

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

County of San Diego Fire Authority
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
Pacific Safety Center
San Diego County Sheriff's
Department

April 19, 2023

TO: Community Planning/Sponsor Group Chairpersons

FROM: Secretary, Traffic Advisory Committee

MEETING NOTICE

Attached is the preliminary agenda for the April 28, 2023 meeting of the Traffic Advisory Committee (TAC).

This TAC meeting on April 28, 2023, will be conducted with a virtual meeting platform option. Please use this link below to join the meeting:

Join on your computer, mobile app or room device

[Click here to join the meeting](#)

Meeting ID: 210 388 531 180

Passcode: BDYp8y

[Download Teams](#) | [Join on the web](#)

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[+1 619-343-2539,,888573283#](#) United States, San Diego

Phone Conference ID: 888 573 283#

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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:bb
Attachment



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

**April 28, 2023 ~ 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. Announcements / Public Forum**
- V. Items for Review**

SUBJECT	LOCATION	AREA/ COMMUNITY GROUP
<u>SUPERVISORIAL DISTRICT 2</u>		
2-A. RADAR CERTIFICATION	PECAN PARK LN/ RIOS CANYON RD OLDE HIGHWAY 80 TO END CMR	EL CAJON/ LAKESIDE CPG
<u>SUPERVISORIAL DISTRICT 3</u>		
3-A. RADAR CERTIFICATION	LA GRANADA AVENDIA DE ACACIAS TO LOS MORROS	RANCHO SANTA FE/ SAN DIEGUITO CPG
<u>SUPERVISORIAL DISTRICT 5</u>		
5-A. RADAR CERTIFICATION	LILAC RD / OLD CASTLE RD VALLEY CENTER RD TO 550' E/O MILE POST 6.0	VALLEY CENTER/ VALLEY CENTER CPG
5-B. RADAR CERTIFICATION	OLD CASTLE RD 550' E/O MILE POST 6.0 TO CHAMPAGNE BL	VALLEY CENTER/ VALLEY CENTER CPG
5-C. RADAR CERTIFICATION	COLE GRADE RD SR-76 TO MC NALLY RD	VALLEY CENTER/ VALLEY CENTER CPG
5-D. RADAR CERTIFICATION	COLE GRADE RD MC NALLY RD TO 550' N/O FRUITVALE RD	VALLEY CENTER/ VALLEY CENTER CPG
5-E. RADAR CERTIFICATION	COLE GRADE RD 550' N/O FRUITVALE RD TO VALLEY CENTER RD	VALLEY CENTER/ VALLEY CENTER CPG

For information on joining the meeting via Microsoft Teams, please look for the meeting agenda on the Traffic Advisory Committee website at:

<https://www.sandiegocounty.gov/content/sdc/dpw/transportation/tacagenda.html>

Pecan Park Lane/Rios Canyon Road

Olde Highway 80 to end of County maintenance
0.82 miles



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: April 28, 2023

Item 2-A

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Certification

LOCATION: Pecan Park Lane (both legs)/ Rios Canyon Road from Olde Highway 80 to end of County maintained road (a distance of 0.82 miles) EL CAJON (Thos. Bros. 1232-G5)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

Pecan Park Lane (both legs) and Rios Canyon Road from Olde Highway 80 to end of County maintained road is currently posted with a 35 MPH speed limit. A preliminary review of prevailing speeds and roadway conditions could support radar certification of the 35 MPH speed limit.

Existing Traffic Devices

Pecan Park Lane is a 2-lane highway that is 24 to 30 feet wide. This segment of Rios Canyon Road is a 2-lane highway that is 24 to 36 feet wide. Both Pecan Park Lane and Rios Canyon Road are striped with a no passing centerline. Pecan Park Lane is posted with a bus stop. Rios Canyon Road is posted with a no outlet and school zone signage. Pecan Park Lane and Rios Canyon Road are both unclassified on the County General Plan Mobility Element Network. The roads are posted with a 35 MPH speed limit.

Average Daily Traffic Volumes 02/23

Pecan Park Lane:	
E/o Olde Highway 80	2,941
W/o Olde Highway 80	709
Rios Canyon Road:	
S/o Pecan Park Lane	3,479

<u>Speed Data</u>		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Pecan Park Lane:				
250' W/o Rios Canyon Road	(2023)	38.4 MPH	30-39	81.0%
Rios Canyon Road:				
150' S/o Kelli Lane	(2023)	40.6 MPH	31-40	73.0%

Speed Zone	(2023)	39.5 MPH	31-40	77.0%
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Collision Data

There have been 2 reported collisions, neither of which involved an injury, along this segment of roadway in a 3-year period (2020-01-01 to 2022-12-31). These collisions result in a segment accident rate of 0.94 collisions per million vehicle miles. The statewide average is 1.68 collisions per million vehicle miles for similar suburban, conventional 2 lanes or less, roads with speeds less than 45 MPH.

VOLUME

Pecan Park Ln 450' E/O Olde Hwy 80

Day: Tuesday
Date: 2/14/2023

City: Flinn Springs
Project #: CA23_040035_003

DAILY TOTALS					NB	SB	EB					WB	Total
					0	0	1,649					1,292	2,941
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL	
00:00			3	1	4		12:00			24	18	42	
00:15			3	2	5		12:15			24	15	39	
00:30			4	2	6		12:30			17	9	26	
00:45			0	10	0	5	12:45			14	79	14	56
												28	135
01:00			1	1	2		13:00			17	18	35	
01:15			0	0	0		13:15			21	17	38	
01:30			0	1	1		13:30			28	13	41	
01:45			1	2	0	2	13:45			23	89	16	64
												39	153
02:00			0	0	0		14:00			21	15	36	
02:15			1	1	2		14:15			40	22	62	
02:30			0	1	1		14:30			35	17	52	
02:45			1	2	0	2	14:45			47	143	19	73
												66	216
03:00			0	1	1		15:00			38	37	75	
03:15			1	2	3		15:15			43	30	73	
03:30			0	4	4		15:30			37	25	62	
03:45			0	1	2	9	15:45			43	161	19	111
												62	272
04:00			0	4	4		16:00			46	25	71	
04:15			0	5	5		16:15			50	24	74	
04:30			0	3	3		16:30			32	20	52	
04:45			1	1	11	23	16:45			39	167	22	91
												61	258
05:00			1	6	7		17:00			48	21	69	
05:15			1	15	16		17:15			43	23	66	
05:30			2	12	14		17:30			39	15	54	
05:45			3	7	17	50	17:45			25	155	17	76
												42	231
06:00			5	13	18		18:00			25	15	40	
06:15			12	18	30		18:15			22	18	40	
06:30			7	28	35		18:30			33	10	43	
06:45			9	33	25	84	18:45			22	102	11	54
												33	156
07:00			11	28	39		19:00			18	6	24	
07:15			16	31	47		19:15			24	7	31	
07:30			19	24	43		19:30			16	11	27	
07:45			25	71	21	104	19:45			16	74	6	30
												22	104
08:00			21	38	59		20:00			10	5	15	
08:15			40	26	66		20:15			19	7	26	
08:30			45	31	76		20:30			10	9	19	
08:45			65	171	48	143	20:45			14	53	7	28
												21	81
09:00			20	44	64		21:00			20	3	23	
09:15			15	26	41		21:15			14	4	18	
09:30			20	19	39		21:30			12	3	15	
09:45			14	69	22	111	21:45			12	58	3	13
												15	71
10:00			23	17	40		22:00			9	3	12	
10:15			19	12	31		22:15			9	2	11	
10:30			22	16	38		22:30			3	6	9	
10:45			21	85	18	63	22:45			6	27	6	17
												12	44
11:00			16	15	31		23:00			5	2	7	
11:15			21	20	41		23:15			5	1	6	
11:30			18	23	41		23:30			7	2	9	
11:45			15	70	19	77	23:45			2	19	1	6
												3	25
TOTALS			522	673	1195		TOTALS			1127	619	1746	
SPLIT %			43.7%	56.3%	40.6%		SPLIT %			64.5%	35.5%	59.4%	

DAILY TOTALS					NB	SB	EB					WB	Total
					0	0	1,649					1,292	2,941
AM Peak Hour			08:00	08:15	08:15		PM Peak Hour			15:30	14:45	14:45	
AM Pk Volume			171	149	319		PM Pk Volume			176	111	276	
Pk Hr Factor			0.658	0.776	0.706		Pk Hr Factor			0.880	0.750	0.920	
7 - 9 Volume	0	0	242	247	489		4 - 6 Volume	0	0	322	167	489	
7 - 9 Peak Hour			08:00	08:00	08:00		4 - 6 Peak Hour			16:15	16:00	16:00	
7 - 9 Pk Volume	0	0	171	143	314		4 - 6 Pk Volume	0	0	169	91	258	
Pk Hr Factor	0.000	0.000	0.658	0.745	0.695		Pk Hr Factor	0.000	0.000	0.845	0.910	0.872	

VOLUME

Pecan Park Ln 150' W/O Olde Hwy 80

Day: Tuesday

Date: 2/14/2023

City: Flinn Springs

Project #: CA23_040035_004

DAILY TOTALS					NB	SB	EB					WB	Total		
					0	0						542			167
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL			
00:00			0	0	0		12:00			7	2	9			
00:15			0	1	1		12:15			7	1	8			
00:30			0	0	0		12:30			5	1	6			
00:45			0	0	0	1	12:45			7	26	3	7	10	33
01:00			0	0	0		13:00			8	3	11			
01:15			0	0	0		13:15			8	2	10			
01:30			0	0	0		13:30			5	2	7			
01:45			0	0	0		13:45			10	31	4	11	14	42
02:00			0	0	0		14:00			7	2	9			
02:15			0	0	0		14:15			11	1	12			
02:30			0	0	0		14:30			6	2	8			
02:45			0	0	0		14:45			8	32	3	8	11	40
03:00			0	1	1		15:00			41	5	46			
03:15			1	0	1		15:15			6	7	13			
03:30			0	0	0		15:30			6	7	13			
03:45			0	1	0	1	15:45			12	65	14	33	26	98
04:00			0	0	0		16:00			15	8	23			
04:15			0	0	0		16:15			8	4	12			
04:30			0	0	0		16:30			9	3	12			
04:45			0	0	0		16:45			7	39	4	19	11	58
05:00			1	0	1		17:00			14	2	16			
05:15			1	0	1		17:15			8	1	9			
05:30			2	0	2		17:30			4	1	5			
05:45			4	8	4	8	17:45			17	43	1	5	18	48
06:00			3	0	3		18:00			5	2	7			
06:15			5	0	5		18:15			4	1	5			
06:30			5	1	6		18:30			1	0	1			
06:45			6	19	8	22	18:45			3	13	3	6	6	19
07:00			10	0	10		19:00			2	0	2			
07:15			18	1	19		19:15			1	1	2			
07:30			16	2	18		19:30			2	0	2			
07:45			14	58	18	65	19:45			5	10	1	2	6	12
08:00			16	4	20		20:00			3	1	4			
08:15			17	2	19		20:15			3	1	4			
08:30			24	8	32		20:30			1	0	1			
08:45			33	90	49	120	20:45			3	10	1	3	4	13
09:00			19	2	21		21:00			2	1	3			
09:15			4	3	7		21:15			1	0	1			
09:30			4	6	10		21:30			3	0	3			
09:45			4	31	4	42	21:45			1	7	0	1	1	8
10:00			9	1	10		22:00			0	1	1			
10:15			6	2	8		22:15			1	0	1			
10:30			8	4	12		22:30			1	0	1			
10:45			9	32	10	40	22:45			0	2	0	1	0	3
11:00			5	4	9		23:00			0	0	0			
11:15			7	2	9		23:15			0	0	0			
11:30			9	3	12		23:30			0	0	0			
11:45			3	24	3	33	23:45			1	1	1	1	2	2
TOTALS	263				70	333	TOTALS	279				97	376		
SPLIT %	79.0%				21.0%	47.0%	SPLIT %	74.2%				25.8%	53.0%		

DAILY TOTALS					NB	SB	EB					WB	Total				
					0	0	542					167	709				
AM Peak Hour			08:15	08:00	08:15		PM Peak Hour			14:15	15:15	15:00					
AM Pk Volume			93	30	121		PM Pk Volume			66	36	98					
Pk Hr Factor			0.705	0.469	0.617		Pk Hr Factor			0.402	0.643	0.533					
7 - 9 Volume	0	0	148	37	185		4 - 6 Volume	0	0	82	24	106					
7 - 9 Peak Hour			08:00	08:00	08:00		4 - 6 Peak Hour			17:00	16:00	16:00					
7 - 9 Pk Volume	0	0	90	30	120		4 - 6 Pk Volume	0	0	43	19	58					
Pk Hr Factor	0.000	0.000	0.682	0.469	0.612		Pk Hr Factor	0.000	0.000	0.632	0.594	0.630					

VOLUME

Rios Canyon Rd 320' S/O Pecan Park Ln

Day: Tuesday
Date: 2/14/2023

City: Flinn Springs
Project #: CA23_040035_005

DAILY TOTALS					NB	SB	EBWB					Total	
					1,716	1,763						0	0
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL	
00:00	0	2			2		12:00	24	23			47	
00:15	1	3			4		12:15	19	23			42	
00:30	0	4			4		12:30	16	18			34	
00:45	0	1	0	9	0	10	12:45	20	79	17	81	37	160
01:00	0	1			1		13:00	25	20			45	
01:15	1	0			1		13:15	22	21			43	
01:30	0	0			0		13:30	18	29			47	
01:45	0	1	0	1	0	2	13:45	25	90	27	97	52	187
02:00	1	1			2		14:00	22	22			44	
02:15	1	1			2		14:15	31	40			71	
02:30	1	1			2		14:30	24	37			61	
02:45	0	3	1	4	1	7	14:45	25	102	47	146	72	248
03:00	1	0			1		15:00	81	41			122	
03:15	3	2			5		15:15	34	49			83	
03:30	1	0			1		15:30	29	43			72	
03:45	2	7	0	2	2	9	15:45	29	173	55	188	84	361
04:00	3	0			3		16:00	38	50			88	
04:15	4	1			5		16:15	32	53			85	
04:30	3	0			3		16:30	33	37			70	
04:45	10	20	1	2	11	22	16:45	24	127	40	180	64	307
05:00	4	1			5		17:00	32	46			78	
05:15	13	1			14		17:15	29	45			74	
05:30	11	2			13		17:30	21	41			62	
05:45	13	41	2	6	15	47	17:45	32	114	24	156	56	270
06:00	16	4			20		18:00	16	26			42	
06:15	22	11			33		18:15	19	24			43	
06:30	31	9			40		18:30	6	34			40	
06:45	32	101	10	34	42	135	18:45	12	53	23	107	35	160
07:00	36	11			47		19:00	5	15			20	
07:15	53	16			69		19:15	4	22			26	
07:30	36	21			57		19:30	8	17			25	
07:45	35	160	28	76	63	236	19:45	8	25	16	70	24	95
08:00	54	25			79		20:00	5	10			15	
08:15	45	39			84		20:15	10	20			30	
08:30	60	58			118		20:30	7	9			16	
08:45	77	236	83	205	160	441	20:45	8	30	15	54	23	84
09:00	60	22			82		21:00	5	20			25	
09:15	26	18			44		21:15	5	14			19	
09:30	23	25			48		21:30	2	12			14	
09:45	28	137	16	81	44	218	21:45	3	15	9	55	12	70
10:00	24	23			47		22:00	2	10			12	
10:15	14	20			34		22:15	2	8			10	
10:30	25	27			52		22:30	3	3			6	
10:45	26	89	21	91	47	180	22:45	4	11	6	27	10	38
11:00	15	19			34		23:00	1	6			7	
11:15	28	22			50		23:15	2	2			4	
11:30	31	23			54		23:30	2	3			5	
11:45	22	96	15	79	37	175	23:45	0	5	1	12	1	17
TOTALS	892	590			1482		TOTALS	824	1173			1997	
SPLIT %	60.2%	39.8%			42.6%		SPLIT %	41.3%	58.7%			57.4%	

DAILY TOTALS					NB	SB	EB					WB	Total	
					1,716	1,763	0					0	3,479	
AM Peak Hour	08:15	08:00			08:15		PM Peak Hour	15:00	15:30			15:00		
AM Pk Volume	242	205			444		PM Pk Volume	173	201			361		
Pk Hr Factor	0.786	0.617			0.694		Pk Hr Factor	0.534	0.914			0.740		
7 - 9 Volume	396	281	0	0	677		4 - 6 Volume	241	336	0	0	577		
7 - 9 Peak Hour	08:00	08:00			08:00		4 - 6 Peak Hour	16:00	16:00			16:00		
7 - 9 Pk Volume	236	205	0	0	441		4 - 6 Pk Volume	127	180	0	0	307		
Pk Hr Factor	0.766	0.617	0.000	0.000	0.689		Pk Hr Factor	0.836	0.849	0.000	0.000	0.872		



RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name: Pecan Park Ln **From:** Olde Highway 80 (W intersection) **To:** Olde Highway 80 (E intersection)

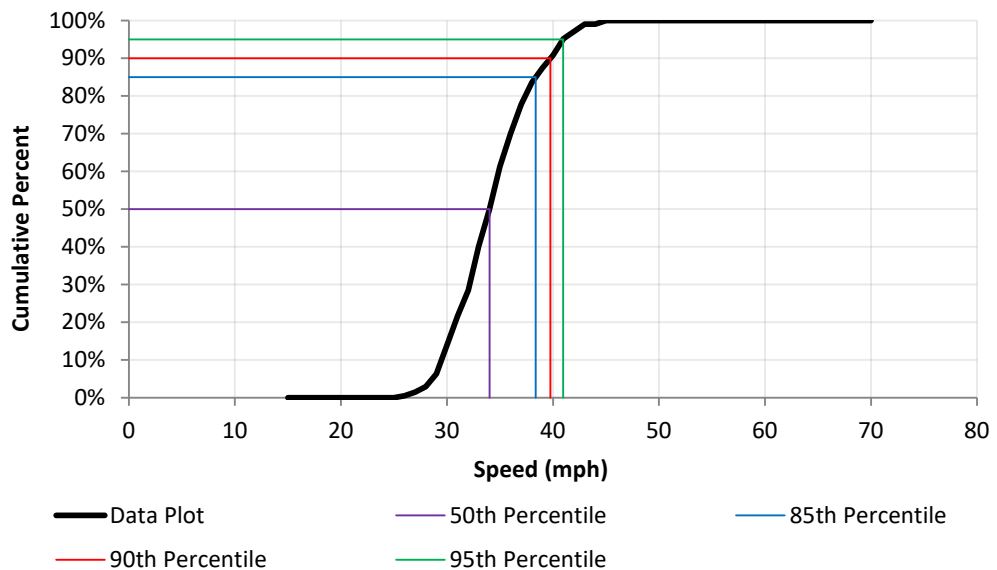
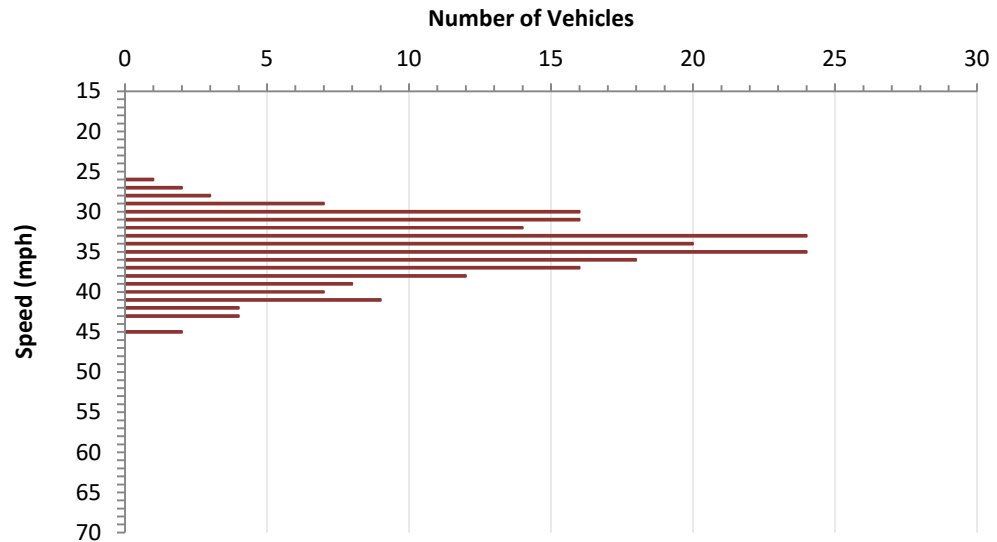
Position: 250' W/o Rios Canyon Rd **Direction:** EB/WB

Date: 2/15/2023 **Weather:** Clear **Project Number:** 23-040036-004

Time Start: 9:00 AM **Road Condition:** Dry **Observer:** Contractor

Time End: 11:00 AM **Posted Speed:** 55 MPH **Calibration Test:** Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26	1	0.5%
27	2	1.4%
28	3	2.9%
29	7	6.3%
30	16	14.0%
31	16	21.7%
32	14	28.5%
33	24	40.1%
34	20	49.8%
35	24	61.4%
36	18	70.0%
37	16	77.8%
38	12	83.6%
39	8	87.4%
40	7	90.8%
41	9	95.2%
42	4	97.1%
43	4	99.0%
44		
45	2	100.0%
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		
Total	207	



DATA ANALYSIS

Average Speed	34.7	Range	26 - 45
50th Percentile	34.0	10 mph Pace	30 - 39
85th Percentile	38.4	Number in Pace	168
90th Percentile	39.8	Percent in Pace	81%
95th Percentile	41.0		



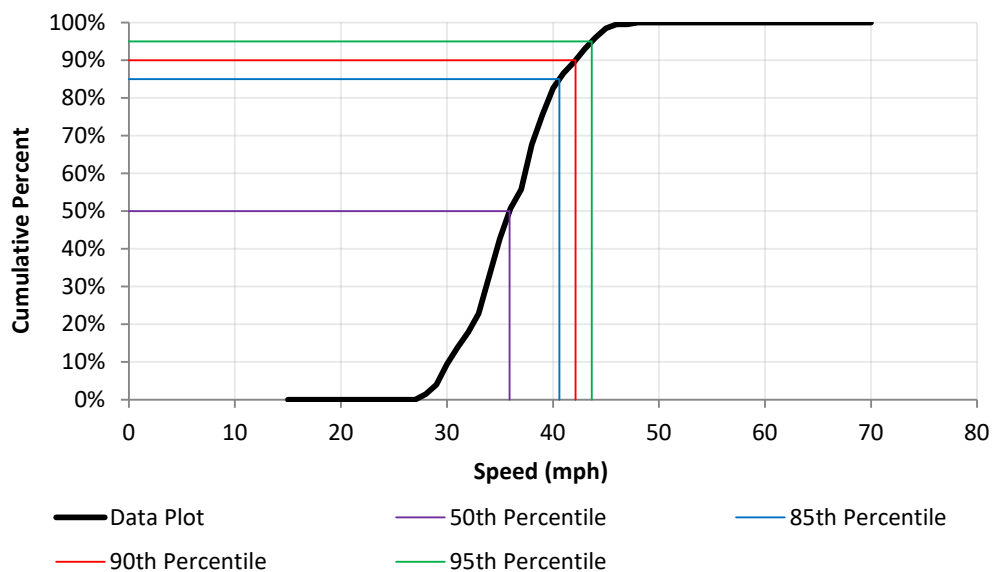
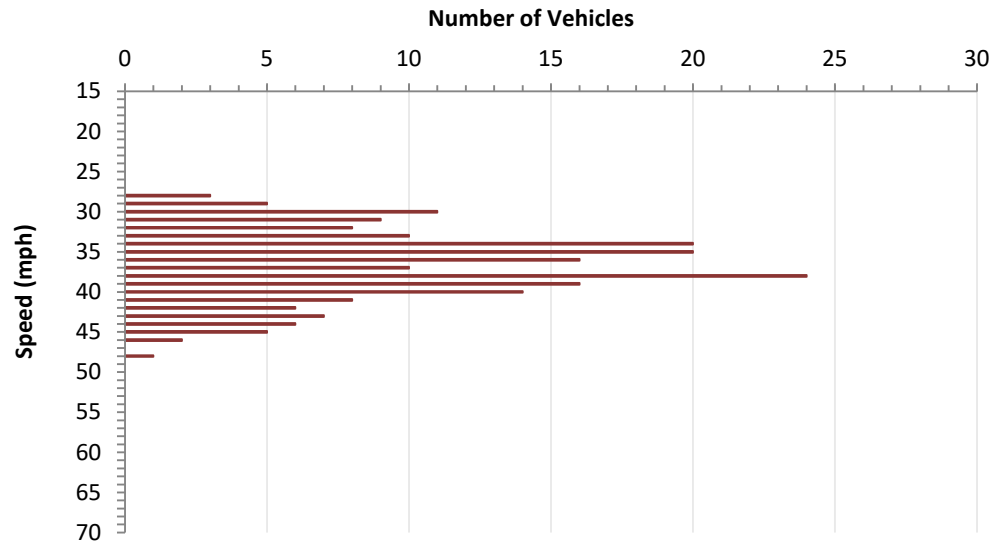
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Rios Canyon Rd	From:	Pecan Park Ln	To:	End County maintained road
Position:	150' S/o Kelli Ln	Direction:	EB/WB		

Date:	2/15/2023	Weather:	Clear	Project Number:	23-040036-005
Time Start:	11:00 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	1:00 PM	Posted Speed:	55 MPH	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28	3	1.5%
29	5	4.0%
30	11	9.5%
31	9	13.9%
32	8	17.9%
33	10	22.9%
34	20	32.8%
35	20	42.8%
36	16	50.7%
37	10	55.7%
38	24	67.7%
39	16	75.6%
40	14	82.6%
41	8	86.6%
42	6	89.6%
43	7	93.0%
44	6	96.0%
45	5	98.5%
46	2	99.5%
47		
48	1	100.0%
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	201	



DATA ANALYSIS

Average Speed	36.6	Range	28 - 48
50th Percentile	35.9	10 mph Pace	31 - 40
85th Percentile	40.6	Number in Pace	147
90th Percentile	42.1	Percent in Pace	73%
95th Percentile	43.7		

La Granada

Avenida de Acacias to Los Morros
1.50 miles



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: April 28, 2023

Item 3-A

SUPERVISORIAL DISTRICT: 3

SUBJECT: Radar Certification

LOCATION: La Granada from Avenida de Acacias to Los Morros (a distance of 1.50 miles) RANCHO SANTA FE (Thos. Bros. 1168-D3)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

La Granada from Avenida de Acacias to Los Morros is currently posted with a 45 MPH, radar enforced, speed limit. A preliminary review of prevailing speeds and roadway conditions could support radar certification of the 45 MPH speed limit.

