |
| | | | | | | 324 | | | | | | 324 | |
| 6 | 161 | 400 | 462 | 5 | 191 131 | 60 | 137 | 180 | 438 | 5 | 167 107 | 60 | |
| | | | | | | 384 | | | | | | 384 | |
| 7 | 157 | 767 | 458 | 5 | 174 140 | 34 | 151 | 318 | 452 | 5 | 168 134 | 34 | |
| | | | | | | 418 | | | | | | 418 | |
| BM. 103-9A | | | | | | | | | | | | 418 | B.M. 103-9A (~~[illegible]~~) (LACRD BL2303) |
| | 1148 | 831 | | | | | 954 | 989 | | | | 836 | AVE "F" & 50TH ST. W. |
| | 954 | 989 | | | | | | | | | | | SEE F.B. 2415-15 |
| + | 193 | 842 | | | | | | | | | | | |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY T. OHASHI DATE 6-15-72
INDEXED J. GALLI DATE 20 72
WEATHER SUNNY-BREEZY
TIME 2:10-2:40
NOTES CHKD. BLANCHARD DATE
INST. NO. 967
ROD NO. 1713A
F.B. 2877 PG. 21

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

| STATION | BACKSIGHT | | | | | | FORESIGHT | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM. 103-9A TO BM. 103-8 |
| BM. 103-9A | | | | | | | | | | | | | B.M. 103-9A ~~(AVE F)~~ ~~(LACK~~ |
| 1. | '87 | 714 | 388 | 5 | ½ 122 87 | 70 | 165 | 488 | 466 | 5 | 199 131 | 68 | AVE "F" & 50TH. ST. W. |
| | | | | | | | | | | | | | SEE F.B 2415-15 |
| 2. | 159 | 431 | 460 | 5 | 194 124 | 70 | 144 | 029 | 445 | 5 | 179 109 | 70 | |
| | | | | | | 140 | | | | | | 138 | |
| 3. | 135 | 341 | 436 | 5 | 172 98 | 74 | 156 | 539 | 457 | 5 | 194 118 | 76 | ⊼ J. MALDONADO |
| | | | | | | 214 | | | | | | 214 | |
| 4. | 126 | 853 | 427 | 5 | 162 90 | 72 | 158 | 960 | 459 | 5 | 194 122 | 72 | |
| | | | | | | 286 | | | | | | 286 | |
| 5 | 126 | 284 | 427 | 5 | 163 89 | 74 | 174 | 389 | 475 | 5 | 210 138 | 72 | |
| | | | | | | 360 | | | | | | 358 | |
| 6. | 131 | 612 | 432 | 5 | 156 106 | 50 | 161 | 681 | 462 | 5 | 187 135 | 52 | |
| | | | | | | 410 | | | | | | 410 | |
| B.M. 103-8 | | | | | | | | | | | | 410 | B.M. 103-8 |
| | 767 | 235 | | | | | 961 | 086 | | | | 820 | AVE "F" & 45TH ST. W. |
| | | | | | | | 767 | 235 | | | | | SEE F.B. 2415-14 |
| | | | | | | | 193 | 851 | | | | | |

F.B. 2877 PG. 218

JOB NO. 0301.02

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E. DREVER NOTES T. OHASHI 6-20-72

INDEXED G.J. GALLI DATE

WEATHER T-94° OVERCAST WINDY INST. NO. 9674

TIME 2:00 - 2:30 ROD NO. 1713A

NOTES CHKD BLANCHARD DATE AUG 17

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT | | | | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM BM103-9A TO BM103-9B |
| BM103-9A | | | | 143 | | | | 168 | BM103-9A (L.A.C.R.D. BL 2303) |
| 1 | 142 | 470 | 443 5 | 141 2 | 167 | 099 | 468 5 | 166 2 | Ave F & 50th St. W. |
| | | | | | 142 | 470 | | 2 | See F.B. 2877-47 |
| | | | | | 24 | 629 | | 4 | |
| | | | | | | | | | T. Siemann |
| | | | | | | | | | BM103-9B (AVA 7 RESET 1959) |
| BM103-9B | | | | | | | | | Ave. F, & 50th St. W. |
| | | | | | | | | | See F.B. 2393-90 |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 6-16-72

INDEXED C. J. GALLI DATE JUL 20 72

WEATHER Sunny & Calm

TIME 10:25 to 10:30

NOTES CHKD BLANCHARD DATE AUG 17

T-100° 92°

INST. NO. 9671

ROD NO. 713A

F.B. 2877 PG. 219

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

Do not extend notes this side of this line.

F.B. 2877 PG. 220 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 6-20-72

INDEXED C. J. GALLI DATE

T-94

WEATHER Windy & Overcast INST. NO. 967

TIME 1:55 to 2:00 ROD NO. 713A

NOTES CHKD. BLANCHARD DATE AUG 1-7

| STATION | BACKSIGHT | | | | | | FORESIGHT | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM103-9B TO BM103-9A |
| BM103-9B | | | | | 172 | | | | | | 147 | | BM103-9B (AVA 7 RESET 1959) |
| 1 | 171 | 070 | 472 | 5 | 170 | 2 | 146 | 441 | 447 | 5 | 145 | 2 | Ave F & 50th St. W. |
| | 146 | 441 | | | | | | | | | | 2 | See F.B. 2393-90 |
| | 1 24 | 629 | | | | | | | | | | 4 | |
| | | | | | | | | | | | | | K-Siemann |
| BM103-9A | | | | | | | | | | | | | BM103-9A (L.A.C.R.D. BL 2303) |
| | | | | | | | | | | | | | Ave. F & 50th St. W. |
| | | | | | | | | | | | | | See F.B. 2877-47 |

76P626B CE # 308 8/68

PLEASE RETURN TO
**LOS ANGELES COUNTY ENGINEER**
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. Dreier DATE 6-16-72 WEATHER Sunny & Calm INST. NO. 9671

NOTES BY Maldonado TIME 11:00 to 11:20 ROD NO. 1713

INDEXED G. J. GALLI DATE JUL 20 72 NOTES CHK'D BLANCHARD DATE AUG 1 7

T-92°

F.B. 2877 PG. 52

| STATION | BACKSIGHT Right | Mic. | Left. | | Stadia | | FORESIGHT Right | Mic. | Left. | | Stadia | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | FROM BM103-9B TO BM103-10 |
| BM 103-9B | | | | | 250 | | | 5 | | | 179 | | BM103-9B |
| 1 | 208 | 910 | 509 | 5 | 166 | 84 | 139 | 641 | 440 | 5 | 99 | 80 | Ave. F & 50th St. W. |
| | | | | | 214 | | | | | | 172 | | See F.B. 2393-90 |
| 2 | 174 | 392 | 475 | 5 | 134 | 80 | 132 | 290 | 433 | 5 | 92 | 80 | |
| | | | | | 213 | 164 | | | | | 185 | 160 | |
| 3 | 173 | 716 | 474 | 5 | 133 | 80 | 145 | 288 | 496 | 5 | 105 | 80 | T-Siemann |
| | | | | | 200 | 244 | | | | | 164 | 240 | |
| 4 | 160 | 202 | 461 | 5 | 120 | 80 | 124 | 480 | 425 | 5 | 84 | 80 | |
| | | | | | 217 | 324 | | | | | 177 | 320 | |
| 5 | 183 | 452 | 484 | 5 | 149 | 68 | 141 | 359 | 442 | 5 | 105 | 72 | |
| | | | | | | 392 | | | | | | 392 | |
| | | | | | | | | | | | | 392 | |
| | | | | | | | | | | | | 784 | |
| | 900 | 672 | | | | | 683 | 068 | | | | | BM 103-10 (AVA 6 R.E. 63) |
| | 683 | 068 | | | | | | | | | | | Ave. F & 55th St. W. |
| BM 103-10 | 217 | 604 | | | | | | | | | | | See F.B. 2415-16 |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

