CITY OF RIDGECREST
RIDGECREST, CALIFORNIA

SPEED ZONE SURVEY

PREPARED BY:
HALL & FOREMAN, INC.
14297 CAJON STREET, #101
VICTORVILLE, CA 92392

DRAFT REPORT

November 19, 2008

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Hall & Foreman, Inc.
Engineering • Surveying • Planning • Landscape Architecture

November 19, 2008 Job No. VV.090142.0000

Mr. Dennis Speer
City of Ridgecrest
100 West California Avenue
Ridgecrest, CA 93555
(760) 499-5000

Re: City-Wide Speed Zone Surveys

Dear Mr. Speer:

As requested, please find attached the report for the City Wide Speed Zone Surveys. The report outlines the existing and the recommended 85th percentile speed limits at the survey locations. In addition, the report also recommends the installation of speed limit signs at the locations where speed limit signs currently do not exist. The surveys were conducted in the week of October 13, 2008 at 42 survey locations.

Should you have any questions, please do not hesitate to contact me at (760) 524-9100, ext. 115.

Sincerely,

Hall & Foreman, Inc.

Robert A. Kilpatrick, PE, TE
Project Director/Associate
High Desert Office

REGISTERED PROFESSIONAL ENGINEER
ROBERT A. KILPATRICK
No. 1573
Exp. 6-30-09
TRAFFIC
STATE OF CALIFORNIA

California Manual on Uniform Traffic Control Devices (CAMUTCD) requires the state and local agencies to reevaluate non-statutory speed limits on their roadways every 5, 7 or 10 years depending on the changes in the traffic or roadway conditions. The City of Ridgecrest requested Speed zone survey at 42 locations along China Lake Blvd, Norma Street, Downs Street, College Heights Blvd, Drummond Avenue, Las Flores Avenue, Ridgecrest Blvd., Upjohn Avenue and Bowman Road as a part of their Speed limit re-evaluation. The approximate survey locations are illustrated in Exhibit A.

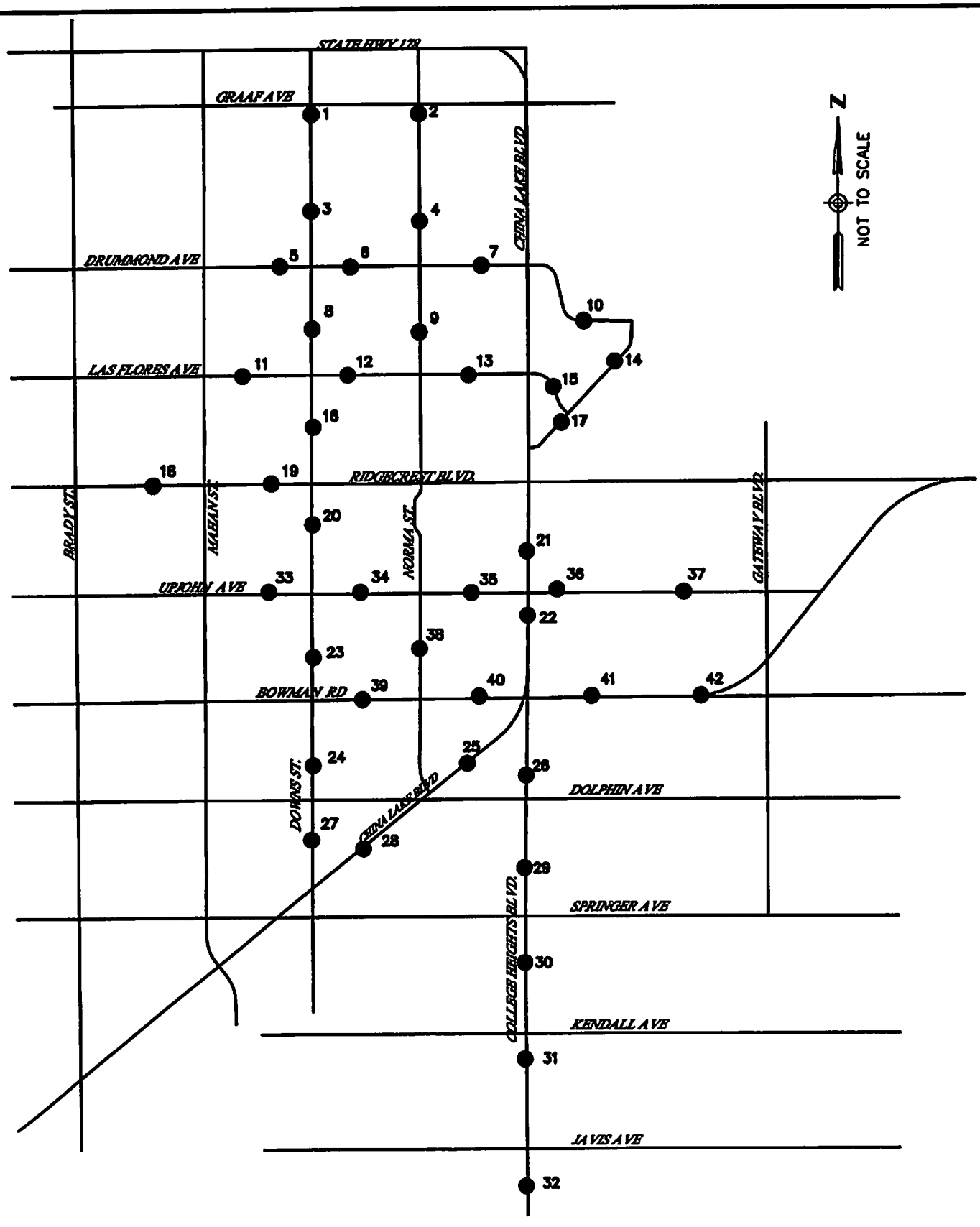
Newport Traffic Studies (NTS), a professional counting firm conducted Speed Zone Surveys at the study locations during the week of October 13, 2008. 24 hour counts at the study locations were also obtained with the use of Pnuematic tubes. One hour speed survey at the study locations were conducted using Radar meter. This device directly measures the speed of the vehicles and are commonly used for spot speed studies. To obtain free flowing (unimpeded) speed at the study locations, the Radar Survey was conducted on a clear day during the non-peak hour period. The manual Radar Survey was conducted for an hour and at least 50 vehicles were surveyed at the study locations as required by the CAMUTCD. The results from the survey are attached in the appendix.

The locations selected for the Speed Zone Survey are as follows:

1 N.DOWNS BETWEEN INYOKERN ROAD AND WARD AVE
2 N.NORMA BETWEEN INYOKERN AND WARD AVE
3 N.DOWNS BETWEEN DRUMMOND AND WARD AVE
4 N.NORMA BETWEEN DRUMMOND AND WARD AVE
5 DRUMMOND AVE BETWEEN MAHAN ST AND DOWNS AVE
6 DRUMMOND AVE BETWEEN DOWNS ST NORMA ST.
7 DRUMMOND AVE BETWEEN NORMA ST AND CHINA LAKE BLVD.
8 N.DOWNS BETWEEN DRUMMOND AND LAS FLORES AVE
9 N.NORMA BETWEEN DRUMMOND AVE LAS FLORES AVE
10 DRUMMOND AVE BETWEEN CHINA LAKE BLVD AND KNOX ROAD.
11 LAS FLORES AVE BETWEEN MAHAN ST AND DOWNS ST.
12 LAS FLORES AVE BETWEEN DOWNS ST AND NORMA ST.
13 LAS FLORES AVE BETWEEN NORMA ST AND CHINA LAKE BLVD.
14 FRENCH AVE BETWEEN LAS FLORES AND DRUMMOND AVE
15 LAS FLORES AVE BETWEEN CHINA LAKE BLVD AND FRENCH AVE.
16 N.DOWNS BETWEEN LAS FLORES AVE AND RIDGECREST BLVD.
17 FRENCH AVE BETWEEN CHINA LAKE BLVD. AND LAS FLORES AVE.
18 RIDGECREST BLVD. BETWEEN BRADY STREET AND MAHAN ST
19 RIDGECREST BLVD. BETWEEN MAHAN STREET AND DOWNS STREET
20 S.DOWNS BETWEEN UPJOHN AVE AND RIDGECREST BLVD.
21 CHINA LAKE BLVD BETWEEN UPJOHN AVE AND RIDGECREST BLVD.
22 CHINA LAKE BLVD BETWEEN BOWMAN ROAD AND UPJOHN AVE
23 S.DOWNS BETWEEN BOWMAN RD AND UPJOHN AVE.
24 S.DOWNS BETWEEN DOLPHIN AVE. AND BOWMAN ROAD
25 CHINA LAKE BLVD BETWEEN COLLEGE HGTS AND BOWMAN AVE
26 COLLEGE HEIGHTS BETWEEN CHINA LAKE AND DOLPHIN
27 S.DOWNS BETWEEN DOLPHIN AVE AND CHINA LAKE BLVD.

28 CHINA LAKE BLVD BETWEEN DOLPHIN AND SARATOGA AVE
29 COLLEGE HEIGHTS BETWEEN DOLPHIN AVE AND SPRINGER AVE
30 COLLEGE HEIGHTS BETWEEN KENDALL AVE AND SPRINGER AVE
31 COLLEGE HEIGHTS BETWEEN JAVIS AND KENDALL AVE
32 COLLEGE HEIGHTS S/O JAVIS AVE
33 UPJOHN ROAD BETWEEN MAHAN ST AND DOWNS AVE..
34 UPJOHN ROAD BETWEEN S.DOWNS AND S.NORMA STREET.
35 UPJOHN ROAD BETWEEN NORMA ST &CHINA LAKE BLVD.
36 UPJOHN ROAD BETWEEN CHINA LAKE BLVD. AND SUNLAND DR.
37 UPJOHN ROAD BETWEEN SUNLAND DR & GATEWAY BLVD.
38 S.NORMA BETWEEN UPJOHN ROAND AND BOWMAN RD.
39 BOWMAN ROAD BETWEEN DOWNS STREET AND NORMA ST
40 BOWMAN ROAD BETWEEN NORMA ST & CHINA LAKE BLVD.
41 BOWMAN ROAD BETWEEN CHINA LAKE BLVD. AND SUNLAND DR.
42 BOWMAN ROAD BET SUNLAND DRIVE& GATEWAY BLVD.

The data compiled from the survey is attached to this report and the results are summarized in Table 1. As illustrated in Table 1, the recommended speed limit is based on the 85TH percentile speed. 85TH percentile speed is the speed at or below which 85 percent of the free flowing vehicles are traveling. Setting the speed limit closer to 85TH percentile would encourage most drivers to travel at more uniform speed thereby minimizing conflicts between vehicles. Furthermore, the 85TH percentile speed corresponds to the upper limit of 10 mph pace. Pace is a 10 mph increment in speed that encompasses the majority of speed.



Hall & Foreman, Inc.