Existing Traffic Devices

This segment of La Granada is a striped 2-lane through highway that is 32 to 36 feet wide. The roadway is striped with a no passing centerline and white edgeline creating a bike lane. The road is posted with school zone, fire station advisory, and multiple equestrian signs. La Granada is classified as a Light Collector on the County General Plan Mobility Element Network. The road is posted with a 45 MPH, radar enforced, speed limit.

Average Daily Traffic Volumes

La Granada:

W/o Mimosa Place

02/23

6,244

12/14

9,050

Speed Data

La Granada:

415' W/o Mimosa Place

(2023)

**85th
Percentile**

46.0 MPH

(2015)

48.4 MPH

**10 MPH
Pace**

37-46

40-49

**% in
Pace**

75.0%

74.0%

200' W/o Avenida Maravillas

(2023)

49.3 MPH

40-49

71.0%

Speed Zone

(2023)

47.7 MPH

39-48

73.0%

Collision Data

There have been 8 reported collisions, 3 of which involved an injury, along this segment of roadway in a 3-year period (2020-01-01 to 2022-12-31). These collisions result in a segment accident rate of 0.78 collisions per million vehicle miles. The statewide average is 1.68 collisions per million vehicle miles for similar suburban, conventional 2 lanes or

less, roads with speeds less than 45 MPH.

VOLUME

La Granada 75' W/O Mimosa Pl

Day: Tuesday
Date: 2/14/2023

City: Rancho Santa Fe
Project #: CA23_040035_007

DAILY TOTALS					NB	SB	EB					WB	Total	
					0	0						3,010	3,234	6,244
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL		
00:00			3	0	3		12:00			56	68	124		
00:15			0	0	0		12:15			53	60	113		
00:30			1	0	1		12:30			48	60	108		
00:45			0	4	1	1	12:45			57	214	63	251	
01:00			0	0	0		13:00			51	63	114		
01:15			0	0	0		13:15			67	64	131		
01:30			0	0	0		13:30			67	66	133		
01:45			0	0	0		13:45			66	251	67	260	
02:00			0	1	1		14:00			67	67	134		
02:15			0	0	0		14:15			65	58	123		
02:30			0	0	0		14:30			52	74	126		
02:45			1	1	0	1	14:45			56	240	59	258	
03:00			0	1	1		15:00			57	77	134		
03:15			0	0	0		15:15			75	89	164		
03:30			0	0	0		15:30			52	84	136		
03:45			0	0	0	1	15:45			61	245	97	347	
04:00			1	1	2		16:00			72	105	177		
04:15			1	0	1		16:15			64	82	146		
04:30			4	1	5		16:30			57	82	139		
04:45			3	9	5	7	16:45			62	255	88	357	
05:00			5	2	7		17:00			57	72	129		
05:15			6	5	11		17:15			51	74	125		
05:30			6	12	18		17:30			58	77	135		
05:45			9	26	4	23	17:45			47	213	75	298	
06:00			12	10	22		18:00			36	44	80		
06:15			15	15	30		18:15			42	37	79		
06:30			33	23	56		18:30			23	30	53		
06:45			41	101	25	73	18:45			27	128	22	133	
07:00			58	23	81		19:00			21	19	40		
07:15			57	38	95		19:15			18	20	38		
07:30			59	34	93		19:30			12	14	26		
07:45			50	224	66	161	19:45			7	58	20	73	
08:00			60	71	131		20:00			13	21	34		
08:15			81	66	147		20:15			16	13	29		
08:30			66	60	126		20:30			9	12	21		
08:45			75	282	44	241	20:45			7	45	17	63	
09:00			65	44	109		21:00			18	10	28		
09:15			63	55	118		21:15			6	5	11		
09:30			61	65	126		21:30			5	7	12		
09:45			59	248	50	214	21:45			5	34	2	24	
10:00			62	46	108		22:00			4	8	12		
10:15			53	47	100		22:15			5	5	10		
10:30			51	46	97		22:30			3	1	4		
10:45			49	215	52	191	22:45			3	15	3	17	
11:00			53	44	97		23:00			2	4	6		
11:15			55	58	113		23:15			2	3	5		
11:30			43	68	111		23:30			3	2	5		
11:45			43	194	57	227	23:45			1	8	4	13	
TOTALS	1304			1140	2444		TOTALS	1706			2094	3800		
SPLIT %	53.4%			46.6%	39.1%		SPLIT %	44.9%			55.1%	60.9%		

DAILY TOTALS					NB	SB	EB					WB	Total	
					0	0	3,010					3,234	6,244	
AM Peak Hour			08:15	07:45	08:00		PM Peak Hour			13:15	15:15	15:15		
AM Pk Volume			287	263	523		PM Pk Volume			267	375	635		
Pk Hr Factor			0.886	0.926	0.889		Pk Hr Factor			0.996	0.893	0.897		
7 - 9 Volume	0	0	506	402	908		4 - 6 Volume	0	0	468	655	1123		
7 - 9 Peak Hour			08:00	07:45	08:00		4 - 6 Peak Hour			16:00	16:00	16:00		
7 - 9 Pk Volume	0	0	282	263	523		4 - 6 Pk Volume	0	0	255	357	612		
Pk Hr Factor	0.000	0.000	0.870	0.926	0.889		Pk Hr Factor	0.000	0.000	0.885	0.850	0.864		



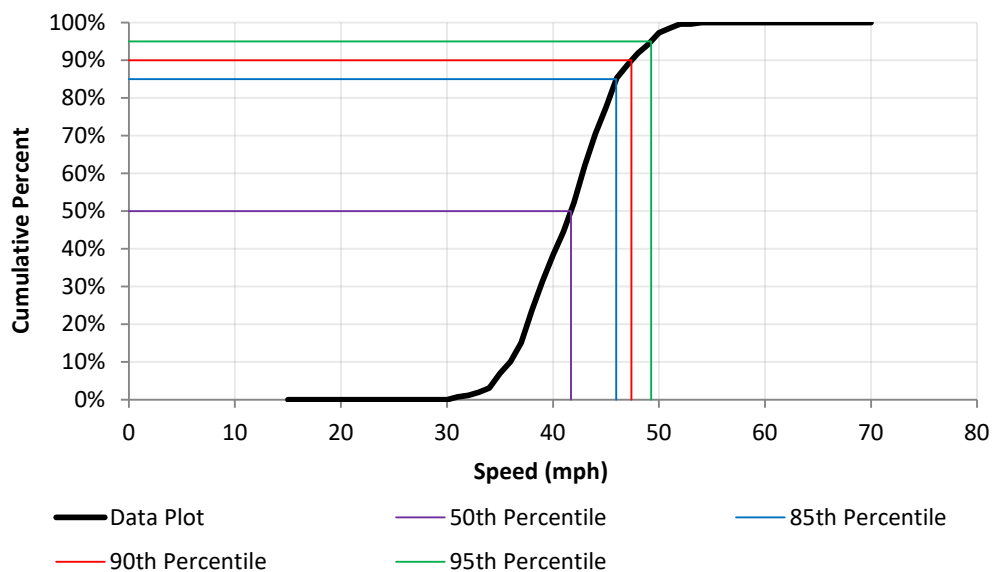
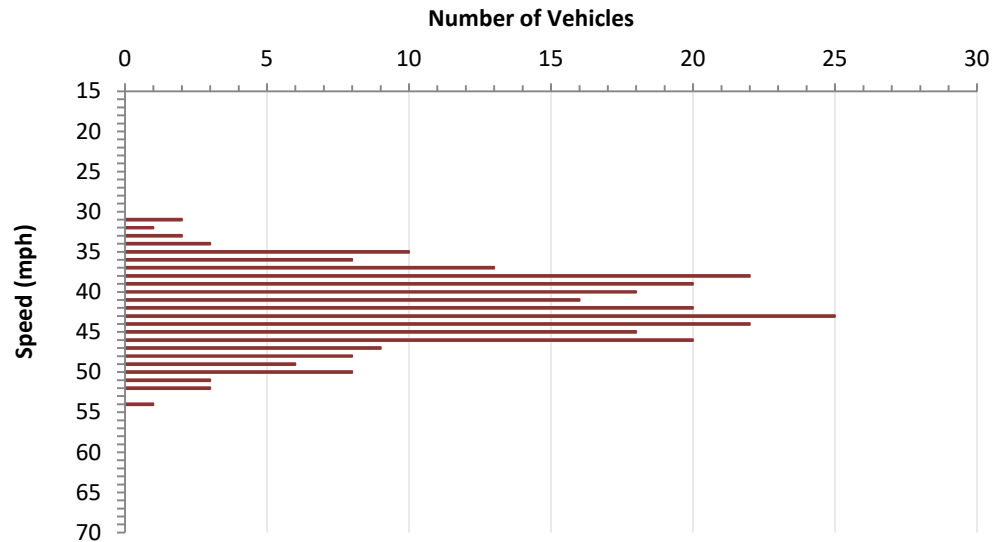
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	La Granada	From:	Avenida de Acacias	To:	Los Morros
Position:	415' W/o Mimosa Pl	Direction:	EB/WB		

Date:	3/2/2023	Weather:	Clear	Project Number:	N/A
Time Start:	11:27 AM	Road Condition:	Dry	Observer:	County
Time End:	12:27 PM	Posted Speed:	45 MPH	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31	2	0.8%
32	1	1.2%
33	2	1.9%
34	3	3.1%
35	10	7.0%
36	8	10.1%
37	13	15.1%
38	22	23.6%
39	20	31.4%
40	18	38.4%
41	16	44.6%
42	20	52.3%
43	25	62.0%
44	22	70.5%
45	18	77.5%
46	20	85.3%
47	9	88.8%
48	8	91.9%
49	6	94.2%
50	8	97.3%
51	3	98.4%
52	3	99.6%
53		
54	1	100.0%
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	258	



DATA ANALYSIS

Average Speed	42.1	Range	31 - 54
50th Percentile	41.7	10 mph Pace	37 - 46
85th Percentile	46.0	Number in Pace	194
90th Percentile	47.4	Percent in Pace	75%
95th Percentile	49.3		



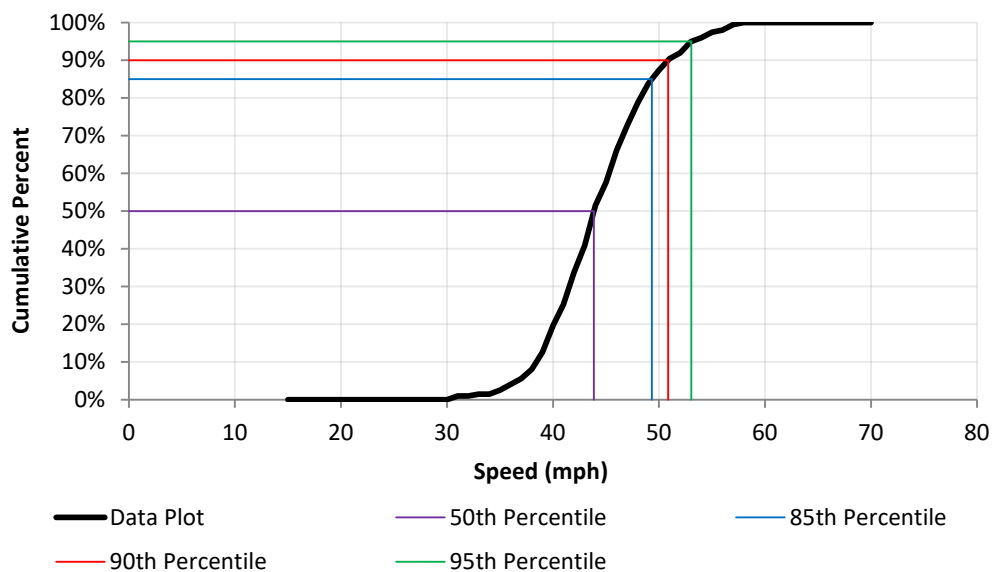
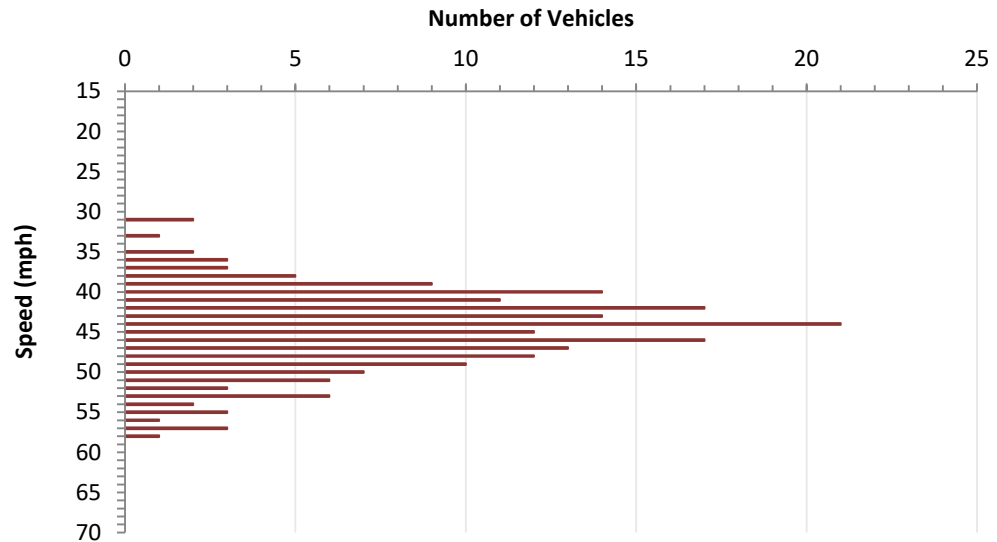
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	La Granada	From:	Avenida de Acacias	To:	Los Morros
Position:	200' W/o Avenida Maravillas			Direction:	EB/WB

Date:	3/2/2023	Weather:	Clear	Project Number:	N/A
Time Start:	10:20 AM	Road Condition:	Dry	Observer:	County
Time End:	11:20 AM	Posted Speed:	45 MPH	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31	2	1.0%
32		
33	1	1.5%
34		
35	2	2.5%
36	3	4.0%
37	3	5.6%
38	5	8.1%
39	9	12.6%
40	14	19.7%
41	11	25.3%
42	17	33.8%
43	14	40.9%
44	21	51.5%
45	12	57.6%
46	17	66.2%
47	13	72.7%
48	12	78.8%
49	10	83.8%
50	7	87.4%
51	6	90.4%
52	3	91.9%
53	6	94.9%
54	2	96.0%
55	3	97.5%
56	1	98.0%
57	3	99.5%
58	1	100.0%
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	198	

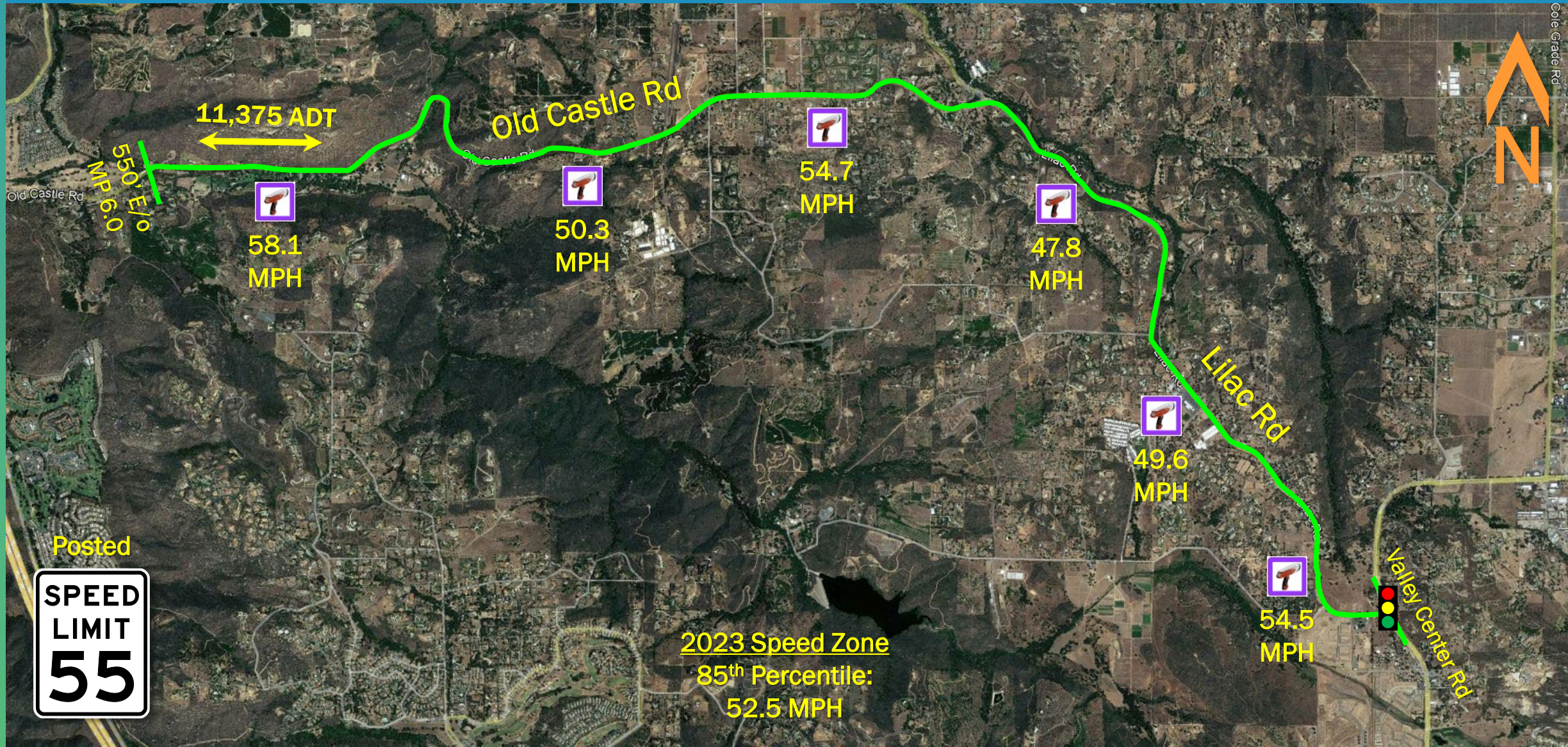


DATA ANALYSIS

Average Speed	44.8	Range	31 - 58
50th Percentile	43.9	10 mph Pace	40 - 49
85th Percentile	49.3	Number in Pace	141
90th Percentile	50.9	Percent in Pace	71%
95th Percentile	53.1		

Lilac Road/Old Castle Road

Valley Center Road to 550' east of Mile Post 6.0
7.62 miles



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: April 28, 2023

Item 5-A

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Certification

LOCATION: Lilac Road/ Old Castle Road from Valley Center Road to 550' east of Mile Post 6.0 (a distance of 7.62 miles)
VALLEY CENTER (Thos. Bros. 1090-E3)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

Lilac Road/ Old Castle Road from Valley Center Road to 550' east of Mile Post 6.0 is currently posted with a 55 MPH speed limit. A preliminary review of prevailing speeds and roadway conditions could support radar certification of a 50 MPH speed limit.

Existing Traffic Devices

Lilac Road is a striped 2-lane through highway that is 24 to 62 feet wide. The roadway is striped with passing and no passing centerline, two-way left turn lane, turn pockets at various intersections and edgelines throughout. The road is posted with school zone, fire station advisory and curve advisory signage. Lilac Road from Valley Center Road to Anthony Road is classified as a Boulevard on the County General Plan Mobility Element Network. Lilac Road from Anthony Road to Old Castle Road is classified as a Community Collector on the County General Plan Mobility Element Network. The road is posted with a 55 MPH speed limit.

Old Castle Road is a striped 2-lane through highway that is 26 to 40 feet wide. The roadway is striped with a no passing centerline and edgelines. The road is posted with campground, bus stops, curve, equestrian, conventional airport, rockslide advisory and multiple intersection advisory signage. Old Castle Road from Lilac Road to 550' east of Mile Post 6.0 is classified as a Light Collector on the County General Plan Mobility Element Network. The road is posted with a 55 MPH speed limit.