F.B. 2877 PG. 222 JOB NO. 030102

SURVEY OF LAC. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 6-20-72

INDEXED G. J. GALLI DATE

WEATHER Windy & overcast INST. NO. 967

TIME 1:30 to 1:55 ROD NO. 7134

NOTES CHKD. BLANCHARD DATE AUG 1 72

T - 94°

| STATION | BACKSIGHT Right | Mic. | Left. | | Stadia | | FORESIGHT Right | Mic. | Left. | | Stadia | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | From BM 103-10 To BM 103-9B |
| BM 103-10 | 12 | | | | | | | | | | | | |
| | | | | | 164 | | | | | | 208 | | BM 103-10 (AVA 6 R.E.63) |
| 1 | 124 | 630 | 425 | 5 | 124½ | 80 | 168 | 470 | 469 | 5 | 128 | 80 | Ave. F & 55th St. W |
| | | | | | 152 | | 49 | | | | 193 | | See F.B. 2415-16 |
| 2 | 111 | 388 | 412 | 5 | 70 | 82 | 150 | 862 | 450 | 5 | 105 | 88 | |
| | | | | | 174 | 162 | | | | | 206 | 168 | |
| 3 | 134 | 212 | 435 | 5 | 94 | 80 | 165 | 732 | 466 | 5 | 124 | 82 | |
| | | | | | 163 | 242 | | | | | 214 | 250 | T-Siemann |
| 4 | 121 | 668 | 422 | 5 | 79 | 84 | 167 | 190 | 468 | 5 | 120 | 94 | |
| | | | | | 117 | 326 | | | | | 168½ | 344 | |
| 5 | 86 | 435 | 387 | 5 | 55 | 62 | 144 | 520 | 445 | 5 | 144½ | 48 | |
| | | | | | | 388 | | | | | | 392 | |
| | | | | | | | | | | | | 388 | |
| | 578 | 333 | | | | | 795 | 774 | | | | 780 | |
| | | | | | | | 578 | 333 | | | | | BM 103-9B |
| BM 103-9B | | | | | | | 217 | 441 | | | | | Ave. F & 50th St. W |
| | | | | | | | | | | | | | See F.B. 2393-90 |

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT | | | | | | FORESIGHT | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM103-10 TO BM103-11 |
| BM 103-10 | | | | | 235 | | | | | | 175 | | BM 103-10 (AVA 6) |
| 1 | 194 | 480 | 495 | 5 | 153 | 82 | 132 | 671 | 433 | 5 | 89 | 86 | Ave. F & 55th St. W |
| | | | | | 217 | | | | | | 180 | | See F.B. 2415-16 |
| 2 | 177 | 440 | 478 | 5 | 137 | 80 | 136 | 009 | 437 | 5 | 92 | 88 | |
| | | | | | 216 | 162 | | | | | 168 | 174 | |
| 3 | 175 | 850 | 476 | 5 | 134 | 82 | 131 | 740 | 432 | 5 | 94 | 74 | π-Siemann |
| | | | | | 215 | 244 | | | | | 176 | 248 | |
| 4 | 174 | 372 | 475 | 5 | 133 | 82 | 134 | 552 | 435 | 5 | 92 | 84 | |
| | | | | | 197 | 326 | 111 ~~197~~ | 0 | | | 146 | 332 | |
| 5 | 160 | 659 | 461 | 5 | 123 | 74 | ~~123~~ | 49[illegible] | 412 | 5 | 76 | 70 | |
| | | | | | | 400 | | | | | | 402 | |
| | | | | | | | | | | | | 400 | |
| | 882 | 801 | | | | | 646 | 462 | | | | 802 | |
| | 646 | 462 | | | | | | | | | | | BM103-11 |
| BM103-11 | +236 | 339 | | | | | | | | | | | Ave. F & 60th St W. S.E. Cor. |
| | | | | | | | | | | | | | See F.B. 2415-17 |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 6-16-72

INDEXED C. J. GALLI DATE JUL 20 72

WEATHER Sunny & Calm INST. NO 9671

TIME 11:20 to ROD NO 1713A

NOTES CHKD BLANCHARD DATE [illegible] 1 7

T-94°

F.B. 2877 PG. 22

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT | | | | | | FORESIGHT | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM103-11 TO BM103-10 |
| BM103-11 | | | | | | | | | | | | | BM103-11 |
| | | | | | 139 | | | | | | 204 | | |
| 1 | 100 | 999 | 401 | 5 | 61 | 78 | 164 | 991 | 465 | 5 | 124 | 80 | Ave. F & 60th St. W. |
| | | | | | 171 | | | | | | 198 | | See F.B. 2415-17 |
| 2 | 131 | 591 | 432 | 5 | 91 | 80 | 158 | 109 | 459 | 5 | 118 | 80 | |
| | | | | | 151 | 158 | | | | | 197 | 160 | |
| 3 | 110 | 510 | 411 | 5 | 69 | 82 | 153 | 681 | 454 | 5 | 109 | 88 | R-Siemann |
| | | | | | 161 | 240 | | | | | 206 | 248 | |
| 4 | 120 | 842 | 421 | 5 | 79 | 82 | 166 | 455 | 467 | 5 | 126 | 80 | |
| | | | | | 157 | 322 | | | | | 213 | 328 | |
| 5 | 120 | 091 | 421 | 5 | 83 | 74 | 177 | 252 | 478 | 5 | 141 | 72 | |
| | | | | | | 396 | | | | | | 400 | |
| | | | | | | | | | | | | 396 | |
| | 584 | 033 | | | | | 820 | 488 | | | | 796 | |
| | | | | | | | 584 | 033 | | | | | BM103-10 (AVA 6) |
| BM103-10 | | | | | | | 236 | 455 | | | | | Ave. F & 55th St. W. |
| | | | | | | | | | | | | | See F.B. 2415-16 |

F.B. 2877 Pg. 224

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 6-20-72

INDEXED C. J. GALLI DATE

WEATHER Windy & Light Clouds 9671

INST. NO. 7671

TIME 1:10 to 1:30 ROD NO. 713A

NOTES CHKD. BLANCHARD DATE AUG 1 72

T-94°

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT | | | | | | FORESIGHT | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM 103-11 TO BM 103-12A |
| BM 103-11 | | | | | 211 | | | | | | 216 | | BM 103-11 |
| 1 | 170 | 085 | 471 | 5 | 129 | 82 | 173 | 221 | 474 | 5 | 130 | 86 | Ave. F & 60th St. W. S.E. COR. |
| | | | | | 223 | | | | | | 224 | | See F.B. 2415-17 |
| 2 | 186 | 274 | 487 | 5 | 149 | 74 | 186 | 508 | 487 | 5 | 148 | 76 | |
| | | | | | 209 | 156 | | | | | 206 | 162 | |
| 3 | 175 | 450 | 476 | 5 | 141 | 68 | 173 | 073 | 474 | 5 | 140 | 66 | π-Siemann |
| | | | | | 204 | 224 | | | | | 187 | 228 | |
| 4 | 170 | 190 | 471 | 5 | 136 | 68 | 152 | 371 | 453 | 5 | 117 | 70 | |
| | | | | | 168 | 292 | | | | | 184 | 298 | |
| 5 | 134 | 650 | 435 | 5 | 100 | 68 | 150 | 585 | 451 | 5 | 116 | 68 | |
| | | | | | 167 | 360 | | | | | 164 | 366 | |
| 6 | 143 | 108 | 444 | 5 | 119 | 48 | 142 | 412 | 443 | 5 | 120 | 44 | |
| | | | | | | 408 | | | | | | 410 | |
| | | | | | | | | | | | | 408 | |
| | 979 | 757 | | | | | 978 | 170 | | | | 818 | BM 103-12A |
| | 978 | 170 | | | | | | | | | | | 60th St. W. & 0.5 mi. So. of Ave. F. |
| BM 103-12A | + 1 | 587 | | | | | | | | | | | See F.B. 2877-48 near P.P. #1355387E |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G. E. Dreier

