

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

January 27, 2017 ~ 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/ SPONSOR GROUP
<u>SUPERVISORIAL DISTRICT 2</u>			
2-A. TEMPORARY ROAD CLOSURE	CAMINO MONTE SOMBRA	GRANITE HILLS	CREST/DEHESA
2-B. RADAR RECERTIFICATION	FOURTH STREET	GRANITE HILLS	CREST/DEHESA
2-C. RADAR RECERTIFICATION	DEHESA ROAD	DEHESA	CREST/DEHESA
2-D. RADAR RECERTIFICATION	HARBISON CANYON	HARBISON CANYON	CREST/DEHESA
<u>SUPERVISORIAL DISTRICT 5</u>			
5-A. ALL-WAY STOP	JESMOND DENE ROAD AND JESMOND DRIVE	JESMOND DENE	HIDDEN MEADOWS

2-A. Temporary Road Closure

Camino Monte Sombra from 500 feet east of Calle de la Sierra
easterly to The End of County Maintenance



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: January 27, 2017

Item 2-A

SUPERVISORIAL DISTRICT: 2

SUBJECT: Temporary Road Closure

LOCATION: Camino Monte Sombra, from a point 500 feet east of Calle de la Sierra easterly to the End, EL CAJON (Thos Bros. 1252-E4) Crest-Dehesa Community Planning Group

INITIATED BY: California Highway Patrol/San Diego County Sheriff

REQUEST: Temporary Road Closure

PROBLEM AS STATED BY REQUESTER:

On August 10, 2001, your Committee forwarded a recommendation to the Board of Supervisors in support of a temporary 18-month road closure as a result of serious and continual criminal activity along this portion of Camino Monte Sombra. On October 10, 2001, the Board of Supervisors directed the temporary road closure be established. On December 1, 2001, this portion of Camino Monte Sombra was closed.

The resolution enacting the temporary road closure dictates this closure may be extended for a total of eight additional consecutive periods of not more than 18 months each. Also, prior to each extension, a public hearing is held and the same findings be made.

The Board of Supervisors, Law Enforcement Officials, Crest-Dehesa Community Planning Group and affected property owners have consistently supported previous extensions of Camino Monte Sombra's temporary road closure. This matter has exhausted all extension periods per Vehicle Code Section 21101.4. The temporary road closure was a result of serious and continual criminal activity and has expired.

The California Highway Patrol (CHP) and San Diego County Sheriff both support the reestablishment of this temporary closure on Camino Monte Sombra. All utility companies that will be affected by this closure have been contacted.

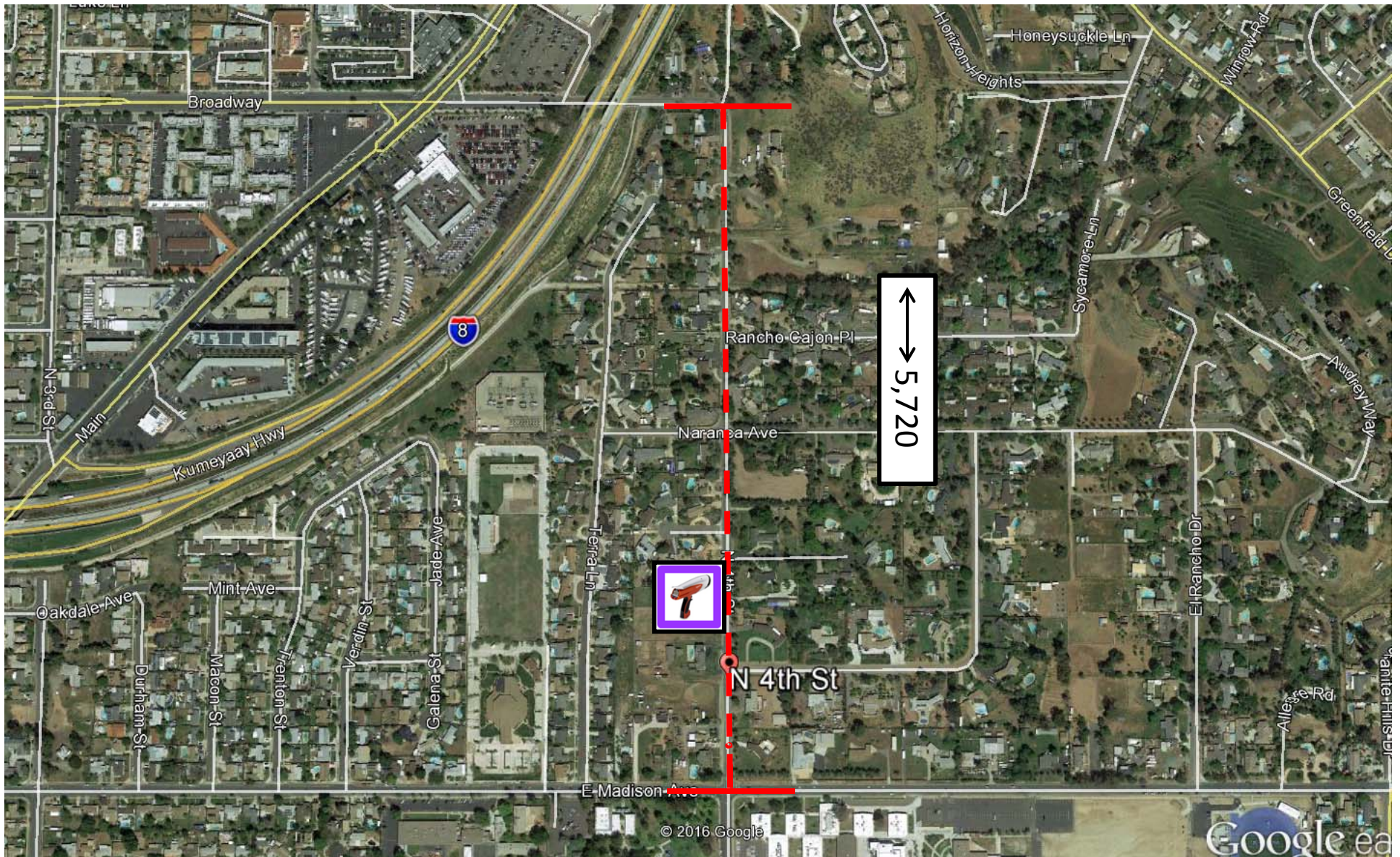
DATA:

Existing Traffic Devices

Camino Monte Sombra is a 28-foot striped two-lane roadway with a parking prohibition along both sides in advance of the closed segment. The closed segment has a "\$1,000 Fine for Littering" sign in place. The roadway is unclassified on the County General Plan Mobility Element Network. The road is not posted.

2-B. Radar Recertification

Fourth Street from the El Cajon City Limit northerly to Broadway
(a distance of 0.52 miles)



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: January 27, 2017

Item 2-B

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Recertification

LOCATION: Fourth Street from the El Cajon City Limit northerly to Broadway (a distance of 0.52 miles) EL CAJON (Thos. Bros. 1252 B-4)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification of the Existing 40 MPH Speed Limit

PROBLEM AS STATED BY REQUESTER:

Preliminary review of prevailing speeds and roadway conditions could support radar recertification for the existing 40 MPH speed limit.

Existing Traffic Devices

Fourth Street is a striped two-lane roadway that measures 30 feet in width. The appropriate school signs and pavement legends are in place. The road is posted 40 MPH/Radar Certified. The road is unclassified on the Mobility Element Network.

