

# San Diego County Traffic Advisory Committee



Committee Secretary  
5510 Overland Avenue #410, Room 470, M.S. 0-334  
San Diego, California 92123-1239  
(858) 694-3843

## Represented Agencies

Automobile Club of Southern  
California  
California Department of  
Transportation  
California Highway Patrol  
Independent Insurance Agents  
& Brokers of San Diego  
San Diego County Bicycle Coalition  
San Diego County Department of  
Public Works  
San Diego County Office of Education  
San Diego County Pacific Safety  
Council  
San Diego County  
Sheriff's Department

February 23, 2018

TO: Community Planning/Sponsor Group Chairpersons

FROM: Secretary, Traffic Advisory Committee

## MEETING NOTICE

Attached is the preliminary agenda for the March 9, 2018, meeting of the Traffic Advisory Committee (TAC). The meeting will begin at 9:00 AM in the following location:

Department of Public Works  
Second Floor, Room 271  
5510 Overland Avenue  
San Diego, CA 92123

Your community group may have previously provided formal input on these matters and your group's recommendations would be included as part of the Chief Administrative Officer's report to the Board of Supervisors along with TAC recommendations. The Board of Supervisors will make a final decision as to what action will be taken after reviewing TAC recommendations and community group input, when available.

If your community planning/sponsor group representative would like to attend the TAC meeting and participate in the discussion of an item on this agenda, or if you do have any questions or need additional information regarding this procedure, please contact me at (858) 694-3843. TAC staff is available to provide background information on items and to answer questions you may have.

Very truly yours,

Kenton R. Jones, Secretary  
San Diego County Traffic Advisory Committee

KRJ:sh

Attachment



**SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE**

**March 9, 2018 ~ 9:00 AM**

**5510 Overland Ave, Room 271**

**San Diego CA, 92123**

**AGENDA**

- I. Call to Order / Roll Call**
- II. Pledge of Allegiance**
- III. Approval of Minutes**
- IV. Items for Review**

| SUBJECT                                |                       | LOCATION                              | AREA                          | PLANNING/<br>SPONSOR GROUP     |
|----------------------------------------|-----------------------|---------------------------------------|-------------------------------|--------------------------------|
| <b><u>SUPERVISORIAL DISTRICT 2</u></b> |                       |                                       |                               |                                |
| 2-A.                                   | RADAR RECERTIFICATION | CAMPO RD/SWEETWATER<br>SPRINGS BLVD   | CASA DE ORO/<br>SPRING VALLEY | VALLE DE ORO/<br>SPRING VALLEY |
| 2-B.                                   | RADAR RECERTIFICATION | AVOCADO BLVD                          | MOUNT HELIX                   | VALLE DE ORO                   |
| 2-C.                                   | RADAR RECERTIFICATION | ROLLING HILLS DR                      | EL CAJON                      | VALLE DE ORO                   |
| 2-D.                                   | RADAR RECERTIFICATION | MAPLEVIEW ST/LAKE<br>JENNINGS PARK RD | LAKESIDE                      | LAKESIDE                       |
| <b><u>SUPERVISORIAL DISTRICT 5</u></b> |                       |                                       |                               |                                |
| 5-A.                                   | RADAR RECERTIFICATION | LA ORILLA                             | RANCHO SANTA FE               | SAN DIEGUITO                   |

## SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

**COMMITTEE REPORT OF:** March 9, 2018

**Item 2-A**

**SUPERVISORIAL DISTRICT:** 2

**SUBJECT:** Radar Recertification

**LOCATION:** Campo Road/Sweetwater Springs Boulevard from 400 feet east of South Granada Avenue to Jamacha Boulevard (1.66 miles) VALLE DE ORO/SPRING VALLEY (Thos. Bros. 1271-E5)

**INITIATED BY:** DPW Traffic Engineering

**REQUEST:** Radar Recertification

**PROBLEM AS STATED BY REQUESTER:**

Campo Road/Sweetwater Springs Boulevard from 400 feet east of S. Granada Avenue to Jamacha Boulevard is posted 45 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

**Existing Traffic Devices**

Campo Road/Sweetwater Springs Boulevard is a striped four-lane Through Highway that varies from 60 feet to 74 feet wide. There are segments with a two-way left-turn lane separating both directions of travel. There are bike lanes along both sides of the roadway. The road is posted 45 MPH/Radar Certified. Campo Road is classified as a Boulevard and Sweetwater Springs Boulevard is classified as a Major Road on the County General Plan Mobility Element Network.

**Average Daily Traffic Volumes**

Campo Rd/Sweetwater Springs Blvd:  
100' N/o Del Rio Road

**2/16**

27,360

**2/08**

26,690

**Speed Data**

Campo Rd/Sweetwater Springs Blvd:

**85th  
Percentile**

**10 MPH  
Pace**

**% in  
Pace**

400' N/o Aqua Dulce Blvd (2018) 44.2 MPH 35-44 68.0%

200' S/o Cristobal Dr (2018) 44.3 MPH 35-44 74.0%  
(2009) 48.0 MPH 37-46 75.0%

200' N/o Moorpark St (2018) 51.9 MPH 43-52 65.0%  
(2009) 48.0 MPH 38-47 68.4%

Speed Zone (2018) 46.8 MPH 38-47 69.0%

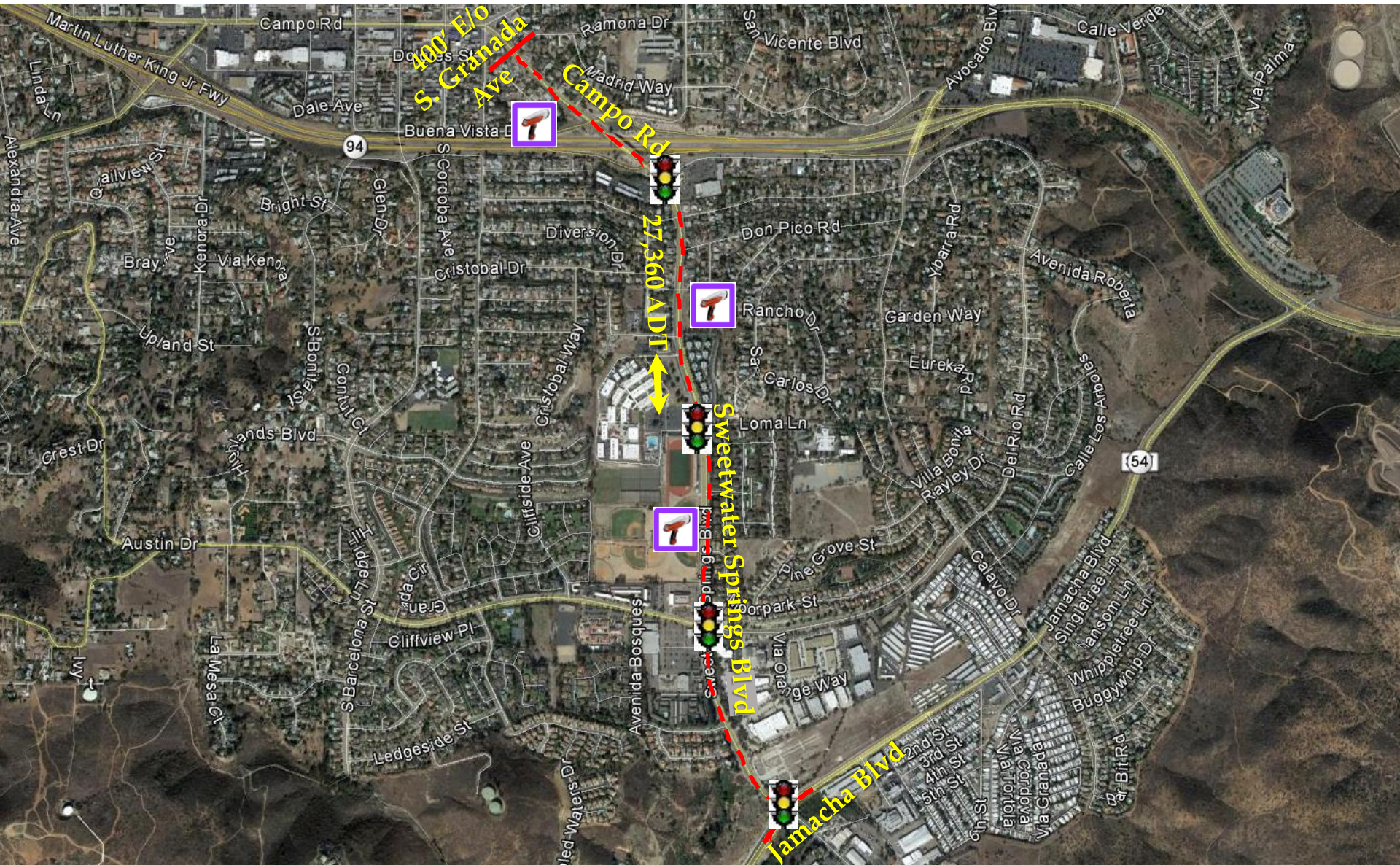
**Collision Data**

There have been 50 reported collisions along this segment of roadway, 11 of which involved injury, in a two year period (11-1-15 to 10-31-17). These collisions result in a segment accident rate of 1.51 collisions per million vehicle miles. The statewide average is 1.44 collisions per million vehicle miles for similar suburban divided 4-lane roads with speeds less than or equal 55 mile per hour.



## 2-A. Radar Recertification

**Campo Rd/Sweetwater Springs Blvd from 400' East of South Granada Ave to Jamacha Blvd (1.66 miles)**





**VOLUME**

Sweetwater Springs Blvd 100' n/o Del Rio Rd

Day: Wednesday

Date: 2/10/2016

City: Spring Valley

Project #: CA16\_4036\_001

| DAILY TOTALS |       |       |     |     | NB       | SB        | EB    |       |     |      |          | WB | Total |
|--------------|-------|-------|-----|-----|----------|-----------|-------|-------|-----|------|----------|----|-------|
|              |       |       |     |     | 13,742   | 13,617    |       |       |     |      |          | 0  | 0     |
| AM Period    | NB    | SB    | EB  | WB  | TOTAL    | PM Period | NB    | SB    | EB  | WB   | TOTAL    |    |       |
| 00:00        | 11    | 47    |     |     | 58       | 12:00     | 218   | 181   |     |      | 399      |    |       |
| 00:15        | 10    | 23    |     |     | 33       | 12:15     | 170   | 177   |     |      | 347      |    |       |
| 00:30        | 10    | 34    |     |     | 44       | 12:30     | 152   | 181   |     |      | 333      |    |       |
| 00:45        | 6     | 37    | 19  | 123 | 25 160   | 12:45     | 155   | 695   | 182 | 721  | 337 1416 |    |       |
| 01:00        | 8     | 13    |     |     | 21       | 13:00     | 155   | 180   |     |      | 335      |    |       |
| 01:15        | 11    | 24    |     |     | 35       | 13:15     | 156   | 180   |     |      | 336      |    |       |
| 01:30        | 4     | 9     |     |     | 13       | 13:30     | 189   | 205   |     |      | 394      |    |       |
| 01:45        | 3     | 26    | 16  | 62  | 19 88    | 13:45     | 181   | 681   | 212 | 777  | 393 1458 |    |       |
| 02:00        | 1     | 12    |     |     | 13       | 14:00     | 229   | 242   |     |      | 471      |    |       |
| 02:15        | 11    | 8     |     |     | 19       | 14:15     | 288   | 250   |     |      | 538      |    |       |
| 02:30        | 9     | 11    |     |     | 20       | 14:30     | 247   | 248   |     |      | 495      |    |       |
| 02:45        | 17    | 38    | 12  | 43  | 29 81    | 14:45     | 203   | 967   | 286 | 1026 | 489 1993 |    |       |
| 03:00        | 10    | 8     |     |     | 18       | 15:00     | 298   | 299   |     |      | 597      |    |       |
| 03:15        | 21    | 5     |     |     | 26       | 15:15     | 257   | 260   |     |      | 517      |    |       |
| 03:30        | 19    | 11    |     |     | 30       | 15:30     | 259   | 285   |     |      | 544      |    |       |
| 03:45        | 19    | 69    | 9   | 33  | 28 102   | 15:45     | 196   | 1010  | 255 | 1099 | 451 2109 |    |       |
| 04:00        | 27    | 15    |     |     | 42       | 16:00     | 196   | 266   |     |      | 462      |    |       |
| 04:15        | 32    | 4     |     |     | 36       | 16:15     | 197   | 302   |     |      | 499      |    |       |
| 04:30        | 39    | 9     |     |     | 48       | 16:30     | 226   | 298   |     |      | 524      |    |       |
| 04:45        | 56    | 154   | 13  | 41  | 69 195   | 16:45     | 264   | 883   | 278 | 1144 | 542 2027 |    |       |
| 05:00        | 101   | 16    |     |     | 117      | 17:00     | 230   | 317   |     |      | 547      |    |       |
| 05:15        | 107   | 27    |     |     | 134      | 17:15     | 226   | 292   |     |      | 518      |    |       |
| 05:30        | 156   | 28    |     |     | 184      | 17:30     | 231   | 295   |     |      | 526      |    |       |
| 05:45        | 160   | 524   | 48  | 119 | 208 643  | 17:45     | 192   | 879   | 321 | 1225 | 513 2104 |    |       |
| 06:00        | 207   | 54    |     |     | 261      | 18:00     | 200   | 277   |     |      | 477      |    |       |
| 06:15        | 232   | 70    |     |     | 302      | 18:15     | 168   | 297   |     |      | 465      |    |       |
| 06:30        | 221   | 71    |     |     | 292      | 18:30     | 187   | 279   |     |      | 466      |    |       |
| 06:45        | 268   | 928   | 177 | 372 | 445 1300 | 18:45     | 183   | 738   | 237 | 1090 | 420 1828 |    |       |
| 07:00        | 296   | 275   |     |     | 571      | 19:00     | 134   | 216   |     |      | 350      |    |       |
| 07:15        | 395   | 159   |     |     | 554      | 19:15     | 147   | 201   |     |      | 348      |    |       |
| 07:30        | 381   | 164   |     |     | 545      | 19:30     | 136   | 180   |     |      | 316      |    |       |
| 07:45        | 376   | 1448  | 276 | 874 | 652 2322 | 19:45     | 106   | 523   | 159 | 756  | 265 1279 |    |       |
| 08:00        | 403   | 264   |     |     | 667      | 20:00     | 109   | 194   |     |      | 303      |    |       |
| 08:15        | 254   | 161   |     |     | 415      | 20:15     | 74    | 183   |     |      | 257      |    |       |
| 08:30        | 230   | 173   |     |     | 403      | 20:30     | 71    | 163   |     |      | 234      |    |       |
| 08:45        | 193   | 1080  | 149 | 747 | 342 1827 | 20:45     | 102   | 356   | 155 | 695  | 257 1051 |    |       |
| 09:00        | 176   | 157   |     |     | 333      | 21:00     | 60    | 137   |     |      | 197      |    |       |
| 09:15        | 177   | 123   |     |     | 300      | 21:15     | 66    | 138   |     |      | 204      |    |       |
| 09:30        | 190   | 112   |     |     | 302      | 21:30     | 67    | 124   |     |      | 191      |    |       |
| 09:45        | 197   | 740   | 113 | 505 | 310 1245 | 21:45     | 64    | 257   | 111 | 510  | 175 767  |    |       |
| 10:00        | 227   | 107   |     |     | 334      | 22:00     | 49    | 91    |     |      | 140      |    |       |
| 10:15        | 168   | 131   |     |     | 299      | 22:15     | 31    | 107   |     |      | 138      |    |       |
| 10:30        | 165   | 126   |     |     | 291      | 22:30     | 36    | 78    |     |      | 114      |    |       |
| 10:45        | 199   | 759   | 140 | 504 | 339 1263 | 22:45     | 39    | 155   | 60  | 336  | 99 491   |    |       |
| 11:00        | 193   | 131   |     |     | 324      | 23:00     | 25    | 53    |     |      | 78       |    |       |
| 11:15        | 162   | 166   |     |     | 328      | 23:15     | 29    | 52    |     |      | 81       |    |       |
| 11:30        | 182   | 162   |     |     | 344      | 23:30     | 21    | 34    |     |      | 55       |    |       |
| 11:45        | 168   | 705   | 166 | 625 | 334 1330 | 23:45     | 15    | 90    | 51  | 190  | 66 280   |    |       |
| TOTALS       | 6508  | 4048  |     |     | 10556    | TOTALS    | 7234  | 9569  |     |      | 16803    |    |       |
| SPLIT %      | 61.7% | 38.3% |     |     | 38.6%    | SPLIT %   | 43.1% | 56.9% |     |      | 61.4%    |    |       |