NOTES BY Maldonado DATE 6-16-72

INDEXED C. J. GALLI DATE JUL 20 72

WEATHER Sunny & Br. INST. NO. 86746

TIME 1:20 to 1:45 ROD NO. 17138

NOTES CHKD. BLANCHARD DATE AUG 1 72

T-96°

F.B. 2877 PG. 225

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

F.B. 2877 PG. 226 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Drexler NOTES Maldonado 6-20-72

INDEXED G. J. GALL DATE

T-920

WEATHER Sunny & Breezy INST. NO. 967

TIME 11:30 to 11:50 ROD NO. 17124

NOTES CHKD. BLANCHARD DATE 1 72

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | | BACKSIGHT STADIA | | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | | FORESIGHT STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | FROM BM 103-12A TO BM 103-11 |
| BM 103-12A | | | | | 189 | | | | | | 183 | | BM 103-12A (AVA 16) |
| 1 | 153 | 238 | 454 | 5 | 117 | 72 | 147 | 308 | 448 | 5 | 111 | 72 | 60th St. W & 0.5 mi. So. of Ave. F |
| | | | | | 208 | | | | | | 194 | | See F.B. 2877-48 near P.B. 135538 |
| 2 | 172 | 193 | 473 | 5 | 136 | 72 | 157 | 594 | 458 | 5 | 120 | 74 | |
| | | | | | 161 | 144 | | | | | 146 | 146 | |
| 3 | 120 | 182 | 421 | 5 | 79 | 82 | 106 | 002 | 407 | 5 | 66 | 80 | T-Siemann |
| | | | | | 162 | 226 | | | | | 156 | 226 | |
| 4 | 121 | 723 | 422 | 5 | 80 | 82 | 115 | 103 | 416 | 5 | 74 | 82 | |
| | | | | | 156 | 308 | | | | | 171 | 308 | |
| 5 | 125 | 750 | 426 | 5 | 94 | 62 | 141 | 361 | 442 | 5 | 111 | 60 | |
| | | | | | 158 | 370 | | | | | 187 | 368 | |
| 6 | 139 | 218 | 440 | 5 | 120 | 38 | 168 | 950 | 467 | 5 | 145 | 42 | |
| | | | | | | 408 | | | | | | 410 | |
| | | | | | | | | | | | | 408 | |
| | 832 | 304 | | | | | 834 | 318 | | | | 818 | |
| | | | | | | | 832 | 304 | | | | | |
| BM 103-11 | | | | | | | 2 | 014 | | | | | BM 103-11 |
| | | | | | | | | | | | | | Ave. F & 60th St. W. S.E. Cor. |
| | | | | | | | | | | | | | See F.B. 2415-17 |

76P526B CE # 308 8/68

PLEASE RETURN TO
**LOS ANGELES COUNTY ENGINEER**
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | Re-Run FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM BM 103-11 TO BM 103-12A |
| BM 103-11 | | 339 | | 217 | | | | 183 | BM 103-11 |
| 1 | 183 | 505 | 484 5 | 149 68 | 148 | 416 | 449 5 | 113 70 | Ave. F & 60th St W. S.E. Cor |
| | | | | 220 | | | | 206 | See F.B. 2415-17 |
| 2 | 179 | 269 | 480 5 | 138 82 | 164 | 760 | 465 5 | 122 84 | |
| | | | | 194 150 | | | | 230 154 | |
| 3 | 153 | 540 | 454 5 | 112 82 | 189 | 660 | 490 5 | 148 82 | |
| | | | | 218 232 | | 550 | | 211 236 | T-Siemann |
| 4 | 177 | 989 | 478 5 | 136 82 | 171 | ~~445~~ | 472 5 | 131 80 | |
| | | | | 184 314 | | | | 213 316 | Re-Run |
| 5 | 152 | 999 | 453 5 | 120 64 | 180 | 547 | 481 5 | 147 66 | |
| | | | | 166 378 | | | | 153 382 | |
| 6 | 148 | 490 | 449 5 | 130 36 | 139 | 015 | 440 5 | 125 28 | |
| | | | | 414 | | | | 410 | |
| | | | | | | | | 414 | |
| | 995 | 792 | | | 993 | 948 | | 824 | |
| | 993 | 948 | | | | | | | |
| | + 1 | 844 | | | | | | | |
| BM 103-12A | | | | | | | | | |
| | | | | | | | | | BM 103-12A |
| | | | | | | | | | 60th St. W. & 0.5 mi. So. of Ave F, |
| | | | | | | | | | See F.B. 2877-48 near P.P. # 1355387E |

JOB NO. 0301.02 SURVEY OF L.A. CO., PRECISE LEVEL NET

SURVEY BY G.E. Dreier

NOTES BY Maldonado DATE 6-26-72

INDEXED C. J. GALLI DATE [illegible] 20 72

WEATHER Sunny & Br. INST. NO. 9671

TIME 1:15 to 1:40 ROD NO. 1713A

NOTES CHKD BLANCHARD DATE [illegible] 1[illegible]

T-88°

F.B. 2877 PG. 227

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | | BACKSIGHT STADIA | | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | | FORESIGHT STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | FROM B.M. 103-12A TO B.M. 103-11 |
| B.M. 103-12A | | | | | | | | | | | | | B.M. 103-12A |
| 1 | 131 | 209 | 432 | 5 | 171 / 91 | 80 | 135 | 170 | 436 | 5 | 176 / 94 | 82 | 60th ST. W, 0.5 MI. S. OF AVE. |
| | | | | | | | | | | | | | SEE F.B. 2877-48 |
| 2 | 168 | 862 | 469 | 5 | 203 / 133 | 70 | 159 | 532 | 460 | 5 | 194 / 124 | 70 | |
| | | | | | | 150 | | | | | | 152 | RERUN |
| 3 | 124 | 269 | 425 | 5 | 160 / 88 | 72 | 154 | 303 | 455 | 5 | 190 / 118 | 72 | ⊼ R. SIEMANN |
| | | | | | | 222 | | | | | | 224 | |
| 4 | 160 | 310 | 461 | 5 | 197 / 123 | 74 | 161 | 202 | 462 | 5 | 198 / 124 | 74 | |
| | | | | | | 296 | | | | | | 298 | |
| 5 | 170 | 852 | 471 | 5 | 205 / 135 | 70 | 166 | 647 | 467 | 5 | 202 / 130 | 72 | |
| | | | | | | 366 | | | | | | 370 | |
| 6 | 188 | 875 | 489 | 5 | 209 / 167 | 42 | 169 | 832 | 470 | 5 | 187 / 151 | 36 | |
| | | | | | | 408 | | | | | | 406 | |
| B.M. 103-11 | | | | | | | | | | | | 408 | B.M. 103-11 |
| | 944 | 377 | | | | | 946 | 686 | | | | 814 | AVE. F & 60th ST. W, |
| | | | | | | | 944 | 377 | | | | | SEE F.B. 2415-17 |
| | | | | | | | - 2 | 309 | | | | | |