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SPOT SPEED SURVEY LOCATIONS

RIDGECREST, CALIFORNIA

EXHIBIT

A

2008-2009 SPOT SPEED STUDY
CITY OF RIDGECREST

Table 1

	STUDY LOCATIONS	Hourly Traffic Volumes	Posted Speed Limit (mph)	85TH Percentile Speed (mph)	50TH Percentile Speed (mph)	Speed change (mph)	Recommended Speed Limit (mph)
1	N.DOWNS BET INYOKERN/WARD	219	45	46.47	40.76	0	45
2	N.NORMA BET INYOKERN/WARD AVE	208	N/A	38.32	34.21	N/A	40
3	N.DOWNS BET WARD\DRUMMOND AVE	88	45	48.45	43.55	0*	45*
4	N.NORMA BET WARD/DRUMMOND	268	N/A	46.38	41.31	N/A	40
5	DRUMMOND AVE BET MAHAN /DOWNS ST	94	40	37.3	33	-5	35
6	DRUMMOND AVE BET DOWNS /NORMA ST.	202	40	43.05	38.35	0*	40*
7	DRUMMOND AVE BET NORMA/CHINA LAKE BLVD.	200	35	40.44	35.83	5	40
8	N.DOWNS BET DRUMMOND/LAS FLORES	214	45	47.19	42.24	0	45
9	N.NORMA BET DRUMMOND/ LAS FLORES	210	25	40.35	36.41	15	40
10	DRUMMOND AVE BET CHINA LAKE/KNOX	134	35	42.18	36.67	5	40
11	LAS FLORES AVE BET MAHAN/DOWNS ST.	96	35	38.37	35	5	40
12	LAS FLORES AVE BET DOWN/NORMA ST.	214	25	35.89	30.84	10	35
13	LAS FLORES AVE BET NORMA/CHINA LAKE BLVD.	207	40	43.4	37.53	0*	40*
14	FRENCH AVE BET LAS FLORES AVE/DRUMMOND	130	35	44.63	39.83	5	40
15	LAS FLORES AVE BET CHINA LAKE/FRENCH	135	35	34.2	29.63	0	35
16	N.DOWNS BET LAS FLORES/RIDGECREST BLVD.	225	45	47.57	41.97	0	45
17	FRENCH AVE BET CHINA LAKE/LAS FLORES AVE	211	35	42.04	34.11	5	40
18	RIDGECREST BLVD.BET BRADY/MAHAN	182	45	56.1	48.89	10	55
19	RIDGECREST BLVD.BET MAHAN/DOWNS	152	45	49.8	45	5	50
20	S.DOWNS BET RIDGECREST/UPJOHN RD.	206	35	41.23	36.87	5	40

* 5mph reduction below 85TH percentile speed.

2008-2009 SPOT SPEED STUDY
CITY OF RIDGECREST

Table 1

	STUDY LOCATIONS	Hourly Traffic Volumes	Posted Speed Limit (mph)	85TH Percentile Speed (mph)	50TH Percentile Speed (mph)	Speed change (mph)	Recommended Speed Limit (mph)
21	CHINA LAKE BLVD BET RIDGECREST/UPJOHN	207	35	35.9	31.98	0	35
22	CHINA LAKE BLVD BET UPJOHN/BOWMAN	206	35	37.86	34.04	0*	35*
23	S.DOWNS BET UPJOHN/BOWMAN RD.	212	45	48.53	42.94	0*	45*
24	S.DOWNS BET BOWMAN/DOLPHIN AVE.	188	45	48.53	43.82	0*	45*
25	CHINA LAKE BLVD BET COLLEGE HGTS/DOLPHIN	205	45	48.66	43.74	0*	45*
26	COLLEGE HEIGHTS BET CHINA LAKE/DOLPHIN	201	45	47.85	42.98	0*	45*
27	S.DOWNS BET DOLPHIN/CHINA LAKE BLVD.	129	45	46.44	41.25	0	45
28	CHINA LAKE BLVDS BET DOLPHIN AND DOWNS	177	45	57.08	51.54	10	55
29	COLLEGE HEIGHTS BET DOLPHIN/SPRINGER	203	45	51.26	46.07	0*	45*
30	COLLEGE HEIGHTS BET SPRINGER/KENDALL	209	45	52.58	46.97	5	50
31	COLLEGE HEIGHTS BET KENDALL/JAVIS AVE	197	N/A	55.56	47.94	N/A*	50*
32	COLLEGE HEIGHTS S/O JAVIS AVE	169	N/A	54.66	48.96	N/A*	50*
33	UPJOHN ROAD BET MAHAN ST/DOWNS.	138	25	39.26	33.57	15	40
34	UPJOHN ROAD BET DOWNS/ NORMA ST.	212	35	41.36	36.29	5	40
35	UPJOHN ROAD BET NORMA/CHINA LAKE BLVD.	225	35	41.32	35.92	5	40
36	UPJOHN ROAD BET CHINA LAKE/SUNLAND	208	40	39.07	34.15	0	40
37	UPJOHN ROAD BET SUNLAND/GATEWAY	200	N/A	38.57	33.67	N/A	40
38	S.NORMA BET UPJOHN/BOWMAN RD.	203	25	39.32	34.42	15	40
39	BOWMAN ROAD BET DOWNS/NORMA	180	N/A	47.71	41.54	N/A*	45*
40	BOWMAN ROAD BET NORMA/CHINA LAKE BLVD.	211	N/A	43.15	38.18	N/A	45
41	BOWMAN ROAD BET CHINA LAKE/ SUNLAND	201	35	45.98	41.09	15	50
42	BOWMAN ROAD BET SUNLAND/GATEWAY	207	N/A	51.289	44.28	N/A	50

* 5mph reduction below 85TH percentile speed.

Based on the 85th percentile speed criteria and engineering judgement, it is recommended to update the speed limits at the following locations.

2 N.NORMA BETWEEN INYOKERN AND WARD AVE
It is recommended to install 40 mph speed limit signs.

4 N.NORMA BETWEEN WARD AVE AND DRUMMOND AVE
It is recommended to install 40 mph speed limit signs.

5 DRUMMOND AVE BETWEEN MAHAN AND DOWNS ST.
It is recommended to reduce the speed limit from the existing speed limit of 40mph to35mph.

7 DRUMMOND AVE BETWEEN NORMA ST AND CHINA LAKE BLVD.
It is recommended that the speed limit be increased from the existing speed limit of 35 mph to a new speed limit of 40 mph.

9 N.NORMA BETWEEN DRUMMOND AVE AND LAS FLORES AVE
It is recommended that the speed limit be increased from the existing speed limit of 25 mph to a new speed limit of 40 mph.

10 DRUMMOND AVE BETWEEN CHINA LAKE BLVD AND KNOX ROAD.
It is recommended that the speed limit be increased from the existing speed limit of 35 mph to a new speed limit of 40 mph.

11 LAS FLORES AVE BETWEEN MAHAN ST AND DOWNS ST.
It is recommended that the speed limit be increased from the existing speed limit of 35 mph to a new speed limit of 40 mph.

12 LAS FLORES AVE BETWEEN DOWNS ST AND NORMA ST.
It is recommended that the speed limit be increased from the existing speed limit of 25 mph to a new speed limit of 35 mph.

14 FRENCH AVE BETWEEN LAS FLORES AND DRUMMOND AVE
It is recommended that the speed limit be increased from the existing speed limit of 35 mph to a new speed limit of 45 mph.

17 FRENCH AVE BETWEEN CHINA LAKE BLVD. AND LAS FLORES AVE.
It is recommended that the speed limit be increased from the existing speed limit of 35 mph to a new speed limit of 40 mph.

18 RIDGECREST BLVD. BETWEEN BRADY STREET AND MAHAN ST
It is recommended that the speed limit be increased from the existing speed limit of 45 mph to a new speed limit of 55 mph.

19 RIDGECREST BLVD. BETWEEN MAHAN STREET AND DOWNS STREET
It is recommended that the speed limit be increased from the existing speed limit of 45 mph to a new speed limit of 50 mph.

20 S.DOWNS BETWEEN UPJOHN AVE AND RIDGECREST BLVD.
It is recommended that the speed limit be increased from the existing speed limit of 35 mph to a new speed limit of 40 mph.

24 S.DOWNS BETWEEN DOLPHIN AVE. AND BOWMAN ROAD
It is recommended that the speed limit be increased from the existing speed limit of 45 mph to a new speed limit of 50 mph.

28 CHINA LAKE BLVD BETWEEN DOLPHIN AND DOWNS AVE
It is recommended that the speed limit be increased from the existing speed limit of 45 mph to a new speed limit of 55 mph.

30 COLLEGE HEIGHTS BETWEEN KENDALL AVE AND SPRINGER AVE
It is recommended to post speed limit signs of 50mph.

31 COLLEGE HEIGHTS BETWEEN JAVIS AND KENDALL AVE
It is recommended to post speed limit signs of 50mph.

32 COLLEGE HEIGHTS S/O JAVIS AVE
It is recommended to post speed limit signs of 50mph.

33 UPJOHN ROAD BETWEEN MAHAN ST AND DOWNS AVE.
It is recommended that the speed limit be increased from the existing speed limit of 25 mph to a new speed limit of 40 mph.

34 UPJOHN ROAD BETWEEN S.DOWNS AND S.NORMA STREET.
It is recommended that the speed limit be increased from the existing speed limit of 35 mph to a new speed limit of 40 mph.

35 UPJOHN ROAD BETWEEN NORMA ST &CHINA LAKE BLVD.
It is recommended that the speed limit be increased from the existing speed limit of 35 mph to a new speed limit of 40 mph.

37 UPJOHN ROAD BETWEEN SUNLAND DR & GATEWAY BLVD.
It is recommended to post speed limit signs of 40mph.

38 S.NORMA BETWEEN UPJOHN ROAND AND BOWMAN RD.
It is recommended that the speed limit be increased from the existing speed limit of 25 mph to a new speed limit of 40 mph.

39 BOWMAN ROAD BETWEEN DOWNS STREET AND NORMA ST
It is recommended to post speed limit signs of 45mph.

40 BOWMAN ROAD BETWEEN NORMA ST & CHINA LAKE BLVD.
It is recommended to post speed limit signs of 45mph.

41 BOWMAN ROAD BETWEEN CHINA LAKE BLVD. AND SUNLAND DR.
It is recommended that the speed limit be increased from the existing speed limit of 35 mph to a new speed limit of 50 mph.

42 BOWMAN ROAD BET SUNLAND DRIVE& GATEWAY BLVD.
It is recommended to post speed limit signs of 50 mph.

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION DOWNS INYOKERN/WARD

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	35.64
DATE	10-13-08	50th PERCENTILE SPEED	40.76
DAY OF WEEK	Monday	85th PERCENTILE SPEED	46.47
TIME OF DAY	11:55AM - 12:50PM	95th PERCENTILE SPEED	50.53
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	27 TO 54
NUMBER OF LANES	4	10 MPH PACE SPEEDS	37 TO 46
DEVELOPMENT	LIM ACC RES	PERCENT IN PACE	66.67
WEATHER	CLEAR	CALCULATED MEAN	41.36
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.11
95% CONFIDENCE GAP	40.57 TO 42.15	SKEWNESS INDEX	0.01
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	219

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE NORTH 35 mph SPEED LIMIT ON THE SOUTH <45 mph

RECOMMENDATIONS _____

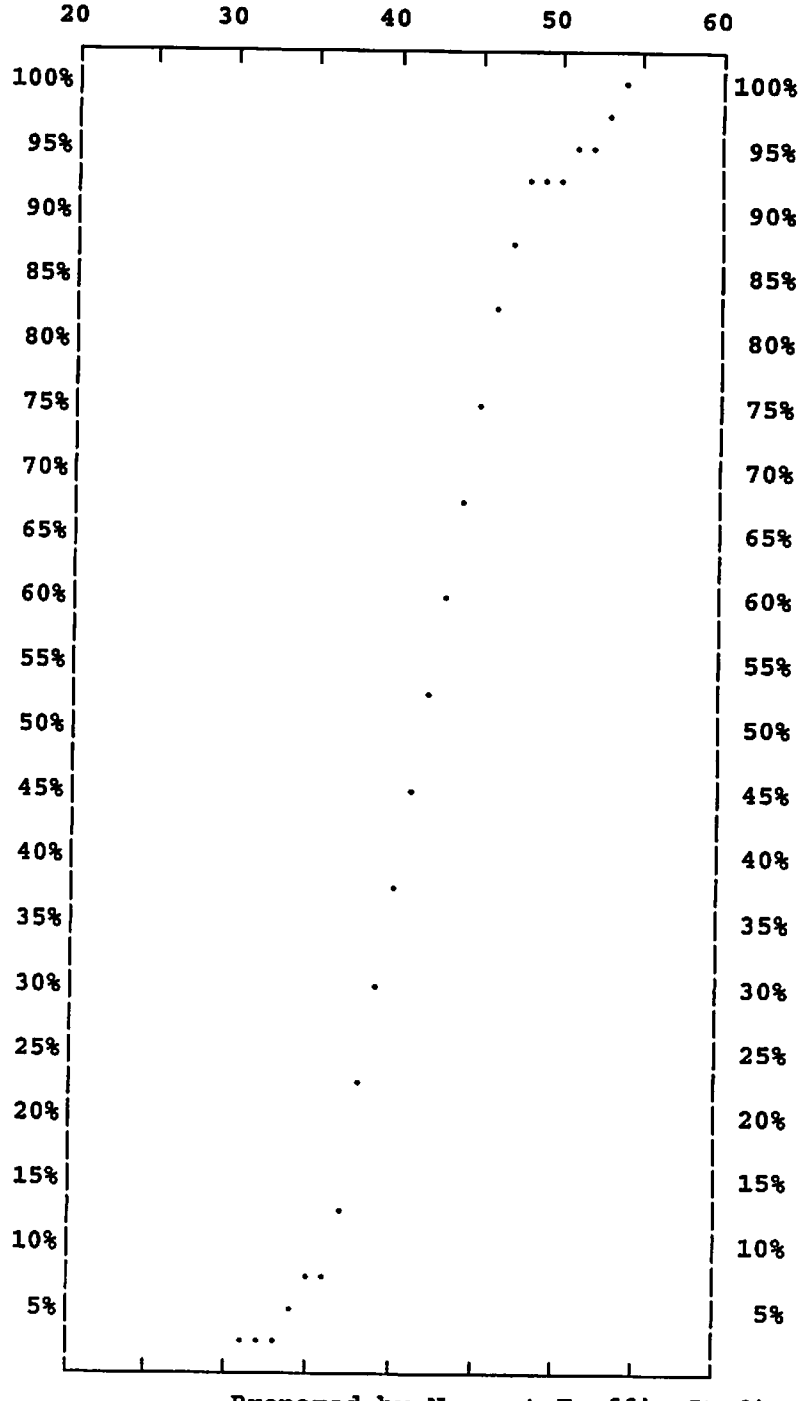
RECOMMENDED SPEED LIMIT <45 mph BY RK DATE 11/19/08