Average Daily Traffic Volumes 10/16 10/10

Fourth Street:		
180' S/o Whigham PI	5,720*	5,080
*Estimated		

Spot Speed Data 85th Percentile 10 MPH Pace % in Pace

Fourth Street:				
180' S/o Whigham PI	(2017)	42 MPH	35-44	90.0%
	(2010)	42.2 MPH	35-44	76.6%

Collision Data

There have been seven reported collisions along this segment of roadway, three of which involved injury in the last five years one month period, (01-01-11 to 02-29-16).

Spot Speed Study

Prepared by: National Data & Surveying Services

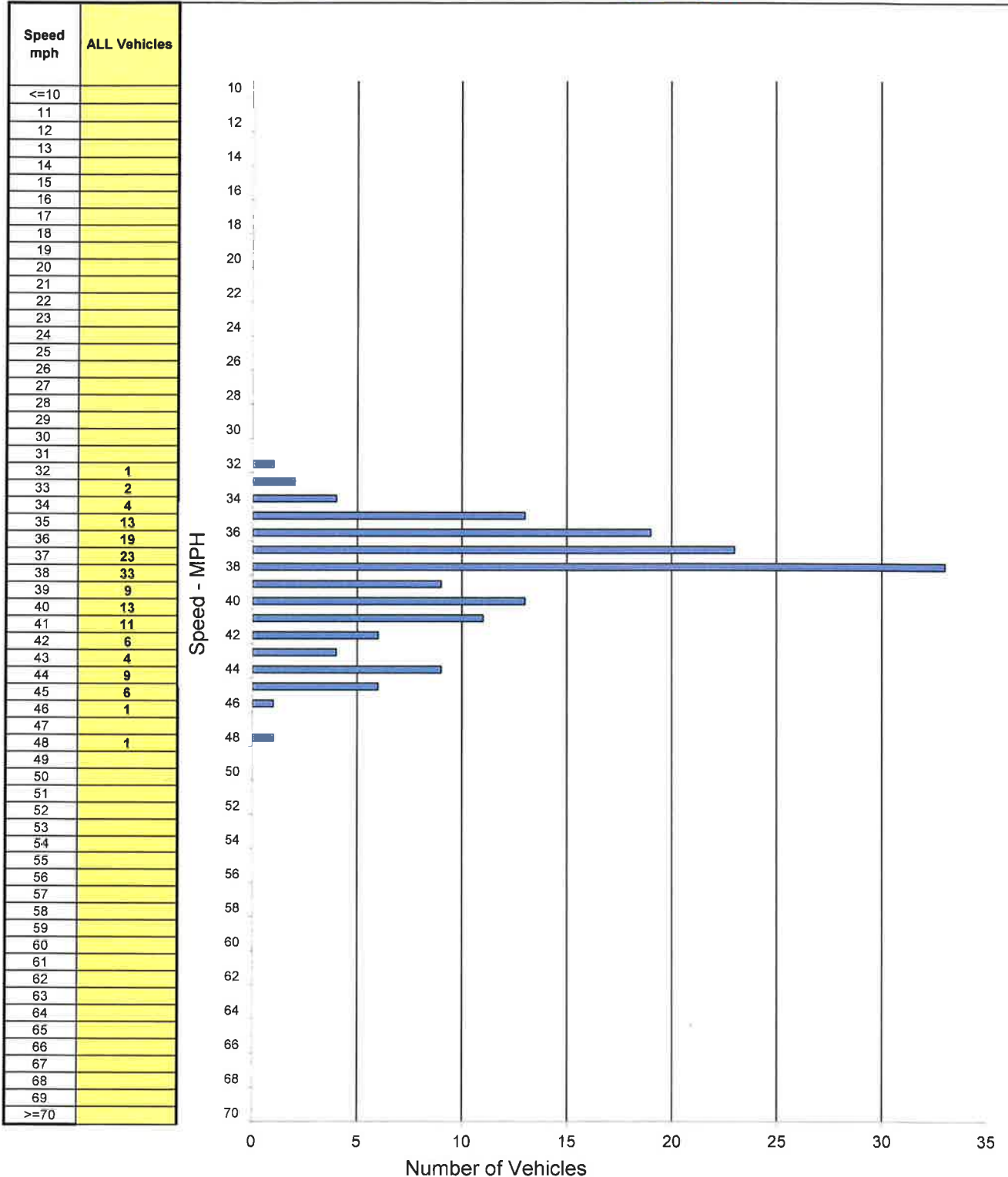
City of El Cajon

DATE: 1/6/2017
TIME: 09:00-11:00

Location: 4th St 180' S/O Whighman PI
Posted Speed: 40 MPH

Project #: 17-4000-001

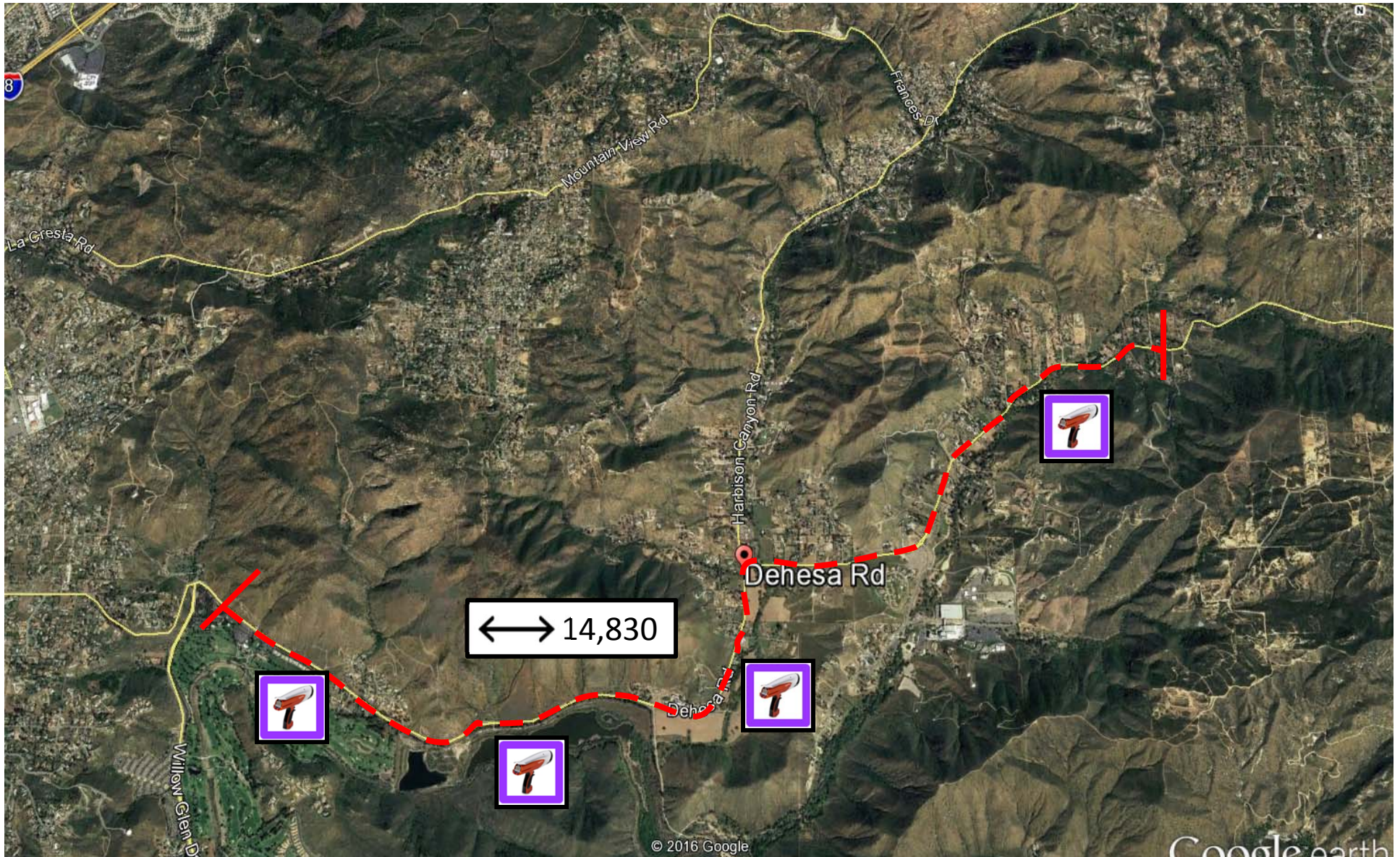
Northbound & Southbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	155	32 - 48	38 mph	42 mph	35 - 44	140	90%	4% / 7	6% / 8