96°

WEATHER DISTANT HAZE INST. NO. 9671

TIME 10:00 ROD NO. 17131

NOTES CHKD. BLANCHARD DATE 1 7

JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES DREIER 7-11-72

INDEXED C. J. GALLI DATE

F.B. 2877 PG. 228

76P526B CE # 308 8/68

PLEASE RETURN TO
**LOS ANGELES COUNTY ENGINEER**
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED IN INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET 103°
SURVEY BY G.E. DREIER
NOTES BY G.E. DREIER DATE 7-18-72 TIME 10:30 WEATHER DISTANT HAZE INST. NO 2671
INDEXED E. J. GALLI DATE AUG 20 72 ROD NO 17134
NOTES CHKD. B. LANCHARD DATE AUG 17
F.B. 2877 PG. 229

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | | BACKSIGHT STADIA | | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | | FORESIGHT STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 2nd RERUN | | | | | | FROM B.M. 103-11 TO B.M. 103-12A |
| B.M. 103-11 | | | | | | | | | | | | | B.M. 103-11 |
| 1 | 148 | 675 | 449 | 5 | 181 115 | 66 | 166 | 199 | 467 | 5 | 201 131 | 70 | AVE. F & 60th ST.W. |
| | | | | | | | | | | | | | SEE F.B. 2415-17 |
| 2 | 155 | 290 | 456 | 5 | 189 121 | 68 | 171 | 861 | 472 | 5 | 206 136 | 70 | |
| | | | | | | 134 | | | | | | 140 | ↑ R. SIEMANN |
| 3 | 166 | 690 | 467 | 5 | 201 131 | 70 | 153 | 457 | 454 | 5 | 186 128 | 66 | |
| | | | | | | 204 | | | | | 195 | 206 | 2nd RERUN |
| 4 | 187 | 000 | 488 | 5 | 221 153 | 68 | 161 | 333 | 462 | 5 | 127 | 68 | |
| | | | | | | 272 | | | | | | 274 | |
| 5 | 151 | 441 | 452 | 5 | 184 118 | 66 | 177 | 541 | 478 | 5 | 210 144 | 66 | |
| | | | | | | 338 | | | | | | 340 | |
| 6 | 149 | 038 | 450 | 5 | 181 117 | 64 | 125 | 940 | 426 | 5 | 159 91 | 68 | |
| | | | | | | 402 | | | | | | 408 | |
| | | | | | | | | | | | | 402 | |
| B.M. 103-12A | | | | | | | | | | | | 810 | B.M. 103-12A |
| | 958 | 134 | | | | | 956 | 331 | | | | | 60th ST.W. 0.5 mi. S. of AVE. F |
| | 956 | 331 | | | | | | | | | | | |
| | + 1 | 803 | | | | | | | | | | | |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT 2nd RERUN RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS FROM B.M.103-12A TO B.M.103-11 |
|---|---|---|---|---|---|---|---|---|---|
| B.M.103-12A | | | | | | | | | B.M.103-12A |
| 1 | 121 | 959 | 422 5 | 154 88 66 | 145 | 115 | 446 5 | 128 112 66 | 60th ST. W., 0.5 mi. S. of AVE. F |
| | | | | | | | | | SEE F.B. 2877-48 |
| 2 | 175 | 758 | 476 5 | 209 141 68 | 145 | 949 | 446 5 | 180 110 20 | |
| | | | | 134 | | | | 236 | |
| 3 | 144 | 929 | 445 5 | 179 109 70 | 186 | 616 | 487 5 | 221 151 70 | 2nd RERUN |
| | | | | 204 | | | | 206 | ⊼ R. SIEMANN |
| 4 | 177 | 759 | 478 5 | 213 141 72 | 179 | 891 | 480 5 | 214 144 70 | |
| | | | | 276 | | | | 276 | |
| 5 | 176 | 139 | 477 5 | 211 141 70 | 158 | 741 | 459 5 | 192 124 68 | |
| | | | | 346 | | | | 344 | |
| 6 | 170 | 263 | 471 5 | 201 139 62 | 152 | 447 | 453 5 | 184 120 64 | |
| | | | | 408 | | | | 408 | |
| B.M.103-11 | | | | | | | | 408 | B.M.103-11 |
| | 966 | 807 | | | 968 | 759 | | 816 | AVE. F. & 60th ST. W. |
| | | | | | 966 | 807 | | | SEE F.B. 2415-17 |
| | | | | | - 1 | 952 | | | |

F.B. 2877 PG. 230

JOB NO. 030107

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY DREIER NOTES DREIER 7-11-72

INDEXED [illegible] DATE

WEATHER HAZE 107° TIME 10:50 NOTES CHKD BLANCHARD DATE

INST. NO. 9671 ROD NO. 1713A

76P526B CE # 308 8/68

PLEASE RETURN TO
**LOS ANGELES COUNTY ENGINEER**
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

**Do not extend notes this side of this line.**

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY SIEMANN DATE 6-16-72
INDEXED C. J. GALLI DATE JUL 20 '72
WEATHER BREEZE
TIME 1:45 70
NOTES CHKD BLANCHARD DATE AUG 1 '72
INST. NO 9671
ROD NO 1713A
F.B. 2877 PG. 23
T = 96°

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | | BACKSIGHT STADIA | | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | | FORESIGHT STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | FROM B.M.103-12A TO B.M.103-~~12B~~ 13A |
| B.M.103-12A | | | | | | | | | | | | | B.M.103-12A |
| 1 | 145 | 613 | 446 | 5 | 176 114 | 62 | 143 | 510 | 444 | 5 | 173 113 | 60 | 60TH ST. W. 0.5 MI. S. OF AVE. F. |
| | | | | | | | | | | | | | SEE F.B. 2877-48 |
| 2 | 151 | 720 | 452 | 5 | 184 118 | 66 | 154 | 778 | 455 | 5 | 187 121 | 66 | |
| | | | | | | 128 | | | | | | 126 | |
| 3 | 156 | 048 | 457 | 5 | 188 124 | 64 | 174 | 209 | 475 | 5 | 205 143 | 62 | |
| | | | | | | 192 | | | | | | 188 | |
| 4 | 177 | 610 | 478 | 5 | 209 145 | 64 | 140 | 933 | 441 | 5 | 174 106 | 68 | π = OHASHI |
| | | | | | | 256 | | | | | | 256 | |
| 5 | 151 | 341 | 452 | 5 | 184 118 | 66 | 128 | 772 | 429 | 5 | 161 95 | 66 | |
| | | | | | | 322 | | | | | | 322 | |
| 6 | 130 | 842 | 431 | 5 | 163 97 | 66 | 184 | 389 | 485 | 5 | 218 150 | 68 | |
| | | | | | | 388 | | | | | | 390 | |
| B.M.103-13A | | | | | | | | | | | | 388 | B.M.103-13A (U.S.C. & G.S. W-1153) |
| | 913 | 174 | | | | | 926 | 591 | | | | 778 | 60TH ST. W. & AVE. G. N.E. COR. |
| | | | | | | | 913 | 174 | | | | | SEE F.B. 2877-49 |
| | | | | | | | -13 | 417 | | | | | |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

F.B. 2877 PG. 232 JOB NO. 0301.02

SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY DRELER NOTES SIEMANN 6-20-72