| DAILY TOTALS |  |  |  |  | NB     | SB     | EB |  |  |  |  | WB | Total |
|--------------|--|--|--|--|--------|--------|----|--|--|--|--|----|-------|
|              |  |  |  |  | 13,742 | 13,617 |    |  |  |  |  | 0  | 0     |

| DAILY TOTALS    |       |       |       |       | NB     | SB              | EB    | WB    | Total             |
|-----------------|-------|-------|-------|-------|--------|-----------------|-------|-------|-------------------|
|                 |       |       |       |       | 13,742 | 13,617          | 0     | 0     | 27,359            |
| AM Peak Hour    | 07:15 | 07:00 |       |       | 07:15  | PM Peak Hour    | 14:15 | 17:00 | 14:45             |
| AM Pk Volume    | 1555  | 874   |       |       | 2418   | PM Pk Volume    | 1036  | 1225  | 2147              |
| Pk Hr Factor    | 0.965 | 0.792 |       |       | 0.906  | Pk Hr Factor    | 0.869 | 0.954 | 0.899             |
| 7 - 9 Volume    | 2528  | 1621  | 0     | 0     | 4149   | 4 - 6 Volume    | 1762  | 2369  | 0 0 4131          |
| 7 - 9 Peak Hour | 07:15 | 07:00 |       |       | 07:15  | 4 - 6 Peak Hour | 16:45 | 17:00 | 16:45             |
| 7 - 9 Pk Volume | 1555  | 874   | 0     | 0     | 2418   | 4 - 6 Pk Volume | 951   | 1225  | 0 0 2133          |
| Pk Hr Factor    | 0.965 | 0.792 | 0.000 | 0.000 | 0.906  | Pk Hr Factor    | 0.901 | 0.954 | 0.000 0.000 0.975 |



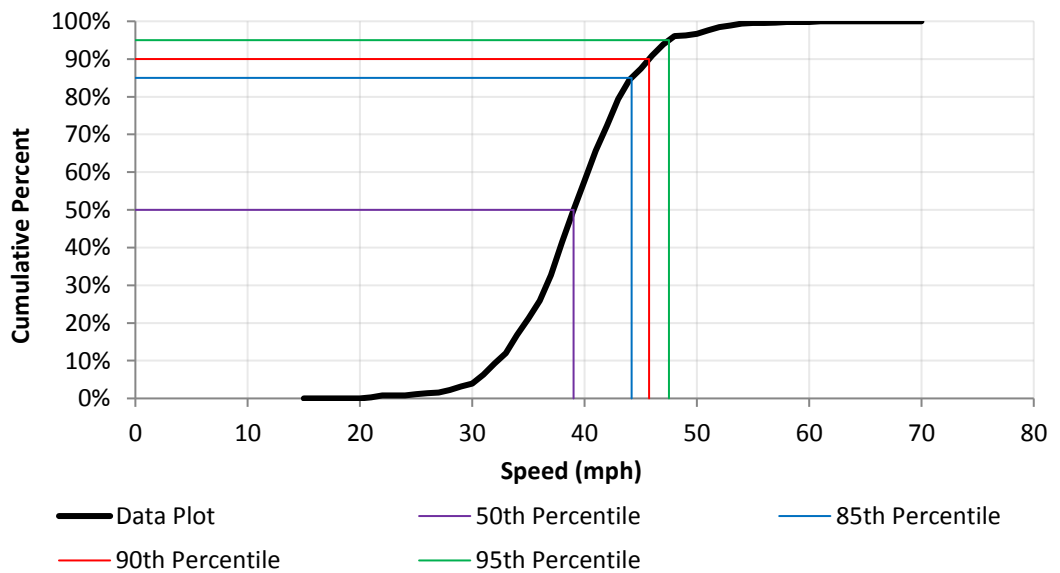
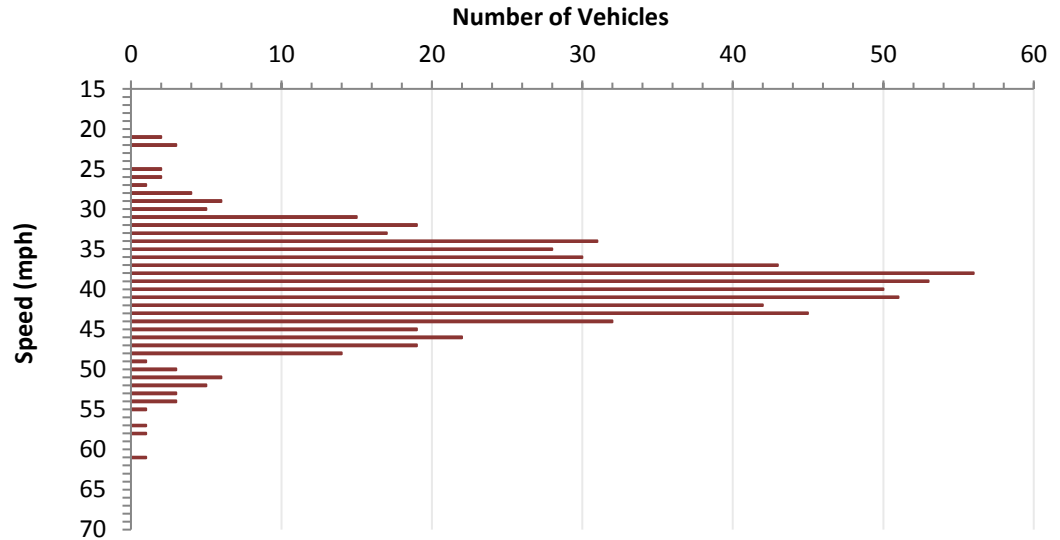
# RADAR SPEED SURVEY

## SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

|                   |                          |                   |                         |            |              |
|-------------------|--------------------------|-------------------|-------------------------|------------|--------------|
| <b>Road Name:</b> | Campo Road/Sweetwater    | <b>From:</b>      | 400' E/o S. Granada Ave | <b>To:</b> | Jamacha Blvd |
| <b>Position:</b>  | 400' N/o Agua Dulce Blvd | <b>Direction:</b> | NB/SB                   |            |              |

|                    |           |                        |       |                          |            |
|--------------------|-----------|------------------------|-------|--------------------------|------------|
| <b>Date:</b>       | 1/17/2018 | <b>Weather:</b>        | Clear | <b>Project Number:</b>   | 0          |
| <b>Time Start:</b> | 11:25 AM  | <b>Road Condition:</b> | Dry   | <b>Observer:</b>         | Contractor |
| <b>Time End:</b>   | 1:25 PM   | <b>Posted Speed:</b>   | None  | <b>Calibration Test:</b> | 0          |

| Speed (mph)  | Num. Veh.  | Cum. Pct. |
|--------------|------------|-----------|
| 15           |            |           |
| 16           |            |           |
| 17           |            |           |
| 18           |            |           |
| 19           |            |           |
| 20           |            |           |
| 21           | 2          | 0.3%      |
| 22           | 3          | 0.8%      |
| 23           |            |           |
| 24           |            |           |
| 25           | 2          | 1.1%      |
| 26           | 2          | 1.4%      |
| 27           | 1          | 1.6%      |
| 28           | 4          | 2.2%      |
| 29           | 6          | 3.1%      |
| 30           | 5          | 3.9%      |
| 31           | 15         | 6.3%      |
| 32           | 19         | 9.3%      |
| 33           | 17         | 11.9%     |
| 34           | 31         | 16.8%     |
| 35           | 28         | 21.2%     |
| 36           | 30         | 25.9%     |
| 37           | 43         | 32.7%     |
| 38           | 56         | 41.5%     |
| 39           | 53         | 49.8%     |
| 40           | 50         | 57.7%     |
| 41           | 51         | 65.7%     |
| 42           | 42         | 72.3%     |
| 43           | 45         | 79.4%     |
| 44           | 32         | 84.4%     |
| 45           | 19         | 87.4%     |
| 46           | 22         | 90.9%     |
| 47           | 19         | 93.9%     |
| 48           | 14         | 96.1%     |
| 49           | 1          | 96.2%     |
| 50           | 3          | 96.7%     |
| 51           | 6          | 97.6%     |
| 52           | 5          | 98.4%     |
| 53           | 3          | 98.9%     |
| 54           | 3          | 99.4%     |
| 55           | 1          | 99.5%     |
| 56           |            |           |
| 57           | 1          | 99.7%     |
| 58           | 1          | 99.8%     |
| 59           |            |           |
| 60           |            |           |
| 61           | 1          | 100.0%    |
| 62           |            |           |
| 63           |            |           |
| 64           |            |           |
| 65           |            |           |
| 66           |            |           |
| 67           |            |           |
| 68           |            |           |
| 69           |            |           |
| 70           |            |           |
| <b>Total</b> | <b>636</b> |           |



### DATA ANALYSIS

|                 |      |                 |         |
|-----------------|------|-----------------|---------|
| Average Speed   | 39.6 | Range           | 21 - 61 |
| 50th Percentile | 39.0 | 10 mph Pace     | 35 - 44 |
| 85th Percentile | 44.2 | Number in Pace  | 430     |
| 90th Percentile | 45.7 | Percent in Pace | 68%     |
| 95th Percentile | 47.5 |                 |         |