2-C. Radar Recertification

Dehesa Road from 390 feet E/o Willow Glen Dr to 1000 feet E/o MP 7.0
(a distance of 5.13 miles)



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: January 27, 2017 **Item 2-C**

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Recertification

LOCATION: Dehesa Road from 390 feet east of Willow Glen Drive easterly to 1,000 feet east of Mile Post 7 (a distance of 5.13 miles) DEHESA (Thos. Bros. 1252 H-7) Crest/Dehesa Community Planning Group

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification of the Existing 50 MPH Speed Limit

PROBLEM AS STATED BY REQUESTER:

Preliminary review of prevailing speeds and roadway conditions could support radar recertification for the existing 50 MPH speed limit.

Existing Traffic Devices

Dehesa Road is a striped two-lane Through Highway that varies from 34 to 54 feet in width. There is a short segment with a two-way left turn lane separating both directions of travel. There are bike lanes along each side of the roadway between Willow Glen Drive and Harbison Canyon Road. A new Traffic Signal has been installed at the intersection of Dehesa Road and Sycuan Road. A major portion of Dehesa Road is classified as a Major Road, from Harbison Canyon Road easterly it is classified as a Rural Collector on the Mobility Element Network. The road is posted 50 MPH/Radar Certified. The adjacent easterly segment of Dehesa Road is posted 45 MPH/Radar Certified.

Average Daily Traffic Volumes **07/16** **07/10**

Dehesa Road:
E/o Harbison Canyon Road
E/o Willow Glen Drive 14,830* 13,170
*Estimated

Spot Speed Data **85th** **10 MPH** **% in** **Percentile** **Pace** **Pace**

Dehesa Road:
3200' E/o Willow (2017) 56.0 MPH 47-56 85.0%
Glen Dr. (2008) 51.0 MPH 43-52 72.0%

Spot Speed Data continued

<u>Spot Speed Data</u>		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
2400' E/o Sloane Canyon Rd.	(2017)	54.0 MPH	46-55	83.0%
	(2008)	52.9 MPH	45-54	74.5%
1330' E/o Harbison Canyon Rd.	(2017)	53.0 MPH	45-54	87.0%
	(2008)	52.3 MPH	45-54	72.3%
650' E/o Stallion Oaks Rd.	(2017)	55.0 MPH	43-52	71.0%
	(2008)	53.4 MPH	45-54	59.8%
<u>Speed Zone</u>	(2017)	54.7 MPH	46-55	78.0%

Collision Data

There have been 115 reported collisions along this segment of roadway, 59 of which involved injury, and two of which involved fatality in the last five years two month period (01-01-11 to 02-29-16).

Spot Speed Study

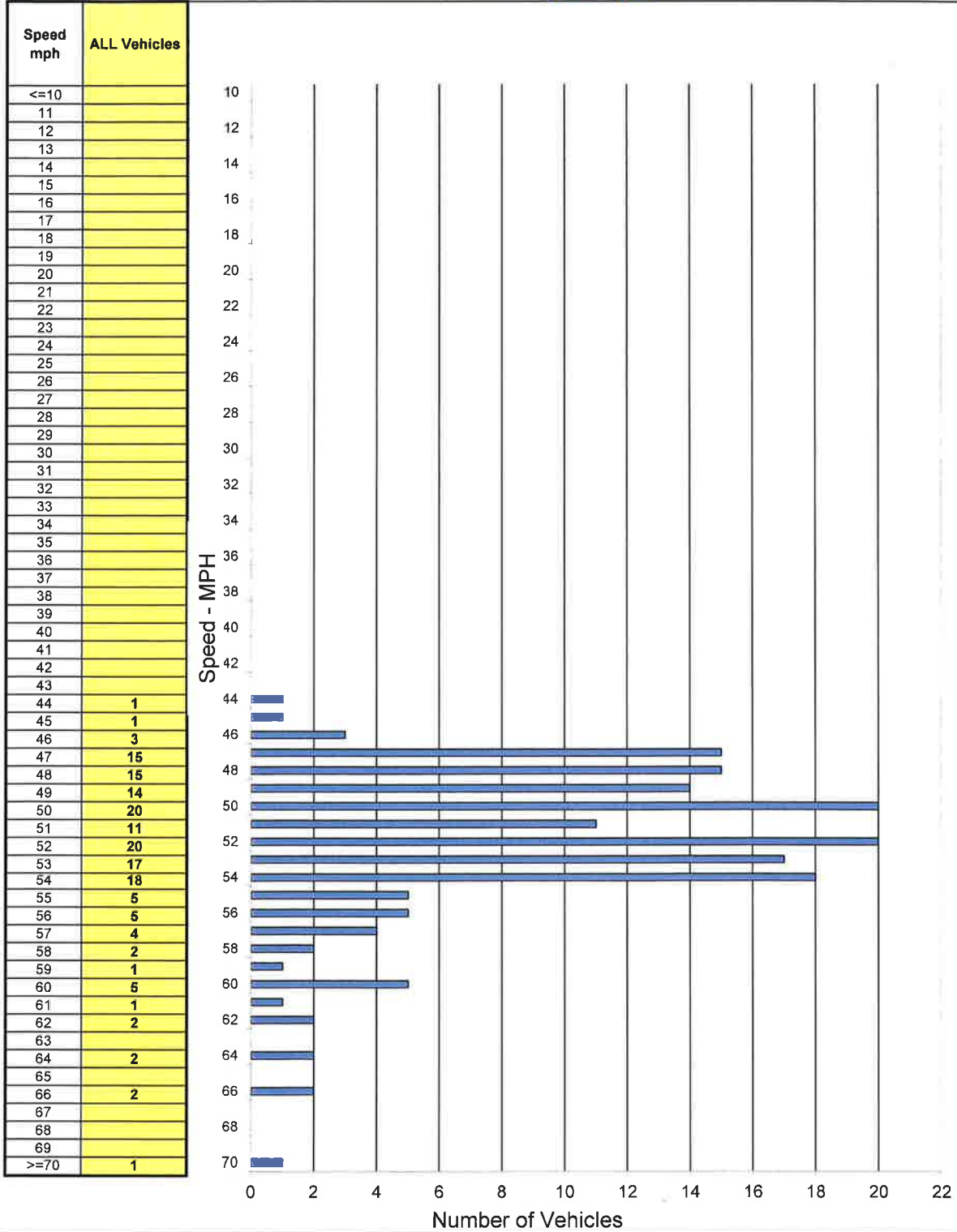
Prepared by: National Data & Surveying Services

City of El Cajon

DATE: 1/3/2017
TIME: 09:00-11:00

Location: Dahesa Rd 3200' E/O Willow Glen Dr
Posted Speed: 50 MPH
Project #: 17-4000-002

Eastbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	165	44 - 66	52 mph	56 mph	47 - 56	140	85%	3% / 5	13% / 20