INDEXED C. J. GALLI DATE

T=88°

WEATHER BREEZY INST. NO. 96710

TIME 11:00 TO 11:30 ROD NO. 17134

NOTES CHKD. BLANCHARD DATE AUG 1 72

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | | BACKSIGHT STADIA | | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | | FORESIGHT STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | FROM B.M.103-~~12B~~ 13A TO B.M.103-~~12A~~ 12A |
| B.M.103-~~12B~~ 13A | | | | | | | | | | | | | B.M.103-~~12B~~ 13A (~~AVG 17~~) W-1153 |
| 1 | 180 | 933 | 481 | 5 | 209 151 | 58 | 135 | 192 | 436 | 5 | 165 105 | 60 | 60TH ST. W. & AVE. G. N. ~~E~~ 5 COR. |
| | | | | | | | | | | | | | SEE F.B. ~~2415-19~~ 2877-45 |
| 2 | 133 | 180 | 434 | 5 | 169 97 | 72 | 138 | 150 | 439 | 5 | 175 101 | 74 | |
| 3 | 132 | 072 | 433 | 5 | 165 99 | 130 66 | 148 | 042 | 449 | 5 | 181 115 | 134 66 | |
| 4 | 148 | 570 | 449 | 5 | 181 115 | 196 66 | 158 | 636 | 459 | 5 | 194 122 | 200 72 | T = TORU OHASHI |
| 5 | 147 | 738 | 448 | 5 | 184 110 | 262 74 | 152 | 817 | 453 | 5 | 189 115 | 272 74 | |
| 6 | 148 | 984 | 446 | 5 | 176 120 | 336 30 | 142 | 150 | 443 | 5 | 162 122 | 346 40 | |
| | | | | | | 386 | | | | | | 386 | |
| B.M.103-12A | | | | | | | | | | | | 386 | B.M.103-12A |
| | 888 | 477 | | | | | 874 | 987 | | | | 772 | 60TH ST. W 0.5 MI. S. OF AVE. F. |
| | 874 | 987 | | | | | | | | | | | SEE F.B. 2877-48 |
| + | 13 | 490 | | | | | | | | | | | |

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT | | | | | | FORESIGHT | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM 103-13A TO BM. 103-13 |
| BM. 103-13A | | | | | | | | | | | | | BM. 103-13A |
| | | | | | | | | | | | 167 | | 60th ST. W. & AVE. G. N.E. COR |
| 1 | 187 | 598 | 488 | 5 | 194 180 | 14 | 160 | 818 | 461 | 5 | 153 | 14 | SEE F.B ~~2415-19~~ 2877-49 |
| | 160 | 818 | | | | | | | | | | 14 | |
| | +26 | 780 | | | | | | | | | | 28 | |
| BM. 103-13 | | | | | | | | | | | | | BM. 103-13 |
| | | | | | | | | | | | | | 60th ST. W. & AVE G. ℄ INT. |
| | | | | | | | | | | | | | SEE F.B ~~2877-49~~ 2415-19 |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER DATE 6-19-72 WEATHER SCAT. CLOUDS LT. WIND INST. NO. 96711

NOTES BY G.E. DREIER DATE 6-19-72 TIME 10:20 ROD NO. 1713A-

INDEXED E. J. GALLI DATE AUG 20 72 NOTES CHKD BLANCHARD DATE AUG 1 72

F.B. 2877 PG. 233

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

| STATION | BACKSIGHT | | | | | | FORESIGHT | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM.103-13 TO BM.103-13A |
| B.M.103-13 | | | | | | | | | | | | | BM.103-13 |
| 1. | 163 | 904 | 464 | 5 | 170 156 | 14 | 190 | 670 | 491 | 5 | 177 183 | 14 | 60TH ST. W. & AVE "G" & INT. |
| | | | | | | | 163 | 904 | | | | 14 | SEE F.B. 2415-19 |
| BM.103-13A | | | | | | - | 26 | 766 | | | | 28 | ~~T~~ J. MALDONADO |
| | | | | | | | | | | | | | B.M.103-13A |
| | | | | | | | | | | | | | 60TH. ST. W. & AVE G |
| | | | | | | | | | | | | | SEE F.B. 2877-49 |

F.B. 2877 PG. 234

SURVEY OF L.A. CO. PRECISE LEVEL NET.

SURVEY BY G.E. DREIER NOTES T. OKASHI 6-20-72

INDEXED J. GALLI DATE

JOB NO. 0301.02

WEATHER LT. BREEZE INST. NO. 9670

TIME 10:40 - 10:45 ROD NO. 1713A

NOTES CHK. BLANCHARD DATE AUG 1 72

T = 88°

76P526B CE # 308 8/68

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM B.M. 103-13 TO B.M. 103-14 |
| B.M. 103-13 | | | | | | | | | B.M. 103-13 |
| 1 | 183 | 477 | 484 5 | 219 147 72 | 132 | 317 | 433 5 | 166 98 68 | 60th ST. W. & AVE. G ℄ INT. |
| | | | | | | | | | SEE F.B. 2415-19 |
| 2 | 153 | 122 | 454 5 | 187 119 68 | 151 | 091 | 452 5 | 186 116 70 | |
| | | | | 140 | | | | 138 | J. MALDONADO |
| 3 | 168 | 932 | 469 5 | 202 134 68 | 140 | 792 | 441 5 | 174 106 68 | |
| | | | | 208 | | | | 206 | |
| 4. | 169 | 252 | 470 5 | 204 134 70 | 155 | 898 | 456 5 | 190 120 70 | |
| | | | | 278 | | | | 276 | |
| 5 | 177 | 301 | 478 5 | 213 141 72 | 152 | 709 | 453 5 | 188 116 72 | |
| | | | | 350 | | | | 348 | |
| 6 | 163 | 962 | 464 5 | 188 138 50 | 172 | 428 | 473 5 | 197 147 50 | |
| | | | | 400 | | | | 398 | |
| B.M. 103-14 | | | | | | | | 400 | B.M. 103-14 |
| | 1016 | 046 | | | 905 | 235 | | 798 | 60th St. W. & 0.5 Mi. So. Ave "G" on ℄ |
| | 905 | 235 | | | | | | | SEE F.B. 2415-20 |
| + | 110 | 811 | | | | | | | |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET

SURVEY BY G.E. DREIER

NOTES BY DREIER DATE 6-19-72

INDEXED C. J. GALLI DATE JUL 20 72

NOTES CHKD BLANCHARD DATE AUG 1 72

WEATHER 92° THIN SCAT. CLOUDS

TIME 10:35 - 11:00

INST. NO 9671

ROD NO 1713A

F.B. 2877 PG. 23

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

| STATION | BACKSIGHT | | | | | | FORESIGHT | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM 103-14 TO BM 103-13 |
| B.M. 103-14 | | | | | | | | | | | | | BM 103-14 |
| 1 | 153 | 536 | 454 | 5 | 189 / 117 | 72 | 165 | 933 | 466 | 5 | 202 / 128 | 74 | 60TH ST. W. 0.5 MI. SO. OF AVE "G" ℄ |
| | | | | | | | | | | | | | SEE F.B. 2415-20 |
| 2. | 149 | 643 | 450 | 5 | 186 / 112 | 74 | 152 | 408 | 453 | 5 | 188 / 116 | 72 | |
| | | | | | | 146 | | | | | | 146 | |
| 3. | 137 | 652 | 438 | 5 | 174 / 100 | 74 | 175 | 632 | 476 | 5 | 212 / 138 | 74 | |
| | | | | | | 220 | | | | | | 220 | ⊼ J. MALDONADO |
| 4 | 153 | 471 | 454 | 5 | 189 / 117 | 72 | 158 | 692 | 459 | 5 | 194 / 122 | 72 | |
| | | | | | | 292 | | | | | | 292 | |
| 5 | 148 | 694 | 449 | 5 | 180 / 116 | 64 | 200 | 477 | 501 | 5 | 232 / 168 | 64 | |
| | | | | | | 356 | | | | | | 356 | |
| 6. | 172 | 791 | 473 | 5 | 195 / 149 | 46 | 173 | 470 | 474 | 5 | 193 / 153 | 42 | |
| | | | | | | 402 | | | | | | 398 | |
| B.M. 103-13 | | | | | | | | | | | | 402 | B.M. 103-13 |
| | 915 | 787 | | | | | 1026 | 612 | | | | 800 | 60TH ST. W. & AVE "G" ℄ INT. |
| | | | | | | | 915 | 787 | | | | | SEE F.B. 2415-19 |
| | | | | | | - | 110 | 825 | | | | | |