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	DOWNS INYOKERN/WARD		
DIRECTION	NORTHBOUND	15th PERCENTILE SPEED	37.14
DATE	10-13-08	50th PERCENTILE SPEED	41.56
DAY OF WEEK	Monday	85th PERCENTILE SPEED	46.39
TIME OF DAY	11:55AM - 12:50PM	95th PERCENTILE SPEED	50.73
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	30 TO 54
NUMBER OF LANES	4	10 MPH PACE SPEEDS	38 TO 47
DEVELOPMENT	LIM ACC RES	PERCENT IN PACE	74.77
WEATHER	CLEAR	CALCULATED MEAN	42.07
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.34
95% CONFIDENCE GAP	40.92 TO 43.22	SKEWNESS INDEX	0.04

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	100.000
59	0	0.000	100.000
58	0	0.000	100.000
57	0	0.000	100.000
56	0	0.000	100.000
55	0	0.000	100.000
54	2	1.802	100.000
53	1	0.901	98.198
52	2	1.802	97.297
51	2	1.802	95.495
50	0	0.000	93.694
49	1	0.901	93.694
48	5	4.505	92.793
47	6	5.405	88.288
46	7	6.306	82.883
45	8	7.207	76.577
44	9	8.108	69.369
43	9	8.108	61.261
42	8	7.207	53.153
41	8	7.207	45.946
40	8	7.207	38.739
39	8	7.207	31.532
38	12	10.811	24.324
37	4	3.604	13.514
36	2	1.802	9.910
35	2	1.802	8.108
34	2	1.802	6.306
33	2	1.802	4.505
32	0	0.000	2.703
31	1	0.901	2.703
30	2	1.802	1.802
29	0	0.000	0.000
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



111 VEHICLES OBSERVED

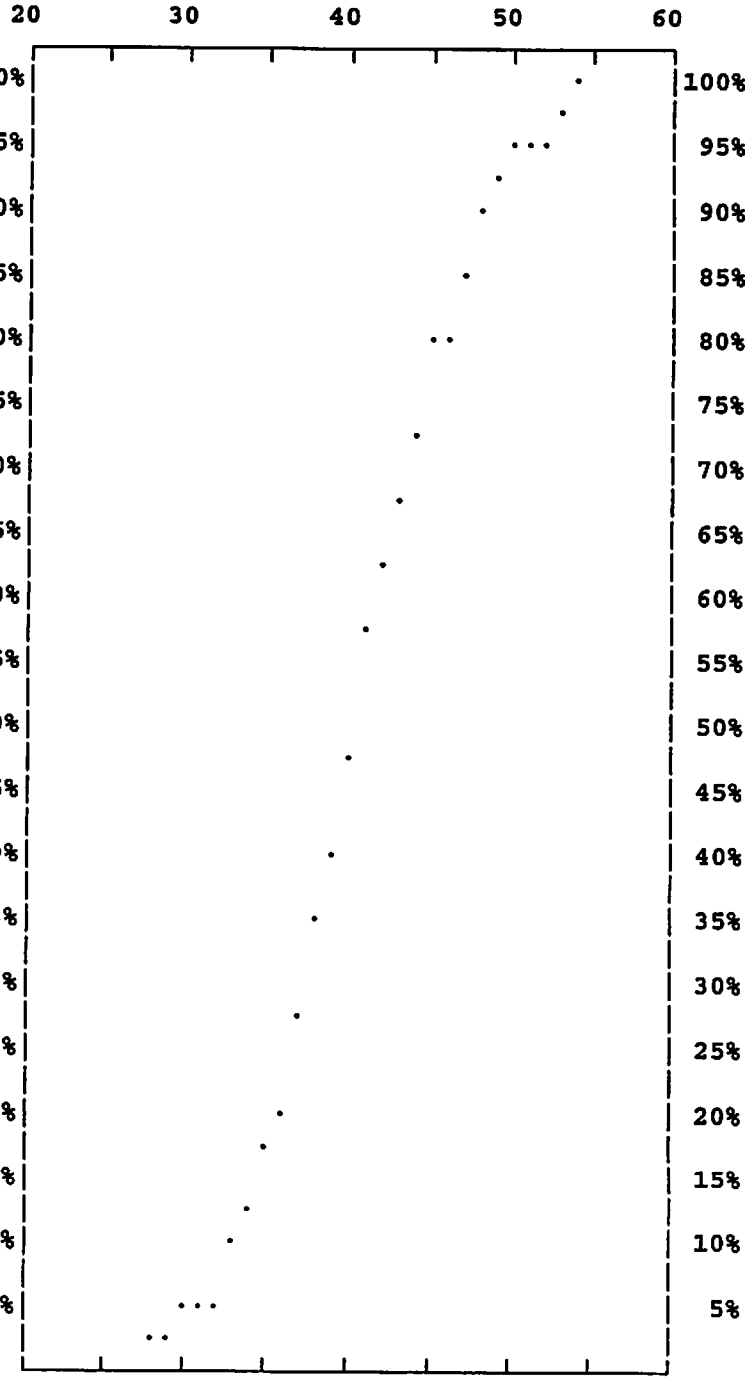
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	DOWNS INYOKERN/WARD		
DIRECTION	SOUTHBOUND	15th PERCENTILE SPEED	34.05
DATE	10-13-08	50th PERCENTILE SPEED	40.18
DAY OF WEEK	Monday	85th PERCENTILE SPEED	46.56
TIME OF DAY	11:55AM - 12:50PM	95th PERCENTILE SPEED	49.80
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	27 TO 54
NUMBER OF LANES	4	10 MPH PACE SPEEDS	36 TO 45
DEVELOPMENT	LIM ACC RES	PERCENT IN PACE	62.96
WEATHER	CLEAR	CALCULATED MEAN	40.63
ROAD CONDITION	PAVED	STANDARD DEVIATION	7.05
95% CONFIDENCE GAP	39.33 TO 41.93	SKEWNESS INDEX	0.00

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	1	0.926	99.999
53	2	1.852	99.073
52	2	1.852	97.221
51	0	0.000	95.369
50	2	1.852	95.369
49	2	1.852	93.517
48	5	4.630	91.666
47	5	4.630	87.036
46	1	0.926	82.406
45	7	6.481	81.481
44	7	6.481	74.999
43	5	4.630	68.518
42	6	5.556	63.888
41	11	10.185	58.333
40	7	6.481	48.148
39	7	6.481	41.666
38	7	6.481	35.185
37	7	6.481	28.703
36	4	3.704	22.222
35	4	3.704	18.518
34	5	4.630	14.815
33	3	2.778	10.185
32	1	0.926	7.407
31	1	0.926	6.481
30	1	0.926	5.555
29	2	1.852	4.630
28	1	0.926	2.778
27	2	1.852	1.852
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



108 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

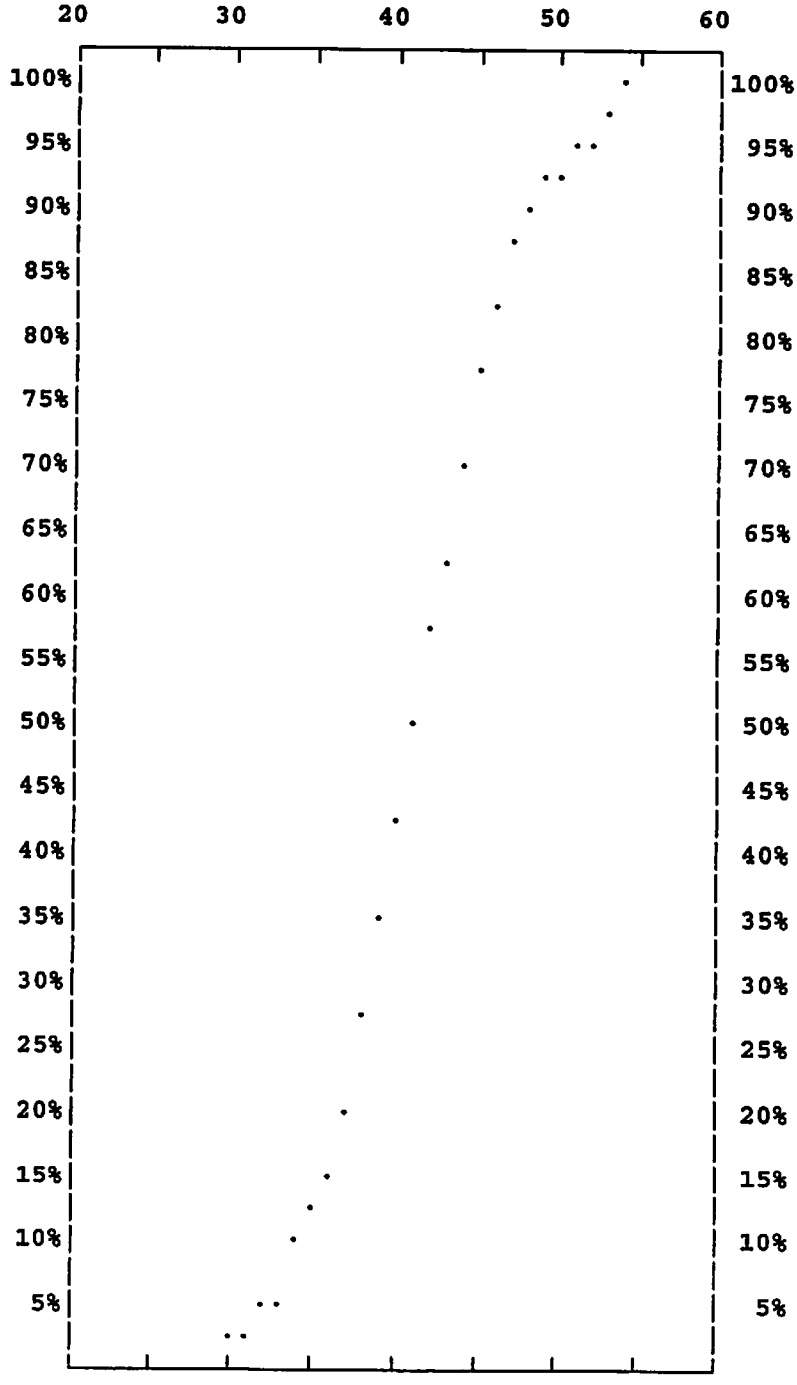
RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	DOWNS INYOKERN/WARD		
DIRECTION	TOTAL	15th PERCENTILE SPEED	35.64
DATE	10-13-08	50th PERCENTILE SPEED	40.76
DAY OF WEEK	Monday	85th PERCENTILE SPEED	46.47
TIME OF DAY	11:55AM - 12:50PM	95th PERCENTILE SPEED	50.53
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	27 TO 54
NUMBER OF LANES	4	10 MPH PACE SPEEDS	37 TO 46
DEVELOPMENT	LIM ACC RES	PERCENT IN PACE	66.67
WEATHER	CLEAR	CALCULATED MEAN	41.36
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.11
95% CONFIDENCE GAP	40.57 TO 42.15	SKEWNESS INDEX	0.01