Spot Speed Study

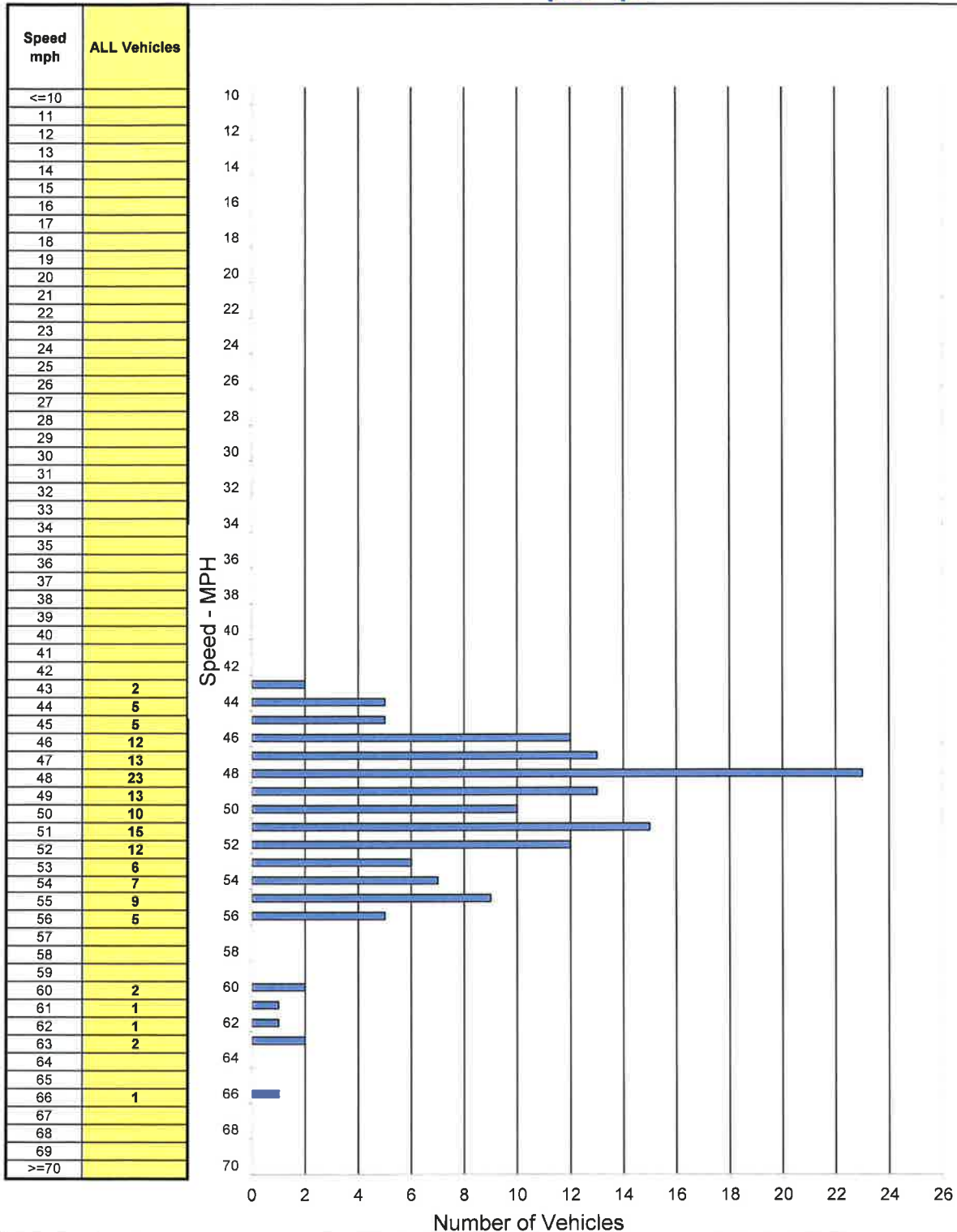
Prepared by: National Data & Surveying Services

City of El Cajon

DATE: 1/3/2017
TIME: 13:30-15:30

Location: Dahesa Rd 2400' E/O Sloane Canyon Rd
Posted Speed: 50 MPH Project #: 17-4000-004

Eastbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	144	43 - 66	49 mph	54 mph	46 - 55	120	83%	8% / 12	9% / 12

Spot Speed Study

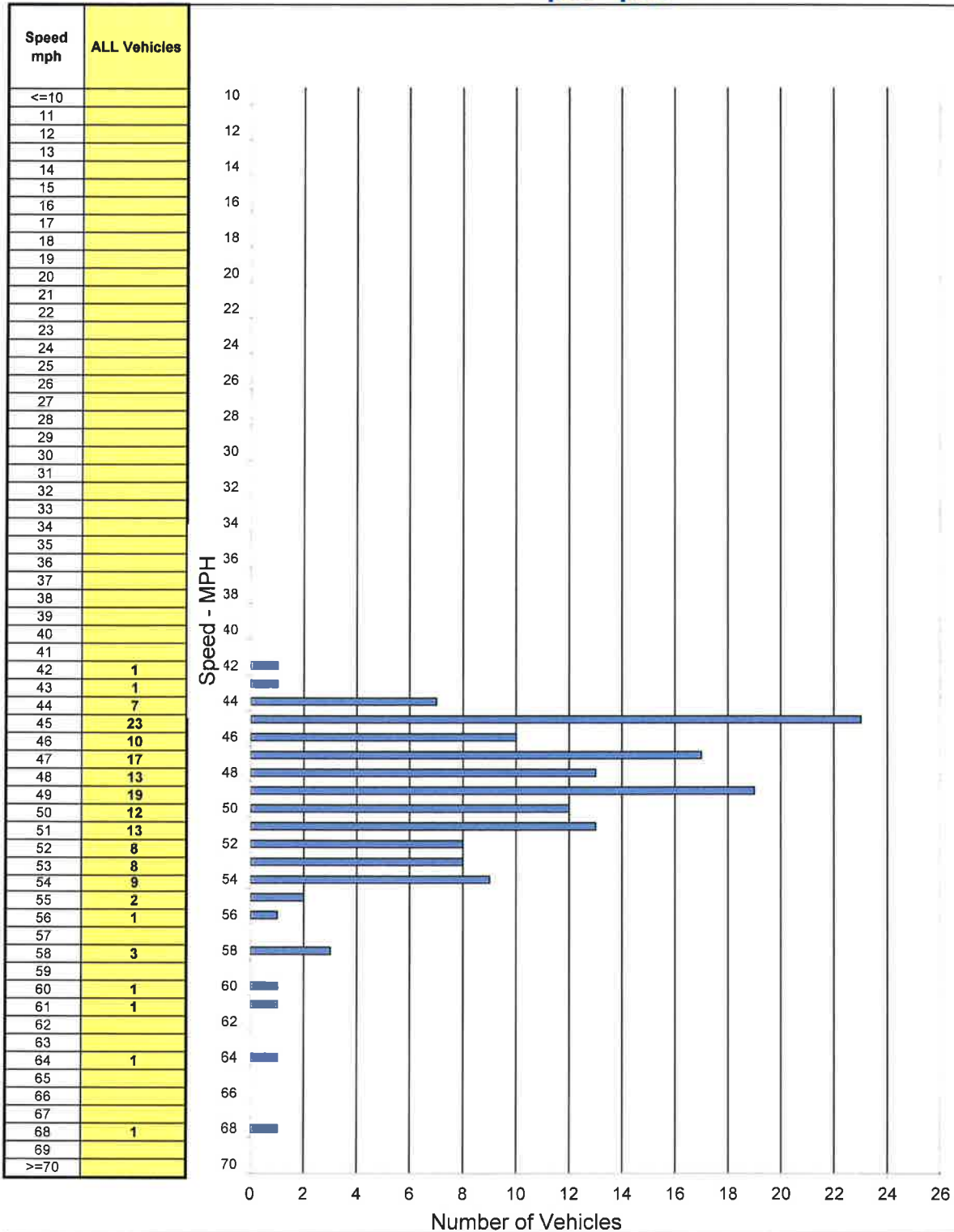
Prepared by: National Data & Surveying Services