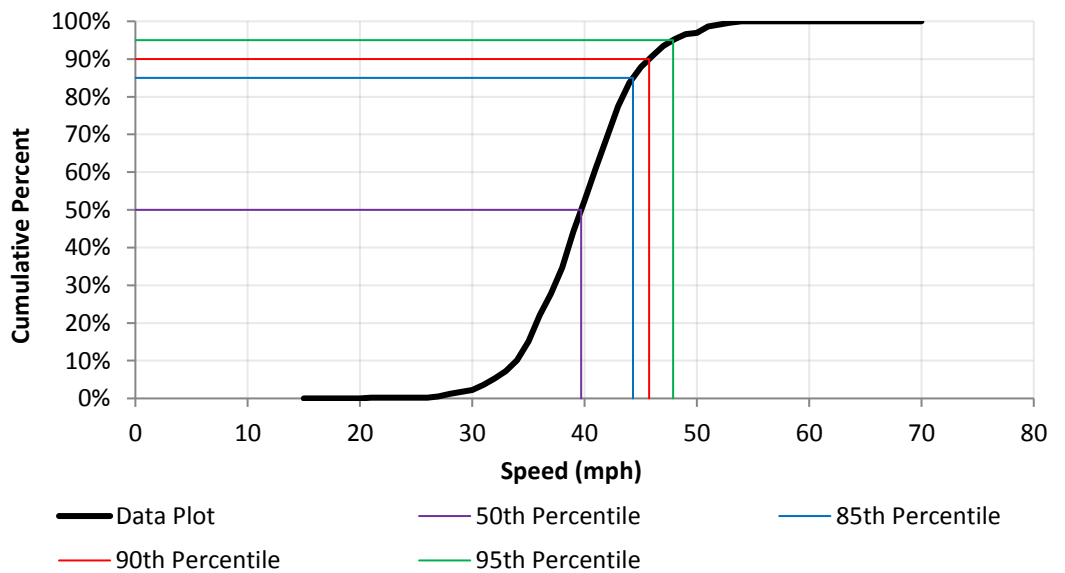
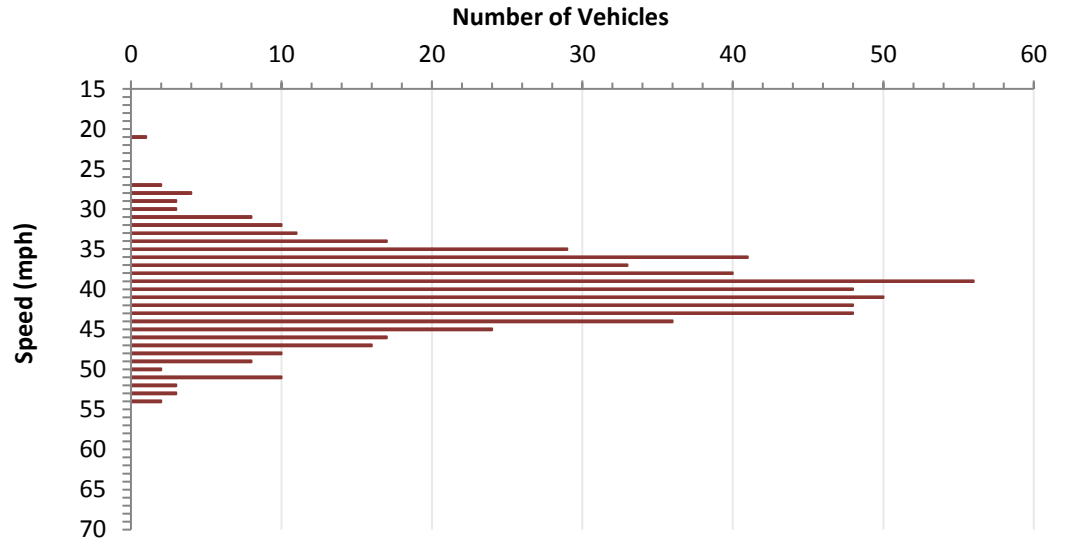
# RADAR SPEED SURVEY

## SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

|                   |                          |                   |                         |            |              |
|-------------------|--------------------------|-------------------|-------------------------|------------|--------------|
| <b>Road Name:</b> | Campo Road/Sweetwater Rd | <b>From:</b>      | 400' E/o S. Granada Ave | <b>To:</b> | Jamacha Blvd |
| <b>Position:</b>  | 200' S/o Cristobal Dr    | <b>Direction:</b> | NB/SB                   |            |              |

|                    |           |                        |       |                          |            |
|--------------------|-----------|------------------------|-------|--------------------------|------------|
| <b>Date:</b>       | 1/16/2018 | <b>Weather:</b>        | Clear | <b>Project Number:</b>   | 0          |
| <b>Time Start:</b> | 11:40 AM  | <b>Road Condition:</b> | Dry   | <b>Observer:</b>         | Contractor |
| <b>Time End:</b>   | 1:40 PM   | <b>Posted Speed:</b>   | 45    | <b>Calibration Test:</b> | 0          |

| Speed (mph)  | Num. Veh.  | Cum. Pct. |
|--------------|------------|-----------|
| 15           |            |           |
| 16           |            |           |
| 17           |            |           |
| 18           |            |           |
| 19           |            |           |
| 20           |            |           |
| 21           | 1          | 0.2%      |
| 22           |            |           |
| 23           |            |           |
| 24           |            |           |
| 25           |            |           |
| 26           |            |           |
| 27           | 2          | 0.5%      |
| 28           | 4          | 1.2%      |
| 29           | 3          | 1.7%      |
| 30           | 3          | 2.2%      |
| 31           | 8          | 3.6%      |
| 32           | 10         | 5.3%      |
| 33           | 11         | 7.2%      |
| 34           | 17         | 10.1%     |
| 35           | 29         | 15.1%     |
| 36           | 41         | 22.1%     |
| 37           | 33         | 27.8%     |
| 38           | 40         | 34.6%     |
| 39           | 56         | 44.3%     |
| 40           | 48         | 52.5%     |
| 41           | 50         | 61.1%     |
| 42           | 48         | 69.3%     |
| 43           | 48         | 77.5%     |
| 44           | 36         | 83.7%     |
| 45           | 24         | 87.8%     |
| 46           | 17         | 90.7%     |
| 47           | 16         | 93.5%     |
| 48           | 10         | 95.2%     |
| 49           | 8          | 96.6%     |
| 50           | 2          | 96.9%     |
| 51           | 10         | 98.6%     |
| 52           | 3          | 99.1%     |
| 53           | 3          | 99.7%     |
| 54           | 2          | 100.0%    |
| 55           |            |           |
| 56           |            |           |
| 57           |            |           |
| 58           |            |           |
| 59           |            |           |
| 60           |            |           |
| 61           |            |           |
| 62           |            |           |
| 63           |            |           |
| 64           |            |           |
| 65           |            |           |
| 66           |            |           |
| 67           |            |           |
| 68           |            |           |
| 69           |            |           |
| 70           |            |           |
| <b>Total</b> | <b>583</b> |           |



### DATA ANALYSIS

|                 |      |                 |         |
|-----------------|------|-----------------|---------|
| Average Speed   | 40.2 | Range           | 21 - 54 |
| 50th Percentile | 39.7 | 10 mph Pace     | 35 - 44 |
| 85th Percentile | 44.3 | Number in Pace  | 429     |
| 90th Percentile | 45.7 | Percent in Pace | 74%     |
| 95th Percentile | 47.9 |                 |         |





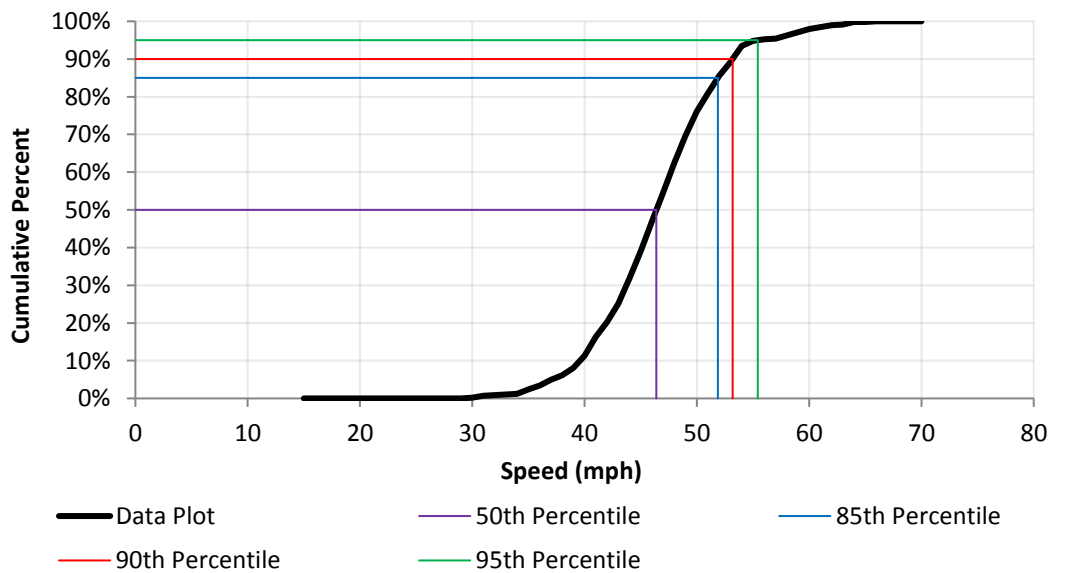
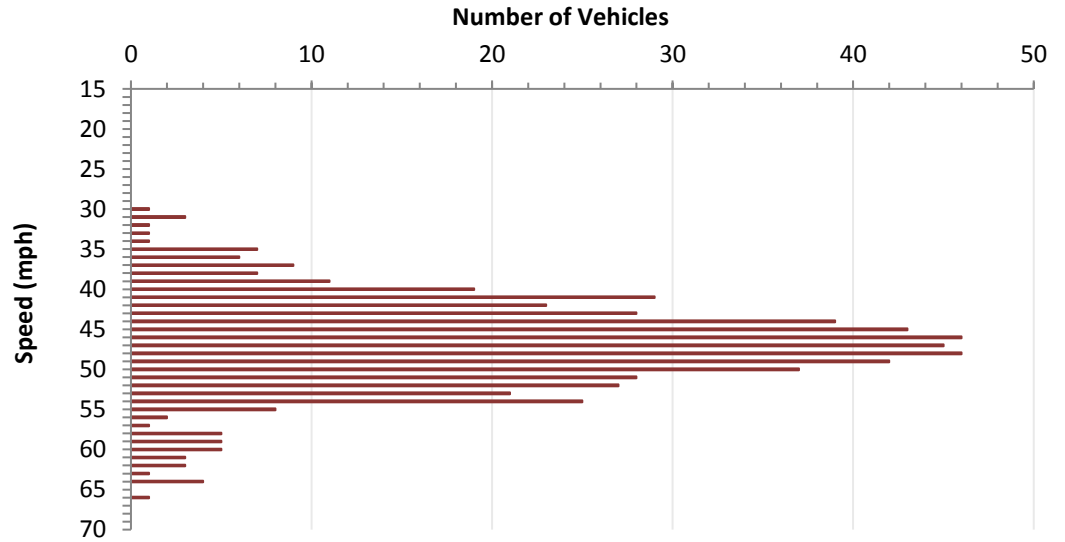
# RADAR SPEED SURVEY

## SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

|                   |                       |                   |                         |            |              |
|-------------------|-----------------------|-------------------|-------------------------|------------|--------------|
| <b>Road Name:</b> | Campo Road/Sweetwater | <b>From:</b>      | 400' E/o S. Granada Ave | <b>To:</b> | Jamacha Blvd |
| <b>Position:</b>  | 200' N/o Moorpark St  | <b>Direction:</b> | NB/SB                   |            |              |

|                    |           |                        |       |                          |            |
|--------------------|-----------|------------------------|-------|--------------------------|------------|
| <b>Date:</b>       | 1/16/2018 | <b>Weather:</b>        | Clear | <b>Project Number:</b>   | 0          |
| <b>Time Start:</b> | 9:25 AM   | <b>Road Condition:</b> | Dry   | <b>Observer:</b>         | Contractor |
| <b>Time End:</b>   | 11:25 AM  | <b>Posted Speed:</b>   | 45    | <b>Calibration Test:</b> | 0          |

| Speed (mph)  | Num. Veh.  | Cum. Pct. |
|--------------|------------|-----------|
| 15           |            |           |
| 16           |            |           |
| 17           |            |           |
| 18           |            |           |
| 19           |            |           |
| 20           |            |           |
| 21           |            |           |
| 22           |            |           |
| 23           |            |           |
| 24           |            |           |
| 25           |            |           |
| 26           |            |           |
| 27           |            |           |
| 28           |            |           |
| 29           |            |           |
| 30           | 1          | 0.2%      |
| 31           | 3          | 0.7%      |
| 32           | 1          | 0.9%      |
| 33           | 1          | 1.0%      |
| 34           | 1          | 1.2%      |
| 35           | 7          | 2.4%      |
| 36           | 6          | 3.4%      |
| 37           | 9          | 5.0%      |
| 38           | 7          | 6.2%      |
| 39           | 11         | 8.1%      |
| 40           | 19         | 11.3%     |
| 41           | 29         | 16.3%     |
| 42           | 23         | 20.2%     |
| 43           | 28         | 25.0%     |
| 44           | 39         | 31.7%     |
| 45           | 43         | 39.1%     |
| 46           | 46         | 47.0%     |
| 47           | 45         | 54.7%     |
| 48           | 46         | 62.6%     |
| 49           | 42         | 69.8%     |
| 50           | 37         | 76.2%     |
| 51           | 28         | 81.0%     |
| 52           | 27         | 85.6%     |
| 53           | 21         | 89.2%     |
| 54           | 25         | 93.5%     |
| 55           | 8          | 94.9%     |
| 56           | 2          | 95.2%     |
| 57           | 1          | 95.4%     |
| 58           | 5          | 96.2%     |
| 59           | 5          | 97.1%     |
| 60           | 5          | 97.9%     |
| 61           | 3          | 98.5%     |
| 62           | 3          | 99.0%     |
| 63           | 1          | 99.1%     |
| 64           | 4          | 99.8%     |
| 65           |            |           |
| 66           | 1          | 100.0%    |
| 67           |            |           |
| 68           |            |           |
| 69           |            |           |
| 70           |            |           |
| <b>Total</b> | <b>583</b> |           |



### DATA ANALYSIS

|                 |      |                 |         |
|-----------------|------|-----------------|---------|
| Average Speed   | 46.9 | Range           | 30 - 66 |
| 50th Percentile | 46.4 | 10 mph Pace     | 43 - 52 |
| 85th Percentile | 51.9 | Number in Pace  | 381     |
| 90th Percentile | 53.2 | Percent in Pace | 65%     |
| 95th Percentile | 55.4 |                 |         |

## SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

**COMMITTEE REPORT OF:** March 9, 2018

**Item 2-B**

**SUPERVISORIAL DISTRICT:** 2

**SUBJECT:** Radar Recertification

**LOCATION:** Avocado Boulevard from the El Cajon City Limit (near Dewitt Court) to Madrid Way (1.58 miles) VALLE DE ORO (Thos. Bros. 1271-G2)