Average Daily Traffic Volumes

	<u>02/23</u>	<u>08/13</u>
Lilac Road:		
200' W/o Betsworth Road	10,549	9,748
300' E/o Old Castle Road	8,682	
Old Castle Road:		
320' W/o Lilac Road	6,997	

585' E/o Cedar Trails Road 7,140

<u>Speed Data</u>		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Lilac Road:				
230' S/o Hunza Hill Court	(2023)	54.5 MPH	46-55	74.0%
350' N/o Hideaway Lake Road	(2023)	49.6 MPH	40-49	65.0%
300' W/o Roble Verde	(2023)	47.8 MPH	40-49	69.0%
Old Castle Road:				
At Old Castle Way	(2023)	54.7 MPH	45-54	69.0%
150' E/o Castleridge Road	(2023)	50.3 MPH	42-51	66.0%
1,360' W/o Mile Post 7.0	(2023)	58.1 MPH	47-56	71.0%
Speed Zone	(2023)	52.5 MPH	43-52	69.0%

Collision Data

There have been 62 reported collisions, 2 of which involved a fatality, 39 of which involved an injury, along this segment of roadway in a 3-year period (2020-01-01 to 2022-12-31). These collisions result in a segment accident rate of 0.89 collisions per million vehicle miles. The statewide average is 1.09 collisions per million vehicle miles for similar rural, flat, conventional 2 lanes or less, with speeds less than or equal to 55 MPH.

VOLUME

Lilac Rd 200' W/O Betsworth Rd

Day: Tuesday

Date: 2/14/2023

City: Valley Center

Project #: CA23_040035_012

DAILY TOTALS					NB	SB	EB					WB	Total	
					0	0						5,228	5,321	10,549
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL		
00:00			6	9	15		12:00			64	62	126		
00:15			3	9	12		12:15			74	74	148		
00:30			4	4	8		12:30			85	80	165		
00:45			3	16	13	35	12:45			60	283	77	293	
01:00			5	5	10		13:00			60	83	143		
01:15			1	5	6		13:15			74	72	146		
01:30			4	6	10		13:30			63	94	157		
01:45			0	10	7	23	13:45			110	307	83	332	
02:00			5	4	9		14:00			88	83	171		
02:15			0	10	10		14:15			102	114	216		
02:30			5	3	8		14:30			92	83	175		
02:45			1	11	7	24	14:45			87	369	111	391	
03:00			1	7	8		15:00			75	129	204		
03:15			4	5	9		15:15			86	124	210		
03:30			0	6	6		15:30			116	113	229		
03:45			6	11	6	24	15:45			121	398	113	479	
04:00			2	8	10		16:00			101	104	205		
04:15			10	15	25		16:15			98	104	202		
04:30			7	10	17		16:30			101	133	234		
04:45			12	31	11	44	16:45			99	399	101	442	
05:00			18	19	37		17:00			108	128	236		
05:15			25	26	51		17:15			104	120	224		
05:30			41	40	81		17:30			85	93	178		
05:45			50	134	29	114	17:45			75	372	96	437	
06:00			71	42	113		18:00			93	97	190		
06:15			78	52	130		18:15			74	67	141		
06:30			87	62	149		18:30			69	73	142		
06:45			125	361	65	221	18:45			43	279	45	282	
07:00			135	81	216		19:00			46	47	93		
07:15			134	95	229		19:15			58	37	95		
07:30			103	109	212		19:30			33	46	79		
07:45			112	484	119	404	19:45			25	162	59	189	
08:00			124	93	217		20:00			36	44	80		
08:15			104	106	210		20:15			27	41	68		
08:30			74	93	167		20:30			25	51	76		
08:45			59	361	62	354	20:45			32	120	36	172	
09:00			63	66	129		21:00			30	47	77		
09:15			97	55	152		21:15			30	37	67		
09:30			73	63	136		21:30			22	31	53		
09:45			97	330	56	240	21:45			17	99	32	147	
10:00			86	61	147		22:00			14	27	41		
10:15			81	59	140		22:15			19	32	51		
10:30			71	68	139		22:30			12	22	34		
10:45			61	299	57	245	22:45			7	52	14	95	
11:00			90	65	155		23:00			9	23	32		
11:15			85	63	148		23:15			10	17	27		
11:30			64	58	122		23:30			7	24	31		
11:45			70	309	71	257	23:45			5	31	13	77	
TOTALS	2357				1985	4342	TOTALS	2871				3336	6207	
SPLIT %	54.3%				45.7%	41.2%	SPLIT %	46.3%				53.7%	58.8%	

DAILY TOTALS					NB	SB	EB					WB	Total	
					0	0	5,228					5,321	10,549	
AM Peak Hour			06:45	07:30	07:15		PM Peak Hour			15:30	16:30	16:30		
AM Pk Volume			497	427	889		PM Pk Volume			436	482	894		
Pk Hr Factor			0.920	0.897	0.962		Pk Hr Factor			0.901	0.906	0.947		
7 - 9 Volume	0	0	845	758	1603		4 - 6 Volume	0	0	771	879	1650		
7 - 9 Peak Hour			07:00	07:30	07:15		4 - 6 Peak Hour			16:30	16:30	16:30		
7 - 9 Pk Volume	0	0	484	427	889		4 - 6 Pk Volume	0	0	412	482	894		
Pk Hr Factor	0.000	0.000	0.896	0.897	0.962		Pk Hr Factor	0.000	0.000	0.954	0.906	0.947		

VOLUME

Lilac Rd 300' E/O Old Castle Rd

Day: Tuesday
Date: 2/14/2023

City: Valley Center
Project #: CA23_040035_011

DAILY TOTALS					NB	SB	EB					WB	Total	
					0	0						4,175	4,507	8,682
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL		
00:00			5	6	11		12:00			45	60	105		
00:15			3	6	9		12:15			62	48	110		
00:30			5	3	8		12:30			68	67	135		
00:45			7	20	10	25	12:45			54	229	53	228	
01:00			2	2	4		13:00			48	59	107		
01:15			3	8	11		13:15			55	66	121		
01:30			4	4	8		13:30			50	71	121		
01:45			1	10	6	20	13:45			64	217	82	278	
02:00			1	4	5		14:00			66	67	133		
02:15			1	9	10		14:15			89	87	176		
02:30			3	3	6		14:30			78	76	154		
02:45			1	6	5	21	14:45			63	296	73	303	
03:00			1	4	5		15:00			73	81	154		
03:15			3	5	8		15:15			111	76	187		
03:30			1	7	8		15:30			80	108	188		
03:45			1	6	9	25	15:45			103	367	102	367	
04:00			2	7	9		16:00			87	91	178		
04:15			4	14	18		16:15			85	90	175		
04:30			5	9	14		16:30			108	88	196		
04:45			5	16	18	43	16:45			90	370	80	349	
05:00			13	20	33		17:00			90	83	173		
05:15			20	23	43		17:15			97	106	203		
05:30			24	34	58		17:30			85	76	161		
05:45			47	104	41	118	17:45			82	354	74	339	
06:00			42	44	86		18:00			72	70	142		
06:15			55	55	110		18:15			54	55	109		
06:30			81	69	150		18:30			42	48	90		
06:45			111	289	60	228	18:45			28	196	31	204	
07:00			124	79	203		19:00			23	32	55		
07:15			86	101	187		19:15			32	36	68		
07:30			101	108	209		19:30			18	30	48		
07:45			105	416	115	403	19:45			24	97	44	142	
08:00			107	86	193		20:00			22	32	54		
08:15			84	96	180		20:15			14	39	53		
08:30			46	89	135		20:30			22	31	53		
08:45			44	281	84	355	20:45			14	72	38	140	
09:00			73	48	121		21:00			12	37	49		
09:15			66	64	130		21:15			15	24	39		
09:30			61	48	109		21:30			12	35	47		
09:45			77	277	55	215	21:45			9	48	26	122	
10:00			52	53	105		22:00			11	27	38		
10:15			69	45	114		22:15			19	19	38		
10:30			48	35	83		22:30			7	27	34		
10:45			61	230	67	200	22:45			4	41	10	83	
11:00			40	65	105		23:00			7	16	23		
11:15			63	87	150		23:15			3	13	16		
11:30			57	44	101		23:30			4	22	26		
11:45			58	218	41	237	23:45			1	15	11	62	
TOTALS			1873	1890	3763		TOTALS			2302	2617	4919		
SPLIT %			49.8%	50.2%	43.3%		SPLIT %			46.8%	53.2%	56.7%		

DAILY TOTALS					NB	SB	EB					WB	Total	
					0	0	4,175					4,507	8,682	
AM Peak Hour			06:45	07:15	07:00		PM Peak Hour			16:30	15:30	15:15		
AM Pk Volume			422	410	819		PM Pk Volume			385	391	758		
Pk Hr Factor			0.851	0.891	0.931		Pk Hr Factor			0.891	0.905	0.924		
7 - 9 Volume	0	0	697	758	1455		4 - 6 Volume	0	0	724	688	1412		
7 - 9 Peak Hour			07:00	07:15	07:00		4 - 6 Peak Hour			16:30	16:30	16:30		
7 - 9 Pk Volume	0	0	416	410	819		4 - 6 Pk Volume	0	0	385	357	742		
Pk Hr Factor	0.000	0.000	0.839	0.891	0.931		Pk Hr Factor	0.000	0.000	0.891	0.842	0.914		

VOLUME

Old Castle Rd 320' W/O Lilac Rd

Day: Tuesday

Date: 2/14/2023

City: Valley Center

Project #: CA23_040035_010

DAILY TOTALS					NB	SB	EB					WB	Total	
					0	0						3,463	3,534	6,997
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL		
00:00			4	5	9		12:00			37	45	82		
00:15			4	6	10		12:15			47	39	86		
00:30			5	3	8		12:30			51	52	103		
00:45			5	18	9	23	12:45			45	180	44	180	
01:00			2	2	4		13:00			37	49	86		
01:15			2	9	11		13:15			48	51	99		
01:30			3	3	6		13:30			45	42	87		
01:45			1	8	6	20	13:45			55	185	54	196	
02:00			3	3	6		14:00			49	61	110		
02:15			1	7	8		14:15			59	72	131		
02:30			3	3	6		14:30			53	70	123		
02:45			2	9	6	19	14:45			50	211	52	255	
03:00			1	4	5		15:00			59	58	117		
03:15			1	5	6		15:15			59	62	121		
03:30			0	5	5		15:30			61	86	147		
03:45			3	5	10	24	15:45			81	260	65	271	
04:00			2	6	8		16:00			68	70	138		
04:15			5	15	20		16:15			63	59	122		
04:30			3	14	17		16:30			92	63	155		
04:45			4	14	18	63	16:45			87	310	56	248	
05:00			15	23	38		17:00			87	58	145		
05:15			13	25	38		17:15			77	68	145		
05:30			14	44	58		17:30			91	49	140		
05:45			37	79	40	132	17:45			78	333	44	219	
06:00			35	39	74		18:00			73	44	117		
06:15			40	60	100		18:15			70	38	108		
06:30			65	67	132		18:30			63	34	97		
06:45			80	220	55	221	18:45			35	241	19	135	
07:00			74	73	147		19:00			27	26	53		
07:15			57	85	142		19:15			38	28	66		
07:30			71	99	170		19:30			33	21	54		
07:45			75	277	84	341	19:45			40	138	21	96	
08:00			66	72	138		20:00			22	20	42		
08:15			49	78	127		20:15			22	26	48		
08:30			41	60	101		20:30			31	24	55		
08:45			34	190	62	272	20:45			22	97	27	97	
09:00			37	38	75		21:00			27	25	52		
09:15			32	57	89		21:15			25	14	39		
09:30			40	39	79		21:30			18	25	43		
09:45			57	166	36	170	21:45			12	82	17	81	
10:00			38	49	87		22:00			15	20	35		
10:15			54	43	97		22:15			21	13	34		
10:30			36	40	76		22:30			13	21	34		
10:45			49	177	54	186	22:45			5	54	11	65	
11:00			41	51	92		23:00			13	9	22		
11:15			46	68	114		23:15			8	11	19		
11:30			44	34	78		23:30			12	19	31		
11:45			41	172	33	186	23:45			4	37	9	48	
TOTALS	1335				1643	2978	TOTALS	2128				1891	4019	
SPLIT %	44.8%				55.2%	42.6%	SPLIT %	52.9%				47.1%	57.4%	

DAILY TOTALS					NB	SB	EB					WB	Total	
					0	0	3,463					3,534	6,997	

AM Peak Hour			06:45	07:00	07:00	PM Peak Hour			16:30	15:15	16:30
AM Pk Volume			282	341	618	PM Pk Volume			343	283	588
Pk Hr Factor			0.881	0.861	0.909	Pk Hr Factor			0.932	0.823	0.948
7 - 9 Volume	0	0	467	613	1080	4 - 6 Volume	0	0	643	467	1110
7 - 9 Peak Hour			07:00	07:00	07:00	4 - 6 Peak Hour			16:30	16:00	16:30
7 - 9 Pk Volume	0	0	277	341	618	4 - 6 Pk Volume	0	0	343	248	588
Pk Hr Factor	0.000	0.000	0.923	0.861	0.909	Pk Hr Factor	0.000	0.000	0.932	0.886	0.948

VOLUME

Old Castle Rd 585' E/O Cedar Trails Rd

Day: Wednesday
Date: 2/22/2023

City: Valley Center
Project #: CA23_040035_009

DAILY TOTALS					NB	SB	EB					WB	Total		
					0	0						3,668			3,472
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL			
00:00			10	7	17		12:00			50	41	91			
00:15			4	5	9		12:15			46	44	90			
00:30			5	4	9		12:30			51	52	103			
00:45			4	23	4	20	12:45			47	194	46	183	93	377
01:00			5	3	8		13:00			47	45	92			
01:15			4	5	9		13:15			41	55	96			
01:30			3	1	4		13:30			48	45	93			
01:45			2	14	4	13	13:45			49	185	49	194	98	379
02:00			5	3	8		14:00			53	55	108			
02:15			0	4	4		14:15			56	57	113			
02:30			3	3	6		14:30			50	66	116			
02:45			2	10	7	17	14:45			70	229	63	241	133	470
03:00			4	5	9		15:00			75	60	135			
03:15			0	4	4		15:15			68	54	122			
03:30			3	7	10		15:30			76	66	142			
03:45			3	10	6	22	15:45			88	307	72	252	160	559
04:00			2	6	8		16:00			98	64	162			
04:15			4	12	16		16:15			102	48	150			
04:30			3	19	22		16:30			93	47	140			
04:45			11	20	18	55	16:45			91	384	75	234	166	618
05:00			8	24	32		17:00			89	55	144			
05:15			10	31	41		17:15			98	51	149			
05:30			18	40	58		17:30			85	46	131			
05:45			31	67	49	144	17:45			73	345	36	188	109	533
06:00			46	41	87		18:00			79	40	119			
06:15			45	53	98		18:15			61	33	94			
06:30			56	65	121		18:30			66	29	95			
06:45			63	210	52	211	18:45			46	252	25	127	71	379
07:00			66	82	148		19:00			54	19	73			
07:15			46	128	174		19:15			37	22	59			
07:30			51	105	156		19:30			36	15	51			
07:45			58	221	78	393	19:45			36	163	16	72	52	235
08:00			44	68	112		20:00			22	16	38			
08:15			38	72	110		20:15			32	21	53			
08:30			38	61	99		20:30			36	15	51			
08:45			40	160	63	264	20:45			23	113	19	71	42	184
09:00			43	54	97		21:00			30	15	45			
09:15			62	59	121		21:15			32	14	46			
09:30			45	49	94		21:30			18	22	40			
09:45			42	192	44	206	21:45			16	96	20	71	36	167
10:00			45	57	102		22:00			13	13	26			
10:15			42	55	97		22:15			19	16	35			
10:30			41	49	90		22:30			12	15	27			
10:45			42	170	47	208	22:45			18	62	11	55	29	117
11:00			53	49	102		23:00			11	8	19			
11:15			44	46	90		23:15			10	9	19			
11:30			52	45	97		23:30			6	12	18			
11:45			61	210	52	192	23:45			4	31	10	39	14	70
TOTALS	1307				1745	3052	TOTALS	2361				1727	4088		
SPLIT %	42.8%				57.2%	42.7%	SPLIT %	57.8%				42.2%	57.3%		

DAILY TOTALS					NB	SB	EB					WB	Total				
					0	0	3,668					3,472	7,140				
AM Peak Hour			06:30	07:00	07:00		PM Peak Hour			16:00	15:15	16:00					
AM Pk Volume			231	393	614		PM Pk Volume			384	256	618					
Pk Hr Factor			0.875	0.768	0.882		Pk Hr Factor			0.941	0.889	0.931					
7 - 9 Volume	0	0	381	657	1038		4 - 6 Volume	0	0	729	422	1151					
7 - 9 Peak Hour			07:00	07:00	07:00		4 - 6 Peak Hour			16:00	16:00	16:00					
7 - 9 Pk Volume	0	0	221	393	614		4 - 6 Pk Volume	0	0	384	234	618					
Pk Hr Factor	0.000	0.000	0.837	0.768	0.882		Pk Hr Factor	0.000	0.000	0.941	0.780	0.931					



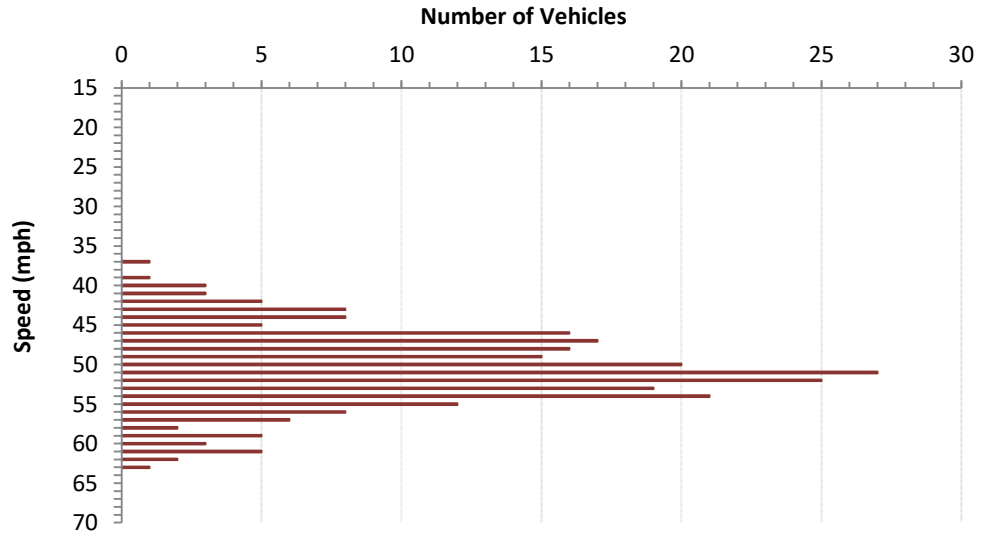
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

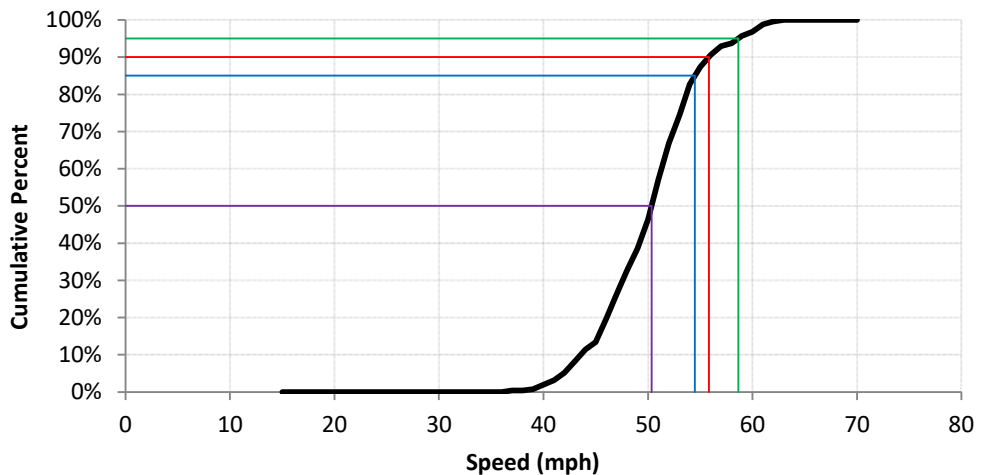
Road Name:	Lilac Rd	From:	Old Castle Rd	To:	Valley Center Rd
Position:	230' S/o Hunza Hill Ct	Direction:	EB/WB		

Date:	2/21/2023	Weather:	Clear	Project Number:	23-040036-014
Time Start:	9:02 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	11:02 AM	Posted Speed:	55 MPH	Calibration Test:	Y

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	1	0.4%
38		
39	1	0.8%
40	3	2.0%
41	3	3.1%
42	5	5.1%
43	8	8.3%
44	8	11.4%
45	5	13.4%
46	16	19.7%
47	17	26.4%
48	16	32.7%
49	15	38.6%
50	20	46.5%
51	27	57.1%
52	25	66.9%
53	19	74.4%
54	21	82.7%
55	12	87.4%
56	8	90.6%
57	6	92.9%
58	2	93.7%
59	5	95.7%
60	3	96.9%
61	5	98.8%
62	2	99.6%
63	1	100.0%



DATA ANALYSIS

Average Speed	50.5	Range	37 - 63
50th Percentile	50.3	10 mph Pace	46 - 55
85th Percentile	54.5	Number in Pace	188
90th Percentile	55.8	Percent in Pace	74%
95th Percentile	58.7		
Total	254		



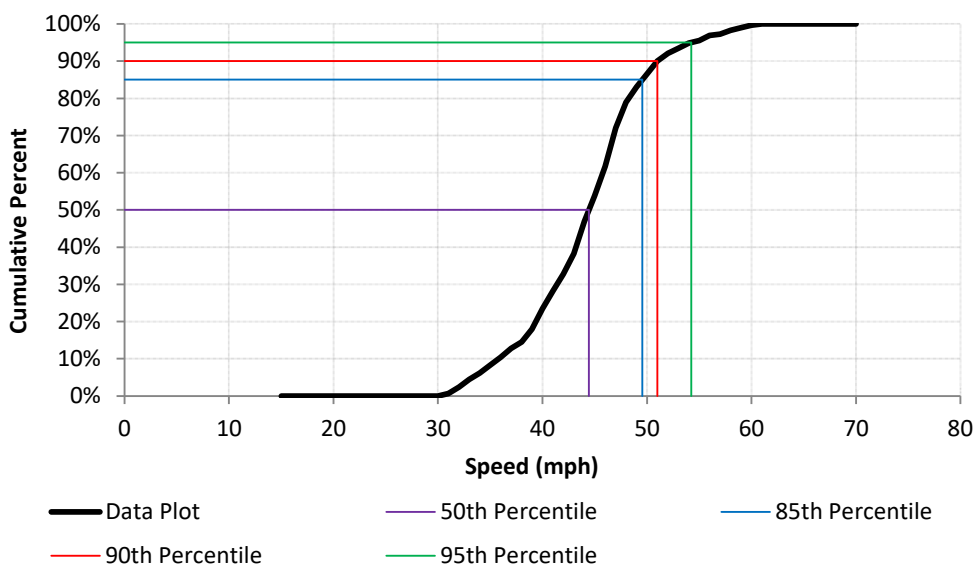
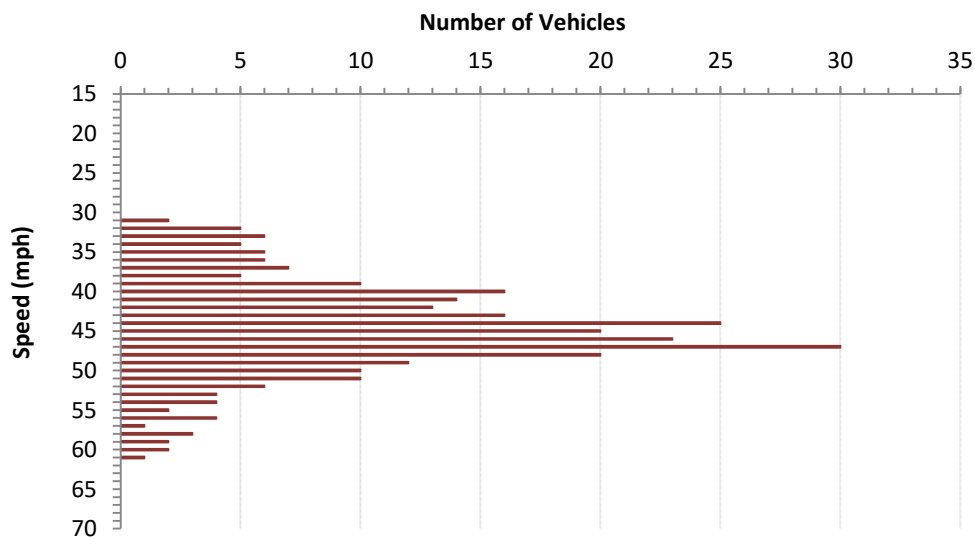
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Lilac Rd	From:	Old Castle Rd	To:	Valley Center Rd
Position:	350' N/o Hideaway Lake Rd	Direction:	EB/WB		