City of El Cajon

DATE: 1/3/2017
TIME: 11:15-13:15

Location: Dahesa Rd 1330' E/O Harbison Canyon Rd
Posted Speed: 50 MPH Project #: 17-4000-005

Eastbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	151	42 - 68	49 mph	53 mph	45 - 54	132	87%	5% / 9	7% / 10

Spot Speed Study

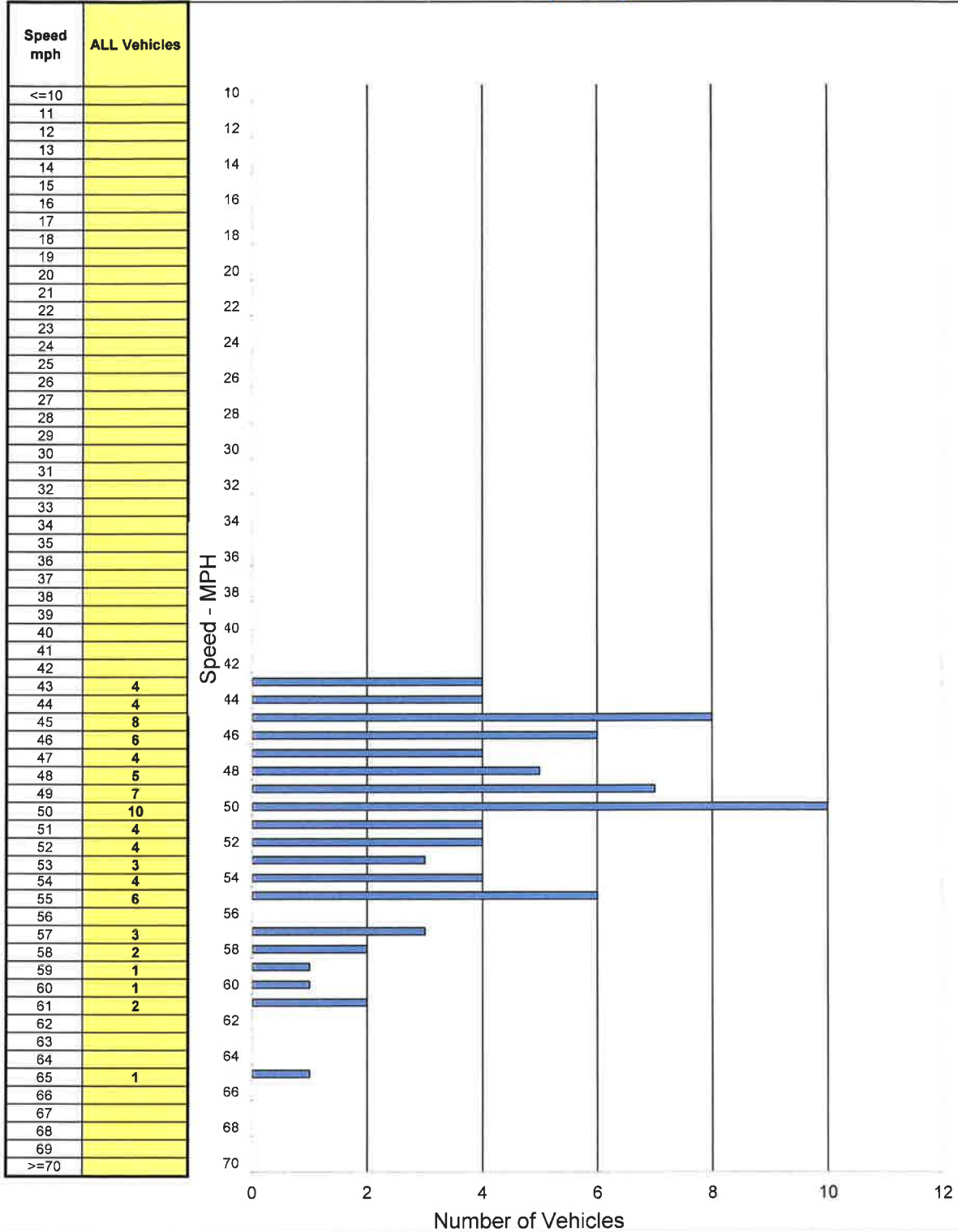
Prepared by: National Data & Surveying Services

City of El Cajon

DATE: 1/4/2017
TIME: 09:00-11:00

Location: Daheza Rd 650' E/O Stallion Oaks Rd
Posted Speed: 50 MPH
Project #: 17-4000-003

Eastbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	79	43 - 65	50 mph	55 mph	43 - 52	56	71%	0% / 0	30% / 23



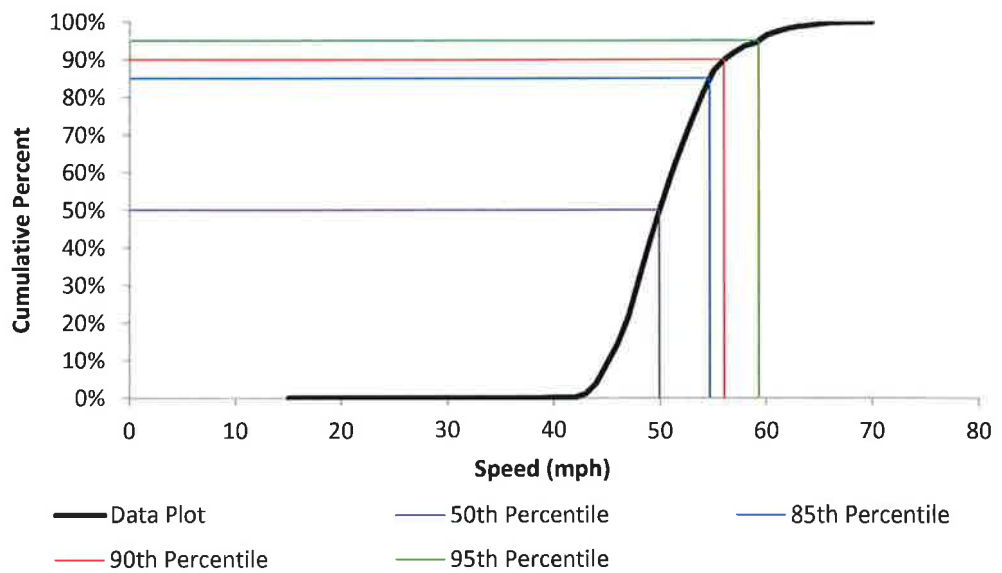
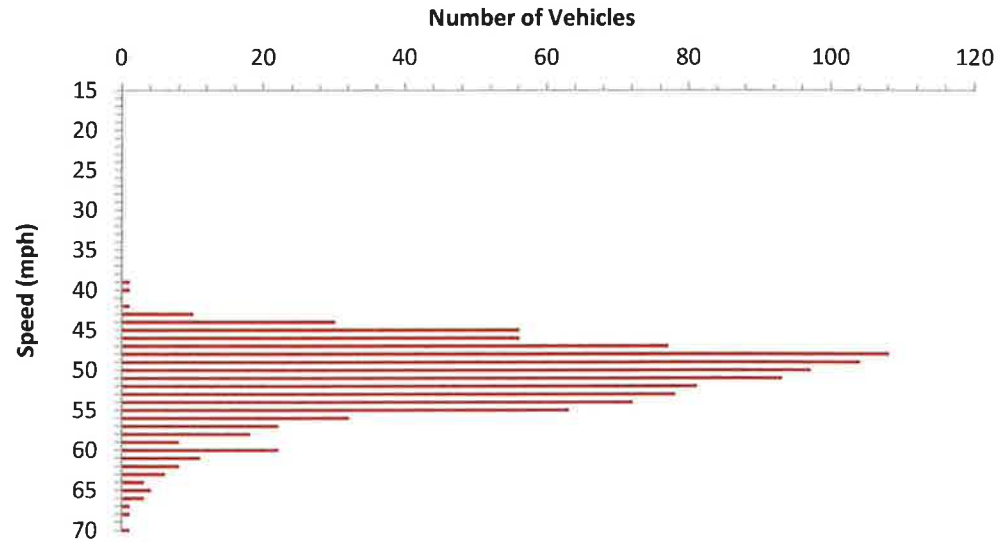
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Dehesa Rd	From:	390 feet east of Willow Glen Drive	To:	1000 feet east of Mile Post 7
Position:	Speed Zone	Direction:	EB/WB		