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	3	1.370	99.999
53	3	1.370	98.629
52	4	1.826	97.259
51	2	0.913	95.433
50	2	0.913	94.520
49	3	1.370	93.606
48	10	4.566	92.237
47	11	5.023	87.670
46	8	3.653	82.648
45	15	6.849	78.995
44	16	7.306	72.145
43	14	6.393	64.839
42	14	6.393	58.447
41	19	8.676	52.054
40	15	6.849	43.379
39	15	6.849	36.529
38	19	8.676	29.680
37	11	5.023	21.004
36	6	2.740	15.981
35	6	2.740	13.242
34	7	3.196	10.502
33	5	2.283	7.306
32	1	0.457	5.023
31	2	0.913	4.566
30	3	1.370	3.653
29	2	0.913	2.283
28	1	0.457	1.370
27	2	0.913	0.913
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000

219 VEHICLES OBSERVED



Prepared by Newport Traffic Studies

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION N NORMA INYOKERN/WARD

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	29.52
DATE	10-14-08	50th PERCENTILE SPEED	34.21
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	38.32
TIME OF DAY	01:46PM - 02:31PM	95th PERCENTILE SPEED	41.40
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	23 TO 47
NUMBER OF LANES	4	10 MPH PACE SPEEDS	30 TO 39
DEVELOPMENT	COMMERCIAL	PERCENT IN PACE	76.44
WEATHER	CLEAR	CALCULATED MEAN	34.55
ROAD CONDITION	PAVED	STANDARD DEVIATION	4.87
95% CONFIDENCE GAP	33.91 TO 35.20	SKEWNESS INDEX	0.02
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	208

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE NORTH 35mph SPEED LIMIT ON THE SOUTH N/A

RECOMMENDATIONS _____

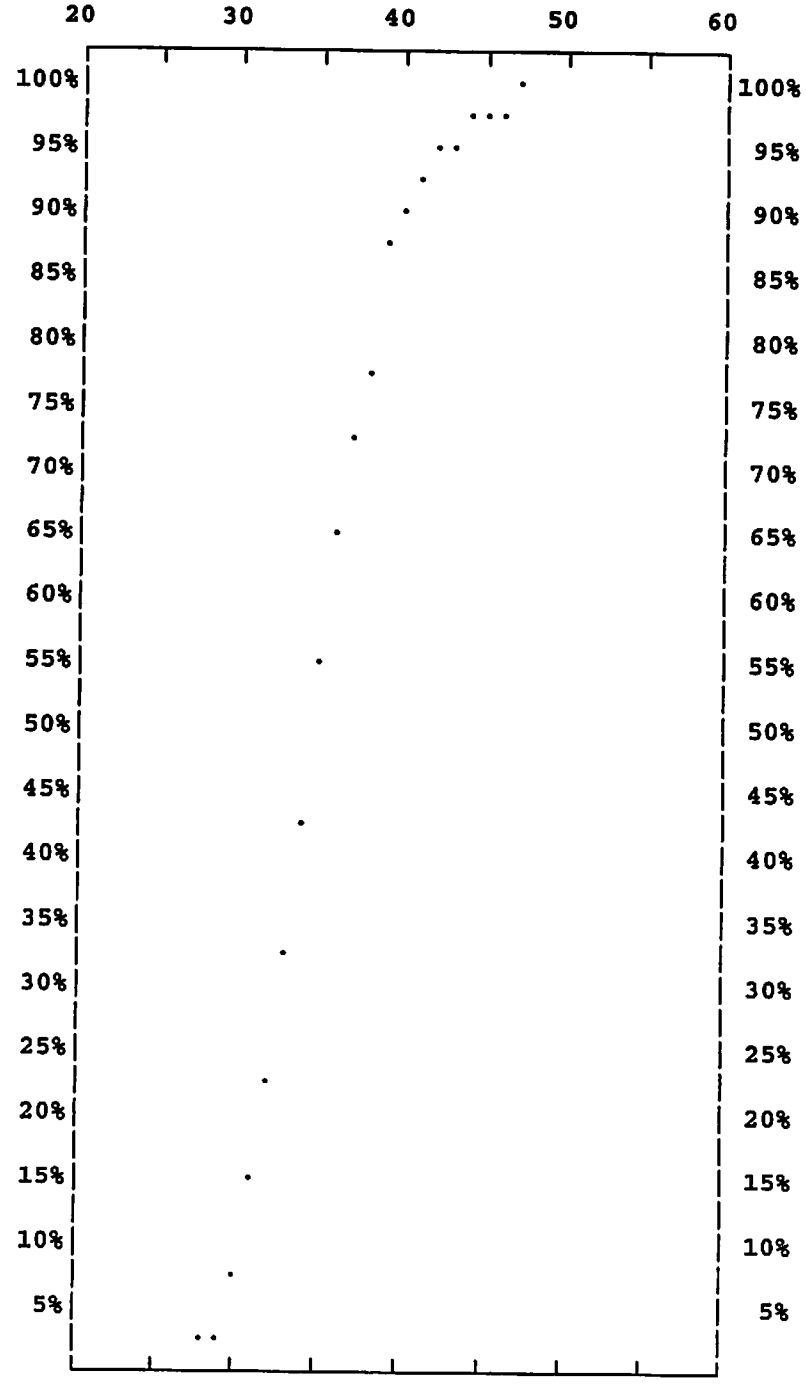
RECOMMENDED SPEED LIMIT 40mph BY RK DATE 11/19/08

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	N NORMA INYOKERN/WARD		
DIRECTION	NORTHBOUND	15th PERCENTILE SPEED	30.86
DATE	10-14-08	50th PERCENTILE SPEED	34.46
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	38.71
TIME OF DAY	01:46PM - 02:31PM	95th PERCENTILE SPEED	41.57
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	25 TO 47
NUMBER OF LANES	4	10 MPH PACE SPEEDS	30 TO 39
DEVELOPMENT	COMMERCIAL	PERCENT IN PACE	83.02
WEATHER	CLEAR	CALCULATED MEAN	35.26
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.21
95% CONFIDENCE GAP	34.30 TO 36.23	SKEWNESS INDEX	-0.13

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	0	0.000	99.999
52	0	0.000	99.999
51	0	0.000	99.999
50	0	0.000	99.999
49	0	0.000	99.999
48	0	0.000	99.999
47	1	0.943	99.999
46	0	0.000	99.055
45	1	0.943	99.055
44	2	1.887	98.112
43	0	0.000	96.225
42	3	2.830	96.225
41	2	1.887	93.395
40	4	3.774	91.508
39	10	9.434	87.735
38	6	5.660	78.301
37	6	5.660	72.641
36	11	10.377	66.980
35	13	12.264	56.603
34	11	10.377	44.339
33	11	10.377	33.962
32	8	7.547	23.584
31	8	7.547	16.037
30	4	3.774	8.490
29	1	0.943	4.717
28	3	2.830	3.773
27	0	0.000	0.943
26	0	0.000	0.943
25	1	0.943	0.943
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



106 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

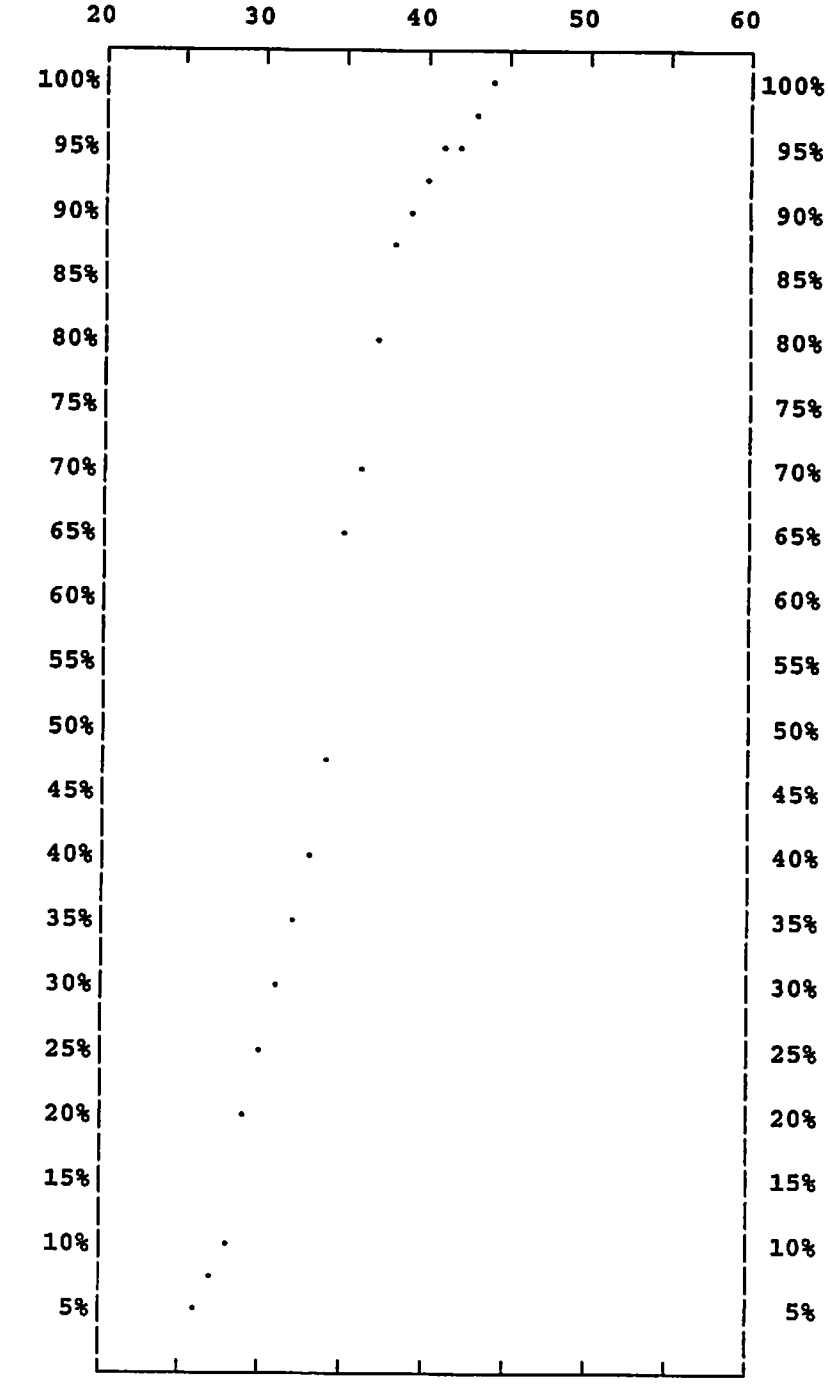
RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	N NORMA INYOKERN/WARD		
DIRECTION	SOUTHBOUND	15th PERCENTILE SPEED	28.37
DATE	10-14-08	50th PERCENTILE SPEED	34.00
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	37.45
TIME OF DAY	01:46PM - 02:31PM	95th PERCENTILE SPEED	40.95
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	23 TO 44
NUMBER OF LANES	4	10 MPH PACE SPEEDS	29 TO 38
DEVELOPMENT	COMMERCIAL	PERCENT IN PACE	76.47
WEATHER	CLEAR	CALCULATED MEAN	33.81
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.57
95% CONFIDENCE GAP	32.76 TO 34.87	SKEWNESS INDEX	0.11