**INITIATED BY:** DPW Traffic Engineering

**REQUEST:** Radar Recertification

**PROBLEM AS STATED BY REQUESTER:**

Avocado Boulevard, from the El Cajon City Limit (near Dewitt Court) to Madrid Way is posted 45 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

**Existing Traffic Devices**

Avocado Boulevard is a striped four-lane Through Highway that varies from 64 to 86 feet wide. There is a two-way left turn lane separating both directions of travel. There are bike lanes in place along a major segment of the roadway. The segment where bike lanes do not exist is signed as a Bike Route. The road is posted 45 MPH and is part of the CHP's radar enforcement program. The road is also posted 45 MPH in the City of El Cajon. This roadway is classified as a Major Road on the County General Plan Mobility Element Network.

| <b><u>Average Daily Traffic Volumes</u></b> | <b><u>4/16</u></b> | <b><u>9/09</u></b> |
|---------------------------------------------|--------------------|--------------------|
| Avocado Boulevard:                          |                    |                    |
| S/o Fuerte Drive                            | 27,070             | 24,300             |

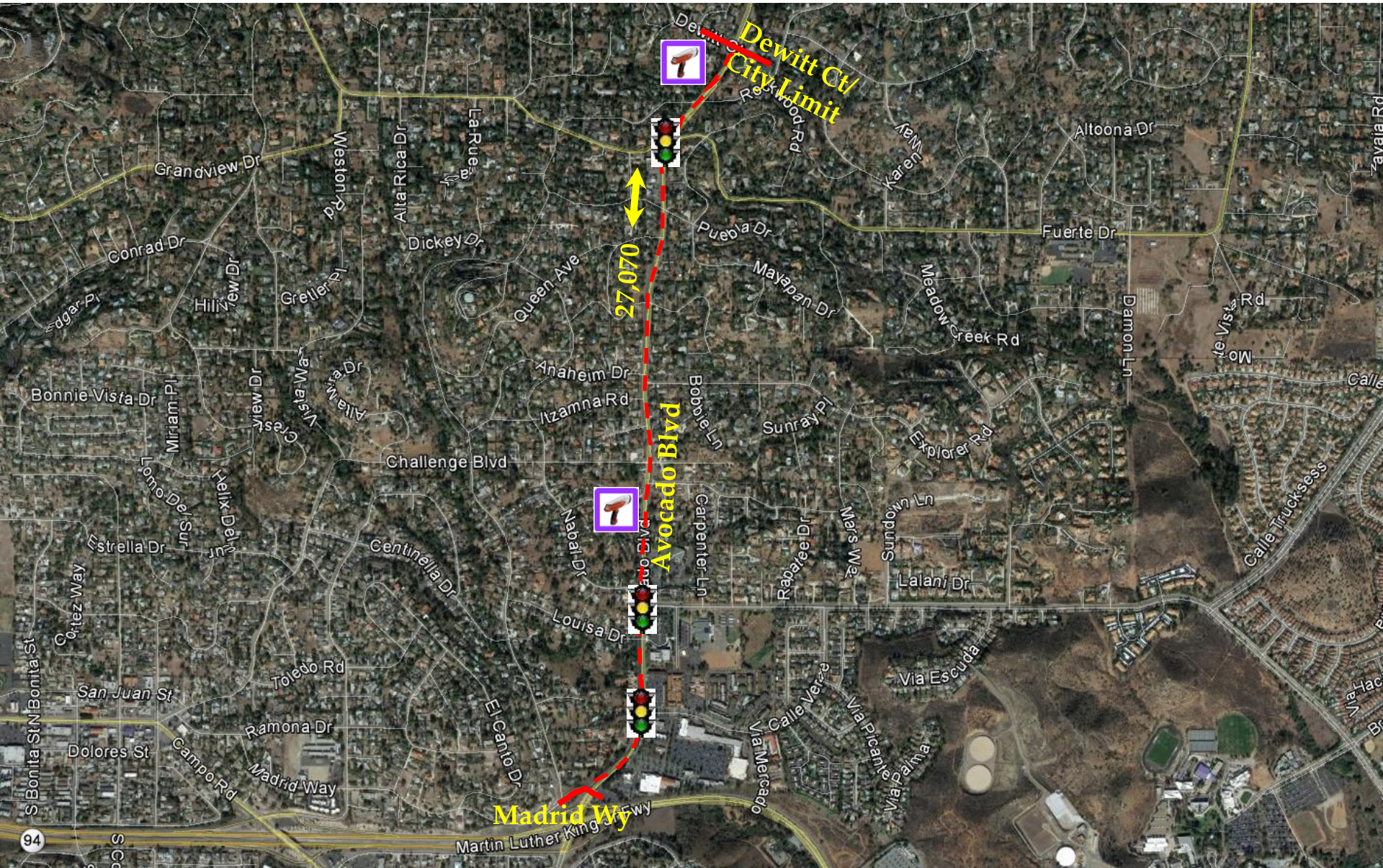
|                          |        | <b><u>85th<br/>Percentile</u></b> | <b><u>10 MPH<br/>Pace</u></b> | <b><u>% in<br/>Pace</u></b> |
|--------------------------|--------|-----------------------------------|-------------------------------|-----------------------------|
| <b><u>Speed Data</u></b> |        |                                   |                               |                             |
| Avocado Boulevard:       |        |                                   |                               |                             |
| 100' S/o Dewitt Ct       | (2018) | 51.6 MPH                          | 39-48                         | 58.0%                       |
|                          | (2009) | 48.2 MPH                          | 38-47                         | 75.3%                       |
| 280' S/o Morning Star Dr | (2018) | 52.4 MPH                          | 43-52                         | 77.0%                       |
|                          | (2009) | 48.9 MPH                          | 40-49                         | 72.3%                       |
| Speed Zone               | (2018) | 52.0 MPH                          | 41-50                         | 68.0%                       |

**Collision Data**

There have been 25 reported collisions along this segment of roadway, 8 of which involved injury, in a one year period (11-1-16 to 10-31-17). These collisions result in a segment accident rate of 1.61 collisions per million vehicle miles. The statewide average is 1.44 collisions per million vehicle miles for similar suburban divided 4-lane roads with speeds less than or equal 55 mile per hour.



**Avocado Blvd from El Cajon City Limit (near Dewitt Ct)  
to Madrid Way (1.58 miles)**





**VOLUME**

Avocado Blvd S/O Fuerte Dr

Day: Wednesday

Date: 4/27/2016

City: El Cajon

Project #: CA16\_4113\_002

| DAILY TOTALS |       |       |     |     | NB     | SB        |       |       |     |      | EB    | WB   | Total  |
|--------------|-------|-------|-----|-----|--------|-----------|-------|-------|-----|------|-------|------|--------|
|              |       |       |     |     | 12,772 | 14,302    |       |       |     |      | 0     | 0    | 27,074 |
| AM Period    | NB    | SB    | EB  | WB  | TOTAL  | PM Period | NB    | SB    | EB  | WB   | TOTAL |      |        |
| 00:00        | 15    | 31    |     |     | 46     | 12:00     | 192   | 215   |     |      | 407   |      |        |
| 00:15        | 22    | 19    |     |     | 41     | 12:15     | 172   | 186   |     |      | 358   |      |        |
| 00:30        | 18    | 16    |     |     | 34     | 12:30     | 185   | 180   |     |      | 365   |      |        |
| 00:45        | 15    | 70    | 12  | 78  | 27     | 12:45     | 189   | 738   | 219 | 800  | 408   | 1538 |        |
| 01:00        | 15    | 11    |     |     | 26     | 13:00     | 189   | 193   |     |      | 382   |      |        |
| 01:15        | 7     | 6     |     |     | 13     | 13:15     | 205   | 192   |     |      | 397   |      |        |
| 01:30        | 8     | 17    |     |     | 25     | 13:30     | 186   | 207   |     |      | 393   |      |        |
| 01:45        | 9     | 39    | 10  | 44  | 19     | 13:45     | 180   | 760   | 222 | 814  | 402   | 1574 |        |
| 02:00        | 11    | 6     |     |     | 17     | 14:00     | 213   | 233   |     |      | 446   |      |        |
| 02:15        | 11    | 15    |     |     | 26     | 14:15     | 244   | 245   |     |      | 489   |      |        |
| 02:30        | 13    | 9     |     |     | 22     | 14:30     | 217   | 248   |     |      | 465   |      |        |
| 02:45        | 9     | 44    | 6   | 36  | 15     | 14:45     | 213   | 887   | 261 | 987  | 474   | 1874 |        |
| 03:00        | 12    | 9     |     |     | 21     | 15:00     | 221   | 281   |     |      | 502   |      |        |
| 03:15        | 11    | 4     |     |     | 15     | 15:15     | 246   | 330   |     |      | 576   |      |        |
| 03:30        | 6     | 5     |     |     | 11     | 15:30     | 298   | 325   |     |      | 623   |      |        |
| 03:45        | 6     | 35    | 8   | 26  | 14     | 15:45     | 332   | 1097  | 363 | 1299 | 695   | 2396 |        |
| 04:00        | 8     | 5     |     |     | 13     | 16:00     | 281   | 373   |     |      | 654   |      |        |
| 04:15        | 8     | 8     |     |     | 16     | 16:15     | 249   | 337   |     |      | 586   |      |        |
| 04:30        | 9     | 12    |     |     | 21     | 16:30     | 248   | 343   |     |      | 591   |      |        |
| 04:45        | 10    | 35    | 13  | 38  | 23     | 16:45     | 285   | 1063  | 387 | 1440 | 672   | 2503 |        |
| 05:00        | 27    | 22    |     |     | 49     | 17:00     | 263   | 363   |     |      | 626   |      |        |
| 05:15        | 34    | 38    |     |     | 72     | 17:15     | 235   | 359   |     |      | 594   |      |        |
| 05:30        | 52    | 50    |     |     | 102    | 17:30     | 233   | 353   |     |      | 586   |      |        |
| 05:45        | 62    | 175   | 52  | 162 | 114    | 17:45     | 195   | 926   | 343 | 1418 | 538   | 2344 |        |
| 06:00        | 101   | 71    |     |     | 172    | 18:00     | 176   | 292   |     |      | 468   |      |        |
| 06:15        | 113   | 84    |     |     | 197    | 18:15     | 187   | 297   |     |      | 484   |      |        |
| 06:30        | 133   | 128   |     |     | 261    | 18:30     | 169   | 244   |     |      | 413   |      |        |
| 06:45        | 194   | 541   | 144 | 427 | 338    | 18:45     | 144   | 676   | 225 | 1058 | 369   | 1734 |        |
| 07:00        | 210   | 143   |     |     | 353    | 19:00     | 125   | 175   |     |      | 300   |      |        |
| 07:15        | 245   | 175   |     |     | 420    | 19:15     | 124   | 163   |     |      | 287   |      |        |
| 07:30        | 315   | 227   |     |     | 542    | 19:30     | 119   | 166   |     |      | 285   |      |        |
| 07:45        | 345   | 1115  | 298 | 843 | 643    | 19:45     | 109   | 477   | 155 | 659  | 264   | 1136 |        |
| 08:00        | 277   | 238   |     |     | 515    | 20:00     | 116   | 140   |     |      | 256   |      |        |
| 08:15        | 224   | 210   |     |     | 434    | 20:15     | 125   | 137   |     |      | 262   |      |        |
| 08:30        | 231   | 208   |     |     | 439    | 20:30     | 104   | 111   |     |      | 215   |      |        |
| 08:45        | 240   | 972   | 213 | 869 | 453    | 20:45     | 87    | 432   | 124 | 512  | 211   | 944  |        |
| 09:00        | 218   | 191   |     |     | 409    | 21:00     | 95    | 110   |     |      | 205   |      |        |
| 09:15        | 190   | 172   |     |     | 362    | 21:15     | 71    | 117   |     |      | 188   |      |        |
| 09:30        | 167   | 191   |     |     | 358    | 21:30     | 74    | 86    |     |      | 160   |      |        |
| 09:45        | 151   | 726   | 166 | 720 | 317    | 21:45     | 71    | 311   | 70  | 383  | 141   | 694  |        |
| 10:00        | 158   | 161   |     |     | 319    | 22:00     | 61    | 72    |     |      | 133   |      |        |
| 10:15        | 148   | 165   |     |     | 313    | 22:15     | 51    | 56    |     |      | 107   |      |        |
| 10:30        | 177   | 154   |     |     | 331    | 22:30     | 39    | 48    |     |      | 87    |      |        |
| 10:45        | 181   | 664   | 182 | 662 | 363    | 22:45     | 29    | 180   | 32  | 208  | 61    | 388  |        |
| 11:00        | 179   | 177   |     |     | 356    | 23:00     | 29    | 32    |     |      | 61    |      |        |
| 11:15        | 168   | 171   |     |     | 339    | 23:15     | 33    | 27    |     |      | 60    |      |        |
| 11:30        | 167   | 171   |     |     | 338    | 23:30     | 38    | 23    |     |      | 61    |      |        |
| 11:45        | 178   | 692   | 195 | 714 | 373    | 23:45     | 17    | 117   | 23  | 105  | 40    | 222  |        |
| TOTALS       | 5108  | 4619  |     |     | 9727   | TOTALS    | 7664  | 9683  |     |      | 17347 |      |        |
| SPLIT %      | 52.5% | 47.5% |     |     | 35.9%  | SPLIT %   | 44.2% | 55.8% |     |      | 64.1% |      |        |

| DAILY TOTALS    |       |       |       |       | NB              | SB     | EBWB  |       |       |       |  | Total |
|-----------------|-------|-------|-------|-------|-----------------|--------|-------|-------|-------|-------|--|-------|
|                 |       |       |       |       | 12,772          | 14,302 |       |       |       |       |  | 0     |
| AM Peak Hour    | 07:15 | 07:30 |       | 07:30 | PM Peak Hour    | 15:30  | 16:45 |       | 15:30 |       |  |       |
| AM Pk Volume    | 1182  | 973   |       | 2134  | PM Pk Volume    | 1160   | 1462  |       | 2558  |       |  |       |
| Pk Hr Factor    | 0.857 | 0.816 |       | 0.830 | Pk Hr Factor    | 0.873  | 0.944 |       | 0.920 |       |  |       |
| 7 - 9 Volume    | 2087  | 1712  | 0     | 0     | 4 - 6 Volume    | 1989   | 2858  | 0     | 0     | 4847  |  |       |
| 7 - 9 Peak Hour | 07:15 | 07:30 |       | 07:30 | 4 - 6 Peak Hour | 16:00  | 16:45 |       | 16:00 |       |  |       |
| 7 - 9 Pk Volume | 1182  | 973   | 0     | 0     | 4 - 6 Pk Volume | 1063   | 1462  | 0     | 0     | 2503  |  |       |
| Pk Hr Factor    | 0.857 | 0.816 | 0.000 | 0.000 | Pk Hr Factor    | 0.932  | 0.944 | 0.000 | 0.000 | 0.931 |  |       |