Date:	2/21/2023	Weather:	Clear	Project Number:	23-040036-013
Time Start:	10:09 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	12:09 PM	Posted Speed:	55 MPH	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31	2	0.7%
32	5	2.4%
33	6	4.5%
34	5	6.2%
35	6	8.3%
36	6	10.3%
37	7	12.8%
38	5	14.5%
39	10	17.9%
40	16	23.4%
41	14	28.3%
42	13	32.8%
43	16	38.3%
44	25	46.9%
45	20	53.8%
46	23	61.7%
47	30	72.1%
48	20	79.0%
49	12	83.1%
50	10	86.6%
51	10	90.0%
52	6	92.1%
53	4	93.4%
54	4	94.8%
55	2	95.5%
56	4	96.9%
57	1	97.2%
58	3	98.3%
59	2	99.0%
60	2	99.7%
61	1	100.0%
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	290	



DATA ANALYSIS

62				
63				
64		Average Speed	44.6	Range 31 - 61
65		50th Percentile	44.5	10 mph Pace 40 - 49
66		85th Percentile	49.6	Number in Pace 189
67		90th Percentile	51.0	Percent in Pace 65%
68		95th Percentile	54.3	
69				
70				



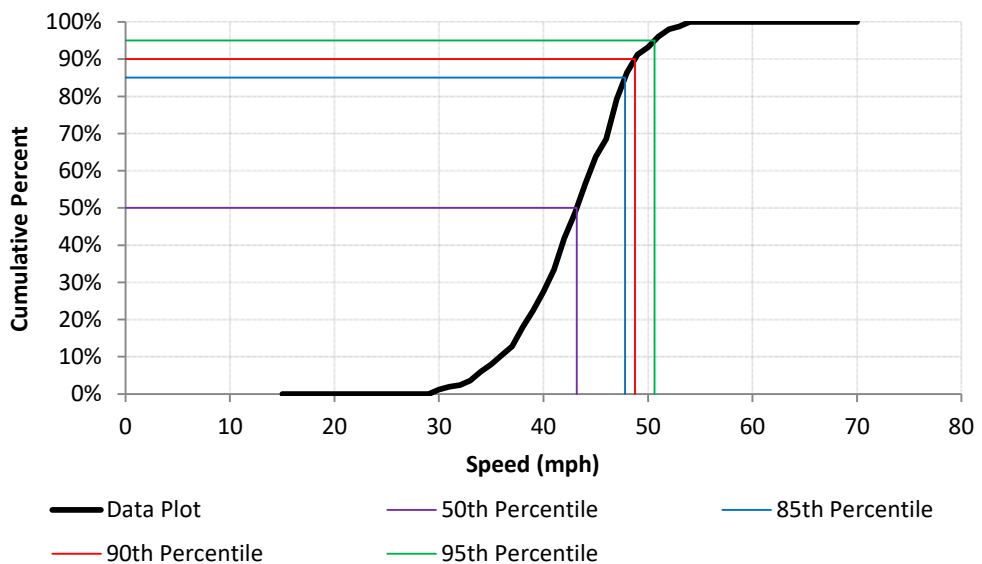
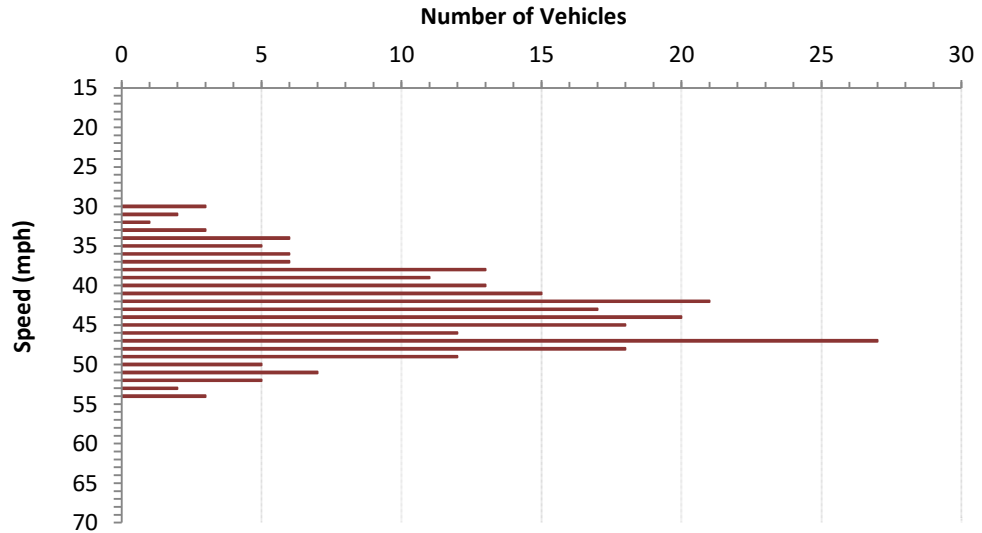
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Lilac Rd	From:	Old Castle Rd	To:	Valley Center Rd
Position:	300' W/o Roble Verde	Direction:	EB/WB		

Date:	2/21/2023	Weather:	Clear	Project Number:	23-040036-012
Time Start:	12:15 PM	Road Condition:	Dry	Observer:	Contractor
Time End:	2:15 PM	Posted Speed:	55 MPH	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30	3	1.2%
31	2	2.0%
32	1	2.4%
33	3	3.6%
34	6	6.0%
35	5	8.0%
36	6	10.4%
37	6	12.7%
38	13	17.9%
39	11	22.3%
40	13	27.5%
41	15	33.5%
42	21	41.8%
43	17	48.6%
44	20	56.6%
45	18	63.7%
46	12	68.5%
47	27	79.3%
48	18	86.5%
49	12	91.2%
50	5	93.2%
51	7	96.0%
52	5	98.0%
53	2	98.8%
54	3	100.0%
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	251	



DATA ANALYSIS

Average Speed	43.3	Range	30 - 54
50th Percentile	43.2	10 mph Pace	40 - 49
85th Percentile	47.8	Number in Pace	173
90th Percentile	48.7	Percent in Pace	69%
95th Percentile	50.6		



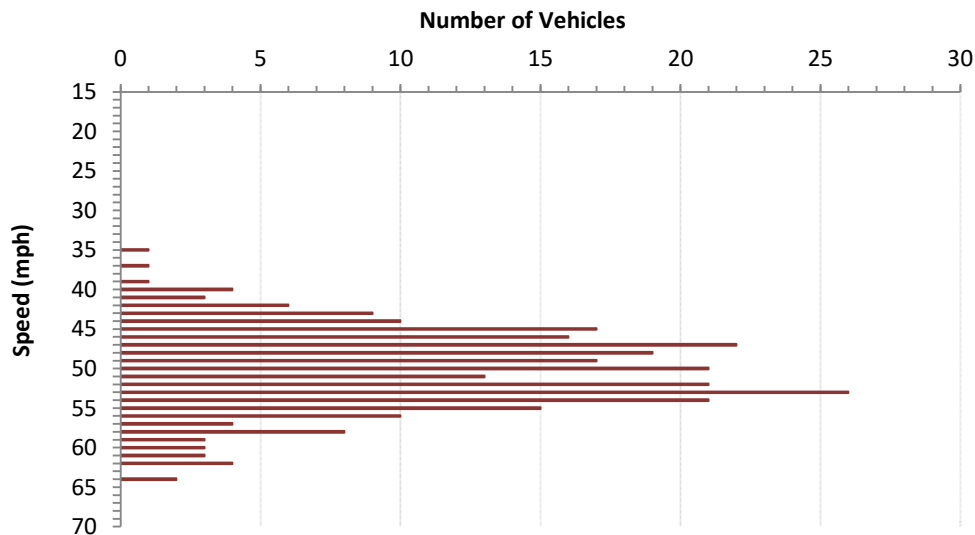
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

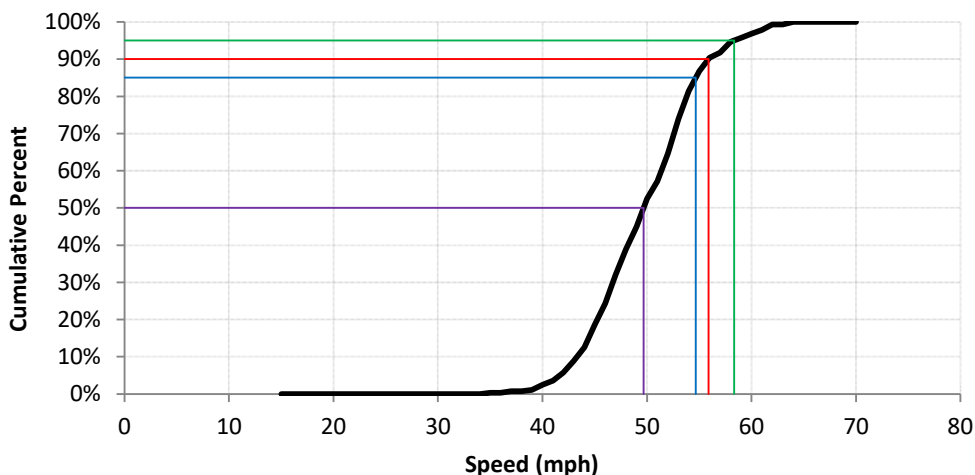
Road Name:	Old Castle Rd	From:	Lilac Rd	To:	550' E/o MP 6.0
Position:	@ Old Castle Wy	Direction:	EB/WB		

Date:	2/21/2023	Weather:	Clear	Project Number:	23-040036-011
Time Start:	2:21 PM	Road Condition:	Dry	Observer:	Contractor
Time End:	4:00 PM	Posted Speed:	55 MPH	Calibration Test:	Y

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	1	0.4%



36		
37	1	0.7%
38		
39	1	1.1%
40	4	2.5%
41	3	3.6%
42	6	5.7%
43	9	8.9%
44	10	12.5%
45	17	18.6%
46	16	24.3%
47	22	32.1%
48	19	38.9%
49	17	45.0%
50	21	52.5%
51	13	57.1%
52	21	64.6%
53	26	73.9%
54	21	81.4%
55	15	86.8%
56	10	90.4%
57	4	91.8%
58	8	94.6%
59	3	95.7%
60	3	96.8%
61	3	97.9%
62	4	99.3%
63		
64	2	100.0%
65		
66		
67		
68		
69		
70		
Total	280	



— Data Plot
 — 50th Percentile
 — 85th Percentile
— 90th Percentile
 — 95th Percentile

DATA ANALYSIS

Average Speed	50.2	Range	35 - 64
50th Percentile	49.7	10 mph Pace	45 - 54
85th Percentile	54.7	Number in Pace	193
90th Percentile	55.9	Percent in Pace	69%
95th Percentile	58.3		



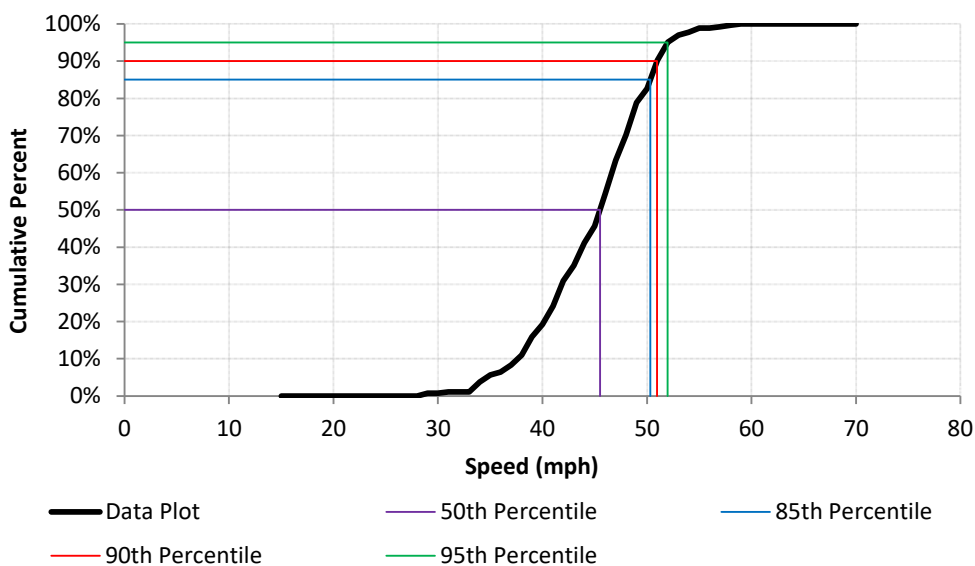
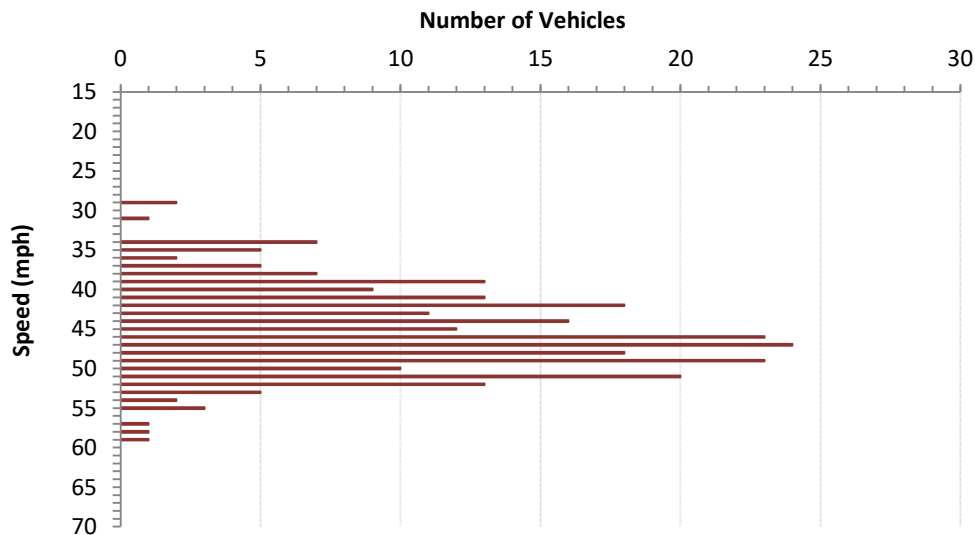
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Old Castle Rd	From:	Lilac Rd	To:	550' E/o MP 6.0
Position:	150' E/o Castleridge Rd	Direction:	EB/WB		

Date:	2/23/2023	Weather:	Clear	Project Number:	23-040036-010
Time Start:	9:00 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	11:00 AM	Posted Speed:	55 MPH	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29	2	0.8%
30		
31	1	1.1%
32		
33		
34	7	3.8%
35	5	5.7%
36	2	6.4%
37	5	8.3%
38	7	10.9%
39	13	15.8%
40	9	19.2%
41	13	24.2%
42	18	30.9%
43	11	35.1%
44	16	41.1%
45	12	45.7%
46	23	54.3%
47	24	63.4%
48	18	70.2%
49	23	78.9%
50	10	82.6%
51	20	90.2%
52	13	95.1%
53	5	97.0%
54	2	97.7%
55	3	98.9%
56		
57	1	99.2%
58	1	99.6%
59	1	100.0%
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	265	



DATA ANALYSIS

62	Average Speed	45.2	Range	29 - 59
63	50th Percentile	45.5	10 mph Pace	42 - 51
64	85th Percentile	50.3	Number in Pace	175
65	90th Percentile	51.0	Percent in Pace	66%
66	95th Percentile	52.0		



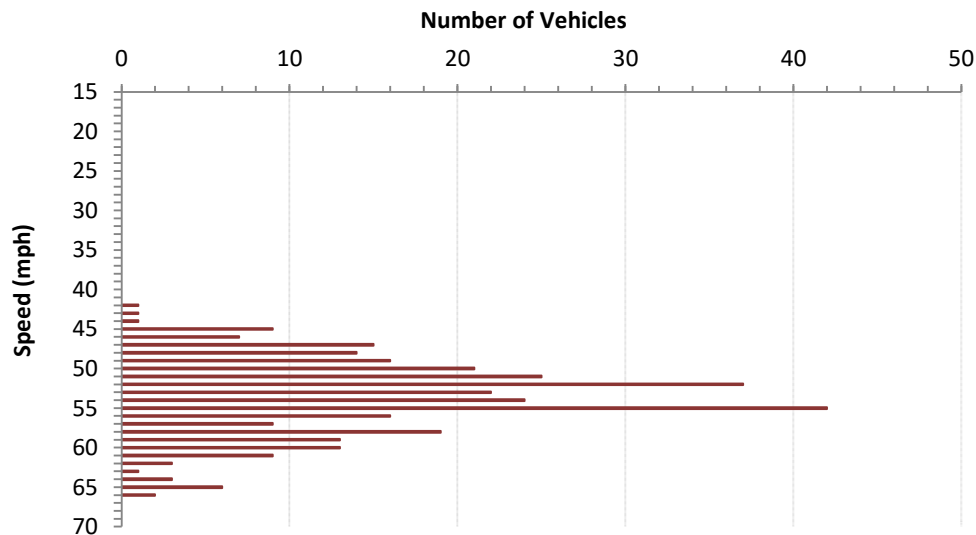
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

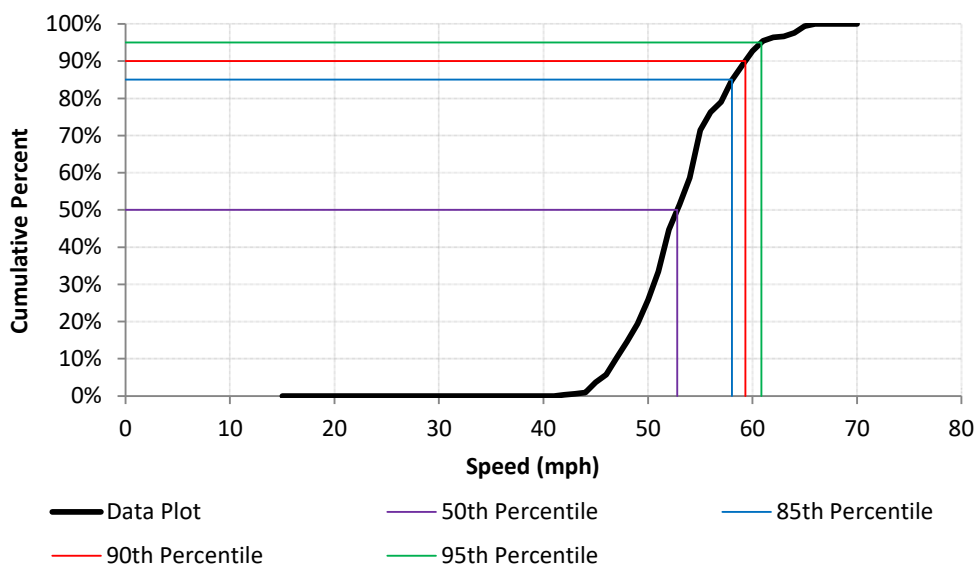
Road Name:	Old Castle Rd	From:	Lilac Rd	To:	550' E/o MP 6.0
Position:	1,360' W/o Mile Post 7.0	Direction:	EB/WB		

Date:	2/21/2023	Weather:	Clear	Project Number:	23-040036-009
Time Start:	9:00 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	11:00 AM	Posted Speed:	55 MPH	Calibration Test:	Y

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		
41		



42	1	0.3%
43	1	0.6%
44	1	0.9%
45	9	3.6%
46	7	5.8%
47	15	10.3%
48	14	14.6%
49	16	19.5%
50	21	25.8%
51	25	33.4%
52	37	44.7%
53	22	51.4%
54	24	58.7%
55	42	71.4%
56	16	76.3%
57	9	79.0%
58	19	84.8%
59	13	88.8%
60	13	92.7%
61	9	95.4%
62	3	96.4%
63	1	96.7%
64	3	97.6%
65	6	99.4%
66	2	100.0%
67		
68		
69		
70		



DATA ANALYSIS					
	Average Speed	53.5	Range	42 - 66	
	50th Percentile	52.8	10 mph Pace	47 - 56	
	85th Percentile	58.1	Number in Pace	232	
	90th Percentile	59.3	Percent in Pace	71%	
	95th Percentile	60.8			
Total	329				

5-B. Radar Certification



2023 Speed Zone
85th Percentile:
51.3 MPH

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: April 28, 2023

Item 5-B

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Certification

LOCATION: Old Castle Road from 550' east of Mile Post 6.0 to Champagne Boulevard (a distance of 1.22 miles)
VALLEY CENTER (Thos. Bros. 1069-B6)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Old Castle Rd from 550' east of Mile Post 6.0 to Champagne Boulevard is currently posted with a 45 MPH, radar enforced, speed limit. A preliminary review of prevailing speeds and roadway conditions could support radar certification of the 45 MPH speed limit.

Existing Traffic Devices

Old Castle Road is a striped 2-lane roadway that is 26 to 41 feet wide. The roadway is striped with a no passing centerline and edgelines. There is a "traffic calming area" that is identified by flashing yellow beacons and special identifying signs. Old Castle Road is classified as a Light Collector on the County General Plan Mobility Element Network. The road is posted with a 45 MPH, radar enforced, speed limit.

Average Daily Traffic Volumes

02/23

07/15

Old Castle Road:

250' E/o Gordon Hills Road

7,688

150' E/o Costalota Road

7,130

Speed Data

**85th
Percentile**

**10 MPH
Pace**

**% in
Pace**

Old Castle Road:

750' E/o Costalota Road

(2023) 51.7 MPH
(2015) 52.0 MPH

42-51
44-53

78.0%
72.0%

300' E/o Indian Hill Place

(2023) 50.8 MPH
(2015) 50.9 MPH

43-52
42-51

81.0%
75.0%

Speed Zone

(2023) 51.3 MPH

43-52

80.5%

Collision Data

There have been 12 reported collisions, 1 of which involved a fatality, 3 of which involved

an injury, along this segment of roadway in a 3-year period (2020-01-01 to 2022-12-31). These collisions result in a segment accident rate of 1.17 collisions per million vehicle miles. The statewide average is 1.09 collisions per million vehicle miles for similar rural, flat, conventional 2 lanes or less, with speeds less than or equal to 55 MPH.