Date:	1/4/2017	Weather:	clear	Project Number:	TAC 1/27/2017
Time Start:	9:00 AM	Road Condition:	dry	Observer:	Vendor
Time End:	10:00 AM	Posted Speed:	50 MPH	Calibration Test:	N

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	1	0.1%
40	1	0.2%
41		
42	1	0.3%
43	10	1.2%
44	30	4.0%
45	56	9.3%
46	56	14.5%
47	77	21.7%
48	108	31.8%
49	104	41.6%
50	97	50.7%
51	93	59.4%
52	81	66.9%
53	78	74.3%
54	72	81.0%
55	63	86.9%
56	32	89.9%
57	22	91.9%
58	18	93.6%
59	8	94.4%
60	22	96.4%
61	11	97.5%
62	8	98.2%
63	6	98.8%
64	3	99.1%
65	4	99.4%
66	3	99.7%
67	1	99.8%
68	1	99.9%
69		
70	1	100.0%
Total	1068	

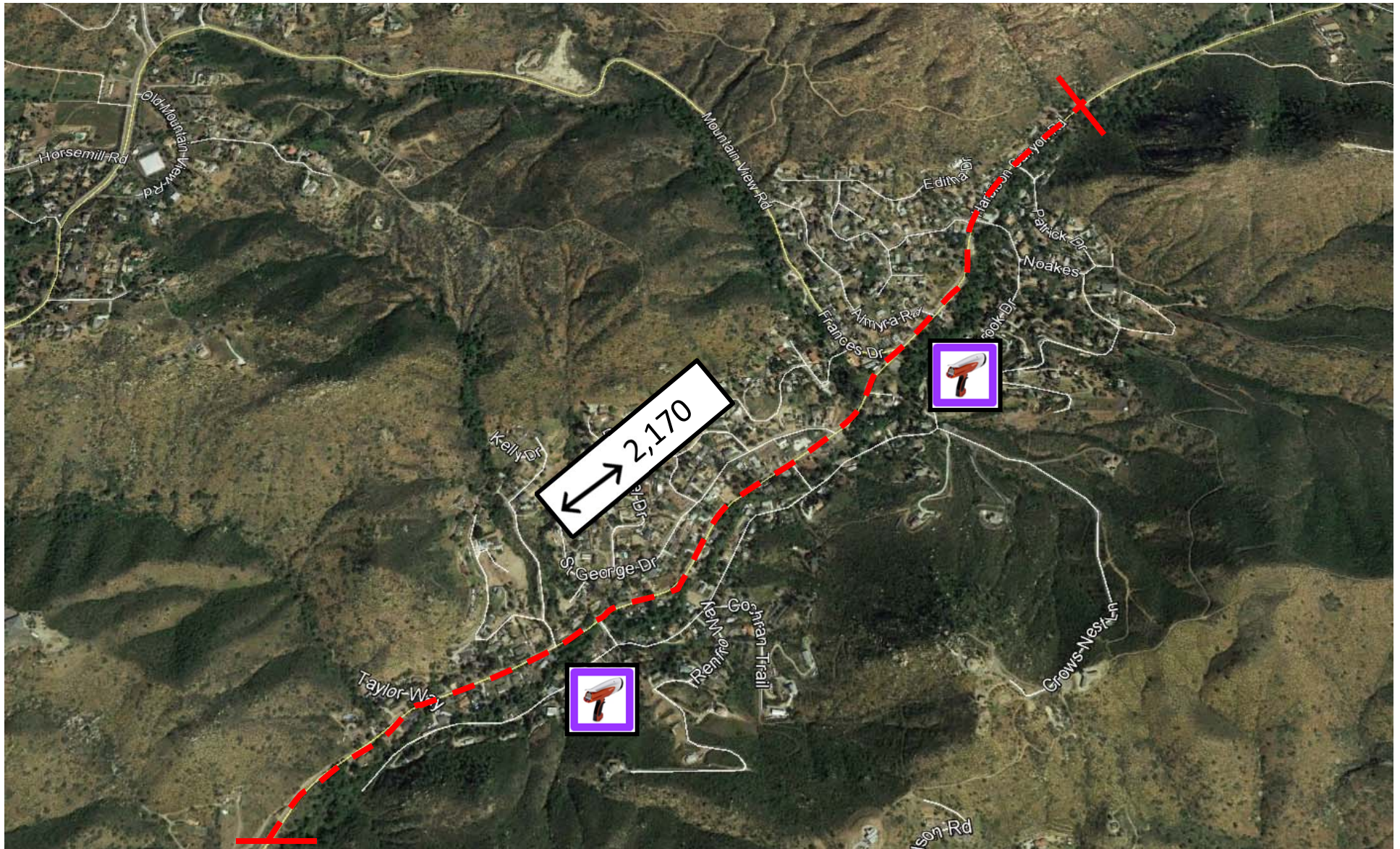


DATA ANALYSIS

Average Speed	51.0	Range	39 - 70
50th Percentile	49.9	10 mph Pace	46 - 55
85th Percentile	54.7	Number in Pace	829
90th Percentile	56.1	Percent in Pace	78%
95th Percentile	59.3		

2-D. Radar Recertification

Harbison Canyon Road from 1,900 feet south of Collier Way
northerly to 650 feet north of Patrick Drive (a distance of 1.4 miles)



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: January 27, 2017 **Item 2-D**

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Recertification

LOCATION: Harbison Canyon Road from 1,900 feet south of Collier Way northerly to 650 feet north of Patrick Drive (a distance of 1.4 miles) HARBISON CANYON (Thos. Bros. 1253 C-1) Crest/Dehesa/Harbison Canyon Community Planning Group

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification of the Existing 40 MPH Speed Limit

PROBLEM AS STATED BY REQUESTER:

Preliminary review of prevailing speeds and roadway conditions could support radar recertification for the existing 40 MPH speed limit.

Existing Traffic Devices

Harbison Canyon Road is a striped two-lane Through Highway that measures approximately 26 feet in width. There is edge-striping on both sides of the roadway. The road is posted 40 MPH/Radar Certified. This roadway is classified as a Light Collector on the Mobility Element Map.

<u>Average Daily Traffic Volumes</u>	<u>07/16</u>	<u>07/10</u>
Harbison Canyon Road: N/o Collier Way *Estimated	2,170*	1,930

<u>Spot Speed Data</u>		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Harbison Canyon Road: 100' S/o Almyra Rd	(2017)	42 MPH	35-44	89%
	(2010)	45.0 MPH	36-45	58.9%
800' S/o Collier Wy	(2017)	48 MPH	37-46	76%
	(2010)	44.0 MPH	35-44	56.6%
<u>Spot Zone</u>	(2017)	45.9 MPH	37-46	82%

Collision Data

There have been 26 reported collisions along this segment of roadway, 11 of which involved injury in the last five years two months period (01-01-11 to 02-29-16).