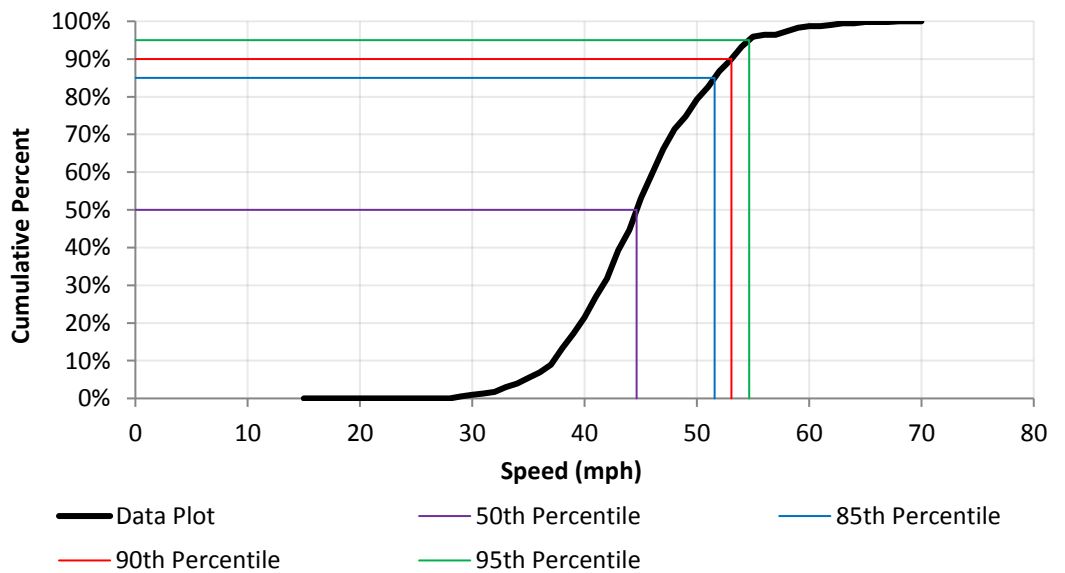
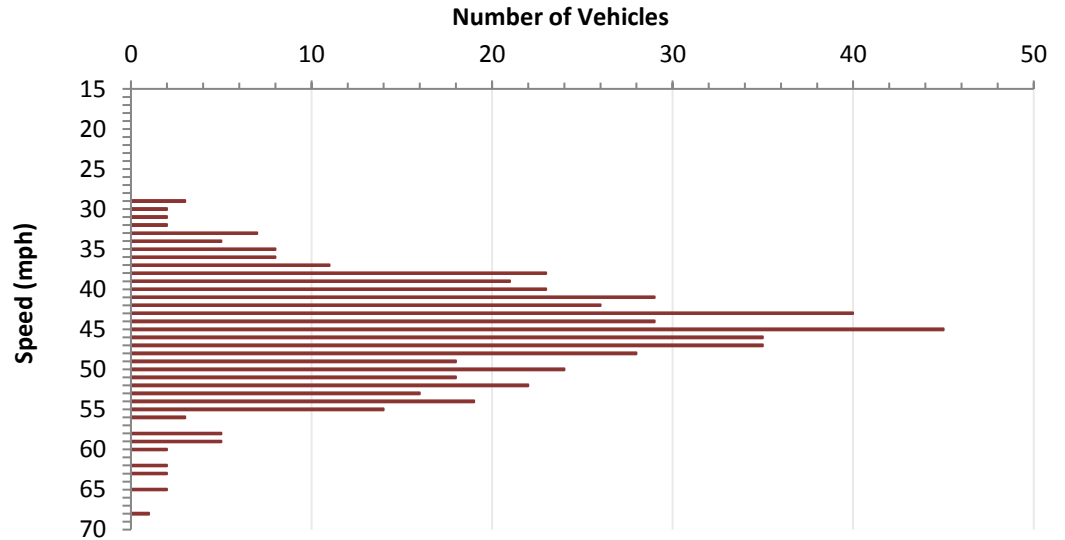
# RADAR SPEED SURVEY

## SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

|                   |                    |                   |                     |            |            |
|-------------------|--------------------|-------------------|---------------------|------------|------------|
| <b>Road Name:</b> | Avocado Blvd       | <b>From:</b>      | El Cajon City Limit | <b>To:</b> | Madrid Way |
| <b>Position:</b>  | 100' S/o Dewitt Ct | <b>Direction:</b> | SB/NB               |            |            |

|                    |           |                        |        |                          |            |
|--------------------|-----------|------------------------|--------|--------------------------|------------|
| <b>Date:</b>       | 1/17/2018 | <b>Weather:</b>        | Clear  | <b>Project Number:</b>   | 0          |
| <b>Time Start:</b> | 9:05 AM   | <b>Road Condition:</b> | Dry    | <b>Observer:</b>         | Contractor |
| <b>Time End:</b>   | 11:05 AM  | <b>Posted Speed:</b>   | 45 mph | <b>Calibration Test:</b> | 0          |

| Speed (mph)  | Num. Veh.  | Cum. Pct. |
|--------------|------------|-----------|
| 15           |            |           |
| 16           |            |           |
| 17           |            |           |
| 18           |            |           |
| 19           |            |           |
| 20           |            |           |
| 21           |            |           |
| 22           |            |           |
| 23           |            |           |
| 24           |            |           |
| 25           |            |           |
| 26           |            |           |
| 27           |            |           |
| 28           |            |           |
| 29           | 3          | 0.6%      |
| 30           | 2          | 0.9%      |
| 31           | 2          | 1.3%      |
| 32           | 2          | 1.7%      |
| 33           | 7          | 3.0%      |
| 34           | 5          | 3.9%      |
| 35           | 8          | 5.4%      |
| 36           | 8          | 6.9%      |
| 37           | 11         | 9.0%      |
| 38           | 23         | 13.3%     |
| 39           | 21         | 17.2%     |
| 40           | 23         | 21.5%     |
| 41           | 29         | 26.9%     |
| 42           | 26         | 31.8%     |
| 43           | 40         | 39.3%     |
| 44           | 29         | 44.7%     |
| 45           | 45         | 53.1%     |
| 46           | 35         | 59.6%     |
| 47           | 35         | 66.2%     |
| 48           | 28         | 71.4%     |
| 49           | 18         | 74.8%     |
| 50           | 24         | 79.3%     |
| 51           | 18         | 82.6%     |
| 52           | 22         | 86.7%     |
| 53           | 16         | 89.7%     |
| 54           | 19         | 93.3%     |
| 55           | 14         | 95.9%     |
| 56           | 3          | 96.4%     |
| 57           |            |           |
| 58           | 5          | 97.4%     |
| 59           | 5          | 98.3%     |
| 60           | 2          | 98.7%     |
| 61           |            |           |
| 62           | 2          | 99.1%     |
| 63           | 2          | 99.4%     |
| 64           |            |           |
| 65           | 2          | 99.8%     |
| 66           |            |           |
| 67           |            |           |
| 68           | 1          | 100.0%    |
| 69           |            |           |
| 70           |            |           |
| <b>Total</b> | <b>535</b> |           |



### DATA ANALYSIS

|                 |      |                 |         |
|-----------------|------|-----------------|---------|
| Average Speed   | 45.4 | Range           | 29 - 68 |
| 50th Percentile | 44.6 | 10 mph Pace     | 39 - 48 |
| 85th Percentile | 51.6 | Number in Pace  | 311     |
| 90th Percentile | 53.1 | Percent in Pace | 58%     |
| 95th Percentile | 54.7 |                 |         |



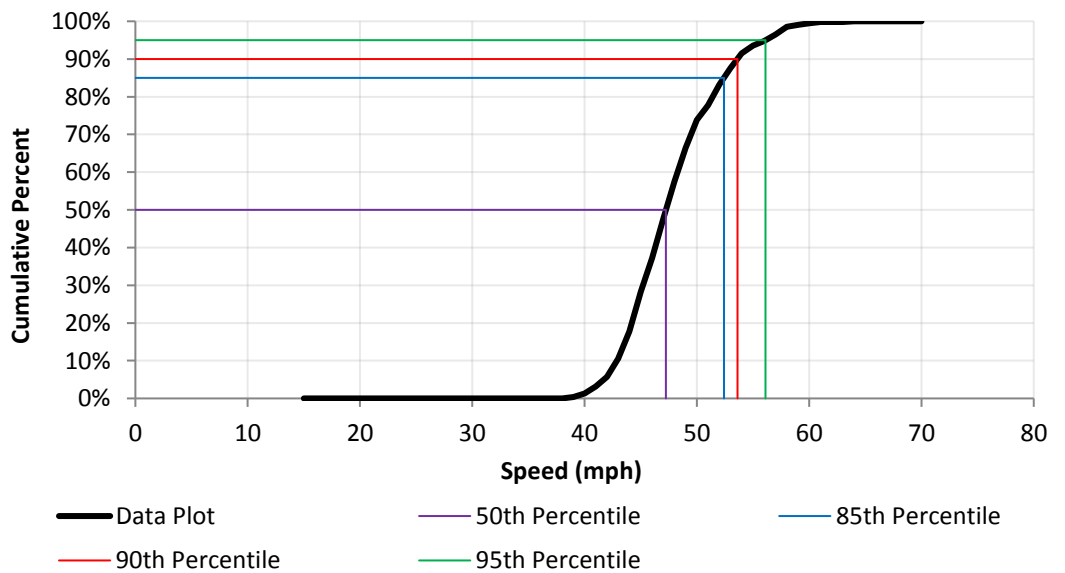
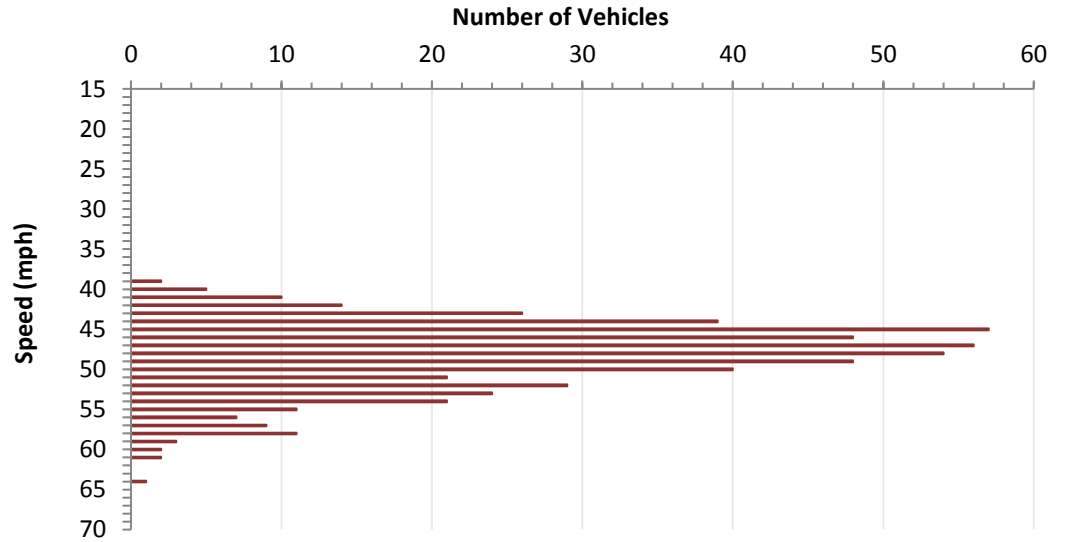
# RADAR SPEED SURVEY

## SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

|                   |                          |                   |                     |            |            |
|-------------------|--------------------------|-------------------|---------------------|------------|------------|
| <b>Road Name:</b> | Avocado Blvd             | <b>From:</b>      | El Cajon City Limit | <b>To:</b> | Madrid Way |
| <b>Position:</b>  | 280' S/o Morning Star Dr | <b>Direction:</b> | SB/NB               |            |            |

|                    |           |                        |        |                          |            |
|--------------------|-----------|------------------------|--------|--------------------------|------------|
| <b>Date:</b>       | 1/17/2018 | <b>Weather:</b>        | Clear  | <b>Project Number:</b>   | 0          |
| <b>Time Start:</b> | 9:30 AM   | <b>Road Condition:</b> | Dry    | <b>Observer:</b>         | Contractor |
| <b>Time End:</b>   | 11:30 AM  | <b>Posted Speed:</b>   | 45 mph | <b>Calibration Test:</b> | 0          |

| Speed (mph) | Num. Veh. | Cum. Pct. |
|-------------|-----------|-----------|
| 15          |           |           |
| 16          |           |           |
| 17          |           |           |
| 18          |           |           |
| 19          |           |           |
| 20          |           |           |
| 21          |           |           |
| 22          |           |           |
| 23          |           |           |
| 24          |           |           |
| 25          |           |           |
| 26          |           |           |
| 27          |           |           |
| 28          |           |           |
| 29          |           |           |
| 30          |           |           |
| 31          |           |           |
| 32          |           |           |
| 33          |           |           |
| 34          |           |           |
| 35          |           |           |
| 36          |           |           |
| 37          |           |           |
| 38          |           |           |
| 39          | 2         | 0.4%      |
| 40          | 5         | 1.3%      |
| 41          | 10        | 3.1%      |
| 42          | 14        | 5.7%      |
| 43          | 26        | 10.6%     |
| 44          | 39        | 17.8%     |
| 45          | 57        | 28.3%     |
| 46          | 48        | 37.2%     |
| 47          | 56        | 47.6%     |
| 48          | 54        | 57.6%     |
| 49          | 48        | 66.5%     |
| 50          | 40        | 73.9%     |
| 51          | 21        | 77.8%     |
| 52          | 29        | 83.1%     |
| 53          | 24        | 87.6%     |
| 54          | 21        | 91.5%     |
| 55          | 11        | 93.5%     |
| 56          | 7         | 94.8%     |
| 57          | 9         | 96.5%     |
| 58          | 11        | 98.5%     |
| 59          | 3         | 99.1%     |
| 60          | 2         | 99.4%     |
| 61          | 2         | 99.8%     |
| 62          |           |           |
| 63          |           |           |
| 64          | 1         | 100.0%    |
| 65          |           |           |
| 66          |           |           |
| 67          |           |           |
| 68          |           |           |
| 69          |           |           |
| 70          |           |           |
| Total       | 540       |           |



### DATA ANALYSIS

|                 |      |                 |         |
|-----------------|------|-----------------|---------|
| Average Speed   | 48.3 | Range           | 39 - 64 |
| 50th Percentile | 47.2 | 10 mph Pace     | 43 - 52 |
| 85th Percentile | 52.4 | Number in Pace  | 418     |
| 90th Percentile | 53.6 | Percent in Pace | 77%     |
| 95th Percentile | 56.1 |                 |         |

## SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: March 9, 2018

Item **2-C**

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Recertification

LOCATION: Rolling Hills Drive from Horizon Hills Drive to Fuerte Drive (0.68 miles) VALLE DE ORO (Thos. Bros. 1271-H1)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

### PROBLEM AS STATED BY REQUESTER:

Rolling Hills Drive from Horizon Hills Drive to Fuerte Drive is posted 35 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

### Existing Traffic Devices

Rolling Hills Drive is a striped two-lane roadway that varies from 34 feet to 40 feet in width. There is edge-striping on both sides of the roadway. The road is unclassified on the County General Plan Mobility Element Network. The road is posted 35 MPH/Radar Certified.

| <u>Average Daily Traffic Volumes</u>                 | <u>02/18</u> | <u>02/11</u> |
|------------------------------------------------------|--------------|--------------|
| Rolling Hills Drive:                                 |              |              |
| Between Sunrise Valley Drive and Sunrise Hills Drive | 1,660*       | 1,370*       |

\* Estimate

| <u>Speed Data</u>          |        | <u>85th Percentile</u> | <u>10 MPH Pace</u> | <u>% in Pace</u> |
|----------------------------|--------|------------------------|--------------------|------------------|
| Rolling Hills Drive:       |        |                        |                    |                  |
| at Sunrise Hills Dr        | (2018) | 34.0 MPH               | 26-35              | 64.0%            |
| 200' E/o Sunrise Valley Dr | (2011) | 34.1 MPH               | 26-35              | 77.3%            |

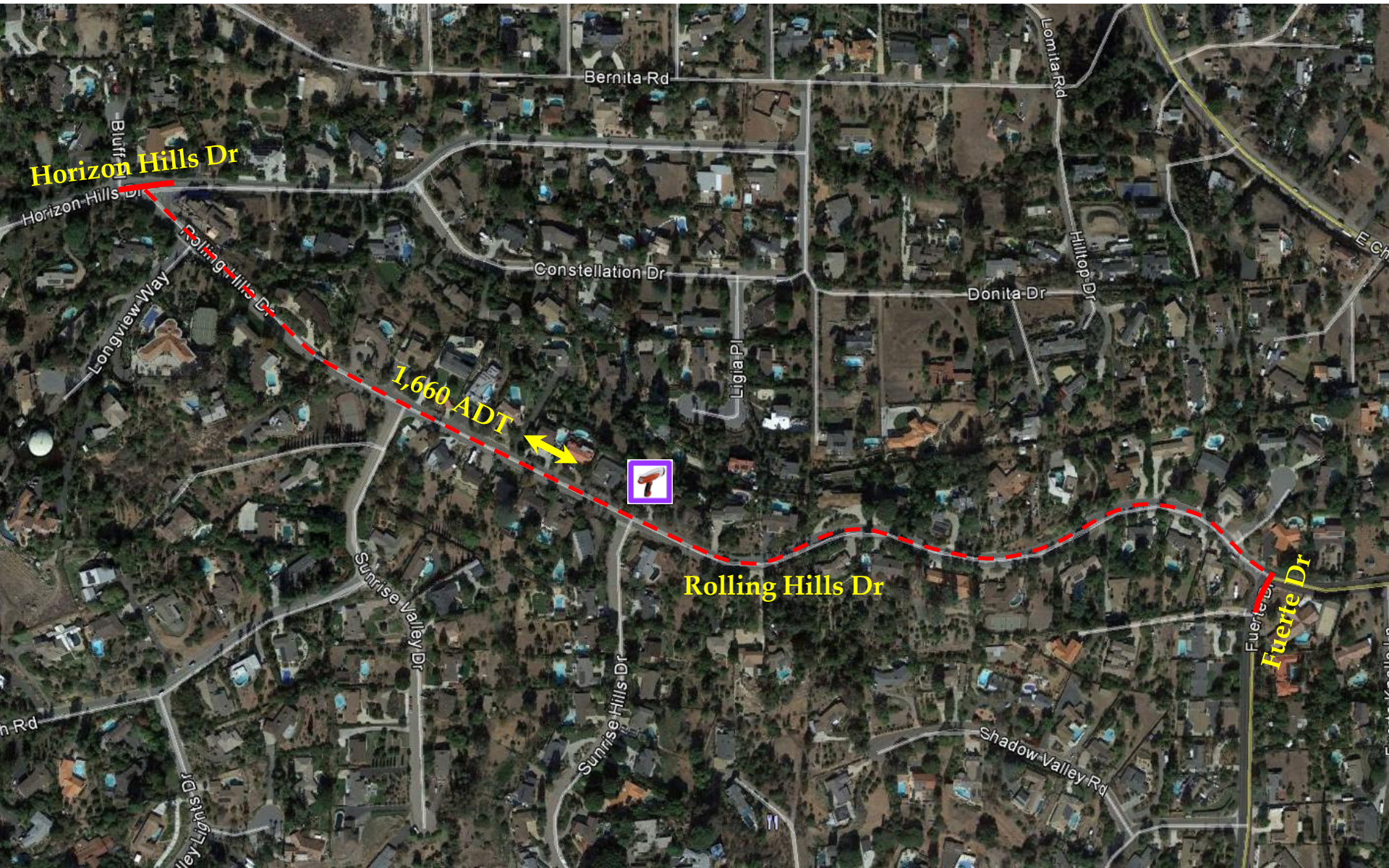
### Collision Data

There have been 2 reported collisions along this segment of roadway, 1 of which involved injury, in a five year period (11-1-12 to 10-31-17). These collisions result in a segment accident rate of 0.97 collisions per million vehicle miles. The statewide average is 2.39 collisions per million vehicle miles for similar suburban 2-lane roads with speeds less than 45 mile per hour



# 2-C. Radar Recertification

## Rolling Hills Drive from Horizon Hill Drive to Fuerte Drive (0.68 miles)







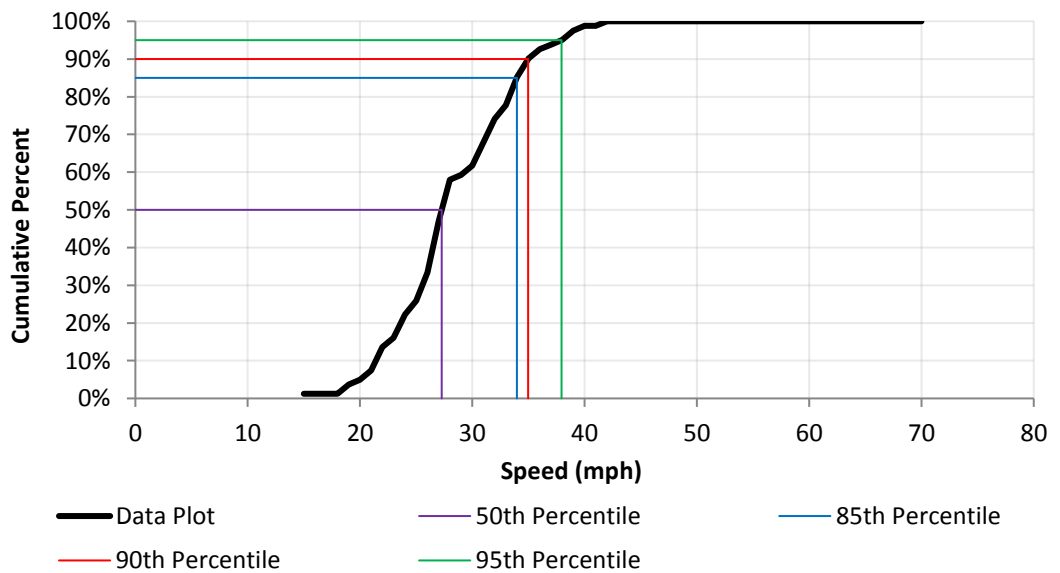
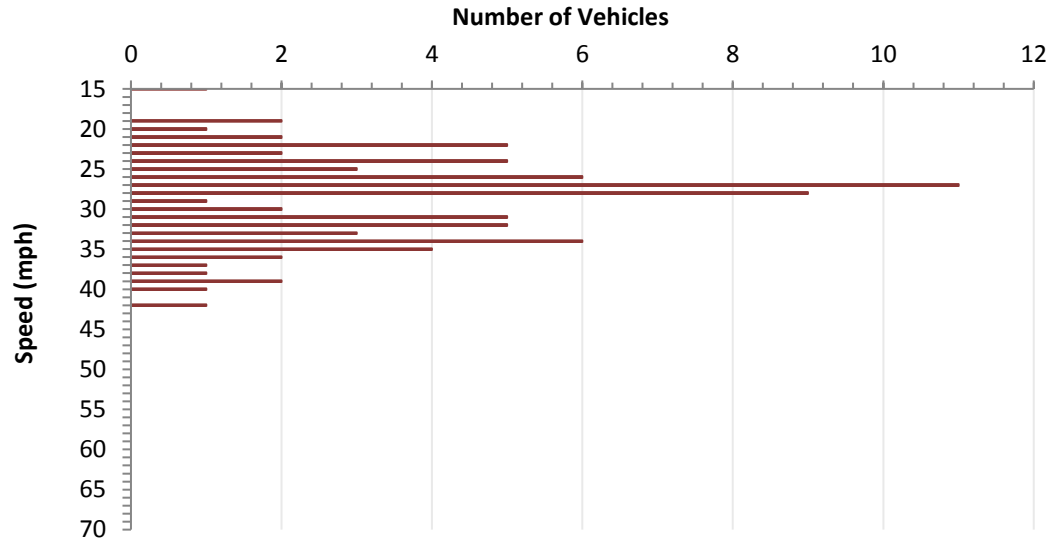
# RADAR SPEED SURVEY

## SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

|                   |                  |                   |                  |            |           |
|-------------------|------------------|-------------------|------------------|------------|-----------|
| <b>Road Name:</b> | Rolling Hills Dr | <b>From:</b>      | Horizon Hills Dr | <b>To:</b> | Fuerte Dr |
| <b>Position:</b>  | Sunrise Hills Dr | <b>Direction:</b> | EB/WB            |            |           |

|                    |           |                        |        |                          |          |
|--------------------|-----------|------------------------|--------|--------------------------|----------|
| <b>Date:</b>       | 2/15/2018 | <b>Weather:</b>        | Clear  | <b>Project Number:</b>   | 0        |
| <b>Time Start:</b> | 10:30 AM  | <b>Road Condition:</b> | Dry    | <b>Observer:</b>         | Susan H. |
| <b>Time End:</b>   | 1:10 PM   | <b>Posted Speed:</b>   | 35 MPH | <b>Calibration Test:</b> | N        |

| Speed (mph)  | Num. Veh. | Cum. Pct. |
|--------------|-----------|-----------|
| 15           | 1         | 1.2%      |
| 16           |           |           |
| 17           |           |           |
| 18           |           |           |
| 19           | 2         | 3.7%      |
| 20           | 1         | 4.9%      |
| 21           | 2         | 7.4%      |
| 22           | 5         | 13.6%     |
| 23           | 2         | 16.0%     |
| 24           | 5         | 22.2%     |
| 25           | 3         | 25.9%     |
| 26           | 6         | 33.3%     |
| 27           | 11        | 46.9%     |
| 28           | 9         | 58.0%     |
| 29           | 1         | 59.3%     |
| 30           | 2         | 61.7%     |
| 31           | 5         | 67.9%     |
| 32           | 5         | 74.1%     |
| 33           | 3         | 77.8%     |
| 34           | 6         | 85.2%     |
| 35           | 4         | 90.1%     |
| 36           | 2         | 92.6%     |
| 37           | 1         | 93.8%     |
| 38           | 1         | 95.1%     |
| 39           | 2         | 97.5%     |
| 40           | 1         | 98.8%     |
| 41           |           |           |
| 42           | 1         | 100.0%    |
| 43           |           |           |
| 44           |           |           |
| 45           |           |           |
| 46           |           |           |
| 47           |           |           |
| 48           |           |           |
| 49           |           |           |
| 50           |           |           |
| 51           |           |           |
| 52           |           |           |
| 53           |           |           |
| 54           |           |           |
| 55           |           |           |
| 56           |           |           |
| 57           |           |           |
| 58           |           |           |
| 59           |           |           |
| 60           |           |           |
| 61           |           |           |
| 62           |           |           |
| 63           |           |           |
| 64           |           |           |
| 65           |           |           |
| 66           |           |           |
| 67           |           |           |
| 68           |           |           |
| 69           |           |           |
| 70           |           |           |
| <b>Total</b> | <b>81</b> |           |