VOLUME

Old Castle Rd 250' E/O Gordon Hill Rd

Day: Tuesday

Date: 2/14/2023

City: Valley Center

Project #: CA23_040035_008

DAILY TOTALS					NB	SB	EB					WB	Total	
					0	0						3,831	3,857	7,688
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL		
00:00			5	6	11		12:00			47	39	86		
00:15			5	3	8		12:15			48	38	86		
00:30			8	8	16		12:30			59	47	106		
00:45			3	21	8	25	12:45			55	209	52	176	
01:00			4	4	8		13:00			41	59	100		
01:15			4	9	13		13:15			49	55	104		
01:30			3	2	5		13:30			70	52	122		
01:45			3	14	6	21	13:45			58	218	64	230	
02:00			2	5	7		14:00			59	65	124		
02:15			4	6	10		14:15			63	62	125		
02:30			3	4	7		14:30			55	81	136		
02:45			1	10	4	19	14:45			64	241	56	264	
03:00			1	8	9		15:00			70	67	137		
03:15			1	4	5		15:15			79	58	137		
03:30			0	6	6		15:30			80	63	143		
03:45			3	5	10	28	15:45			88	317	83	271	
04:00			5	7	12		16:00			63	67	130		
04:15			3	16	19		16:15			76	53	129		
04:30			4	22	26		16:30			101	50	151		
04:45			8	20	20	65	16:45			115	355	69	239	
05:00			11	21	32		17:00			93	51	144		
05:15			14	34	48		17:15			116	65	181		
05:30			18	46	64		17:30			98	57	155		
05:45			40	83	61	162	17:45			80	387	36	209	
06:00			45	54	99		18:00			89	46	135		
06:15			47	65	112		18:15			70	42	112		
06:30			86	88	174		18:30			61	33	94		
06:45			55	233	71	278	18:45			50	270	29	150	
07:00			54	85	139		19:00			45	18	63		
07:15			47	112	159		19:15			42	29	71		
07:30			69	98	167		19:30			46	20	66		
07:45			58	228	100	395	19:45			41	174	18	85	
08:00			52	80	132		20:00			29	14	43		
08:15			43	104	147		20:15			30	21	51		
08:30			38	89	127		20:30			33	20	53		
08:45			48	181	65	338	20:45			28	120	21	76	
09:00			41	53	94		21:00			31	19	50		
09:15			47	66	113		21:15			32	18	50		
09:30			53	52	105		21:30			17	21	38		
09:45			40	181	51	222	21:45			19	99	21	79	
10:00			57	46	103		22:00			22	18	40		
10:15			47	65	112		22:15			18	12	30		
10:30			49	56	105		22:30			14	23	37		
10:45			43	196	43	210	22:45			7	61	14	67	
11:00			40	45	85		23:00			15	9	24		
11:15			36	60	96		23:15			17	10	27		
11:30			35	51	86		23:30			8	17	25		
11:45			50	161	46	202	23:45			7	47	10	46	
TOTALS			1333	1965	3298		TOTALS			2498	1892	4390		
SPLIT %			40.4%	59.6%	42.9%		SPLIT %			56.9%	43.1%	57.1%		

DAILY TOTALS					NB	SB	EB					WB	Total	
					0	0	3,831					3,857	7,688	
AM Peak Hour			06:15	07:00	07:00		PM Peak Hour			16:30	13:45	16:45		
AM Pk Volume			242	395	623		PM Pk Volume			425	272	664		
Pk Hr Factor			0.703	0.882	0.933		Pk Hr Factor			0.916	0.840	0.902		
7 - 9 Volume	0	0	409	733	1142		4 - 6 Volume	0	0	742	448	1190		
7 - 9 Peak Hour			07:00	07:00	07:00		4 - 6 Peak Hour			16:30	16:45	16:45		
7 - 9 Pk Volume	0	0	228	395	623		4 - 6 Pk Volume	0	0	425	242	664		
Pk Hr Factor	0.000	0.000	0.826	0.882	0.933		Pk Hr Factor	0.000	0.000	0.916	0.877	0.902		

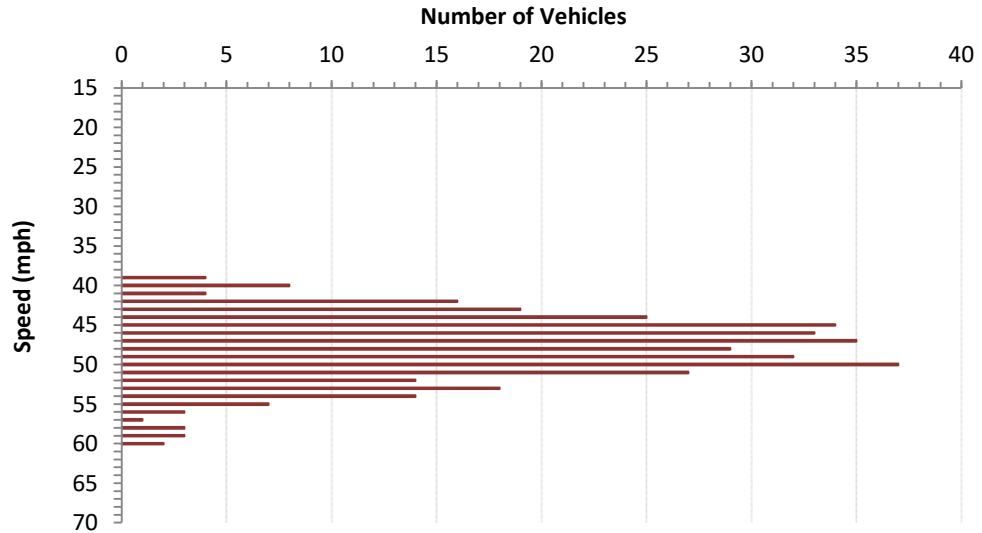


RADAR SPEED SURVEY

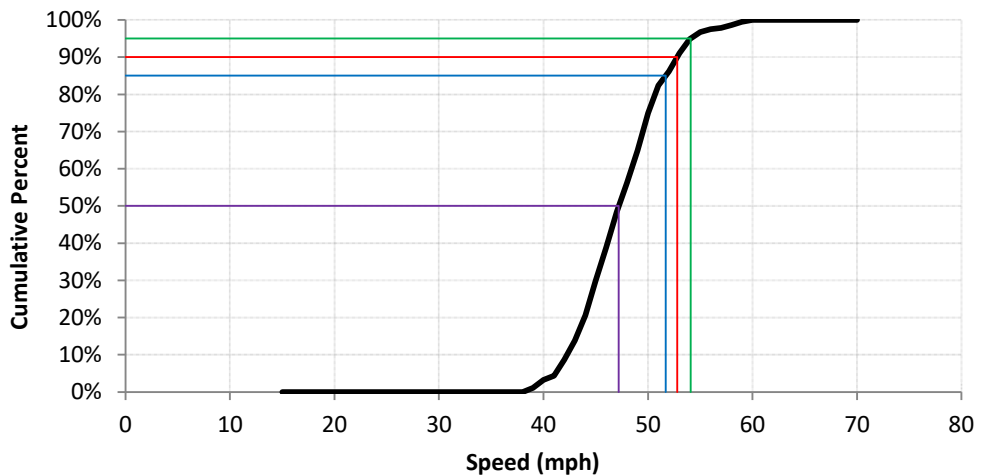
SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Old Castle Rd	From: 550' E/o MP 6.0	To: Champagne Bl
Position:	750' E/o Coastalota Rd	Direction:	EB/WB
Date:	2/21/2023	Weather:	Clear
Time Start:	11:00 AM	Road Condition:	Dry
Time End:	1:00 PM	Posted Speed:	45 MPH
		Project Number:	23-040036-008
		Observer:	Contractor
		Calibration Test:	Y

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	4	1.1%
40	8	3.3%
41	4	4.3%
42	16	8.7%
43	19	13.9%
44	25	20.7%
45	34	29.9%
46	33	38.9%
47	35	48.4%
48	29	56.3%
49	32	64.9%
50	37	75.0%
51	27	82.3%
52	14	86.1%
53	18	91.0%
54	14	94.8%
55	7	96.7%
56	3	97.6%
57	1	97.8%
58	3	98.6%
59	3	99.5%
60	2	100.0%
61		



— Data Plot — 50th Percentile — 85th Percentile
— 90th Percentile — 95th Percentile

DATA ANALYSIS

62				
63				
64		Average Speed	47.9	Range 39 - 60
65		50th Percentile	47.2	10 mph Pace 42 - 51
66		85th Percentile	51.7	Number in Pace 287
67		90th Percentile	52.8	Percent in Pace 78%
68		95th Percentile	54.1	
69				
70				
Total	368			



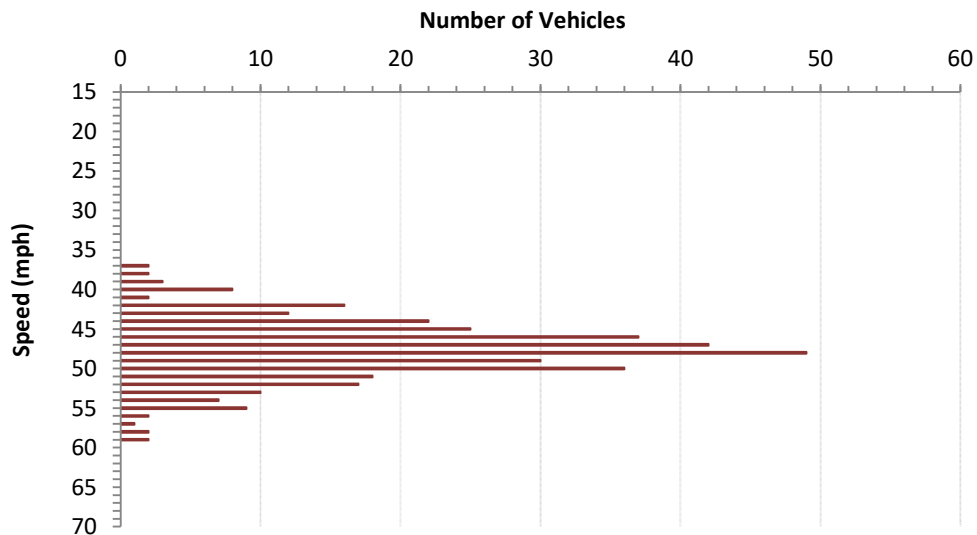
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

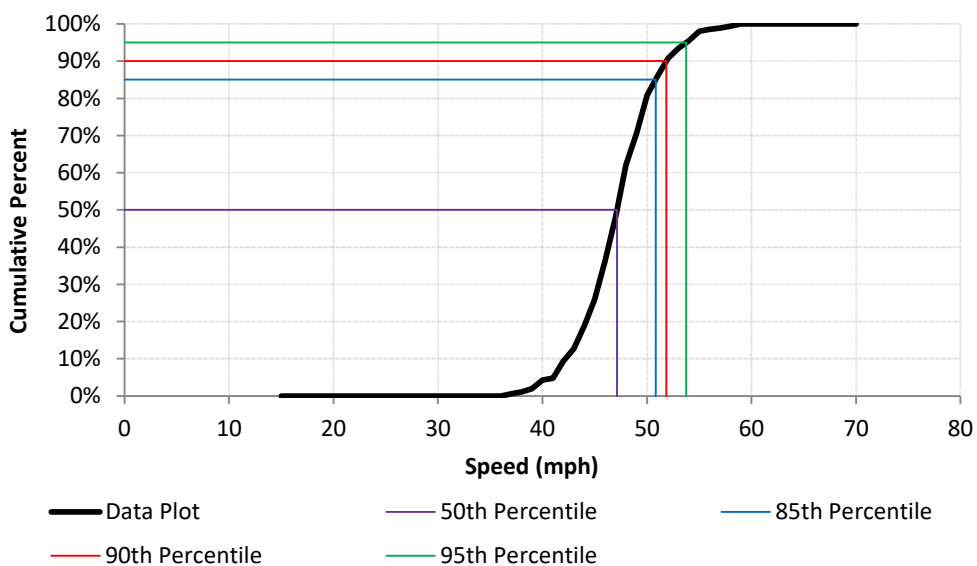
Road Name:	Old Castle Rd	From:	550' E/o MP 6.0	To:	Champagne Bl
Position:	300' E/o Indian Hill Pl	Direction:	EB/WB		

Date:	2/21/2023	Weather:	Clear	Project Number:	23-040036-007
Time Start:	1:00 PM	Road Condition:	Dry	Observer:	Contractor
Time End:	3:00 PM	Posted Speed:	45 MPH	Calibration Test:	Y

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	2	0.6%
38	2	1.1%
39	3	2.0%
40	8	4.2%
41	2	4.8%
42	16	9.3%
43	12	12.7%
44	22	18.9%
45	25	26.0%
46	37	36.4%
47	42	48.3%
48	49	62.1%
49	30	70.6%
50	36	80.8%
51	18	85.9%
52	17	90.7%
53	10	93.5%
54	7	95.5%
55	9	98.0%
56	2	98.6%
57	1	98.9%
58	2	99.4%
59	2	100.0%

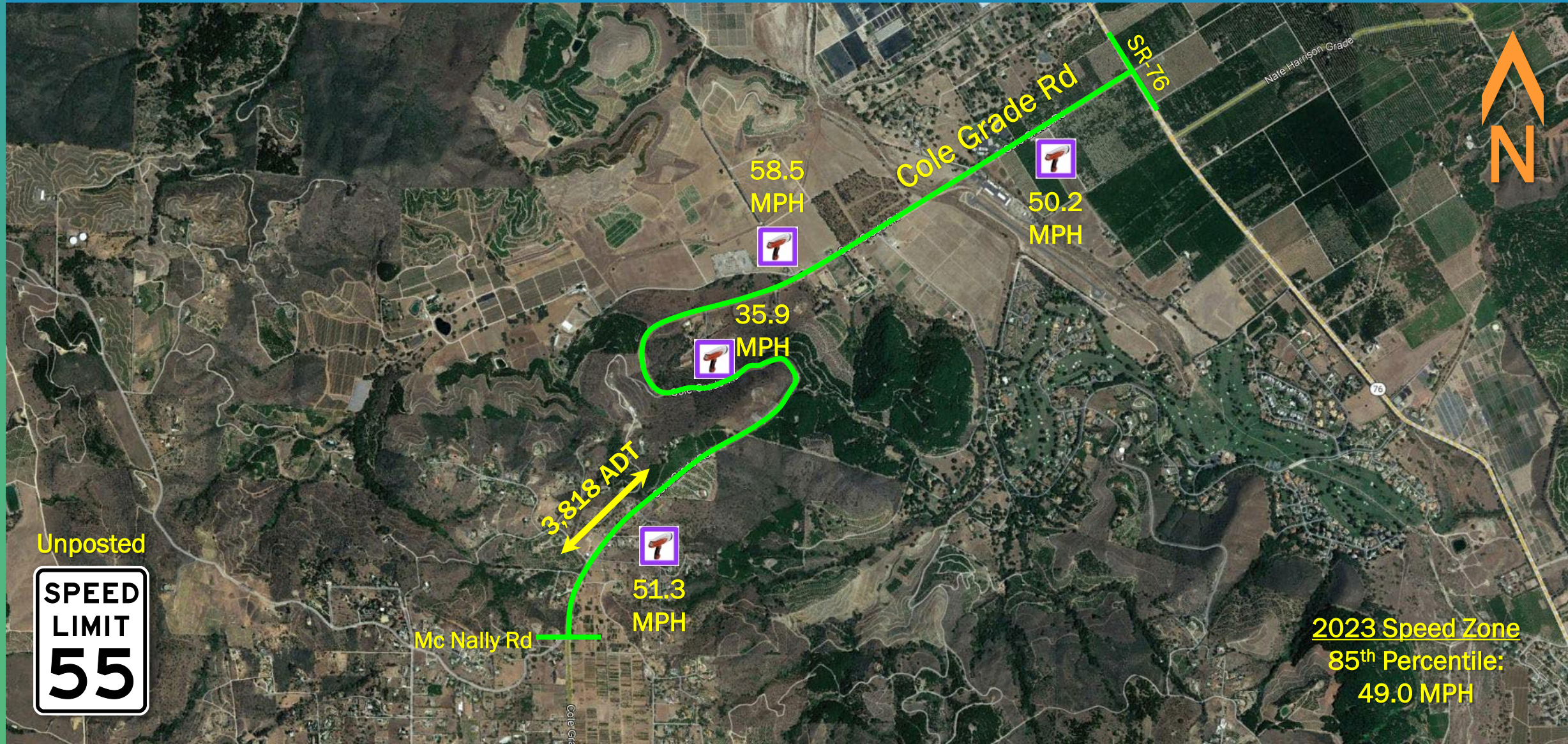


DATA ANALYSIS

62	Average Speed	47.6	Range	37 - 59
63	50th Percentile	47.1	10 mph Pace	43 - 52
64	85th Percentile	50.8	Number in Pace	288
65	90th Percentile	51.9	Percent in Pace	81%
66	95th Percentile	53.8		
67				
68				
69				
70				
Total	354			

Cole Grade Road

State Route 76 to Mc Nally Road
3.62 miles



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: April 28, 2023

Item 5-C

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Certification

LOCATION: Cole Grade Road from SR-76 to McNally Road (a distance of 3.62 miles) VALLEY CENTER (Thos. Bros. 1050-J3)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

Cole Grade Road from SR-76 to McNally Road has no posted speed limit and is subject to the 55 MPH state maximum speed limit. A preliminary review of prevailing speeds and roadway conditions could support radar certification of a 45 MPH speed limit.

Existing Traffic Devices

This section of Cole Grade Road is a striped 2-lane roadway that is 24 to 32 feet wide. The roadway is striped with a mixture of both passing and no passing centerline striping and has white edgeline. The road is posted with flashing school zone signage. Cole Grade Road is classified as a Light Collector on the County General Plan Mobility Element Network. The road has no posted speed limit.

Average Daily Traffic Volumes 02/23

Cole Grade Road:	
350' S/o SR-76	3,812
250' N/o McNally Road	3,825

<u>Speed Data</u>		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Cole Grade Road:				
1,500' N/o Spring Valley Road	(2023)	50.2 MPH	42-51	67.0%
250' S/o Old Cole Grade Road	(2023)	58.5 MPH	46-55	57.0%
750' N/o Mile Post 5.5	(2023)	35.9 MPH	28-37	84.0%
2,500' N/o McNally Road	(2023)	51.3 MPH	42-51	64.0%
Speed Zone	(2023)	49.0 MPH	40-49	68.0%

Collision Data

There have been 6 reported collisions, 1 of which involved a fatality, 2 of which involved an injury, along this segment of roadway in a 3-year period (2020-01-01 to 2022-12-31). These collisions result in a segment accident rate of 0.40 collisions per million vehicle miles. The statewide average is 1.94 collisions per million vehicle miles for similar rural, mountain, conventional 2 lanes or less, roads with speeds less than or equal to 55 MPH.

VOLUME

Cole Grade Rd 350' S/O SR-76

Day: Tuesday

Date: 2/14/2023

City: Pauma Valley

Project #: CA23_040035_001

DAILY TOTALS				NB	SB	EB				WB	Total	
				2,003	1,809					0	0	3,812

AM Period	NB		SB		EB	WB	TOTAL	PM Period	NB		SB		EB	WB	TOTAL
00:00	1		2				3	12:00	25		20				45
00:15	2		2				4	12:15	25		27				52
00:30	0		6				6	12:30	30		18				48
00:45	0	3	3	13			3 16	12:45	32 112	20	85			52 197	
01:00	0		1				1	13:00	27		23				50
01:15	1		2				3	13:15	25		26				51
01:30	4		1				5	13:30	26		32				58
01:45	1	6	3	7			4 13	13:45	31 109	38	119			69 228	
02:00	0		1				1	14:00	49		33				82
02:15	2		3				5	14:15	33		27				60
02:30	3		2				5	14:30	37		30				67
02:45	1	6	2	8			3 14	14:45	66 185	28	118			94 303	
03:00	2		3				5	15:00	51		35				86
03:15	2		4				6	15:15	48		30				78
03:30	0		2				2	15:30	56		46				102
03:45	2	6	3	12			5 18	15:45	47 202	33	144			80 346	
04:00	0		3				3	16:00	52		37				89
04:15	0		1				1	16:15	59		34				93
04:30	2		4				6	16:30	50		44				94
04:45	5	7	3	11			8 18	16:45	82 243	31	146			113 389	
05:00	3		12				15	17:00	68		33				101
05:15	2		7				9	17:15	46		23				69
05:30	6		12				18	17:30	55		19				74
05:45	5	16	18	49			23 65	17:45	32 201	24	99			56 300	
06:00	15		17				32	18:00	46		16				62
06:15	25		35				60	18:15	26		21				47
06:30	33		37				70	18:30	18		15				33
06:45	40	113	51	140			91 253	18:45	16 106	15	67			31 173	
07:00	32		59				91	19:00	9		9				18
07:15	35		84				119	19:15	12		12				24
07:30	69		71				140	19:30	7		9				16
07:45	53	189	72	286			125 475	19:45	11 39	14	44			25 83	
08:00	48		29				77	20:00	11		14				25
08:15	22		21				43	20:15	6		10				16
08:30	25		18				43	20:30	8		14				22
08:45	25	120	22	90			47 210	20:45	11 36	4	42			15 78	
09:00	16		22				38	21:00	13		9				22
09:15	19		25				44	21:15	7		7				14
09:30	27		18				45	21:30	6		6				12
09:45	21	83	25	90			46 173	21:45	6 32	12	34			18 66	
10:00	17		14				31	22:00	5		12				17
10:15	17		19				36	22:15	4		6				10
10:30	16		24				40	22:30	8		9				17
10:45	16	66	17	74			33 140	22:45	3 20	7	34			10 54	
11:00	18		22				40	23:00	5		12				17
11:15	23		14				37	23:15	3		2				5
11:30	21		13				34	23:30	2		6				8
11:45	27	89	22	71			49 160	23:45	4 14	6	26			10 40	
TOTALS	704		851				1555	TOTALS	1299		958				2257
SPLIT %	45.3%		54.7%				40.8%	SPLIT %	57.6%		42.4%				59.2%

DAILY TOTALS				NB	SB	EB				WB	Total	
				2,003	1,809					0	0	3,812

AM Peak Hour	07:15	07:00			07:00	PM Peak Hour	16:15	15:30			16:15
AM Pk Volume	205	286			475	PM Pk Volume	259	150			401
Pk Hr Factor	0.743	0.851			0.848	Pk Hr Factor	0.790	0.815			0.887
7 - 9 Volume	309	376	0	0	685	4 - 6 Volume	444	245	0	0	689
7 - 9 Peak Hour	07:15	07:00			07:00	4 - 6 Peak Hour	16:15	16:00			16:15
7 - 9 Pk Volume	205	286	0	0	475	4 - 6 Pk Volume	259	146	0	0	401
Pk Hr Factor	0.743	0.851	0.000	0.000	0.848	Pk Hr Factor	0.790	0.830	0.000	0.000	0.887