Spot Speed Study

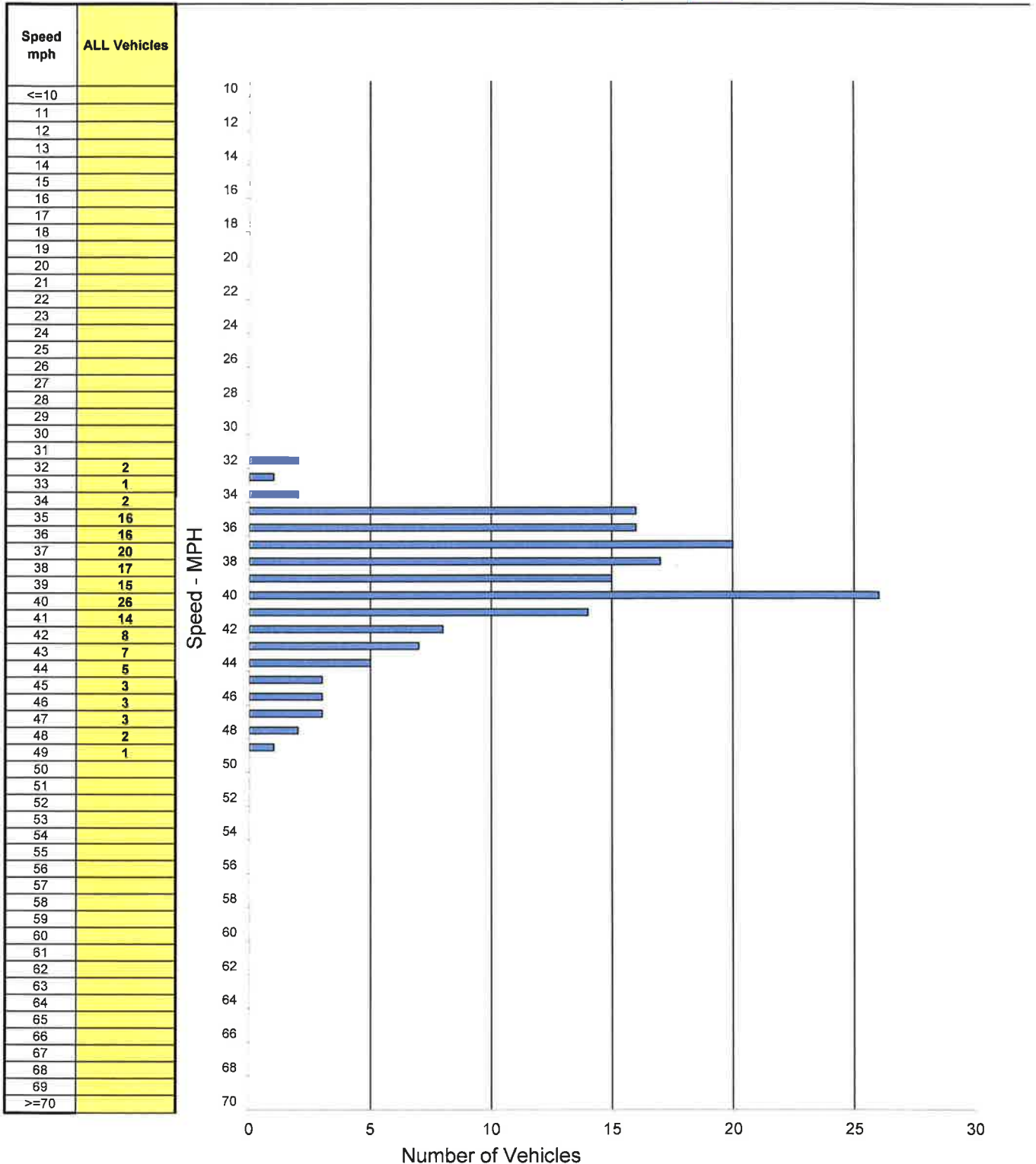
Prepared by: National Data & Surveying Services

City of El Cajon

DATE: 1/4/2017
TIME: 11:15-13:15

Location: Harbison Canyon Rd 100' S/O Almyra Dr
Posted Speed: 40 MPH
Project #: 17-4000-006

Northbound & Southbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	161	32 - 49	39 mph	42 mph	35 - 44	144	89%	3% / 5	8% / 12

Spot Speed Study

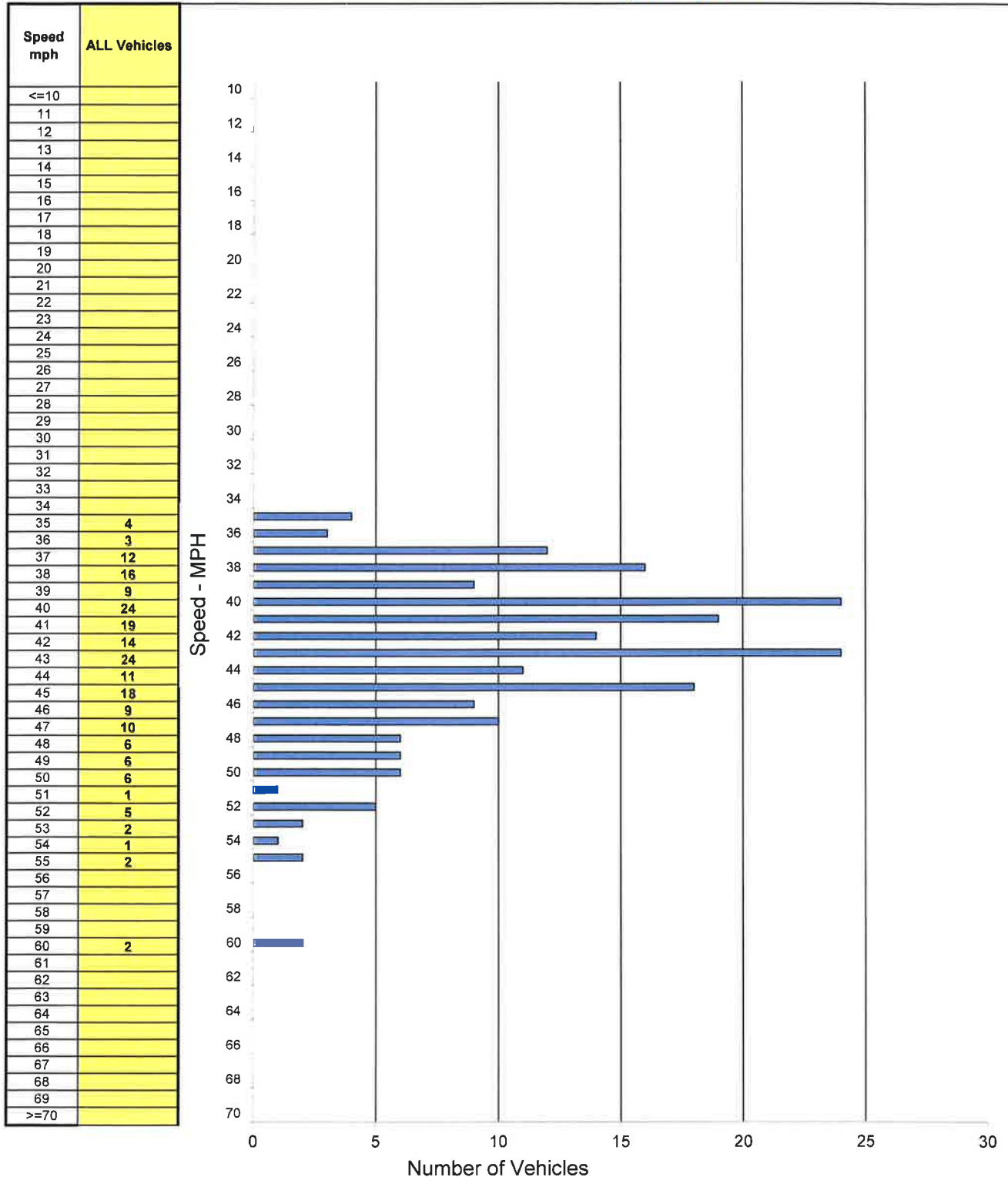
Prepared by: National Data & Surveying Services