F.B. 2877 PG. 236

JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E. DREIER NOTES T. OHASHI 6-20-72

INDEXED C. J. GALLI DATE

WEATHER LT. BREEZE T = 88°

TIME 10:15 - 10:40 INST. NO. 9671

NOTES CHKD. BLANCHARD ROD NO. 9136

DATE AUG 1 72

76P526B CE # 308 8/68

PLEASE RETURN TO
**LOS ANGELES COUNTY ENGINEER**
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY T. CRASH
INDEXED E. J. GALLI
DATE 6-19-72
DATE JUL 20 72
WEATHER T-42° HUM. 55% WIND
TIME 11:00 - 1:30
NOTES CHKD. BLANCHARD
INST. NO. 7611
ROD NO. 113 A
DATE AUG 1 72
F.B. 2877 PG. 23

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | | BACKSIGHT STADIA | | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | | FORESIGHT STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | FROM B.M. 103-14 TO B.M. 103-15A |
| B.M. 103-14 | | | | | | | | | | | | | B.M. 103-14 |
| 1 | 195 | 559 | 496 | 5 | 264 | 62 | 147 | 699 | 448 | 5 | 178 / 112 | 62 | 60TH ST. W. 0.5 M. S. OF AVE "G" & |
| | | | | | | | | | | | | | SEE F.B. 2415-20 |
| 2 | 166 | 172 | 467 | 5 | 202 / 130 | 72 | 148 | 901 | 449 | 5 | 185 / 119 | 74 | |
| | | | | | | 134 | | | | | | 136 | |
| 3 | 128 | 231 | 429 | 5 | 162 / 94 | 68 | 166 | 050 | 467 | 5 | 199 / 133 | 66 | π J. MALDONADO |
| | | | | | | 202 | | | | | | 202 | |
| 4 | 143 | 227 | 444 | 5 | 176 / 110 | 66 | 143 | 610 | 444 | 5 | 177 / 109 | 66 | |
| | | | | | | 268 | | | | | | 268 | |
| 5. | 154 | 159 | 455 | 5 | 187 / 121 | 66 | 168 | 472 | 469 | 5 | 201 / 135 | 66 | |
| | | | | | | 334 | | | | | | 334 | |
| 6. | 150 | 872 | 451 | 5 | 182 / 118 | 64 | 152 | 441 | 453 | 5 | 184 / 120 | 64 | |
| | | | | | | 398 | | | | | | 398 | |
| B.M. 103-15A | | | | | | | | | | | | 398 | B.M. 103-15A (USC&GS. V-1153) |
| | 938 | 288 | | | | | 927 | 1743 | | | | 796 | 60TH ST. W. & AVE "H" |
| | 927 | 1743 | | | | | | | | | | | SEE F.B. 2877-50 |
| + | + | 1094 | | | | | | | | | | | |
| + | 11 | 045 | | | | | | | | | | | |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

F.B. 2877 Pg. 238

SURVEY OF LAC.S. Precise Level Net

SURVEY BY G.E. Deeble NOTES T. Ohashi 6-20-72

INDEXED C. J. Gall DATE

JOB NO. 0301.02

WEATHER L. Beeble INST. NO. 9621

TIME 9:45-10:15 ROD NO. 4713A

NOTES CHKD. Blanchard DATE 1-7

T-88°

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | | BACKSIGHT STADIA | | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | | FORESIGHT STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | FROM BM 103-15A TO BM 103-14 |
| BM 103-15A | | | | | | | | | | | | | BM 103-15A (use C&GS V-453) |
| 1 | 146 | 160 | 447 | 5 | 188 184 | 84 | 2 153 | 949 | 453 | 5 | 198 106 | 92 | 60th St. W. & Ave "H" |
| | | | | | | | | | | | | | See F.B. 2877-50 |
| 2 | 165 | 192 | 466 | 5 | 208 122 | 86 | 195 | 113 | 496 | 5 | 232 156 | 78 | |
| | | | | | | 170 | | | | | | 170 | |
| 3 | 198 | 637 | 499 | 5 | 242 154 | 88 | 110 | 093 | 411 | 5 | 155 65 | 90 | ⊼ J. Maldonado |
| | | | | | | 258 | | | | | | 260 | |
| 4 | 147 | 646 | 448 | 5 | 188 106 | 82 | 207 | 260 | 508 | 5 | 248 166 | 82 | |
| | | | | | | 340 | | | | | | 342 | |
| 5 | 170 | 133 | 471 | 5 | 199 141 | 58 | 173 | 901 | 474 | 5 | 199 147 | 52 | |
| | | | | | | 398 | | | | | | 394 | |
| BM 103-14 | | | | | | | | | | | | 398 | BM 103-14 |
| | 828 | 068 | | | | | 839 | 316 | | | | 792 | 60th St. W. 0.5 Mi. So. Ave "G" & |
| | | | | | | | 828 | 068 | | | | | See F.B. 2415-20 |
| | | | | | | | 11 | 248 | | | | | |

76P526B CE # 308 8/68

PLEASE RETURN TO
**LOS ANGELES COUNTY ENGINEER**
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | | BACKSIGHT STADIA | | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | | FORESIGHT STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | FROM BM 103-15A TO B.M. 103-16 |
| B.M. 103-15A | | | | | | | | | | | | | B.M. 103-15A (USC&G.S. V-1153) |
| 1 | 132 | 219 | 433 | 5 | 165 99 | 66 | 188 | 572 | 489 | 5 | 221 155 | 66 | 60TH ST. W. & AVE. "H" |
| | | | | | | | | | | | | | SEE F.B. 2877-50 |
| 2 | 143 | 310 | 444 | 5 | 175 111 | 64 | 160 | 197 | 461 | 5 | 193 127 | 66 | |
| | | | | | | 130 | | | | | | 132 | |
| 3 | 145 | 719 | 446 | 5 | 177 113 | 64 | 161 | 622 | 462 | 5 | 192 130 | 62 | ⊼ J. MALDONADO |
| | | | | | | 194 | | | | | | 194 | |
| 4. | 146 | 112 | 447 | 5 | 177 115 | 62 | 159 | 204 | 460 | 5 | 190 128 | 62 | |
| | | | | | | 256 | | | | | | 256 | |
| 5. | 147 | 946 | 448 | 5 | 180 114 | 66 | 154 | 167 | 455 | 5 | 187 121 | 66 | |
| | | | | | | 322 | | | | | | 322 | |
| 6. | 130 | 679 | 431 | 5 | 161 99 | 62 | 149 | 482 | 450 | 5 | 179 119 | 60 | |
| 7 | 145 | 847 | 446 | 5 | 164 126 | 384 | 183 | 306 | 484 | 5 | 204 162 | 382 | |
| B.M. 103-16 | | | | | | 38 | | | | | | 42 | B.M. 103-16 |
| | | | | | | 422 | | | | | | 424 | 60TH ST. W. & 0.5 MI. SO. OF AVE. "H" |
| | 991 | 832 | | | | | 1156 | 550 | | | | 422 | SEE F.B. 2415-22 |
| | | | | | | | 991 | 832 | | | | 846 | |
| | | | | | | – | 164 | 718 | | | | | |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G.E. DREIER
NOTES BY T. OHASHI DATE 6-19-72
INDEXED C. J. GALLI DATE JUL 20 72
WEATHER T=92° THIN SCAT CLOUDS IT WIND
TIME 1130 - 1200
NOTES CHKD BLANCHARD DATE AUG 1 7
INST. NO. 96711
ROD NO. 1713A
F.B. 2877 PG. 23