VOLUME

Cole Grade Rd 250' N/O McNally Rd

Day: Tuesday

Date: 2/14/2023

City: Valley Center

Project #: CA23_040035_002

DAILY TOTALS					NB	SB	EBWB					Total
					1,985	1,840						0
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL	
00:00	2	2			4	12:00	29	21			50	
00:15	0	2			2	12:15	23	24			47	
00:30	1	4			5	12:30	31	25			56	
00:45	1	4	3	11	415	12:45	28	111	15	85	43196	
01:00	2	1			3	13:00	15	23			38	
01:15	3	1			4	13:15	20	27			47	
01:30	2	2			4	13:30	31	30			61	
01:45	0	7	1	5	112	13:45	29	95	33	113	62208	
02:00	3	2			5	14:00	21	34			55	
02:15	2	2			4	14:15	36	27			63	
02:30	0	2			2	14:30	36	33			69	
02:45	1	6	4	10	516	14:45	70	163	33	127	103290	
03:00	2	2			4	15:00	46	33			79	
03:15	2	2			4	15:15	50	42			92	
03:30	2	3			5	15:30	43	36			79	
03:45	3	9	3	10	619	15:45	47	186	36	147	83333	
04:00	0	2			2	16:00	59	29			88	
04:15	2	2			4	16:15	58	33			91	
04:30	3	5			8	16:30	50	48			98	
04:45	4	9	7	16	1125	16:45	77	244	24	134	101378	
05:00	1	13			14	17:00	61	30			91	
05:15	3	11			14	17:15	43	23			66	
05:30	11	15			26	17:30	48	16			64	
05:45	8	23	14	53	2276	17:45	37	189	24	93	61282	
06:00	22	20			42	18:00	52	18			70	
06:15	27	32			59	18:15	28	22			50	
06:30	32	42			74	18:30	25	21			46	
06:45	28	109	51	145	79254	18:45	21	126	14	75	35201	
07:00	24	58			82	19:00	23	11			34	
07:15	44	89			133	19:15	17	18			35	
07:30	56	71			127	19:30	16	7			23	
07:45	29	153	56	274	85427	19:45	20	76	11	47	31123	
08:00	23	33			56	20:00	15	17			32	
08:15	25	24			49	20:15	16	16			32	
08:30	25	22			47	20:30	12	14			26	
08:45	16	89	20	99	36188	20:45	21	64	7	54	28118	
09:00	18	18			36	21:00	14	9			23	
09:15	21	27			48	21:15	6	8			14	
09:30	24	32			56	21:30	12	6			18	
09:45	18	81	33	110	51191	21:45	8	40	6	29	1469	
10:00	14	14			28	22:00	10	12			22	
10:15	12	16			28	22:15	8	5			13	
10:30	15	20			35	22:30	6	9			15	
10:45	16	57	19	69	35126	22:45	3	27	8	34	1161	
11:00	23	23			46	23:00	10	6			16	
11:15	22	11			33	23:15	2	10			12	
11:30	24	15			39	23:30	4	6			10	
11:45	27	96	24	73	51169	23:45	5	21	5	27	1048	
TOTALS	643	875			1518	TOTALS	1342	965			2307	
SPLIT %	42.4%	57.6%			39.7%	SPLIT %	58.2%	41.8%			60.3%	

DAILY TOTALS					NB	SB						EB	WB	Total	
					1,985	1,840						0	0	3,825	
AM Peak Hour	07:00	07:00			07:00		PM Peak Hour	16:15	15:00			16:15			
AM Pk Volume	153	274			427		PM Pk Volume	246	147			381			
Pk Hr Factor	0.683	0.770			0.803		Pk Hr Factor	0.799	0.875			0.943			
7 - 9 Volume	242	373	0	0	615		4 - 6 Volume	433	227	0	0	660			
7 - 9 Peak Hour	07:00	07:00			07:00		4 - 6 Peak Hour	16:15	16:15			16:15			
7 - 9 Pk Volume	153	274	0	0	427		4 - 6 Pk Volume	246	135	0	0	381			
Pk Hr Factor	0.683	0.770	0.000	0.000	0.803		Pk Hr Factor	0.799	0.703	0.000	0.000	0.943			



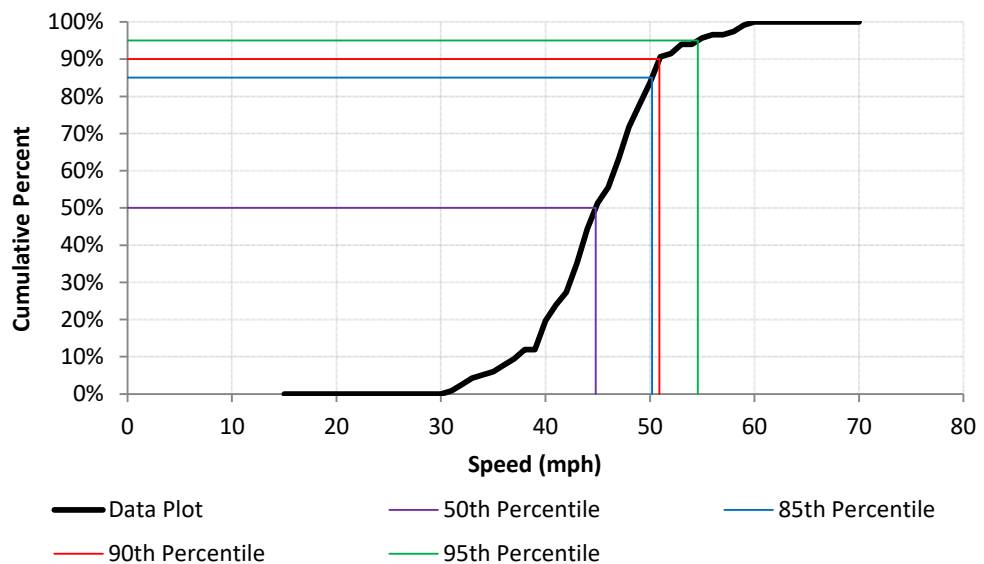
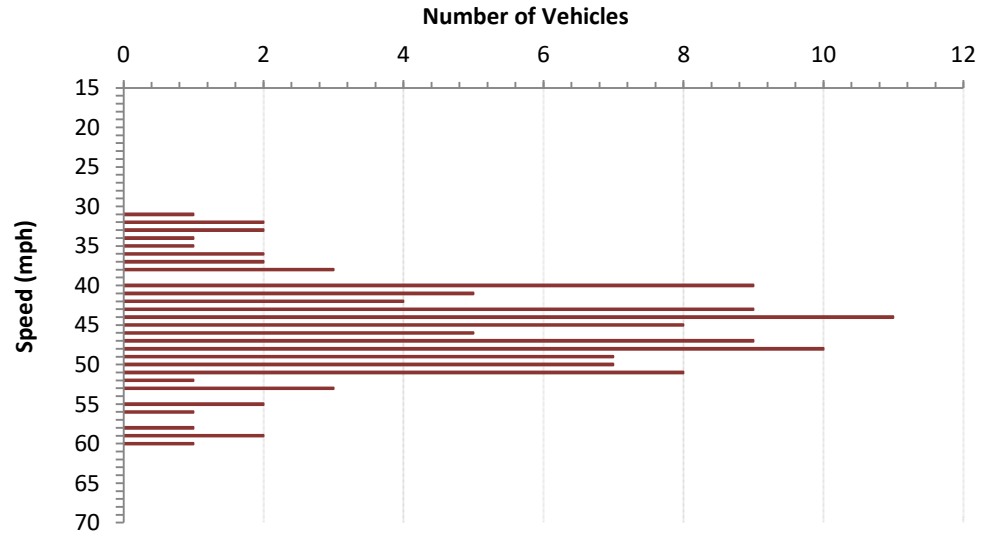
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Cole Grade Rd	From:	SR-76	To:	McNally Rd
Position:	1,500' N/o Spring Valley Rd	Direction:	NB/SB		

Date:	3/9/2023	Weather:	Clear	Project Number:	N/A
Time Start:	11:00 AM	Road Condition:	Dry	Observer:	County
Time End:	11:48 AM	Posted Speed:	Unposted	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31	1	0.9%
32	2	2.6%
33	2	4.3%
34	1	5.1%
35	1	6.0%
36	2	7.7%
37	2	9.4%
38	3	12.0%
39		
40	9	19.7%
41	5	23.9%
42	4	27.4%
43	9	35.0%
44	11	44.4%
45	8	51.3%
46	5	55.6%
47	9	63.2%
48	10	71.8%
49	7	77.8%
50	7	83.8%
51	8	90.6%
52	1	91.5%
53	3	94.0%
54		
55	2	95.7%
56	1	96.6%
57		
58	1	97.4%
59	2	99.1%
60	1	100.0%
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	117	



DATA ANALYSIS

Average Speed	45.3	Range	31 - 60
50th Percentile	44.8	10 mph Pace	42 - 51
85th Percentile	50.2	Number in Pace	78
90th Percentile	50.9	Percent in Pace	67%
95th Percentile	54.6		



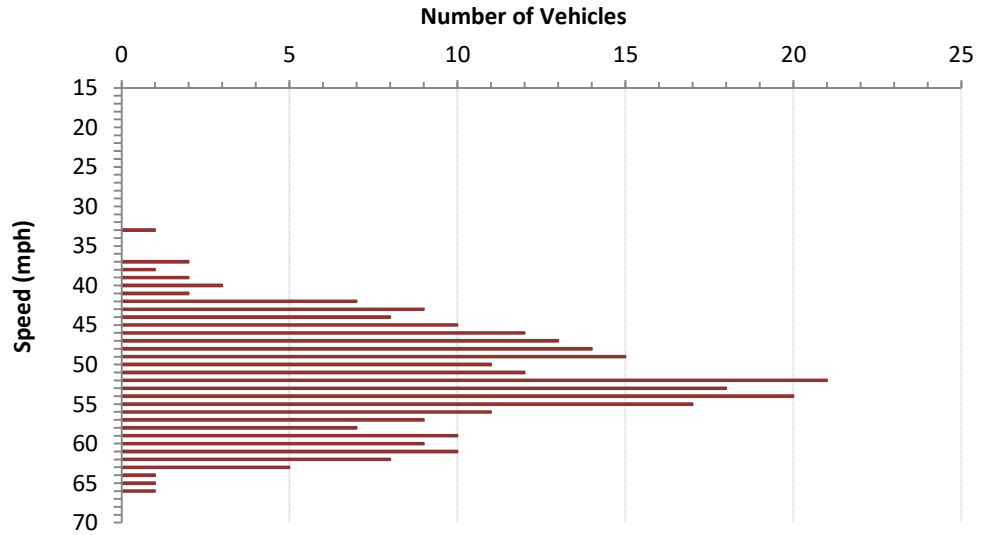
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

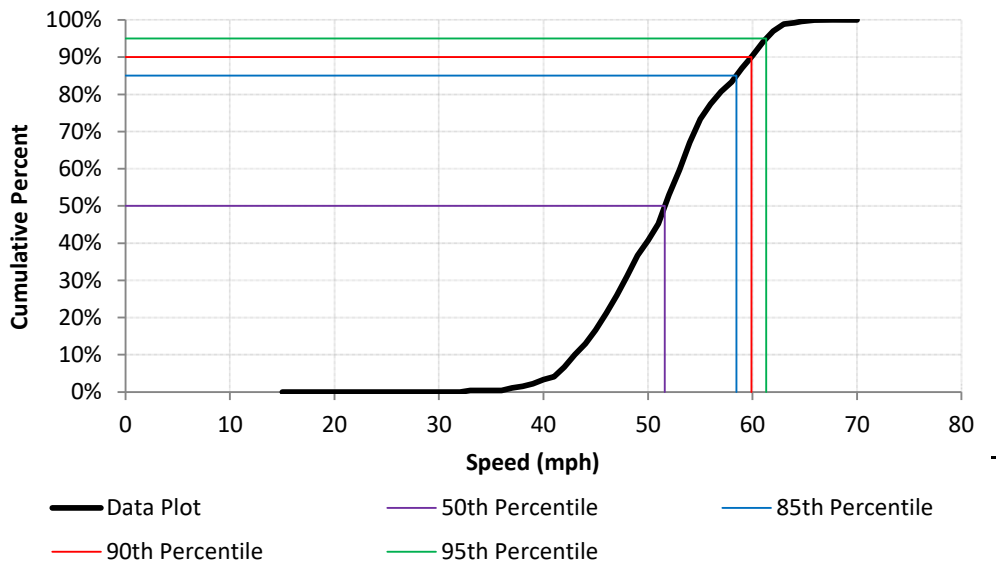
Road Name:	Cole Grade Rd	From: SR-76	To: McNally Rd
Position:	250' S/o Old Cole Grade Rd	Direction:	NB/SB

Date:	3/2/2023	Weather:	Clear	Project Number:	23-040014-001
Time Start:	1:30 PM	Road Condition:	Dry	Observer:	Contractor
Time End:	3:30 PM	Posted Speed:	55 MPH	Calibration Test:	Y

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	1	0.4%
34		
35		
36		



37	2	1.1%
38	1	1.5%
39	2	2.2%
40	3	3.3%
41	2	4.1%
42	7	6.7%
43	9	10.0%
44	8	13.0%
45	10	16.7%
46	12	21.1%
47	13	25.9%
48	14	31.1%
49	15	36.7%
50	11	40.7%
51	12	45.2%
52	21	53.0%
53	18	59.6%
54	20	67.0%
55	17	73.3%
56	11	77.4%
57	9	80.7%
58	7	83.3%
59	10	87.0%
60	9	90.4%
61	10	94.1%
62	8	97.0%
63	5	98.9%
64	1	99.3%
65	1	99.6%
66	1	100.0%
67		
68		
69		
70		



DATA ANALYSIS					
Average Speed	51.8	Range	33 - 66		
50th Percentile	51.6	10 mph Pace	46 - 55		
85th Percentile	58.5	Number in Pace	153		
90th Percentile	59.9	Percent in Pace	57%		
95th Percentile	61.3				
Total	270				



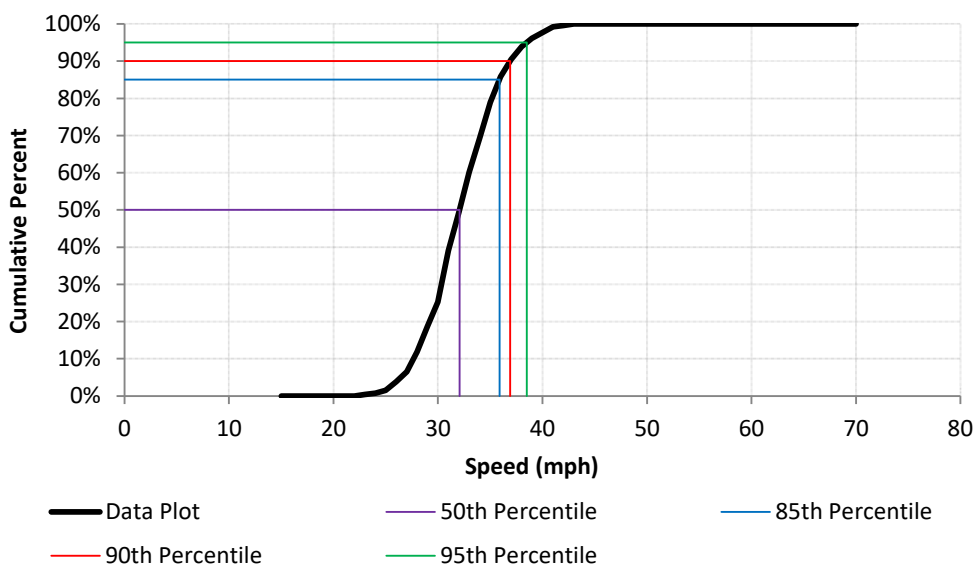
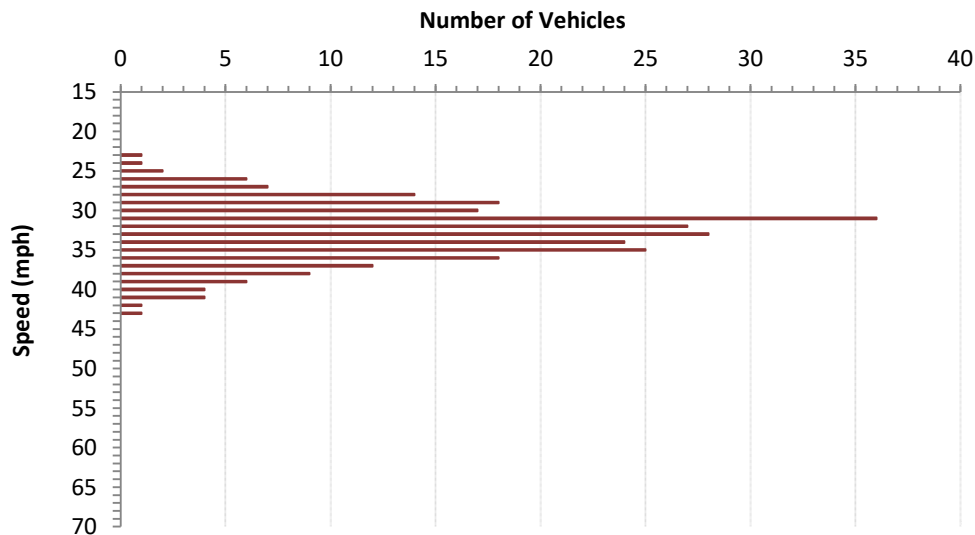
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Cole Grade Rd	From: SR-76	To: McNally Rd
Position:	750' N/o Mile Post 5.5	Direction:	NB/SB

Date:	3/2/2023	Weather:	Clear	Project Number:	23-040014-002
Time Start:	11:02 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	1:02 PM	Posted Speed:	55 MPH	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23	1	0.4%
24	1	0.8%
25	2	1.5%
26	6	3.8%
27	7	6.5%
28	14	11.9%
29	18	18.8%
30	17	25.3%
31	36	39.1%
32	27	49.4%
33	28	60.2%
34	24	69.3%
35	25	78.9%
36	18	85.8%
37	12	90.4%
38	9	93.9%
39	6	96.2%
40	4	97.7%
41	4	99.2%
42	1	99.6%
43	1	100.0%
44		
45		
46		
47		
48		
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		



DATA ANALYSIS

62				
63	Average Speed	32.7	Range	23 - 43
64	50th Percentile	32.1	10 mph Pace	28 - 37
65	85th Percentile	35.9	Number in Pace	219
66	90th Percentile	36.9	Percent in Pace	84%
67	95th Percentile	38.5		
68				
69				
70				
Total	261			

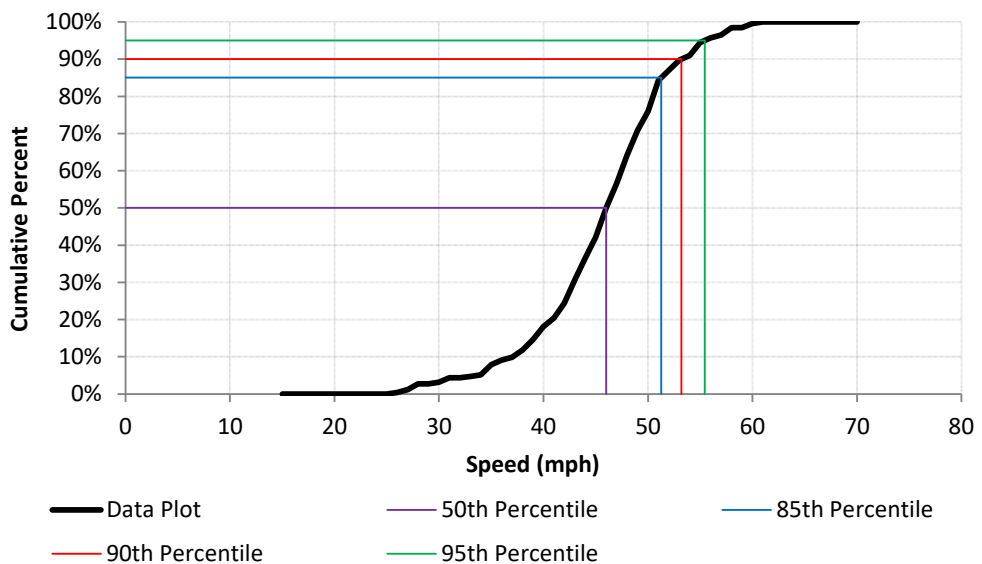
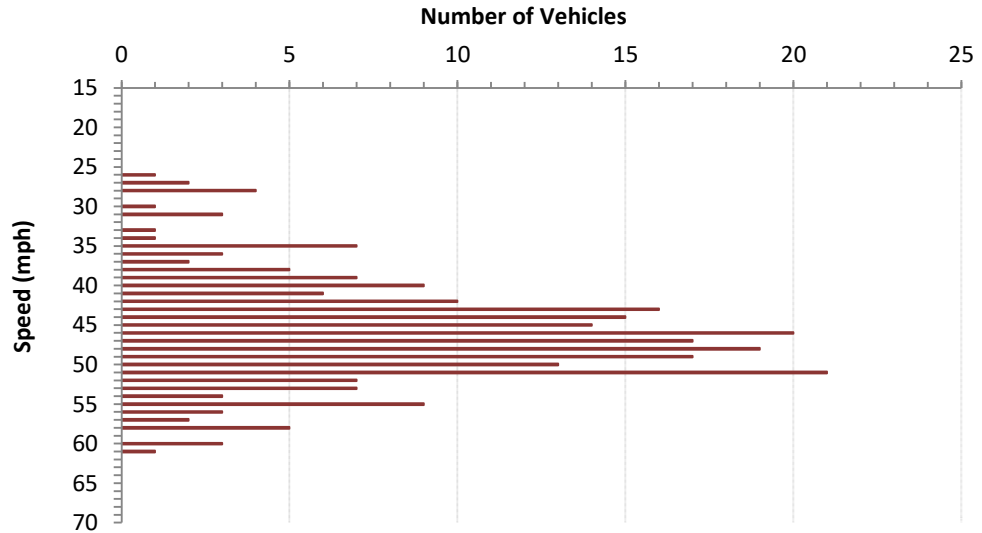


RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Cole Grade Rd	From: SR-76	To: McNally Rd
Position:	2,500' N/o McNally Rd	Direction:	NB/SB
Date:	3/2/2023	Weather:	Clear
Time Start:	9:00 AM	Road Condition:	Dry
Time End:	11:00 AM	Posted Speed:	55 MPH
		Project Number:	23-040014-003
		Observer:	Contractor
		Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26	1	0.4%
27	2	1.2%
28	4	2.8%
29		
30	1	3.1%
31	3	4.3%
32		
33	1	4.7%
34	1	5.1%
35	7	7.9%
36	3	9.1%
37	2	9.8%
38	5	11.8%
39	7	14.6%
40	9	18.1%
41	6	20.5%
42	10	24.4%
43	16	30.7%
44	15	36.6%
45	14	42.1%
46	20	50.0%
47	17	56.7%
48	19	64.2%
49	17	70.9%
50	13	76.0%
51	21	84.3%
52	7	87.0%
53	7	89.8%
54	3	90.9%
55	9	94.5%
56	3	95.7%
57	2	96.5%
58	5	98.4%
59		
60	3	99.6%
61	1	100.0%
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	254	