### DATA ANALYSIS

|                 |      |                 |         |
|-----------------|------|-----------------|---------|
| Average Speed   | 28.7 | Range           | 15 - 42 |
| 50th Percentile | 27.3 | 10 mph Pace     | 26 - 35 |
| 85th Percentile | 34.0 | Number in Pace  | 52      |
| 90th Percentile | 35.0 | Percent in Pace | 64%     |
| 95th Percentile | 38.0 |                 |         |

## SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: March 9, 2018

Item **2-D**

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Recertification

LOCATION: Maplevue Street/Lake Jennings Park Road from 1,570 feet east of Ashwood Street to Julian Avenue (0.79 miles) LAKESIDE (Thos. Bros. 1232-B3)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

### PROBLEM AS STATED BY REQUESTER:

Maplevue Street/Lake Jennings Park Road from 1,570 feet east of Ashwood Street to Julian Avenue is posted 50 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

### Existing Traffic Devices

Maplevue Street/Lake Jennings Park Road is a striped four-lane Through Highway that varies from 54 feet to 92 feet in width. There are bike lanes on each side of the roadway. The road is classified as a Major Road on the County General Plan Mobility Element Network. The road is posted 50 MPH/Radar Enforced.

| <u>Average Daily Traffic Volumes</u> | <u>2/18</u> | <u>2/07</u> |
|--------------------------------------|-------------|-------------|
| Lake Jennings Park Road:             |             |             |
| at Winchester Way                    | 17,500*     | 15,330      |
| *Estimated                           |             |             |

| <u>Speed Data</u>        |        | <u>85th<br/>Percentile</u> | <u>10 MPH<br/>Pace</u> | <u>% in<br/>Pace</u> |
|--------------------------|--------|----------------------------|------------------------|----------------------|
| Maplevue Street:         |        |                            |                        |                      |
| 400' E/o Duncan Drive    | (2017) | 51.1 MPH                   | 44-53                  | 92.0%                |
|                          | (2010) | 52.2 MPH                   | 42-51                  | 64.2%                |
| Lake Jennings Park Road: |        |                            |                        |                      |
| at Winchester Way        | (2017) | 53.3 MPH                   | 45-54                  | 83.0%                |
|                          | (2010) | 52.0 MPH                   | 44-53                  | 70.0%                |
| Speed Zone               | (2017) | 52.2 MPH                   | 44-53                  | 87.5%                |

**Collision Data**

There have been 18 reported collisions along this segment of roadway, 9 of which involved injury, in a five period (11-1-12 to 10-31-17). These collisions result in a segment accident rate of 0.71 collisions per million vehicle miles. The statewide average is 1.44 collisions per million vehicle miles for similar suburban divided 4-lane roads with speeds less than or equal 55 mile per hour.



# 2-D. Radar Recertification

## Mapleview St/Lake Jennings Park Rd from 1,570' E/o Ashwood St to Julian Ave (0.79 miles)







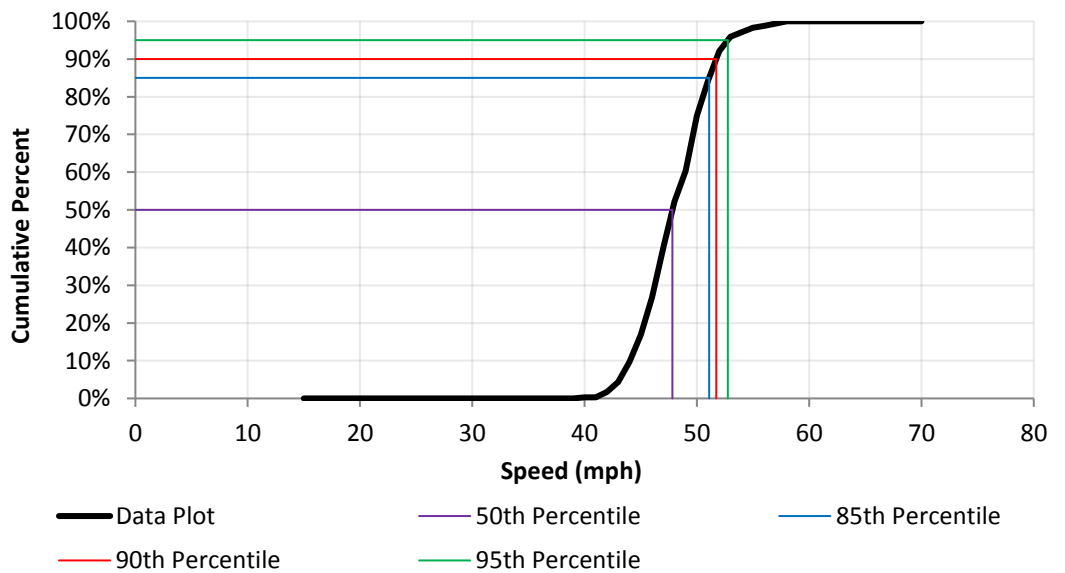
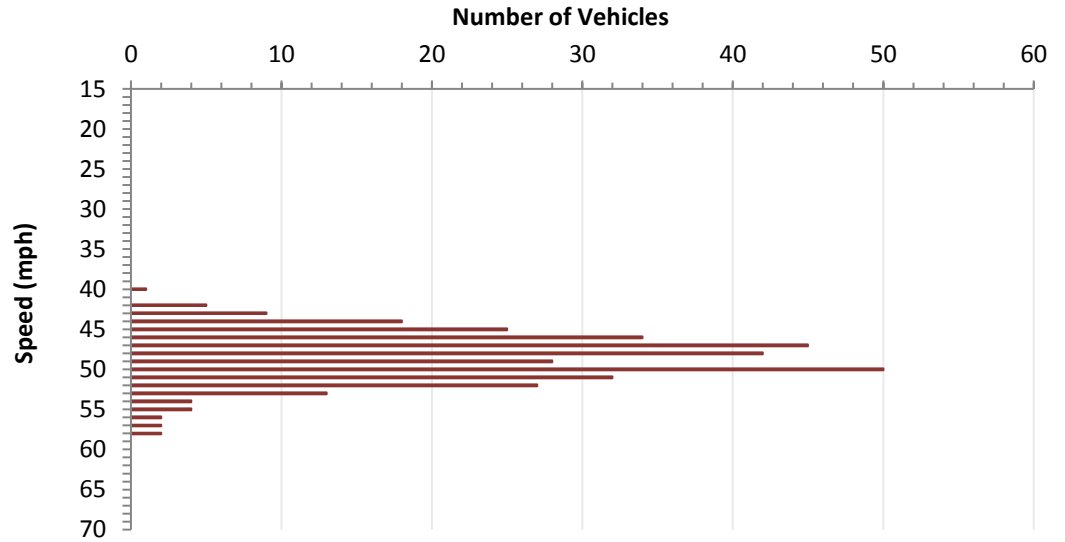
# RADAR SPEED SURVEY

## SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

|                   |                    |                   |                      |            |            |
|-------------------|--------------------|-------------------|----------------------|------------|------------|
| <b>Road Name:</b> | Mapleview St       | <b>From:</b>      | 1570' E/o Ashwood St | <b>To:</b> | Julian Ave |
| <b>Position:</b>  | 400' E/o Duncan Dr | <b>Direction:</b> | EB/WB                |            |            |

|                    |           |                        |        |                          |            |
|--------------------|-----------|------------------------|--------|--------------------------|------------|
| <b>Date:</b>       | 5/24/2017 | <b>Weather:</b>        | Clear  | <b>Project Number:</b>   | 0          |
| <b>Time Start:</b> | 11:15 AM  | <b>Road Condition:</b> | Dry    | <b>Observer:</b>         | Contractor |
| <b>Time End:</b>   | 1:15 PM   | <b>Posted Speed:</b>   | 50 MPH | <b>Calibration Test:</b> | 0          |

| Speed (mph)  | Num. Veh.  | Cum. Pct. |
|--------------|------------|-----------|
| 15           |            |           |
| 16           |            |           |
| 17           |            |           |
| 18           |            |           |
| 19           |            |           |
| 20           |            |           |
| 21           |            |           |
| 22           |            |           |
| 23           |            |           |
| 24           |            |           |
| 25           |            |           |
| 26           |            |           |
| 27           |            |           |
| 28           |            |           |
| 29           |            |           |
| 30           |            |           |
| 31           |            |           |
| 32           |            |           |
| 33           |            |           |
| 34           |            |           |
| 35           |            |           |
| 36           |            |           |
| 37           |            |           |
| 38           |            |           |
| 39           |            |           |
| 40           | 1          | 0.3%      |
| 41           |            |           |
| 42           | 5          | 1.7%      |
| 43           | 9          | 4.4%      |
| 44           | 18         | 9.6%      |
| 45           | 25         | 16.9%     |
| 46           | 34         | 26.8%     |
| 47           | 45         | 39.9%     |
| 48           | 42         | 52.2%     |
| 49           | 28         | 60.3%     |
| 50           | 50         | 74.9%     |
| 51           | 32         | 84.3%     |
| 52           | 27         | 92.1%     |
| 53           | 13         | 95.9%     |
| 54           | 4          | 97.1%     |
| 55           | 4          | 98.3%     |
| 56           | 2          | 98.8%     |
| 57           | 2          | 99.4%     |
| 58           | 2          | 100.0%    |
| 59           |            |           |
| 60           |            |           |
| 61           |            |           |
| 62           |            |           |
| 63           |            |           |
| 64           |            |           |
| 65           |            |           |
| 66           |            |           |
| 67           |            |           |
| 68           |            |           |
| 69           |            |           |
| 70           |            |           |
| <b>Total</b> | <b>343</b> |           |



### DATA ANALYSIS

|                 |      |                 |         |
|-----------------|------|-----------------|---------|
| Average Speed   | 48.5 | Range           | 40 - 58 |
| 50th Percentile | 47.8 | 10 mph Pace     | 44 - 53 |
| 85th Percentile | 51.1 | Number in Pace  | 314     |
| 90th Percentile | 51.7 | Percent in Pace | 92%     |
| 95th Percentile | 52.8 |                 |         |



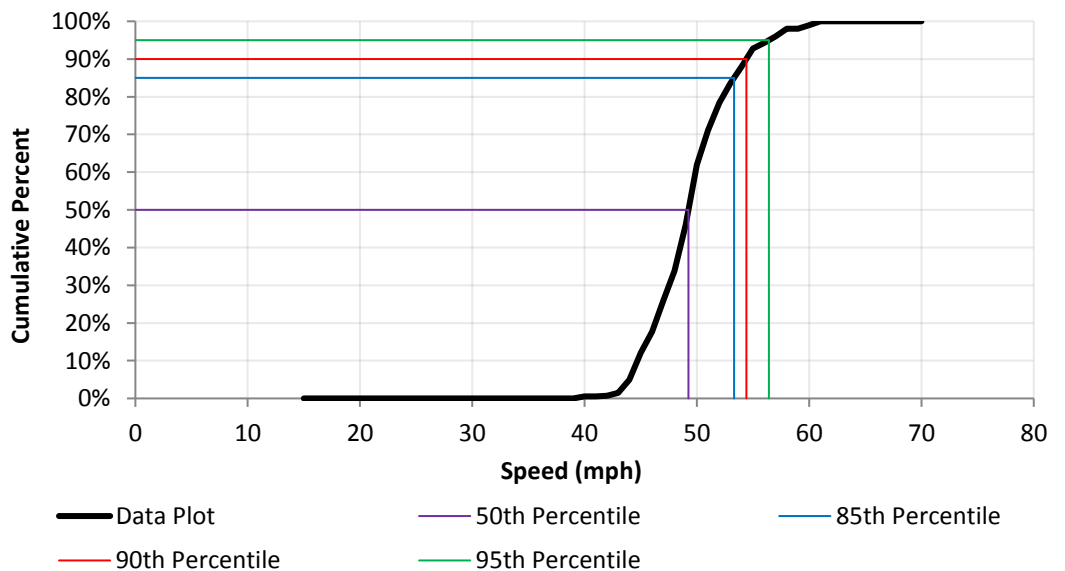
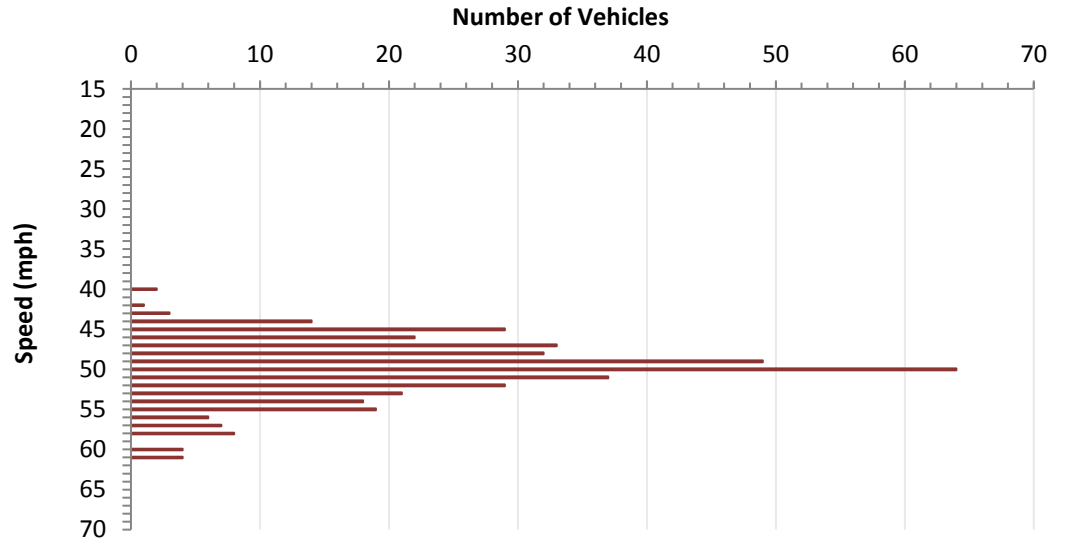
# RADAR SPEED SURVEY

## SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

|                   |                       |                   |                      |            |            |
|-------------------|-----------------------|-------------------|----------------------|------------|------------|
| <b>Road Name:</b> | Lake Jennings Park Rd | <b>From:</b>      | 1570' E/o Ashwood St | <b>To:</b> | Julian Ave |
| <b>Position:</b>  | at Winchester Way     | <b>Direction:</b> | EB/WB                |            |            |

|                    |           |                        |        |                          |            |
|--------------------|-----------|------------------------|--------|--------------------------|------------|
| <b>Date:</b>       | 5/24/2017 | <b>Weather:</b>        | Clear  | <b>Project Number:</b>   | 0          |
| <b>Time Start:</b> | 1:15 PM   | <b>Road Condition:</b> | Dry    | <b>Observer:</b>         | Contractor |
| <b>Time End:</b>   | 3:15 PM   | <b>Posted Speed:</b>   | 50 MPH | <b>Calibration Test:</b> | 0          |

| Speed (mph) | Num. Veh. | Cum. Pct. |
|-------------|-----------|-----------|
| 15          |           |           |
| 16          |           |           |
| 17          |           |           |
| 18          |           |           |
| 19          |           |           |
| 20          |           |           |
| 21          |           |           |
| 22          |           |           |
| 23          |           |           |
| 24          |           |           |
| 25          |           |           |
| 26          |           |           |
| 27          |           |           |
| 28          |           |           |
| 29          |           |           |
| 30          |           |           |
| 31          |           |           |
| 32          |           |           |
| 33          |           |           |
| 34          |           |           |
| 35          |           |           |
| 36          |           |           |
| 37          |           |           |
| 38          |           |           |
| 39          |           |           |
| 40          | 2         | 0.5%      |
| 41          |           |           |
| 42          | 1         | 0.7%      |
| 43          | 3         | 1.5%      |
| 44          | 14        | 5.0%      |
| 45          | 29        | 12.2%     |
| 46          | 22        | 17.7%     |
| 47          | 33        | 25.9%     |
| 48          | 32        | 33.8%     |
| 49          | 49        | 46.0%     |
| 50          | 64        | 61.9%     |
| 51          | 37        | 71.1%     |
| 52          | 29        | 78.4%     |
| 53          | 21        | 83.6%     |
| 54          | 18        | 88.1%     |
| 55          | 19        | 92.8%     |
| 56          | 6         | 94.3%     |
| 57          | 7         | 96.0%     |
| 58          | 8         | 98.0%     |
| 59          |           |           |
| 60          | 4         | 99.0%     |
| 61          | 4         | 100.0%    |
| 62          |           |           |
| 63          |           |           |
| 64          |           |           |
| 65          |           |           |
| 66          |           |           |
| 67          |           |           |
| 68          |           |           |
| 69          |           |           |
| 70          |           |           |
| Total       | 402       |           |



### DATA ANALYSIS

|                 |      |                 |         |
|-----------------|------|-----------------|---------|
| Average Speed   | 50.0 | Range           | 40 - 61 |
| 50th Percentile | 49.3 | 10 mph Pace     | 45 - 54 |
| 85th Percentile | 53.3 | Number in Pace  | 334     |
| 90th Percentile | 54.4 | Percent in Pace | 83%     |
| 95th Percentile | 56.4 |                 |         |

## SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

**COMMITTEE REPORT OF:** March 9, 2018 **Item 5-A**

**SUPERVISORIAL DISTRICT:** 5

**SUBJECT:** Radar Recertification

**LOCATION:** La Orilla from El Camino Real to Rambla de Las Flores  
(0.69 miles) SAN DIEGUITO (Thos. Bros. 1167-J4)

**INITIATED BY:** DPW Traffic Engineering

**REQUEST:** Radar Recertification

### **PROBLEM AS STATED BY REQUESTER:**

La Orilla from El Camino Real to Rambla de Las Flores is posted 35 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

### **Existing Traffic Devices**

La Orilla is a striped two-lane roadway that measures approximately 26 feet in width. There is edge striping along both sides of the roadway. There are stop controlled in the westbound direction at El Camino Real and in the eastbound direction at Rambla de Las Flores. The road is unclassified on the County General Plan Mobility Element Network. The road is posted 35 MPH/Radar Certified.

| <b><u>Average Daily Traffic Volumes</u></b> | <b><u>02/18</u></b> | <b><u>09/11</u></b> |
|---------------------------------------------|---------------------|---------------------|
| La Orilla:                                  |                     |                     |
| W/o Rambla de Las Flores                    | 1,450*              | 1,260               |

\*Estimated

| <b><u>Speed Data</u></b> |        | <b><u>85th<br/>Percentile</u></b> | <b><u>10 MPH<br/>Pace</u></b> | <b><u>% in<br/>Pace</u></b> |
|--------------------------|--------|-----------------------------------|-------------------------------|-----------------------------|
| La Orilla:               |        |                                   |                               |                             |
| 1,000' W/o Rambla de     | (2018) | 35.2 MPH                          | 23-32                         | 64.0%                       |
| Las Flores               | (2011) | 36.6 MPH                          | 29-38                         | 75.4%                       |

### **Collision Data**

There have been 8 reported collisions along this segment of roadway, 2 of which involved injury, in a five year period (11-1-12 to 10-31-17). These collisions result in a segment accident rate of 4.39 collisions per million vehicle miles. The statewide average is 2.39 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speed limit less than 45 mile per hour.



# 5-A. Radar Recertification

## La Orilla from El Camino Real to Rambla De Las Flores (0.69 miles)



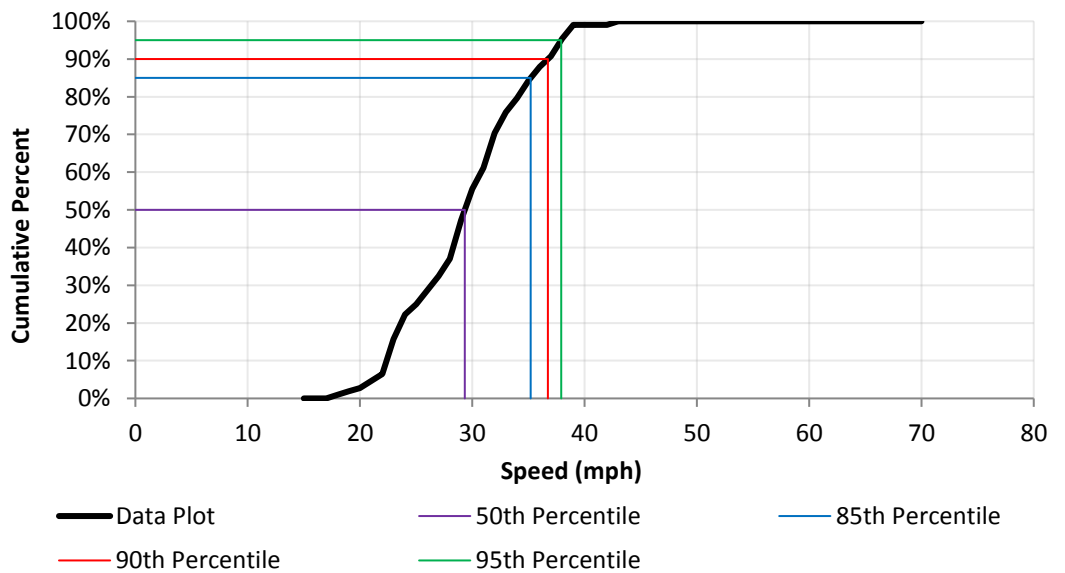
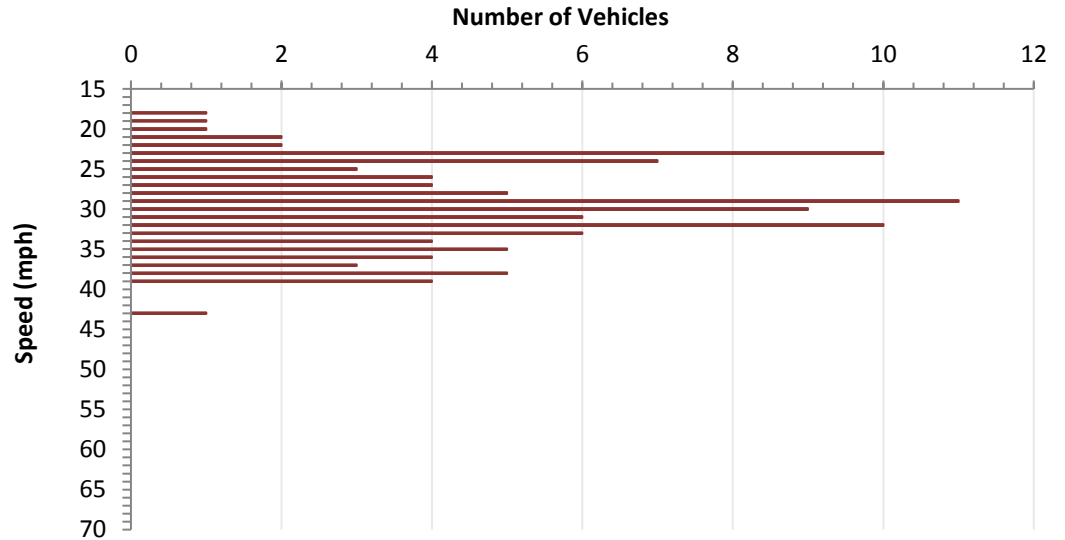


# RADAR SPEED SURVEY

## SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

|                    |                                 |                        |                |                          |                      |
|--------------------|---------------------------------|------------------------|----------------|--------------------------|----------------------|
| <b>Road Name:</b>  | La Orilla                       | <b>From:</b>           | El Camino Real | <b>To:</b>               | Rambla de Las Flores |
| <b>Position:</b>   | 1,000' W/o Rambla de Las Flores |                        |                | <b>Direction:</b>        | EB/WB                |
| <b>Date:</b>       | 2/20/2018                       | <b>Weather:</b>        | Clear          | <b>Project Number:</b>   | 0                    |
| <b>Time Start:</b> | 10:30 AM                        | <b>Road Condition:</b> | Dry            | <b>Observer:</b>         | Susan H.             |
| <b>Time End:</b>   | 12:00 PM                        | <b>Posted Speed:</b>   | 35 MPH         | <b>Calibration Test:</b> | N                    |

| Speed (mph)  | Num. Veh.  | Cum. Pct. |
|--------------|------------|-----------|
| 15           |            |           |
| 16           |            |           |
| 17           |            |           |
| 18           | 1          | 0.9%      |
| 19           | 1          | 1.9%      |
| 20           | 1          | 2.8%      |
| 21           | 2          | 4.6%      |
| 22           | 2          | 6.5%      |
| 23           | 10         | 15.7%     |
| 24           | 7          | 22.2%     |
| 25           | 3          | 25.0%     |
| 26           | 4          | 28.7%     |
| 27           | 4          | 32.4%     |
| 28           | 5          | 37.0%     |
| 29           | 11         | 47.2%     |
| 30           | 9          | 55.6%     |
| 31           | 6          | 61.1%     |
| 32           | 10         | 70.4%     |
| 33           | 6          | 75.9%     |
| 34           | 4          | 79.6%     |
| 35           | 5          | 84.3%     |
| 36           | 4          | 88.0%     |
| 37           | 3          | 90.7%     |
| 38           | 5          | 95.4%     |
| 39           | 4          | 99.1%     |
| 40           |            |           |
| 41           |            |           |
| 42           |            |           |
| 43           | 1          | 100.0%    |
| 44           |            |           |
| 45           |            |           |
| 46           |            |           |
| 47           |            |           |
| 48           |            |           |
| 49           |            |           |
| 50           |            |           |
| 51           |            |           |
| 52           |            |           |
| 53           |            |           |
| 54           |            |           |
| 55           |            |           |
| 56           |            |           |
| 57           |            |           |
| 58           |            |           |
| 59           |            |           |
| 60           |            |           |
| 61           |            |           |
| 62           |            |           |
| 63           |            |           |
| 64           |            |           |
| 65           |            |           |
| 66           |            |           |
| 67           |            |           |
| 68           |            |           |
| 69           |            |           |
| 70           |            |           |
| <b>Total</b> | <b>108</b> |           |



### DATA ANALYSIS

|                 |      |                 |         |
|-----------------|------|-----------------|---------|
| Average Speed   | 29.8 | Range           | 18 - 43 |
| 50th Percentile | 29.3 | 10 mph Pace     | 23 - 32 |
| 85th Percentile | 35.2 | Number in Pace  | 69      |
| 90th Percentile | 36.7 | Percent in Pace | 64%     |
| 95th Percentile | 37.9 |                 |         |