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	0	0.000	99.999
52	0	0.000	99.999
51	0	0.000	99.999
50	0	0.000	99.999
49	0	0.000	99.999
48	0	0.000	99.999
47	0	0.000	99.999
46	0	0.000	99.999
45	0	0.000	99.999
44	1	0.980	99.999
43	3	2.941	99.018
42	1	0.980	96.077
41	2	1.961	95.097
40	3	2.941	93.136
39	2	1.961	90.195
38	6	5.882	88.234
37	11	10.784	82.352
36	6	5.882	71.568
35	16	15.686	65.686
34	9	8.824	49.999
33	4	3.922	41.176
32	5	4.902	37.254
31	6	5.882	32.352
30	6	5.882	26.470
29	9	8.824	20.588
28	4	3.922	11.764
27	2	1.961	7.843
26	4	3.922	5.882
25	1	0.980	1.961
24	0	0.000	0.980
23	1	0.980	0.980
22	0	0.000	0.000
21	0	0.000	0.000

102 VEHICLES OBSERVED



Prepared by Newport Traffic Studies

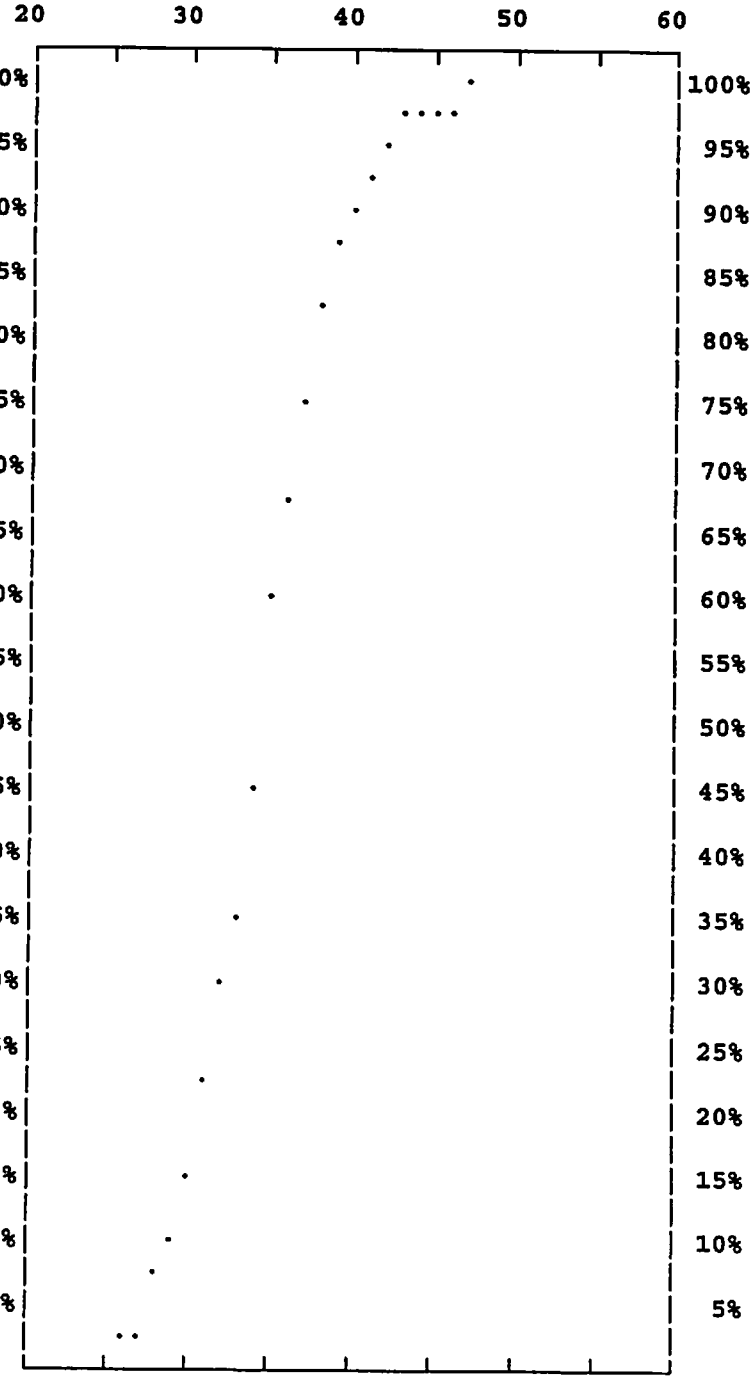
RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	N NORMA INYOKERN/WARD		
DIRECTION	TOTAL	15th PERCENTILE SPEED	29.52
DATE	10-14-08	50th PERCENTILE SPEED	34.21
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	38.32
TIME OF DAY	01:46PM - 02:31PM	95th PERCENTILE SPEED	41.40
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	23 TO 47
NUMBER OF LANES	4	10 MPH PACE SPEEDS	30 TO 39
DEVELOPMENT	COMMERCIAL	PERCENT IN PACE	76.44
WEATHER	CLEAR	CALCULATED MEAN	34.55
ROAD CONDITION	PAVED	STANDARD DEVIATION	4.87
95% CONFIDENCE GAP	33.91 TO 35.20	SKEWNESS INDEX	0.02

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	0	0.000	99.999
52	0	0.000	99.999
51	0	0.000	99.999
50	0	0.000	99.999
49	0	0.000	99.999
48	0	0.000	99.999
47	1	0.481	99.999
46	0	0.000	99.518
45	1	0.481	99.518
44	3	1.442	99.037
43	3	1.442	97.595
42	4	1.923	96.153
41	4	1.923	94.230
40	7	3.365	92.307
39	12	5.769	88.941
38	12	5.769	83.172
37	17	8.173	77.403
36	17	8.173	69.230
35	29	13.942	61.057
34	20	9.615	47.115
33	15	7.212	37.499
32	13	6.250	30.288
31	14	6.731	24.038
30	10	4.808	17.307
29	10	4.808	12.500
28	7	3.365	7.692
27	2	0.962	4.327
26	4	1.923	3.365
25	2	0.962	1.442
24	0	0.000	0.481
23	1	0.481	0.481
22	0	0.000	0.000
21	0	0.000	0.000

208 VEHICLES OBSERVED



Prepared by Newport Traffic Studies

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION DOWNS WARD/DRUMMOND

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	32.81
DATE	10-13-08	50th PERCENTILE SPEED	41.31
DAY OF WEEK	Monday	85th PERCENTILE SPEED	46.38
TIME OF DAY	12:52PM - 01:30PM	95th PERCENTILE SPEED	49.40
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	29 TO 58
NUMBER OF LANES	4	10 MPH PACE SPEEDS	37 TO 46
DEVELOPMENT	LIM ACC RES	PERCENT IN PACE	58.58
WEATHER	CLEAR	CALCULATED MEAN	41.07
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.27
95% CONFIDENCE GAP	40.34 TO 41.81	SKEWNESS INDEX	0.11
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	268

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE NORTH <45mph SPEED LIMIT ON THE SOUTH <45mph

RECOMMENDATIONS It is recommended to maintain <45mph since the segment to north and south have existing speed limits of <45mph.

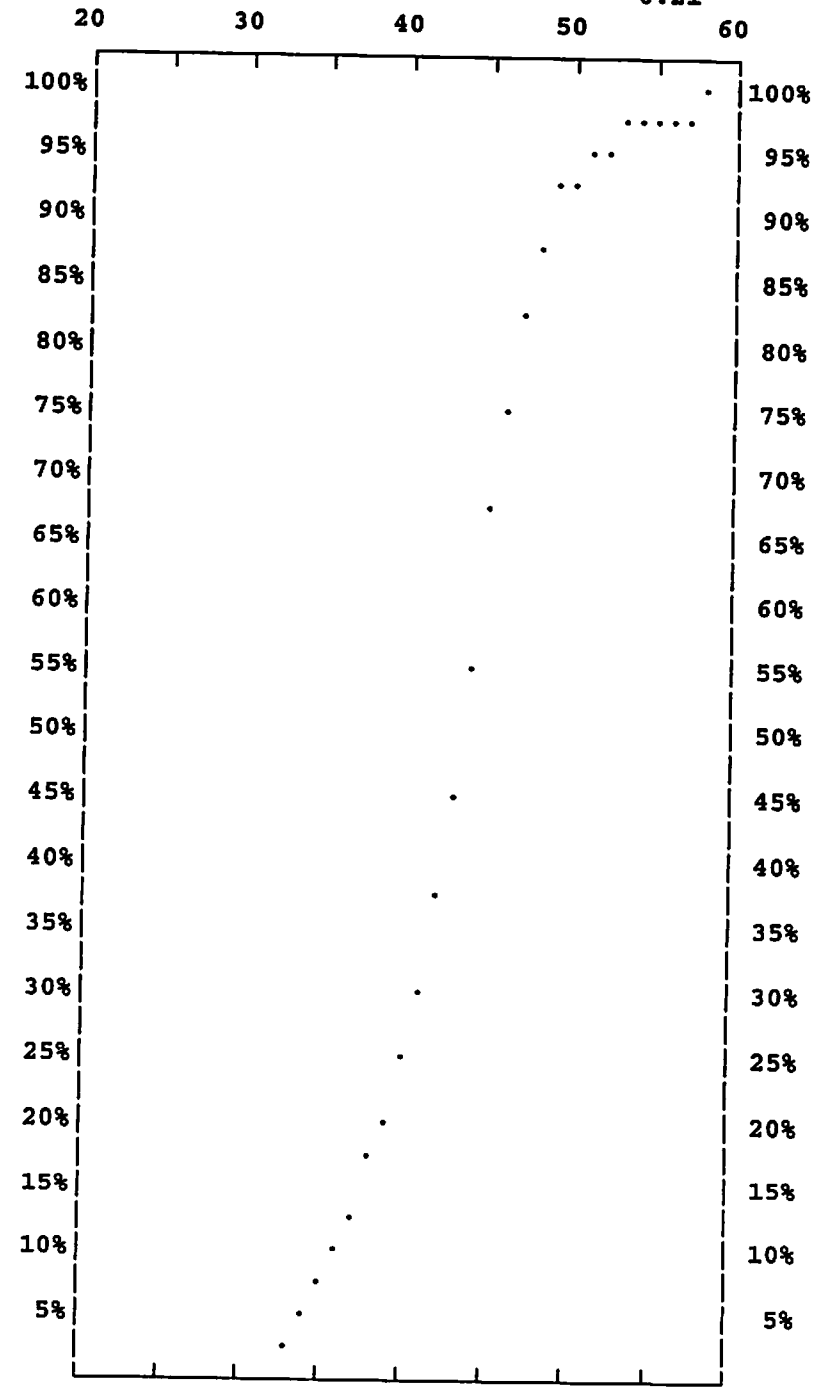
RECOMMENDED SPEED LIMIT <45mph BY RK DATE 11/19/08

RADAR SURVEY STATISTICS

CITY	RIDGECREST
LOCATION	DOWNS WARD/DRUMMOND
DIRECTION	NORTHBOUND
DATE	10-13-08
DAY OF WEEK	Monday
TIME OF DAY	12:52PM - 01:30PM
POSTED SPEED LIMIT	45
NUMBER OF LANES	4
DEVELOPMENT	LIM ACC RES
WEATHER	CLEAR
ROAD CONDITION	PAVED
95% CONFIDENCE GAP	42.04 TO 44.30
PERFORMED BY	:G CRON

15th PERCENTILE SPEED	37.04
50th PERCENTILE SPEED	43.32
85th PERCENTILE SPEED	47.37
95th PERCENTILE SPEED	50.95
RANGE OF SPEEDS	29 TO 58
10 MPH PACE SPEEDS	40 TO 49
PERCENT IN PACE	71.07
CALCULATED MEAN	43.17
STANDARD DEVIATION	6.51
SKEWNESS INDEX	0.21

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	1	0.826	99.999
57	0	0.000	99.172
56	0	0.000	99.172
55	0	0.000	99.172
54	1	0.826	99.172
53	3	2.479	98.346
52	1	0.826	95.867
51	1	0.826	95.040
50	2	1.653	94.214
49	6	4.959	92.561
48	5	4.132	87.602
47	8	6.612	83.470
46	11	9.091	76.859
45	14	11.570	67.768
44	11	9.091	56.198
43	11	9.091	47.107
42	7	5.785	38.016
41	6	4.959	32.231
40	7	5.785	27.272
39	4	3.306	21.487
38	4	3.306	18.181
37	3	2.479	14.876
36	3	2.479	12.396
35	4	3.306	9.917
34	3	2.479	6.611
33	2	1.653	4.132
32	1	0.826	2.479
31	0	0.000	1.653
30	1	0.826	1.653
29	1	0.826	0.826
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