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

| STATION | BACKSIGHT | | | | | | FORESIGHT | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM B.M. 103-16 TO B.M. 103-15A |
| B.M. 103-16 | | | | | | | | | | | | | B.M. 103-16 |
| 1. | 161 | 747 | 462 | 5 | 194 128 | 66 | 125 | 378 | 426 | 5 | 158 92 | 66 | 60TH ST. W 0.5 MI. SO. OF AVE "H" |
| | | | | | | | | | | | | | SEE F.B. 2415-22 |
| 2. | 165 | 352 | 466 | 5 | 201 129 | 72 | 143 | 797 | 444 | 5 | 178 108 | 70 | |
| | | | | | | 138 | | | | | | 136 | |
| 3. | 142 | 562 | 443 | 5 | 178 106 | 72 | 133 | 738 | 434 | 5 | 168 98 | 70 | ⊼ J. MALDONADO |
| | | | | | | 210 | | | | | | 206 | |
| 4. | 149 | 651 | 450 | 5 | 180 118 | 62 | 138 | 803 | 439 | 5 | 172 104 | 68 | |
| | | | | | | 272 | | | | | | 274 | |
| 5 | 154 | 798 | 455 | 5 | 191 117 | 74 | 122 | 712 | 423 | 5 | 159 85 | 74 | |
| | | | | | | 346 | | | | | | 348 | |
| 6 | 170 | 493 | 471 | 5 | 207 133 | 74 | 115 | 802 | 416 | 5 | 152 78 | 74 | |
| | | | | | | 420 | | | | | | 422 | |
| B.M. 103-15A | | | | | | | | | | | | 420 | B.M. 103-15A (USC&GS V-1153) |
| | 944 | 603 | | | | | 780 | 230 | | | | 842 | 60TH ST. W. & AVE "H" |
| | 780 | 230 | | | | | | | | | | | SEE F.B. 2877-50 |
| + | 164 | 373 | | | | | | | | | | | |

F.B. 2877 PG. 240

JOB NO. 030102

SURVEY OF L.A. Co. PRECISE LEVEL NET

SURVEY BY G.E. DREIER NOTES T. OLASH 6-19-72

INDEXED C. J. GALLI DATE

WEATHER Thin Seat, Clouds INST. NO. 9671

TIME 2:00 - 2:30 ROD NO. 1713A

NOTES CHKD BLANCHARD DATE AUG 17

76P526B CE # 308 8/68

PLEASE RETURN TO
**LOS ANGELES COUNTY ENGINEER**
403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM BM.103-15A TO BM.103-16 |
| BM.103-15A | | | | | | | | | B.M. 103-15A (use GS. V-1153) |
| 1 | 128 | 319 | 429 5 | 164 92 72 | 181 | 053 | 482 5 | 216 146 70 | 60TH. ST. W. & AVE "H" |
| | | | | | | | | | SEE F.B. 2877-50 |
| 2 | 125 | 778 | 426 5 | 158 92 66 | 153 | 477 | 454 5 | 186 120 66 | |
| | | | | 138 | | | | 136 | |
| 3 | 135 | 450 | 436 5 | 169 101 68 | 155 | 701 | 456 5 | 189 121 68 | ⊼ J. MALDONADO |
| | | | | 206 | | | | 204 | |
| 4. | 141 | 401 | 442 5 | 176 106 70 | 145 | 409 | 446 5 | 180 110 70 | |
| | | | | 276 | | | | 274 | — RERUN — |
| 5. | 143 | 378 | 444 5 | 178 108 70 | 163 | 862 | 464 5 | 198 128 70 | |
| | | | | 346 | | | | 344 | |
| 6. | 142 | 707 | 443 5 | 180 104 76 | 182 | 098 | 483 5 | 221 143 78 | |
| | | | | 422 | | | | 422 | |
| BM 103-16 | | | | | | | | 422 | BM 103-16 |
| | 817 | 033 | | | 981 | 600 | | 844 | 60TH ST. W. & 0.5 MI. SO. OF AVE "H" |
| | | | | | 817 | 033 | | | SEE F.B. 2415-22 |
| | | | | — | 164 | 567 | | | |

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY G. E. DREIER
NOTES BY T. OKASHI DATE 6-26-72
INDEXED C. J. GALLI DATE 20 72
WEATHER DIST. HAZE-BREEZE
TIME 1:55-2:20
NOTES CHKD. BLANCHARD DATE AUG 17
INST. NO. 9671
ROD NO. 1713
F.B. 2877 PG. 2 4

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

F.B. 2877 PG. 242 JOB NO. 0301.02

SURVEY OF L.A. La Presse Level Net

SURVEY BY G. Ebner NOTES T. Chasm DATE 7-18-72

INDEXED G. J. GALLI DATE

WEATHER 98° CLR. INST. NO. 9671

TIME 1120 ROD NO. 17834

NOTES CHKD. BLANCHARD DATE 7-18

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | | BACKSIGHT STADIA | | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | | FORESIGHT STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | FROM BM.103-16 TO BM.103-15A |
| BM.103-16 | | | | | | | | | | | | | BM.103-16 |
| 1 | 161 | 464 | 462 | 5 | 202 120 | 82 | 160 | 542 | 461 | 5 | 196 124 | 72 | 60th ST. W. & AVE. H-8 |
| | | | | | | | | | | | | | SEE F.B. 2415-22 |
| 2 | 183 | 722 | 484 | 5 | 219 147 | 72 | 129 | 302 | 430 | 5 | 170 88 | 82 | |
| | | | | | | 154 | | | | | | 154 | |
| 3 | 137 | 203 | 438 | 5 | 174 100 | 74 | 129 | 619 | 430 | 5 | 166 93 | 72 | RERUN |
| | | | | | | 228 | | | | | | 226 | T. J. MALDONADO |
| 4 | 155 | 879 | 456 | 5 | 191 119 | 72 | 141 | 693 | 442 | 5 | 179 103 | 76 | |
| | | | | | | 300 | | | | | | 302 | |
| 5 | 162 | 088 | 463 | 5 | 198 126 | 72 | 115 | 011 | 416 | 5 | 151 79 | 72 | |
| | | | | | | 372 | | | | | | 374 | |
| 6 | 163 | 431 | 464 | 5 | 189 137 | 52 | 123 | 372 | 424 | 5 | 148 98 | 50 | |
| | | | | | | 424 | / | | | | | 424 | / |
| BM.103-15A | | | | | | | | | | | | 424 | BM.103-15A (U.S.C.&G.S. V1153) |
| | 963 | 787 | / | | | | 799 | 539 | / | | | 848 | 160th ST. W. & AVE. H |
| | 799 | 539 | | | | | | | | | | | SEE F.B. 2877-50 |
| | +164 | 248 | / | | | | | | | | | | |

76P526B CE # 308 8/68

PLEASE RETURN TO
**LOS ANGELES COUNTY ENGINEER**
403 LOS ANGELES COUNTY ENGINEERING BLDG.