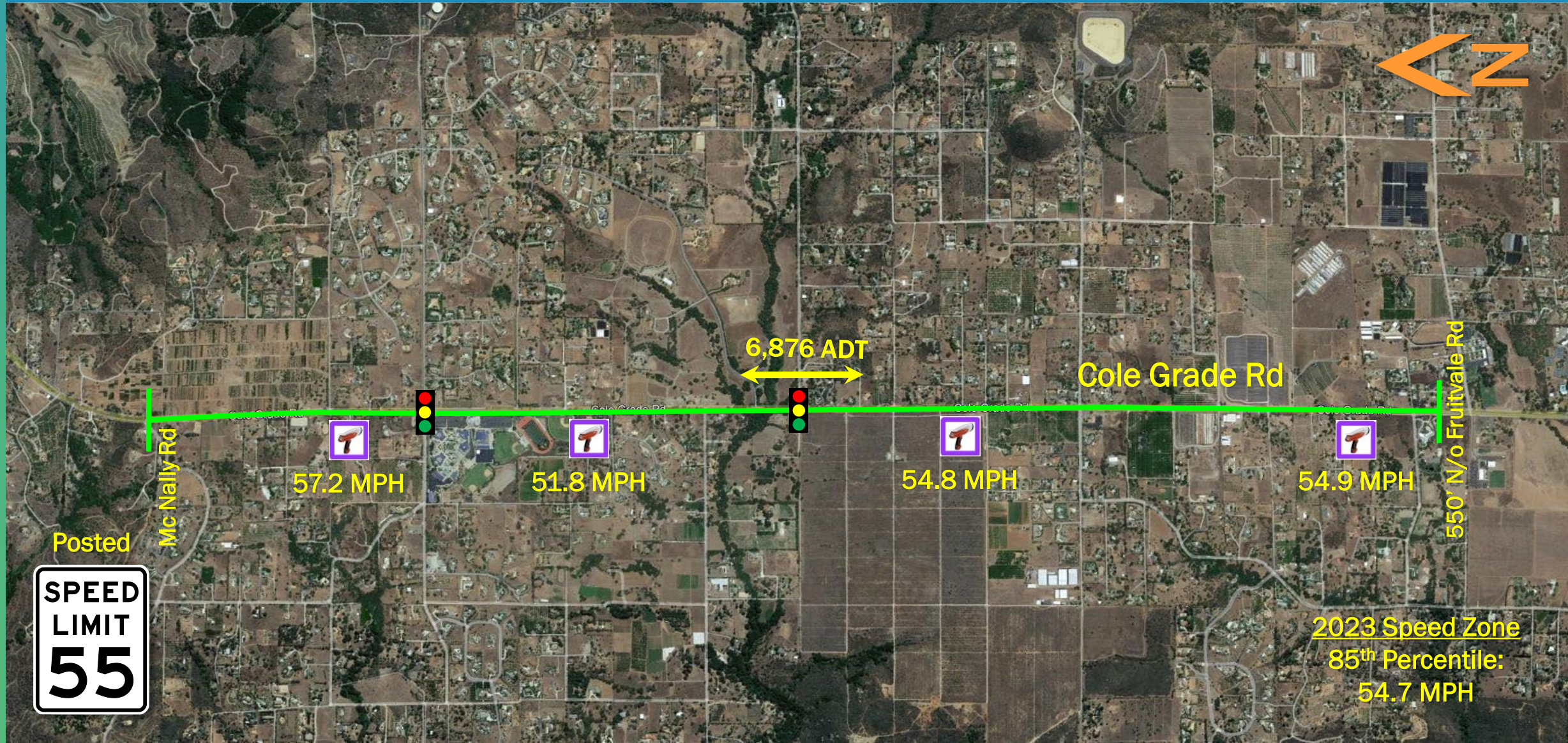


DATA ANALYSIS

Average Speed	45.9	Range	26 - 61
50th Percentile	46.0	10 mph Pace	42 - 51
85th Percentile	51.3	Number in Pace	162
90th Percentile	53.2	Percent in Pace	64%
95th Percentile	55.4		

Cole Grade Road

Mc Nally Road to 550' north of Fruitvale Road
3.49 miles



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: April 28, 2023

Item 5-D

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Certification

LOCATION: Cole Grade Road from Mc Nally Road to 550' north of Fruitvale Road (a distance of 3.49 miles)
VALLEY CENTER (Thos. Bros. 1050-F7)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

Cole Grade Road from Mc Nally Road to 550' north of Fruitvale Road is currently posted with a 55 MPH speed limit. A preliminary review of prevailing speeds and roadway conditions could support radar certification of a 50 MPH speed limit.

Existing Traffic Devices

Cole Grade Road is a striped 2 lane through highway measuring 24 to 40 feet wide. There is edge striping, no passing centerline and left turn pocket at Miller Road and at Horse Creek Road. There are two signalized intersections along this segment of Cole Grade Road at Cool Valley Road and West Oak Glen Road/Pauma Heights Road. The road is posted with school zone, community park, and fire station advisory. Cole Grade Rd from Mc Nally Road to Fruitvale Road is classified as a Community Collector on the County General Plan Mobility Element Network. The road is posted with a 55 MPH speed limit.

Average Daily Traffic Volumes **02/23**

Cole Grade Road:	
300' S/o Mc Nally Road	3,218
600' N/o Fruitvale Road	10,537

<u>Speed Data</u>		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Cole Grade Road:				
150' S/o Tyler Road	(2023)	57.2 MPH	46-55	68.0%
450' N/o Margarita Lane	(2023)	51.8 MPH	42-51	69.0%
150' N/o Ava Lane	(2023)	54.8 MPH	46-55	79.0%
150' S/o Bernabeo Court	(2023)	54.9 MPH	47-56	82.0%

Speed Zone	(2023)	54.7 MPH	45-54	74.5%
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Collision Data

There have been 21 reported collisions, 1 of which involved a fatality, and 10 of which involved an injury, along this segment of roadway in a 3-year period (2020-01-01 to 2022-12-31). These collisions result in a segment accident rate of 0.80 collisions per million vehicle miles. The statewide average is 1.31 collisions per million vehicle miles for similar rolling rural, conventional 2 lanes or less, roads with speeds less than or equal to 55 MPH.

VOLUME

Cole Grade Rd S/O 300' McNally Rd

Day: Wednesday
Date: 1/18/2023

City: Valley Center
Project #: CA23_040013_001

DAILY TOTALS					NB	SB	EBWB					Total
					1,732	1,486						0
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL	
00:00	0	0			0	12:00	22	19			41	
00:15	0	0			0	12:15	23	20			43	
00:30	3	2			5	12:30	19	17			36	
00:45	3	6	2	4	5 10	12:45	18	82	28	84	46 166	
01:00	2	0			2	13:00	25	20			45	
01:15	1	0			1	13:15	28	29			57	
01:30	1	0			1	13:30	33	26			59	
01:45	2	6	0		2 6	13:45	25	111	36	111	61 222	
02:00	0	1			1	14:00	43	44			87	
02:15	1	2			3	14:15	64	25			89	
02:30	0	0			0	14:30	25	33			58	
02:45	0	1	0	3	0 4	14:45	26	158	29	131	55 289	
03:00	1	0			1	15:00	51	33			84	
03:15	0	0			0	15:15	33	24			57	
03:30	0	0			0	15:30	53	28			81	
03:45	1	2	0		1 2	15:45	33	170	49	134	82 304	
04:00	0	1			1	16:00	53	29			82	
04:15	0	0			0	16:15	42	49			91	
04:30	2	2			4	16:30	53	45			98	
04:45	2	4	1	4	3 8	16:45	45	193	39	162	84 355	
05:00	2	1			3	17:00	31	31			62	
05:15	3	4			7	17:15	53	20			73	
05:30	7	2			9	17:30	45	19			64	
05:45	12	24	7	14	19 38	17:45	35	164	16	86	51 250	
06:00	12	3			15	18:00	40	15			55	
06:15	13	22			35	18:15	23	20			43	
06:30	23	25			48	18:30	20	12			32	
06:45	29	77	39	89	68 166	18:45	16	99	13	60	29 159	
07:00	19	47			66	19:00	18	6			24	
07:15	37	91			128	19:15	17	3			20	
07:30	45	55			100	19:30	23	4			27	
07:45	21	122	38	231	59 353	19:45	12	70	3	16	15 86	
08:00	15	25			40	20:00	12	4			16	
08:15	16	20			36	20:15	13	5			18	
08:30	13	18			31	20:30	19	2			21	
08:45	16	60	22	85	38 145	20:45	24	68	1	12	25 80	
09:00	24	21			45	21:00	8	5			13	
09:15	10	28			38	21:15	12	2			14	
09:30	23	17			40	21:30	7	2			9	
09:45	14	71	20	86	34 157	21:45	12	39	5	14	17 53	
10:00	27	19			46	22:00	11	3			14	
10:15	12	24			36	22:15	11	4			15	
10:30	18	18			36	22:30	2	0			2	
10:45	19	76	18	79	37 155	22:45	2	26	1	8	3 34	
11:00	22	18			40	23:00	3	1			4	
11:15	16	13			29	23:15	8	1			9	
11:30	20	20			40	23:30	5	1			6	
11:45	25	83	18	69	43 152	23:45	4	20	1	4	5 24	
TOTALS	532	664			1196	TOTALS	1200	822			2022	
SPLIT %	44.5%	55.5%			37.2%	SPLIT %	59.3%	40.7%			62.8%	

DAILY TOTALS					NB	SB	EBWB					Total
					1,732	1,486						0
AM Peak Hour	06:45	06:45			06:45	PM Peak Hour	16:00	15:45			16:00	
AM Pk Volume	130	232			362	PM Pk Volume	193	172			355	
Pk Hr Factor	0.722	0.637			0.707	Pk Hr Factor	0.910	0.878			0.906	
7 - 9 Volume	182	316	0	0	498	4 - 6 Volume	357	248	0	0	605	
7 - 9 Peak Hour	07:00	07:00			07:00	4 - 6 Peak Hour	16:00	16:15			16:00	
7 - 9 Pk Volume	122	231	0	0	353	4 - 6 Pk Volume	193	164	0	0	355	
Pk Hr Factor	0.678	0.635	0.000	0.000	0.689	Pk Hr Factor	0.910	0.837	0.000	0.000	0.906	

VOLUME

Cole Grade Rd N/O 600' Fruitvale Rd

Day: Wednesday
Date: 1/18/2023

City: Valley Center
Project #: CA23_040013_002

DAILY TOTALS					NB	SB	EB				WB	Total
					4,753	5,784	0				0	10,537
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL
00:00	2	4			6		12:00	79	56			135
00:15	0	5			5		12:15	75	68			143
00:30	0	2			2		12:30	71	82			153
00:45	1	3	3	14	4	17	12:45	83	308	67	273	150 581
01:00	0	3			3		13:00	90	70			160
01:15	2	0			2		13:15	93	106			199
01:30	0	1			1		13:30	94	87			181
01:45	0	2	3	7	3	9	13:45	100	377	118	381	218 758
02:00	0	3			3		14:00	151	118			269
02:15	0	1			1		14:15	142	187			329
02:30	0	2			2		14:30	90	179			269
02:45	0	3	9		3	9	14:45	93	476	121	605	214 1081
03:00	0	0			0		15:00	171	118			289
03:15	0	4			4		15:15	109	87			196
03:30	0	6			6		15:30	121	96			217
03:45	0	3	13		3	13	15:45	140	541	103	404	243 945
04:00	0	11			11		16:00	135	115			250
04:15	1	14			15		16:15	139	107			246
04:30	0	18			18		16:30	158	96			254
04:45	0	1	20	63	20	64	16:45	131	563	92	410	223 973
05:00	1	22			23		17:00	157	90			247
05:15	1	39			40		17:15	163	64			227
05:30	0	43			43		17:30	152	65			217
05:45	7	9	48	152	55	161	17:45	86	558	67	286	153 844
06:00	11	86			97		18:00	51	79			130
06:15	56	77			133		18:15	26	60			86
06:30	49	120			169		18:30	26	48			74
06:45	81	197	108	391	189	588	18:45	27	130	51	238	78 368
07:00	137	147			284		19:00	24	53			77
07:15	208	192			400		19:15	11	36			47
07:30	64	204			268		19:30	6	32			38
07:45	62	471	214	757	276	1228	19:45	8	49	33	154	41 203
08:00	76	149			225		20:00	10	20			30
08:15	82	114			196		20:15	9	37			46
08:30	81	90			171		20:30	14	49			63
08:45	77	316	114	467	191	783	20:45	10	43	52	158	62 201
09:00	46	94			140		21:00	8	18			26
09:15	49	71			120		21:15	3	16			19
09:30	52	81			133		21:30	4	11			15
09:45	52	199	76	322	128	521	21:45	4	19	15	60	19 79
10:00	51	65			116		22:00	6	8			14
10:15	40	72			112		22:15	8	8			16
10:30	52	79			131		22:30	3	10			13
10:45	63	206	80	296	143	502	22:45	1	18	6	32	7 50
11:00	70	72			142		23:00	2	5			7
11:15	67	59			126		23:15	0	5			5
11:30	51	59			110		23:30	2	7			9
11:45	74	262	81	271	155	533	23:45	1	5	4	21	5 26
TOTALS	1666	2762			4428		TOTALS	3087	3022			6109
SPLIT %	37.6%	62.4%			42.0%		SPLIT %	50.5%	49.5%			58.0%

DAILY TOTALS					NB	SB	EB				WB	Total
					4,753	5,784	0				0	10,537
AM Peak Hour	06:45	07:15			07:00		PM Peak Hour	16:30	14:00			14:15
AM Pk Volume	490	759			1228		PM Pk Volume	609	605			1101
Pk Hr Factor	0.589	0.887			0.768		Pk Hr Factor	0.934	0.809			0.837
7 - 9 Volume	787	1224	0	0	2011		4 - 6 Volume	1121	696	0	0	1817
7 - 9 Peak Hour	07:00	07:15			07:00		4 - 6 Peak Hour	16:30	16:00			16:00
7 - 9 Pk Volume	471	759	0	0	1228		4 - 6 Pk Volume	609	410	0	0	973
Pk Hr Factor	0.566	0.887	0.000	0.000	0.768		Pk Hr Factor	0.934	0.891	0.000	0.000	0.958



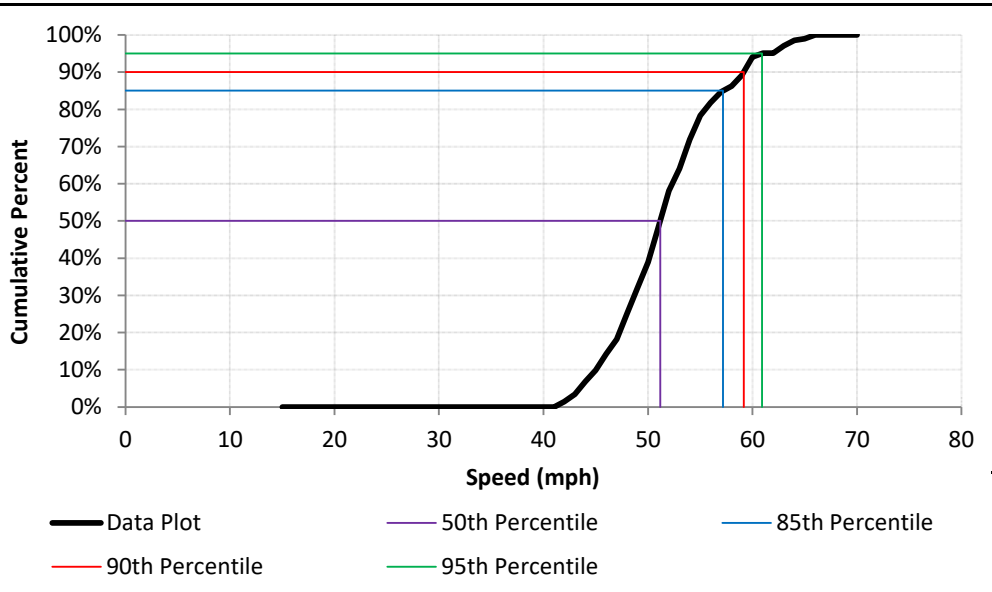
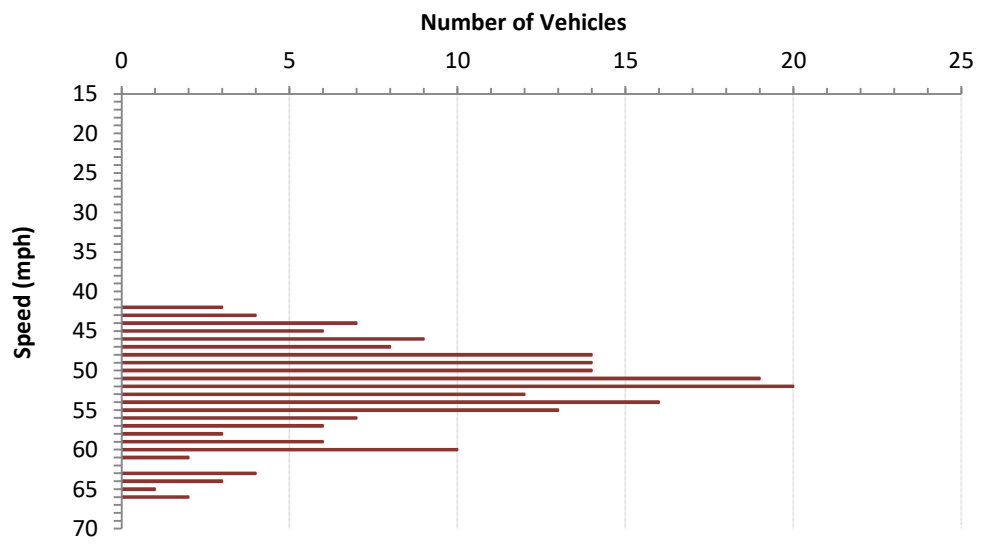
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Cole Grade Rd	From:	McNally Rd	To:	550' N/o Fruitvale Rd
Position:	150' S/o Bernabeo Ct	Direction:	NB/SB		

Date:	1/24/2023	Weather:	Clear	Project Number:	23-040014-002
Time Start:	1:00 PM	Road Condition:	Dry	Observer:	Contractor
Time End:	3:00 PM	Posted Speed:	55 MPH	Calibration Test:	Y

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		
41		



DATA ANALYSIS					
62					
63	4	97.0%	Average Speed	52.1	Range 42 - 66
64	3	98.5%	50th Percentile	51.2	10 mph Pace 46 - 55
65	1	99.0%	85th Percentile	57.2	Number in Pace 139
66	2	100.0%	90th Percentile	59.2	Percent in Pace 68%
67			95th Percentile	60.9	
68					
69					
70					
Total	203				



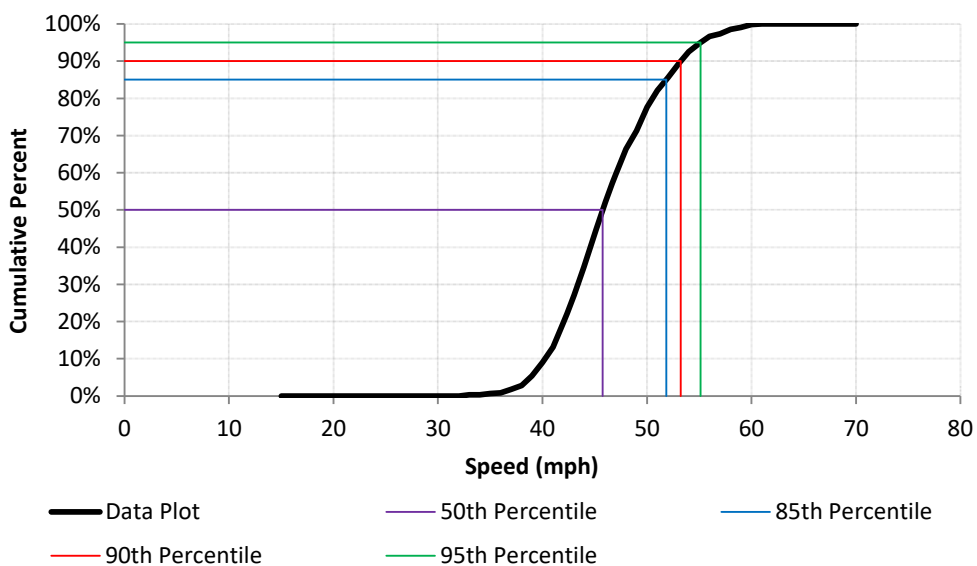
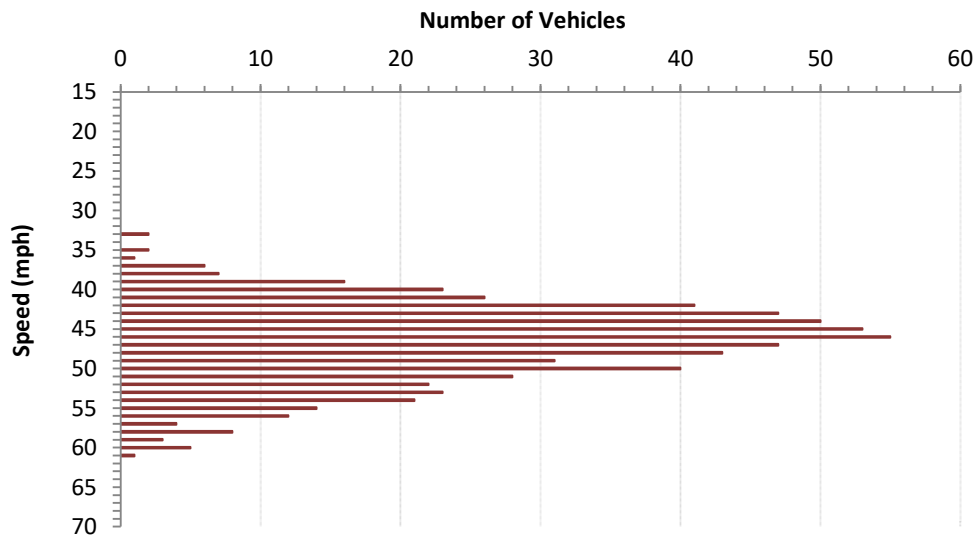
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Cole Grade Rd	From:	McNally Rd	To:	550' N/o Fruitvale Rd
Position:	450' N/o Margarita Ln	Direction:	NB/SB		

Date:	1/26/2023	Weather:	Clear	Project Number:	23-040014-004
Time Start:	9:00 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	11:00 AM	Posted Speed:	55 MPH	Calibration Test:	Y

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	2	0.3%
34		
35	2	0.6%
36	1	0.8%
37	6	1.7%
38	7	2.9%
39	16	5.4%
40	23	9.0%
41	26	13.2%
42	41	19.7%
43	47	27.1%
44	50	35.0%
45	53	43.4%
46	55	52.1%
47	47	59.6%
48	43	66.4%
49	31	71.3%
50	40	77.7%
51	28	82.1%
52	22	85.6%
53	23	89.2%
54	21	92.6%
55	14	94.8%
56	12	96.7%
57	4	97.3%
58	8	98.6%
59	3	99.0%
60	5	99.8%
61	1	100.0%
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	631	



DATA ANALYSIS

Average Speed	46.8	Range	33 - 61
50th Percentile	45.8	10 mph Pace	42 - 51
85th Percentile	51.8	Number in Pace	435
90th Percentile	53.2	Percent in Pace	69%
95th Percentile	55.1		