121 VEHICLES OBSERVED

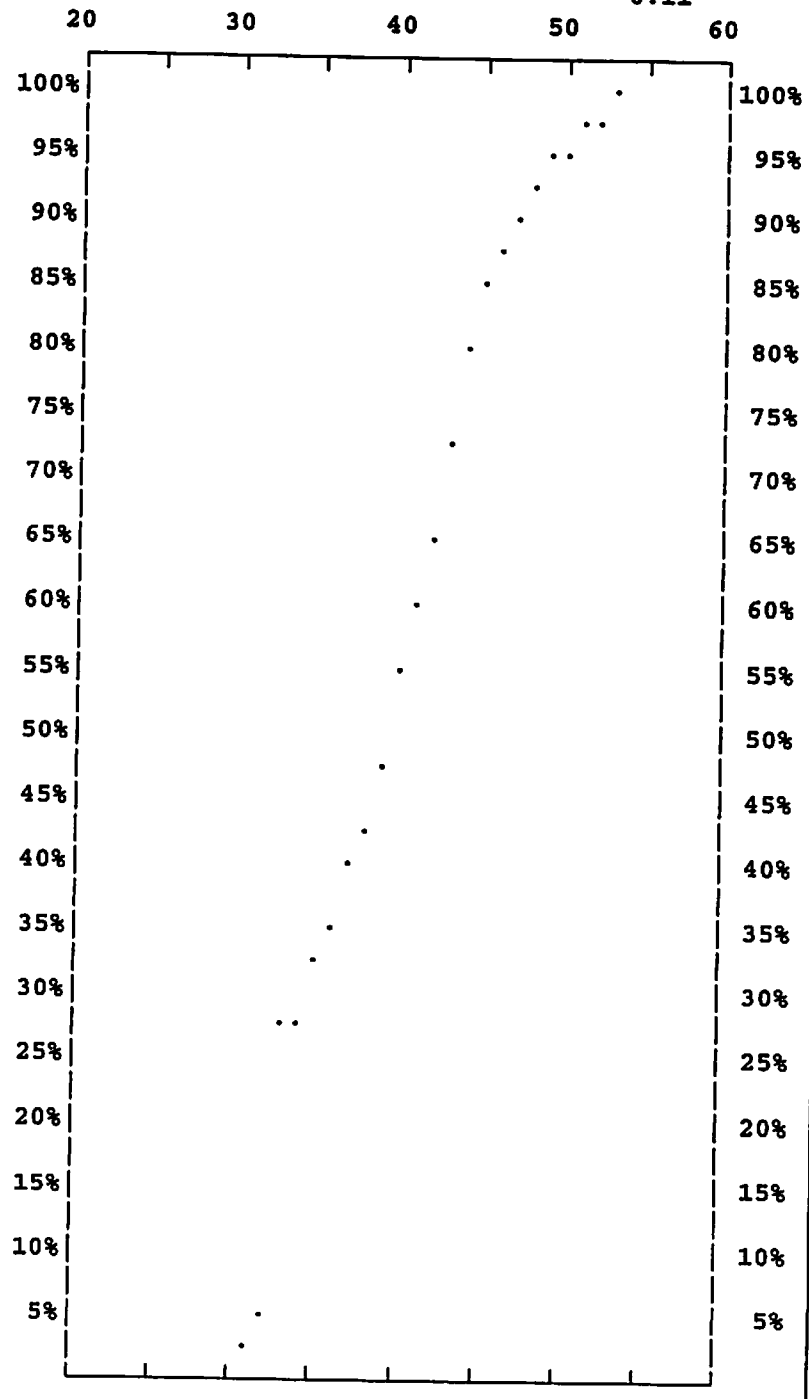
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST
LOCATION	DOWNS WARD/DRUMMOND
DIRECTION	SOUTHBOUND
DATE	10-13-08
DAY OF WEEK	Monday
TIME OF DAY	12:52PM - 01:30PM
POSTED SPEED LIMIT	45
NUMBER OF LANES	4
DEVELOPMENT	LIM ACC RES
WEATHER	CLEAR
ROAD CONDITION	PAVED
95% CONFIDENCE GAP	38.33 TO 40.38
PERFORMED BY :G CRON	

15th PERCENTILE SPEED	32.40
50th PERCENTILE SPEED	39.06
85th PERCENTILE SPEED	44.71
95th PERCENTILE SPEED	48.55
RANGE OF SPEEDS	29 TO 53
10 MPH PACE SPEEDS	33 TO 42
PERCENT IN PACE	61.22
CALCULATED MEAN	39.35
STANDARD DEVIATION	6.51
SKEWNESS INDEX	-0.11

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	1	0.680	99.999
52	0	0.000	99.319
51	3	2.041	99.319
50	2	1.361	97.278
49	3	2.041	95.917
48	5	3.401	93.877
47	2	1.361	90.475
46	4	2.721	89.115
45	7	4.762	86.394
44	12	8.163	81.632
43	9	6.122	73.469
42	9	6.122	67.346
41	8	5.442	61.224
40	9	6.122	55.782
39	7	4.762	49.659
38	6	4.082	44.897
37	8	5.442	40.816
36	3	2.041	35.374
35	5	3.401	33.333
34	2	1.361	29.932
33	33	22.449	28.571
32	5	3.401	6.122
31	2	1.361	2.721
30	1	0.680	1.360
29	1	0.680	0.680
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



147 VEHICLES OBSERVED

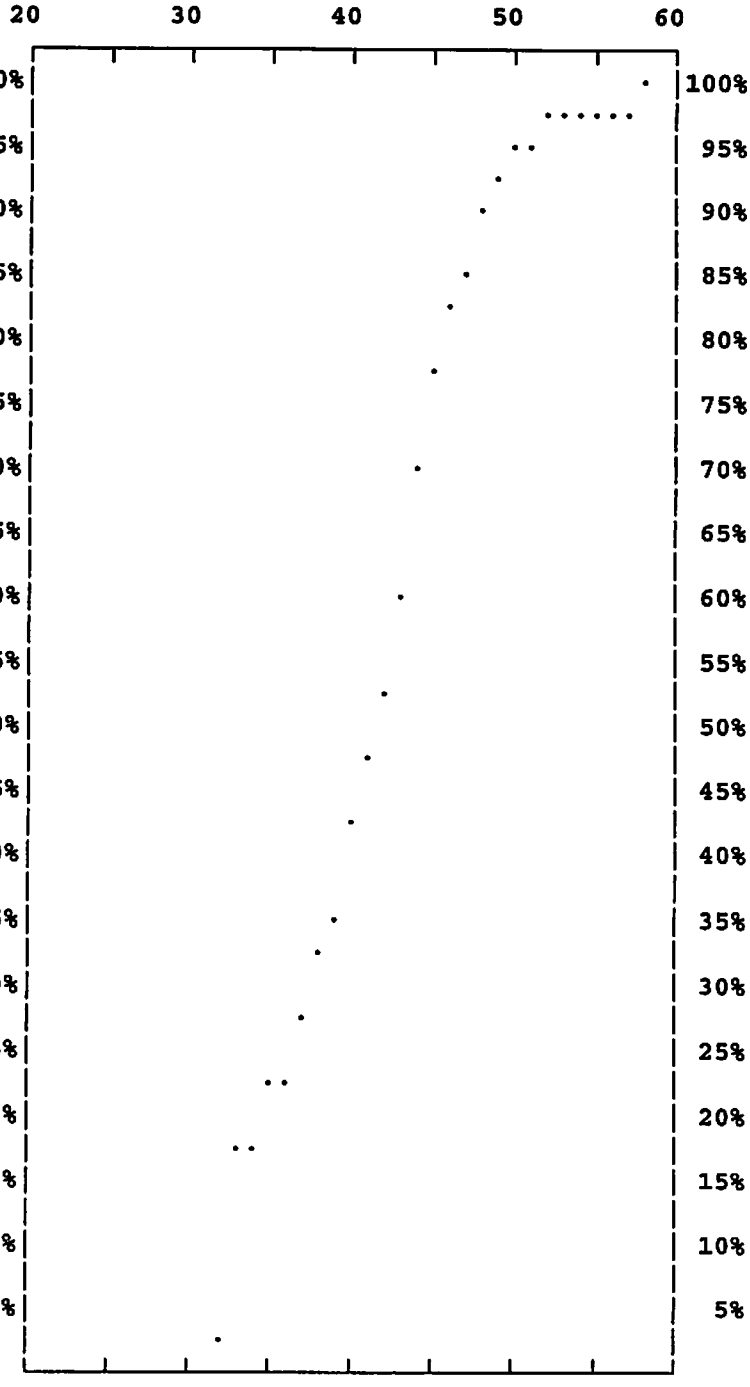
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	DOWNS WARD/DRUMMOND		
DIRECTION	TOTAL	15th PERCENTILE SPEED	32.81
DATE	10-13-08	50th PERCENTILE SPEED	41.31
DAY OF WEEK	Monday	85th PERCENTILE SPEED	46.38
TIME OF DAY	12:52PM - 01:30PM	95th PERCENTILE SPEED	49.40
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	29 TO 58
NUMBER OF LANES	4	10 MPH PACE SPEEDS	37 TO 46
DEVELOPMENT	LIM ACC RES	PERCENT IN PACE	58.58
WEATHER	CLEAR	CALCULATED MEAN	41.07
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.27
95% CONFIDENCE GAP	40.34 TO 41.81	SKEWNESS INDEX	0.11

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	1	0.373	99.999
57	0	0.000	99.626
56	0	0.000	99.626
55	0	0.000	99.626
54	1	0.373	99.626
53	4	1.493	99.253
52	1	0.373	97.760
51	4	1.493	97.387
50	4	1.493	95.895
49	9	3.358	94.402
48	10	3.731	91.044
47	10	3.731	87.313
46	15	5.597	83.581
45	21	7.836	77.984
44	23	8.582	70.148
43	20	7.463	61.566
42	16	5.970	54.104
41	14	5.224	48.134
40	16	5.970	42.910
39	11	4.104	36.940
38	10	3.731	32.835
37	11	4.104	29.104
36	6	2.239	25.000
35	9	3.358	22.761
34	5	1.866	19.403
33	35	13.060	17.537
32	6	2.239	4.477
31	2	0.746	2.239
30	2	0.746	1.492
29	2	0.746	0.746
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



268 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

(4)

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION N NORMA WARD/DRUMMOND

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	32.59
DATE	10-14-08	50th PERCENTILE SPEED	37.23
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	42.19
TIME OF DAY	02:34PM - 02:59PM	95th PERCENTILE SPEED	46.23
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	28 TO 54
NUMBER OF LANES	4	10 MPH PACE SPEEDS	33 TO 42
DEVELOPMENT	COMMERCIAL	PERCENT IN PACE	73.30
WEATHER	CLEAR	CALCULATED MEAN	38.06
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.60
95% CONFIDENCE GAP	37.28 TO 38.83	SKEWNESS INDEX	-0.07
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	191

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE NORTH <40mph SPEED LIMIT ON THE SOUTH <40mph

RECOMMENDATIONS Speed limit of 40mph is recommended for consistency along Norma Street.