**NOTE:** ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED IK, WITH DATE AND NAME OF PERSON MAKING CHANGE

**Do not extend notes this side of this line.**

JOB NO. 0301 02 SURVEY OF L.A. CO. PRECISE LEVEL NET
SURVEY BY Mc Clemmen & Dreier
NOTES BY Mc Clemmen DATE 6-19-72
INDEXED C.J. CALLI DATE 20 72
WEATHER Hazy Sun 80 INST. NO. 96 72
TIME 1:02 PM 1.32 ROD NO. 0213 A
NOTES CHK'D BLANCHARD DATE AUG 1 7
T - 94°
F.B. 2877 PG. 2413

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | | STADIA | | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | | STADIA | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | FROM BM 103-16 TO BM102-13 |
| BM103-16 | | 3 | | | 201 | | | | | | 195 | | BM103-16 |
| 1 | 166 | 940 | 467 | 5 | 131 | 70 | 158 | 597 | 459 | 5 | 121 | 74 | 60th St. W. & 0.5 mi. So. of Ave. H |
| | | | | | 169 | | | | | | 203 | | See F.B. 2415-22 |
| 2 | 135 | 039 | 436 | 5 | 101 | 68 | 168 | 299 | 469 | 5 | 133 | 70 | |
| | | | | | 181 | 138 | | | | | 192 | 144 | |
| 3 | 145 | 052 | 446 | 5 | 109 | 72 | 157 | 551 | 458 | 5 | 122 | 70 | T. Siemann |
| | | | | | 172 | 230 | | | | | 181 | 214 | |
| 4 | 137 | 950 | 438 | 5 | 102 | 70 | 146 | 920 | 447 | 5 | 111 | 70 | |
| | | | | | 198 | 380 | | | | | 200 | 284 | |
| 5 | 163 | 682 | 464 | 5 | 128 | 70 | 165 | 919 | 466 | 5 | 130 | 70 | |
| | | | | | 173 | 350 | | | | | 194 | 354 | |
| 6 | 141 | 560 | 442 | 5 | 109 | 64 | 164 | 626 | 465 | 5 | 134 | 60 | |
| | | | | | | 414 | | | | | | 414 | |
| | | | | | | | | | | | | 414 | |
| | 890 | 223 | | | | | 961 | 912 | | | | 828 | BM102-13 |
| | | | | | | | 890 | 223 | | | | | Ave. I & 60th St. W. |
| BM102-13 | | | | | | | 71 | 689 | | | | | See F.B. 2412-19 |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

**Do not extend notes this side of this line.**

| STATION | BACKSIGHT | | | | | | FORESIGHT | | | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | | STADIA | | RIGHT | MIC. | LEFT. | | STADIA | | FROM BM102-13 TO BM103-16 |
| BM102-13 | | | | | | | | | | | | | BM102-13 |
| 1 | 155 | 319 | 456 | 5 | 189 121 | 68 | 134 | 000 | 435 | 5 | 168 100 | 68 | Ave. T & 60th St. W. |
| | | | | | | | | | | | | | See F.B. 2412-19 |
| 2 | 144 | 345 | 445 | 5 | 180 108 | 72 | 138 | 455 | 439 | 5 | 174 102 | 72 | |
| | | | | | 183 | 140 | | | | | 176 | 140 | |
| 3 | 148 | 938 | 449 | 5 | 113 | 70 | 141 | 665 | 442 | 5 | 106 | 70 | T-Siemann |
| | | | | | 185 | 210 | | | | | 166 | 210 | |
| 4 | 149 | 099 | 450 | 5 | 113 | 72 | 130 | 152 | 431 | 5 | 94 | 72 | |
| | | | | | 195 | 282 | | | | | 167 | 282 | |
| 5 | 160 | 701 | 461 | 5 | 125 | 70 | 133 | 012 | 434 | 5 | 99 | 68 | |
| | | | | | 167 | 357 | | | | | 178 | 350 | |
| 6 | 139 | 620 | 440 | 5 | 111 | 56 | 149 | 136 | 450 | 5 | 120 | 58 | |
| | | | | | | 408 | | | | | | 408 | |
| | | | | | | | | | | | | 408 | |
| | 898 | 022 | | | | | 826 | 420 | | | | 816 | BM103-16 |
| BM103-16 | 826 | 420 | | | | | | | | | | | 60th St. W. & 0.5 mi. So. of Ave. T |
| | +71 | 602 | | | | | | | | | | | See F.B. 2415-22 |

T-94°

WEATHER Sunny & Br. INST. NO. 967

TIME 1:40 to 2:00 ROD NO. 17134

NOTES CHKD. BLANCHARD DATE AUG 17

F.B. 2877 PG. 244 JOB NO. 0301.02

SURVEY OF L.A. Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 6-19-72

INDEXED C. J. GALLI DATE

JOB NO. 0301.02 SURVEY OF L.A. CO. PRECISE LEVEL NET T-94°

F.B. 2877 PG. 245

SURVEY BY G. E. Dreier WEATHER Sunny & Br. INST. NO. 9671C

NOTES BY Maldonado DATE 6-19-72 TIME 1:30 to 1:35 ROD NO. 1713A

INDEXED C. J. GALLI DATE JUL 20 '72 NOTES CHKD. BLANCHARD DATE AUG 1

76P526B CE # 308/8/68

PLEASE RETURN TO

LOS ANGELES COUNTY ENGINEER

403 LOS ANGELES COUNTY ENGINEERING BLDG.

NOTE: ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE

Do not extend notes this side of this line.

| STATION | BACKSIGHT RIGHT | BACKSIGHT MIC. | BACKSIGHT LEFT. | BACKSIGHT STADIA | FORESIGHT RIGHT | FORESIGHT MIC. | FORESIGHT LEFT. | FORESIGHT STADIA | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | FROM BM 102-13 TO BM 102-13A |
| BM 102-13 | | | | 135 | | | | 158 | BM 102-13 |
| 1 | 129 | 699 | 430 5 | 123 12 | 152 | 909 | 453 5 | 146 12 | Ave T & 60th St. W. S.E. Cor. |
| | | | | | 129 | 699 | | 12 | See F.B. 2412-19 |
| | | | | | -23 | 210 | | 24 | |
| | | | | | | | | | T-Siemann |
| BM 102-12A | | | | | | | | | BM 102-12A (U.S.C.&G.S. U-1135) |
| | | | | | | | | | Ave I & 60th St. W. S.E. Cor. |
| | | | | | | | | | See F.B. 2412-19 |

PLEASE RETURN TO

**LOS ANGELES COUNTY ENGINEER**

403 LOS ANGELES COUNTY ENGINEERING BLDG.

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**Do not extend notes this side of this line.**

F.B. 2877 PG. 246 JOB NO. 0301.02

SURVEY OF L.A.Co. Precise Level Net

SURVEY BY Dreier NOTES Maldonado 6-19-72

INDEXED C. J. GALL DATE

T-94°

WEATHER Sunny & Br. INST. NO. 96716

TIME 1:35 to 1:40 ROD NO. 713A15

NOTES CHKD BLANCHARD DATE AUG 1 72

| STATION | BACKSIGHT | | | | FORESIGHT | | | | DESCRIPTION AND REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| | RIGHT | MIC. | LEFT. | STADIA | RIGHT | MIC. | LEFT. | STADIA | FROM BM102-12A TO BM102-13 |
| BM 102-12A | | | | 158 | | | | 134 | BM102-12A (U.S.C&G.S. V-1153) |
| 1 | 15 | 2012 | 453 | 5 146 12 | 128 | 789 | 429 | 5 122 12 | Ave. I & 60th St. W S.E. Cor. |
| | 128 | 789 | | | | | | 12 | See F.B. 2412-19 |
| | + 23 | 223 | | | | | | 24 | |
| | | | | | | | | | T. Siemann |
| BM 102-13 | | | | | | | | | BM102-13 |
| | | | | | | | | | Ave. I & 60th St. W. |
| | | | | | | | | | See F.B. 2412-19 S.E. Cor. |