City of El Cajon

DATE: 1/4/2017
TIME: 13:30-15:30

Location: Harbison Canyon Rd 800' S/O Collier Way
Posted Speed: 40 MPH
Project #: 17-4000-007

Northbound & Southbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	204	35 - 60	43 mph	48 mph	37 - 46	156	76%	3% / 7	21% / 41



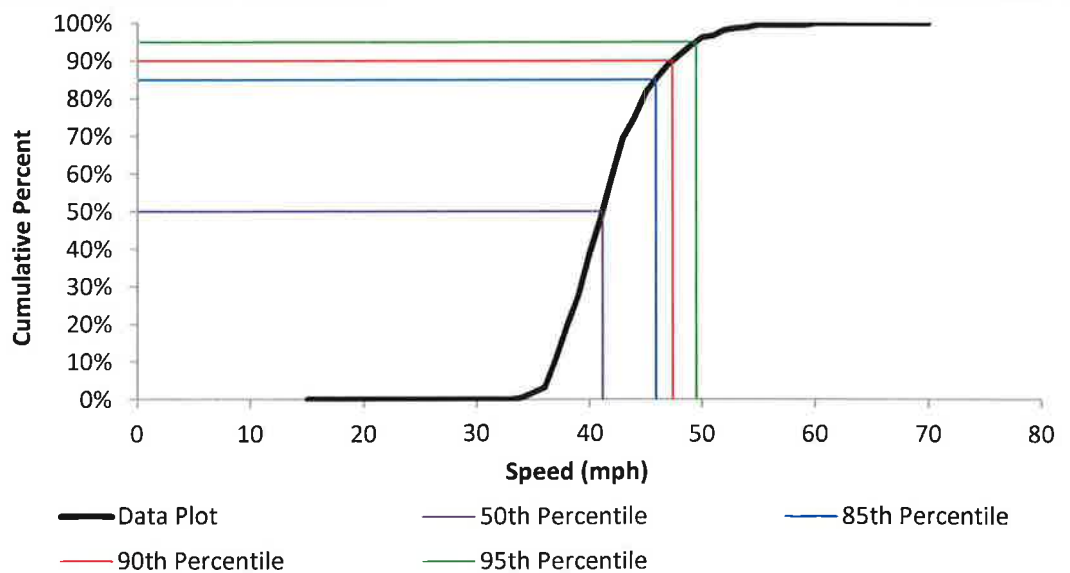
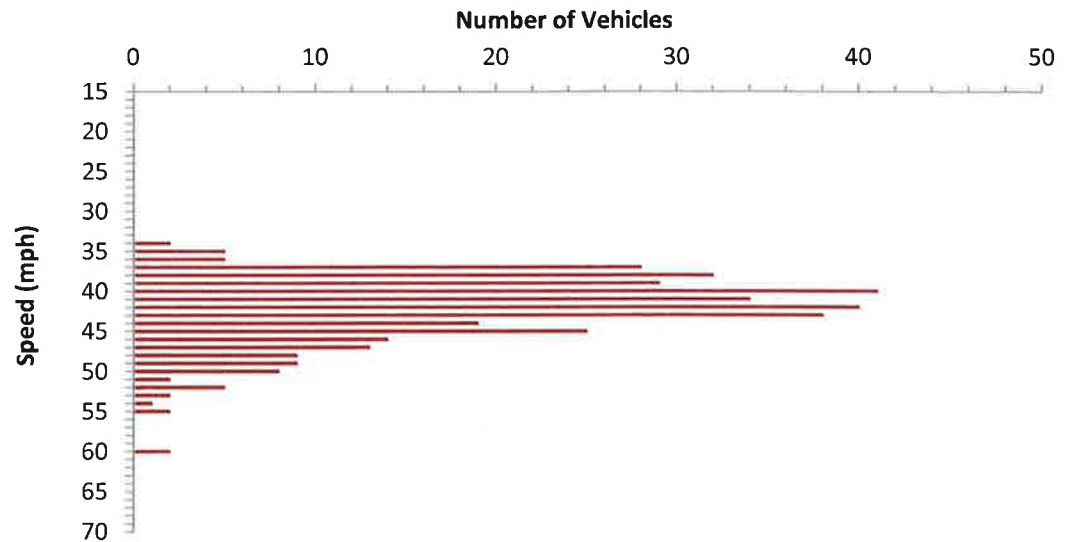
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name: Harbison Canyon Rd **From:** 1900 feet south of Collier Way **To:** 650 feet north of Patrick Drive
Position: Speed Zone **Direction:** NB/SB

Date: 1/4/2017 **Weather:** clear **Project Number:** TAC 1/27/2017
Time Start: 11:00 AM **Road Condition:** dry **Observer:** Vendor
Time End: 1:00 PM **Posted Speed:** 40 MPH **Calibration Test:** N

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	2	0.5%
35	5	1.9%
36	5	3.3%
37	28	11.0%
38	32	19.7%
39	29	27.7%
40	41	38.9%
41	34	48.2%
42	40	59.2%
43	38	69.6%
44	19	74.8%
45	25	81.6%
46	14	85.5%
47	13	89.0%
48	9	91.5%
49	9	94.0%
50	8	96.2%
51	2	96.7%
52	5	98.1%
53	2	98.6%
54	1	98.9%
55	2	99.5%
56		
57		
58		
59		
60	2	100.0%
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	365	



DATA ANALYSIS

Average Speed	42.2	Range	34 - 60
50th Percentile	41.2	10 mph Pace	37 - 46
85th Percentile	45.9	Number in Pace	300
90th Percentile	47.4	Percent in Pace	82%
95th Percentile	49.5		

5-A. Intersection Review

Jesmond Dene Road and Jesmond Drive



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: January 27, 2017 **Item 5-A**

SUPERVISORIAL DISTRICT: 5

SUBJECT: All-Way Stop

LOCATION: Jesmond Dene Road and Jesmond Drive (Thos. Bros. 1109 E-2) HIDDEN MEADOWS – Hidden Meadows Community Sponsor Group

INITIATED BY: DPW Traffic Engineering

REQUEST: Intersection Review

PROBLEM AS STATED BY REQUESTER:

Sight visibility is obstructed at the “TEE” intersection of Jesmond Dene Road and Jesmond Drive in Hidden Meadows due to parked vehicles in the business on the northeast side of the intersection. A local resident requested for consideration of an All-Way Stop Control at this intersection. Please review the intersection of Jesmond Dene Road and Jesmond Drive for appropriateness of an All-Way Stop Control installation.

Existing Traffic Devices

Jesmond Dene Road is a striped two-lane roadway that intersects Jesmond Drive, runs north/south and measures 24 feet wide. This roadway is classified as a Light Collector on the County General Plan Mobility Element Network.

Jesmond Drive is an unstriped roadway that intersects Jesmond Dene Road, measures 18 feet wide and is stop controlled. NOTE: This roadway is unclassified on the County General Plan Mobility Element Network.

Average Daily Traffic Volumes

6/16

Jesmond Dene Road:

N/o Jesmond Drive

790 SB

S/o Jesmond Drive

1030 NB

Jesmond Drive:

E/o Jesmond Dene Road

460 WB

Collisions

There has been no reported collision at this intersection in the last five year two month period (1-1-11 to 02-29-16).