RECOMMENDED SPEED LIMIT <40mph BY RK DATE 11/19/08

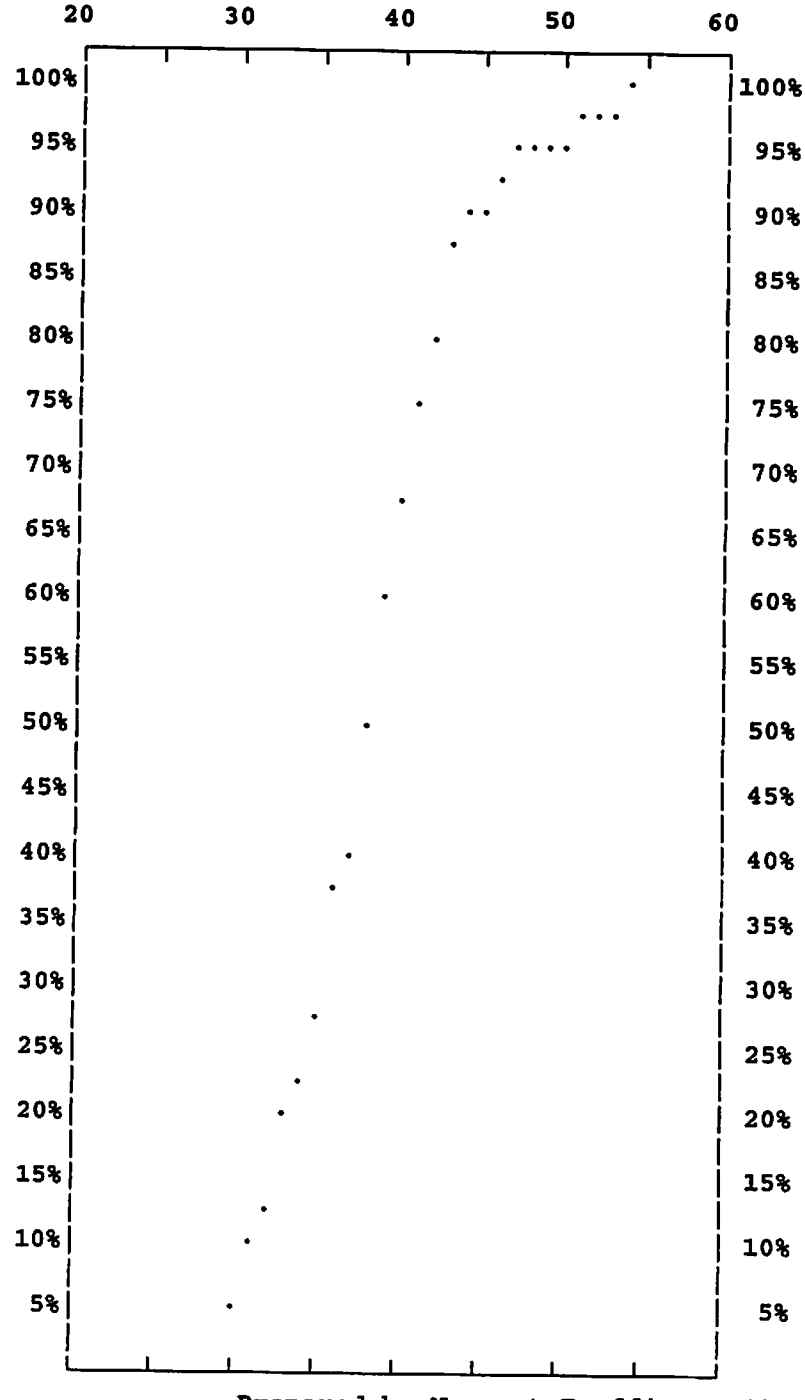
RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	N NORMA WARD/DRUMMOND		
DIRECTION	NORTHBOUND	15th PERCENTILE SPEED	32.08
DATE	10-14-08	50th PERCENTILE SPEED	37.80
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	42.50
TIME OF DAY	02:34PM - 02:59PM	95th PERCENTILE SPEED	46.75
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	28 TO 54
NUMBER OF LANES	4	10 MPH PACE SPEEDS	33 TO 42
DEVELOPMENT	COMMERCIAL	PERCENT IN PACE	67.78
WEATHER	CLEAR	CALCULATED MEAN	38.24
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.68
95% CONFIDENCE GAP	36.90 TO 39.59	SKEWNESS INDEX	-0.02

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	1	1.111	99.999
53	1	1.111	98.888
52	0	0.000	97.777
51	1	1.111	97.777
50	1	1.111	96.666
49	0	0.000	95.555
48	0	0.000	95.555
47	2	2.222	95.555
46	2	2.222	93.333
45	0	0.000	91.110
44	3	3.333	91.110
43	5	5.556	87.777
42	5	5.556	82.222
41	6	6.667	76.666
40	8	8.889	70.000
39	8	8.889	61.111
38	10	11.111	52.222
37	1	1.111	41.111
36	9	10.000	40.000
35	6	6.667	30.000
34	2	2.222	23.333
33	6	6.667	21.111
32	2	2.222	14.444
31	5	5.556	12.222
30	4	4.444	6.667
29	1	1.111	2.222
28	1	1.111	1.111
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000

90 VEHICLES OBSERVED



Prepared by Newport Traffic Studies

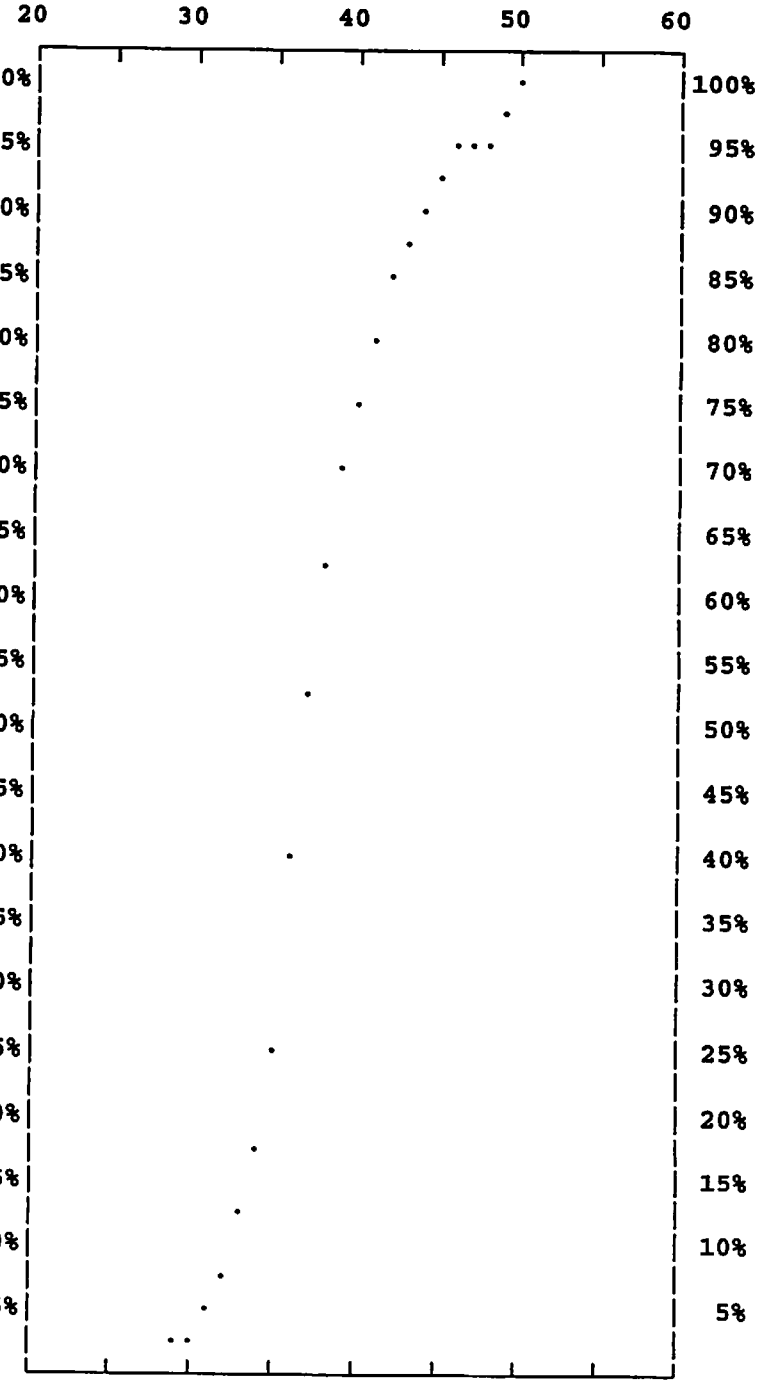
RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	N NORMA WARD/DRUMMOND		
DIRECTION	SOUTHBOUND	15th PERCENTILE SPEED	33.04
DATE	10-14-08	50th PERCENTILE SPEED	36.71
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	41.81
TIME OF DAY	02:34PM - 02:59PM	95th PERCENTILE SPEED	45.48
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	29 TO 50
NUMBER OF LANES	4	10 MPH PACE SPEEDS	33 TO 42
DEVELOPMENT	COMMERCIAL	PERCENT IN PACE	78.22
WEATHER	CLEAR	CALCULATED MEAN	37.89
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.86
95% CONFIDENCE GAP	36.78 TO 39.00	SKEWNESS INDEX	-0.22

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.998
59	0	0.000	99.998
58	0	0.000	99.998
57	0	0.000	99.998
56	0	0.000	99.998
55	0	0.000	99.998
54	0	0.000	99.998
53	0	0.000	99.998
52	0	0.000	99.998
51	0	0.000	99.998
50	2	1.980	99.998
49	1	0.990	98.018
48	1	0.990	97.028
47	0	0.000	96.038
46	2	1.980	96.038
45	4	3.960	94.058
44	2	1.980	90.098
43	2	1.980	88.117
42	6	5.941	86.137
41	5	4.950	80.197
40	5	4.950	75.246
39	7	6.931	70.296
38	10	9.901	63.365
37	12	11.881	53.465
36	16	15.842	41.583
35	7	6.931	25.742
34	4	3.960	18.811
33	7	6.931	14.851
32	2	1.980	7.920
31	1	0.990	5.940
30	2	1.980	4.950
29	3	2.970	2.970
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000

101 VEHICLES OBSERVED



Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	N NORMA WARD/DRUMMOND		
DIRECTION	TOTAL	15th PERCENTILE SPEED	32.59
DATE	10-14-08	50th PERCENTILE SPEED	37.23
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	42.19
TIME OF DAY	02:34PM - 02:59PM	95th PERCENTILE SPEED	46.23
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	28 TO 54
NUMBER OF LANES	4	10 MPH PACE SPEEDS	33 TO 42
DEVELOPMENT	COMMERCIAL	PERCENT IN PACE	73.30
WEATHER	CLEAR	CALCULATED MEAN	38.06
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.60
95% CONFIDENCE GAP	37.28 TO 38.83	SKEWNESS INDEX	-0.07