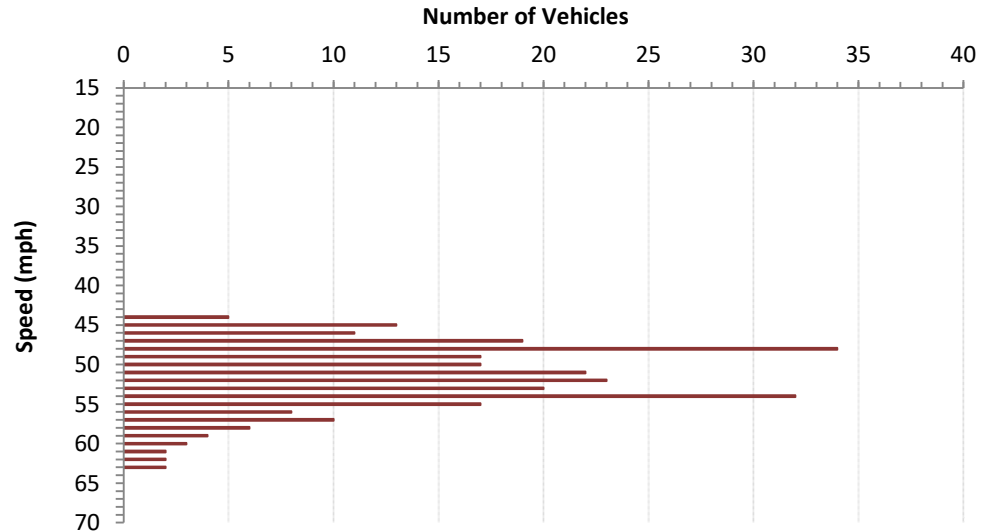
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

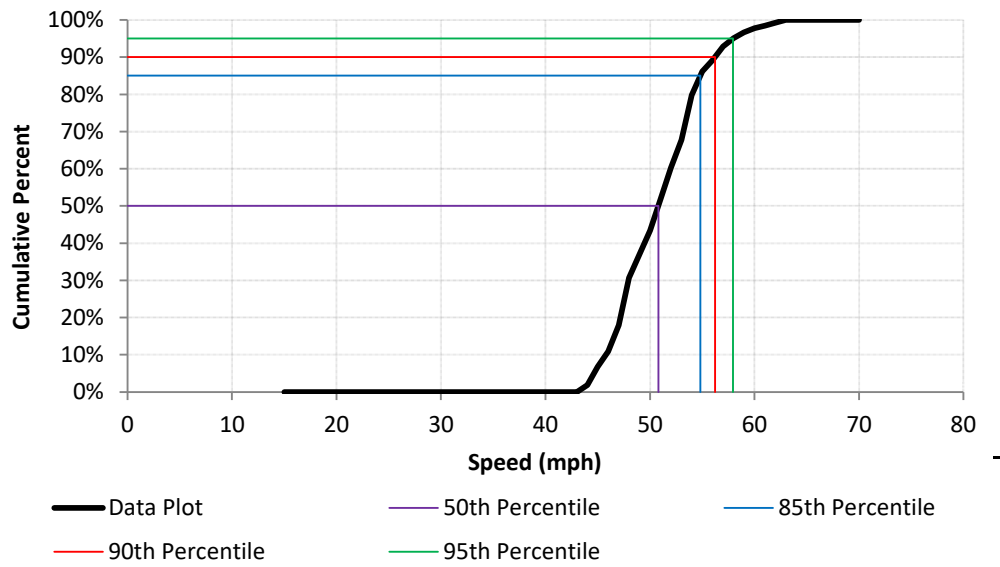
Road Name:	Cole Grade Rd	From:	McNally Rd	To:	550' N/o Fruitvale Rd
Position:	150' N/o Ava Ln	Direction:	NB/SB		

Date:	1/24/2023	Weather:	Clear	Project Number:	23-040014-001
Time Start:	9:00 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	11:00 AM	Posted Speed:	55 MPH	Calibration Test:	Y

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		
41		
42		
43		
44	5	1.9%
45	13	6.7%
46	11	10.9%
47	19	18.0%
48	34	30.7%
49	17	37.1%
50	17	43.4%
51	22	51.7%
52	23	60.3%
53	20	67.8%
54	32	79.8%
55	17	86.1%
56	8	89.1%
57	10	92.9%
58	6	95.1%
59	4	96.6%
60	3	97.8%
61	2	98.5%
62	2	99.3%
63	2	100.0%



DATA ANALYSIS				
Average Speed	51.4	Range	44 - 63	
50th Percentile	50.8	10 mph Pace	46 - 55	
85th Percentile	54.8	Number in Pace	212	
90th Percentile	56.2	Percent in Pace	79%	
95th Percentile	57.9			
Total	267			



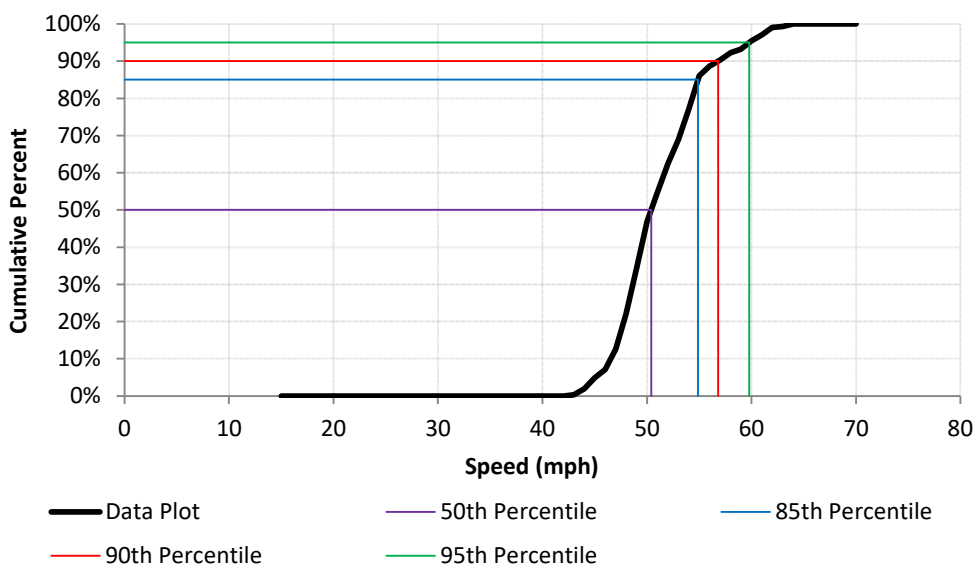
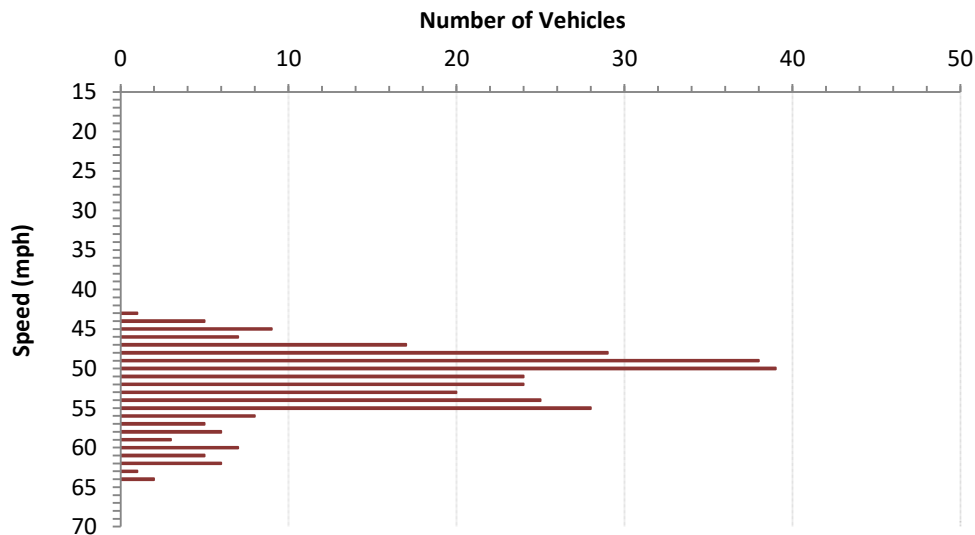
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Cole Grade Rd	From:	McNally Rd	To:	550' N/o Fruitvale Rd
Position:	150' S/o Bernabeo Ct	Direction:	NB/SB		

Date:	1/24/2023	Weather:	Clear	Project Number:	23-040014-002
Time Start:	1:00 PM	Road Condition:	Dry	Observer:	Contractor
Time End:	3:00 PM	Posted Speed:	55 MPH	Calibration Test:	Y

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		
41		
42		
43	1	0.3%
44	5	1.9%
45	9	4.9%
46	7	7.1%
47	17	12.6%
48	29	22.0%
49	38	34.3%
50	39	46.9%
51	24	54.7%
52	24	62.5%
53	20	68.9%
54	25	77.0%
55	28	86.1%
56	8	88.7%
57	5	90.3%
58	6	92.2%
59	3	93.2%
60	7	95.5%
61	5	97.1%
62	6	99.0%
63	1	99.4%
64	2	100.0%
65		
66		
67		
68		
69		
70		
Total	309	

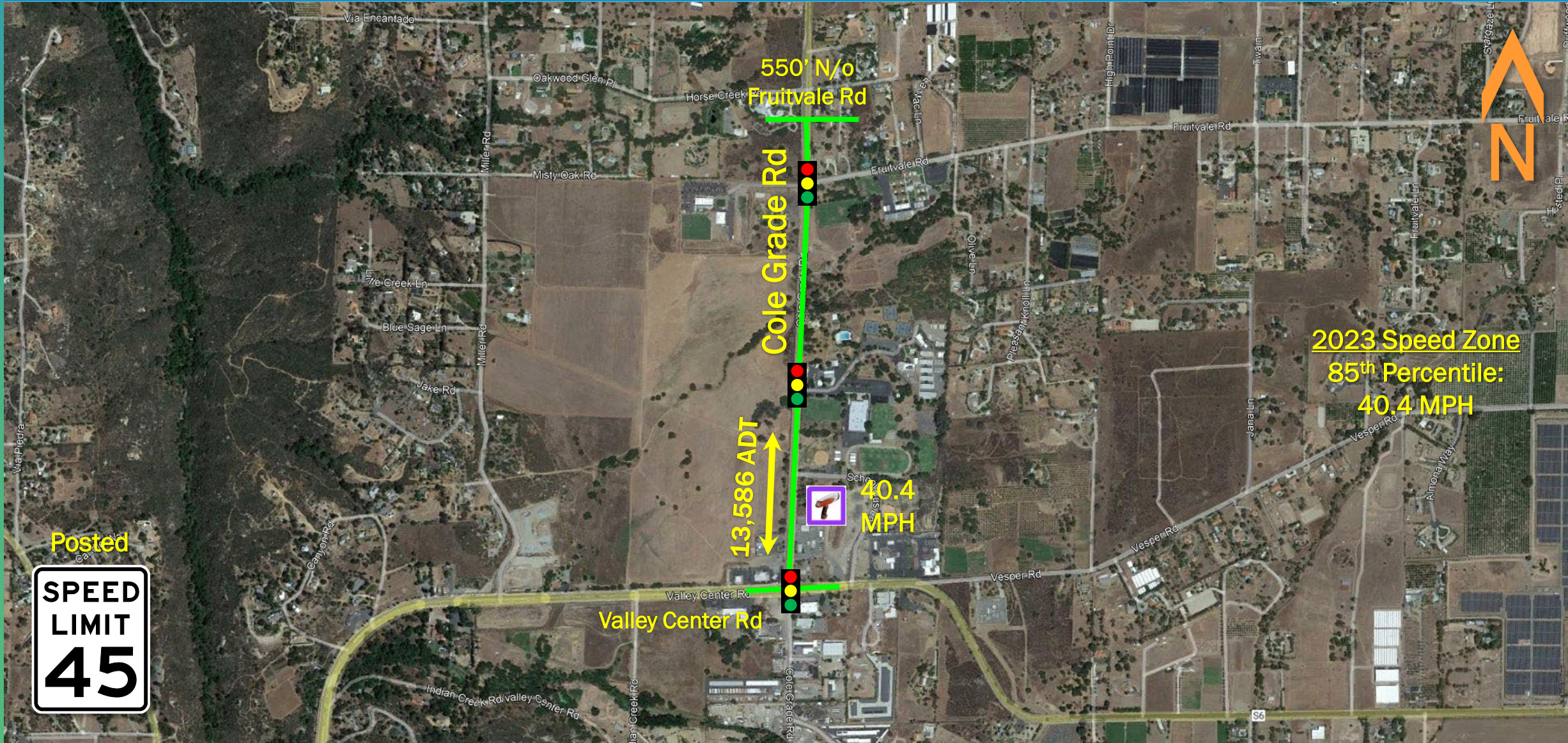


DATA ANALYSIS

Average Speed	51.7	Range	43 - 64
50th Percentile	50.4	10 mph Pace	47 - 56
85th Percentile	54.9	Number in Pace	252
90th Percentile	56.8	Percent in Pace	82%
95th Percentile	59.8		

Cole Grade Road

550' north of Fruitvale Road to Valley Center Road
0.77 miles



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: April 28, 2023

Item 5-E

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Certification

LOCATION: Cole Grade Road from 550' north of Fruitvale Road to Valley Center Road (a distance of 0.77 miles) VALLEY CENTER (Thos. Bros. 1070-F7)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Cole Grade Road from 550' north of Fruitvale Road to Valley Center Road is currently posted with a 45 MPH, radar enforced, speed limit. A preliminary review of prevailing speeds and roadway conditions could support radar certification of a 40 MPH speed limit.

Existing Traffic Devices

Cole Grade Road is a striped 2 lane through highway measuring 42 to 58 feet wide. There is edge striping and a two-way left turn lane. There are three signalized intersections along this segment of Cole Grade Road at Fruitvale Road, Valley Center School Road, and Valley Center Road. The road is posted with bike lane with no parking, flashing school zone, community park, and fire station advisory. Cole Grade Rd from Fruitvale Road to Valley Center Road is classified as a Boulevard on the County General Plan Mobility Element Network. The road is posted with a 45 MPH, radar enforced, speed limit.

Average Daily Traffic Volumes

Cole Grade Road:

700' N/o Valley Center Road

02/23

13,586

02/16

17,214

Speed Data

Cole Grade Road:

700' N/o Valley Center Road

**85th
Percentile**

(2023) 40.4 MPH
(2016) 48.0 MPH

**10 MPH
Pace**

33-42
40-49

**% in
Pace**

86.0%
87.0%

Collision Data

There have been 6 reported collisions, 2 of which involved an injury, along this segment of roadway in a 3-year period (2020-01-01 to 2022-12-31). These collisions result in a segment accident rate of 0.52 collisions per million vehicle miles. The statewide average is 1.09 collisions per million vehicle miles for similar rural, flat, conventional 2 lanes or less, with speeds less than or equal to 55 MPH.

VOLUME

Cole Grade Rd N/O 700' Valley Center Rd

Day: Wednesday
Date: 1/18/2023

City: Valley Center
Project #: CA23_040013_003

DAILY TOTALS					NB	SB	EB				WB	Total
					6,844	6,742	0				0	13,586
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL
00:00	8	2			10		12:00	89	83			172
00:15	7	4			11		12:15	84	85			169
00:30	6	2			8		12:30	89	99			188
00:45	7	28	4	12	11	40	12:45	94	356	80	347	174 703
01:00	4	2			6		13:00	116	65			181
01:15	6	0			6		13:15	110	100			210
01:30	7	1			8		13:30	124	107			231
01:45	2	19	2	5	4	24	13:45	162	512	117	389	279 901
02:00	2	4			6		14:00	154	139			293
02:15	3	3			6		14:15	101	225			326
02:30	4	1			5		14:30	108	189			297
02:45	1	10	3	11	4	21	14:45	143	506	115	668	258 1174
03:00	2	2			4		15:00	163	136			299
03:15	1	2			3		15:15	130	152			282
03:30	1	4			5		15:30	161	110			271
03:45	1	5	3	11	4	16	15:45	165	619	123	521	288 1140
04:00	2	4			6		16:00	158	137			295
04:15	2	10			12		16:15	184	128			312
04:30	4	14			18		16:30	188	123			311
04:45	5	13	14	42	19	55	16:45	163	693	120	508	283 1201
05:00	6	24			30		17:00	195	113			308
05:15	7	34			41		17:15	183	87			270
05:30	22	46			68		17:30	155	98			253
05:45	32	67	41	145	73	212	17:45	132	665	83	381	215 1046
06:00	28	86			114		18:00	130	104			234
06:15	51	96			147		18:15	95	65			160
06:30	54	142			196		18:30	120	51			171
06:45	85	218	132	456	217	674	18:45	159	504	38	258	197 762
07:00	143	153			296		19:00	110	47			157
07:15	169	189			358		19:15	76	34			110
07:30	97	215			312		19:30	56	35			91
07:45	131	540	241	798	372	1338	19:45	49	291	32	148	81 439
08:00	168	204			372		20:00	73	22			95
08:15	122	187			309		20:15	66	27			93
08:30	79	122			201		20:30	54	49			103
08:45	87	456	134	647	221	1103	20:45	54	247	63	161	117 408
09:00	52	113			165		21:00	54	20			74
09:15	55	92			147		21:15	35	12			47
09:30	64	97			161		21:30	37	15			52
09:45	62	233	93	395	155	628	21:45	33	159	11	58	44 217
10:00	53	85			138		22:00	42	13			55
10:15	51	90			141		22:15	29	8			37
10:30	53	99			152		22:30	21	10			31
10:45	68	225	107	381	175	606	22:45	16	108	7	38	23 146
11:00	90	101			191		23:00	16	4			20
11:15	81	69			150		23:15	16	3			19
11:30	60	77			137		23:30	12	5			17
11:45	82	313	102	349	184	662	23:45	13	57	1	13	14 70
TOTALS	2127	3252			5379		TOTALS	4717	3490			8207
SPLIT %	39.5%	60.5%			39.6%		SPLIT %	57.5%	42.5%			60.4%

DAILY TOTALS					NB	SB	EB				WB	Total
					6,844	6,742	0				0	13,586
AM Peak Hour	07:15	07:15			07:15		PM Peak Hour	16:15	13:45			16:15
AM Pk Volume	565	849			1414		PM Pk Volume	730	670			1214
Pk Hr Factor	0.836	0.881			0.950		Pk Hr Factor	0.936	0.744			0.973
7 - 9 Volume	996	1445	0	0	2441		4 - 6 Volume	1358	889	0	0	2247
7 - 9 Peak Hour	07:15	07:15			07:15		4 - 6 Peak Hour	16:15	16:00			16:15
7 - 9 Pk Volume	565	849	0	0	1414		4 - 6 Pk Volume	730	508	0	0	1214
Pk Hr Factor	0.836	0.881	0.000	0.000	0.950		Pk Hr Factor	0.936	0.927	0.000	0.000	0.973

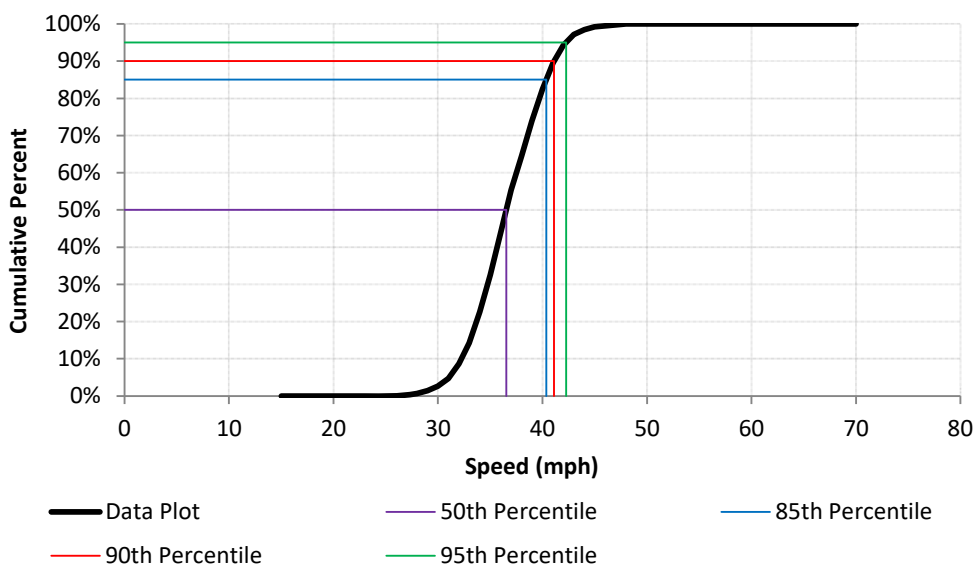
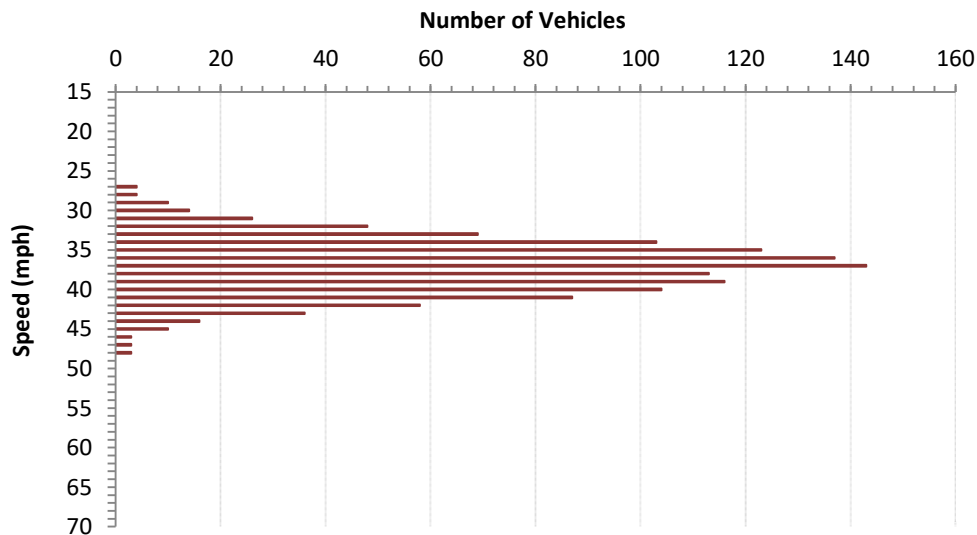


RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Cole Grade Rd	From:	Valley Center Rd	To:	550' N/o Fruitvale Rd
Position:	700' N/o Valley Center Rd	Direction:	NB/SB		
Date:	1/26/2023	Weather:	Clear	Project Number:	23-040014-005
Time Start:	11:13 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	1:13 PM	Posted Speed:	45 MPH	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27	4	0.3%
28	4	0.7%
29	10	1.5%
30	14	2.6%
31	26	4.7%
32	48	8.6%
33	69	14.2%
34	103	22.6%
35	123	32.6%
36	137	43.7%
37	143	55.4%
38	113	64.6%
39	116	74.0%
40	104	82.4%
41	87	89.5%
42	58	94.2%
43	36	97.2%
44	16	98.5%
45	10	99.3%
46	3	99.5%
47	3	99.8%
48	3	100.0%
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	1230	



DATA ANALYSIS

Average Speed	37.1	Range	27 - 48
50th Percentile	36.5	10 mph Pace	33 - 42
85th Percentile	40.4	Number in Pace	1053
90th Percentile	41.1	Percent in Pace	86%
95th Percentile	42.3		