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	1	0.524	99.999
53	1	0.524	99.475
52	0	0.000	98.952
51	1	0.524	98.952
50	3	1.571	98.428
49	1	0.524	96.858
48	1	0.524	96.334
47	2	1.047	95.811
46	4	2.094	94.764
45	4	2.094	92.669
44	5	2.618	90.575
43	7	3.665	87.957
42	11	5.759	84.292
41	11	5.759	78.533
40	13	6.806	72.774
39	15	7.853	65.968
38	20	10.471	58.115
37	13	6.806	47.643
36	25	13.089	40.837
35	13	6.806	27.748
34	6	3.141	20.942
33	13	6.806	17.801
32	4	2.094	10.995
31	6	3.141	8.900
30	6	3.141	5.759
29	4	2.094	2.618
28	1	0.524	0.524
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
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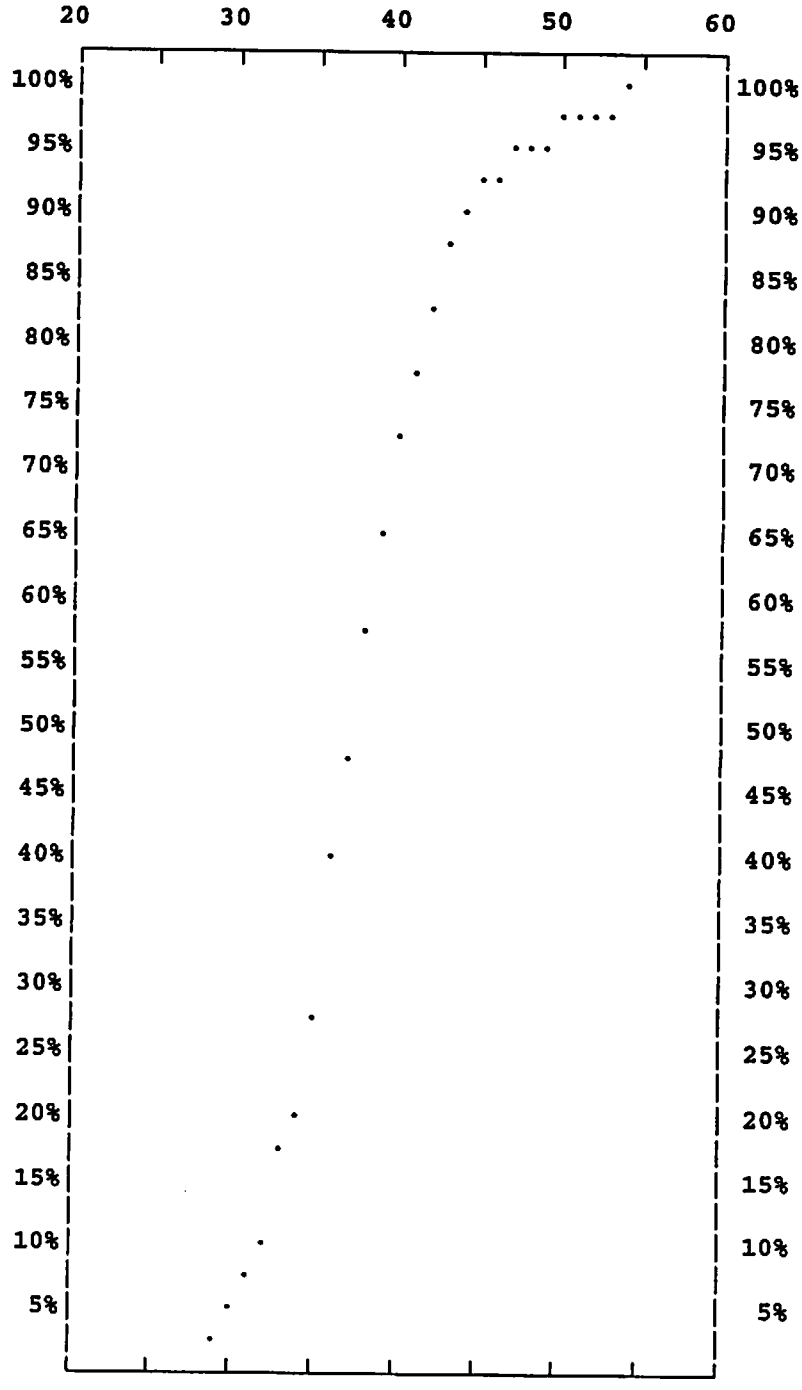
21	0	0.000	0.000



191 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION DRUMMOND MAHAN/DOWNS

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	29.12
DATE	10-14-08	50th PERCENTILE SPEED	33.00
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	37.30
TIME OF DAY	10:31AM - 11:31AM	95th PERCENTILE SPEED	39.83
POSTED SPEED LIMIT	40	RANGE OF SPEEDS	24 TO 46
NUMBER OF LANES	2/4	10 MPH PACE SPEEDS	29 TO 38
DEVELOPMENT	LIM ACC RES	PERCENT IN PACE	79.79
WEATHER	CLEAR	CALCULATED MEAN	33.82
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.36
95% CONFIDENCE GAP	32.76 TO 34.88	SKEWNESS INDEX	-0.10
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	94

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE EAST 40mph SPEED LIMIT ON THE WEST 40mph

RECOMMENDATIONS Due to discontinuity in the roadway geometry it is recommended to lower to 35mph.

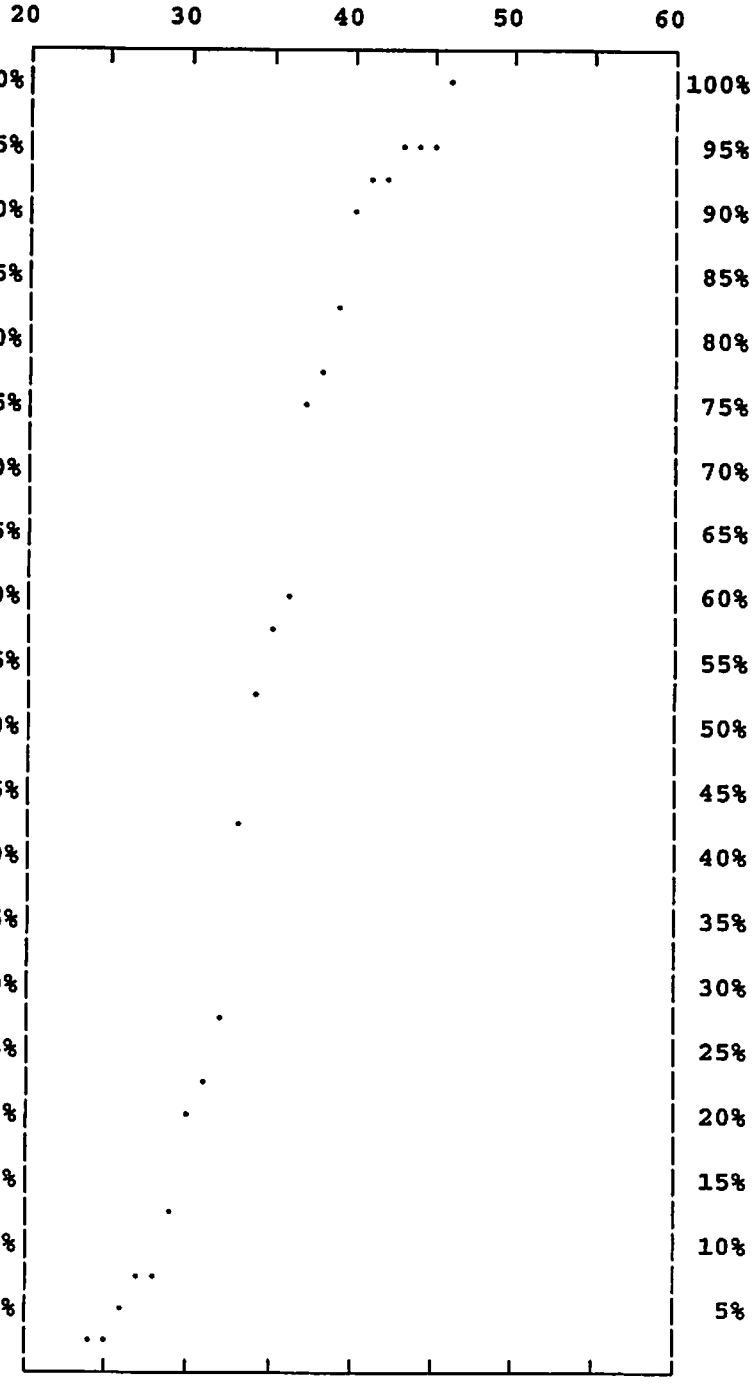
RECOMMENDED SPEED LIMIT 35mph BY RK DATE 11/18/08

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	DRUMMOND MAHAN/DOWNS		
DIRECTION	WESTBOUND	15th PERCENTILE SPEED	29.18
DATE	10-14-08	50th PERCENTILE SPEED	33.63
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	39.15
TIME OF DAY	10:31AM - 11:31AM	95th PERCENTILE SPEED	42.15
POSTED SPEED LIMIT	40	RANGE OF SPEEDS	24 TO 46
NUMBER OF LANES	2/4	10 MPH PACE SPEEDS	29 TO 38
DEVELOPMENT	LIM ACC RES	PERCENT IN PACE	70.27
WEATHER	CLEAR	CALCULATED MEAN	34.54
ROAD CONDITION	PAVED	STANDARD DEVIATION	7.48
95% CONFIDENCE GAP	32.19 TO 36.89	SKEWNESS INDEX	0.02

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	100.000
59	0	0.000	100.000
58	0	0.000	100.000
57	0	0.000	100.000
56	0	0.000	100.000
55	0	0.000	100.000
54	0	0.000	100.000
53	0	0.000	100.000
52	0	0.000	100.000
51	0	0.000	100.000
50	0	0.000	100.000
49	0	0.000	100.000
48	0	0.000	100.000
47	0	0.000	100.000
46	1	2.703	100.000
45	0	0.000	97.297
44	0	0.000	97.297
43	1	2.703	97.297
42	0	0.000	94.595
41	1	2.703	94.595
40	3	8.108	91.892
39	2	5.405	83.784
38	1	2.703	78.378
37	5	13.514	75.676
36	1	2.703	62.162
35	2	5.405	59.459
34	4	10.811	54.054
33	5	13.514	43.243
32	2	5.405	29.730
31	1	2.703	24.324
30	3	8.108	21.622
29	2	5.405	13.514
28	0	0.000	8.108
27	1	2.703	8.108
26	1	2.703	5.405
25	0	0.000	2.703
24	1	2.703	2.703
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



37 VEHICLES OBSERVED

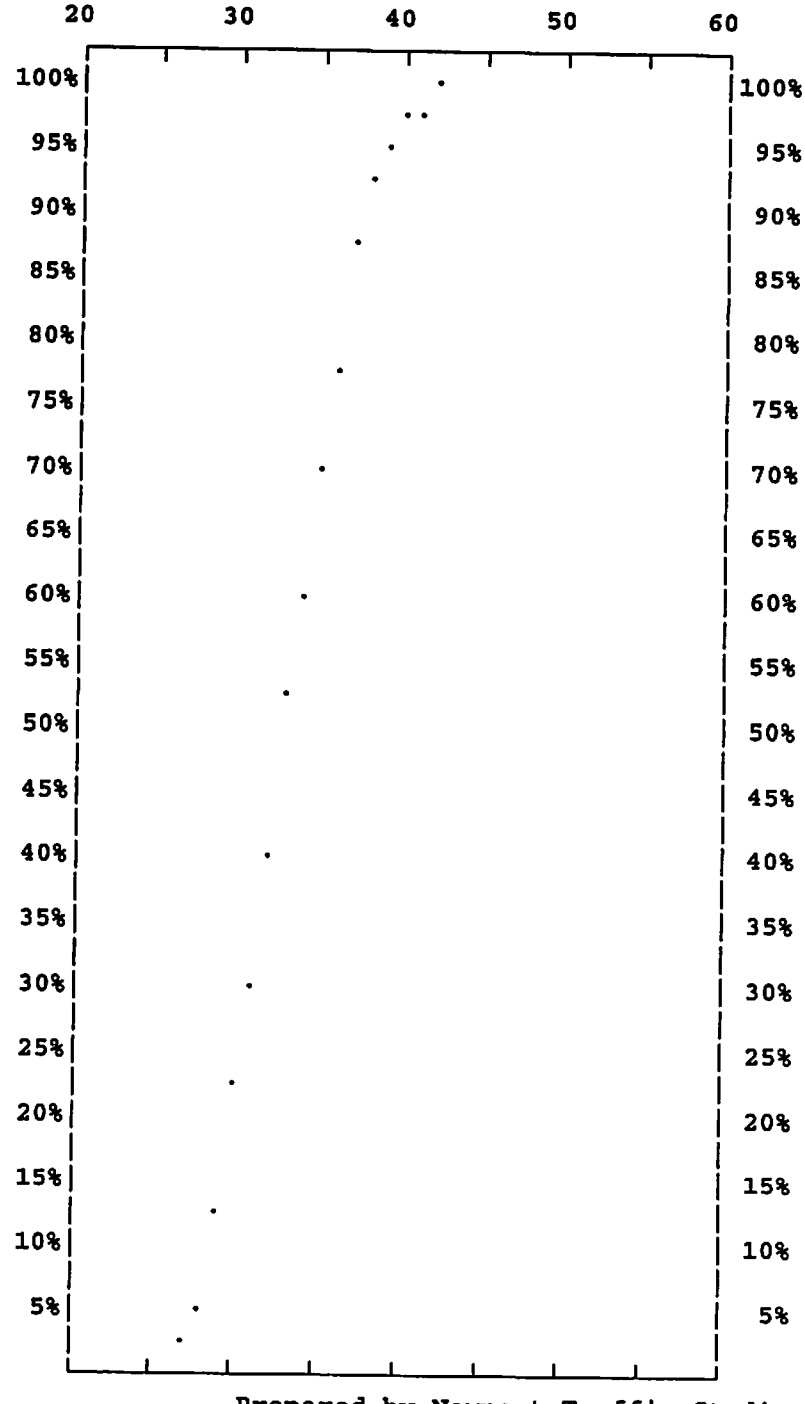
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	DRUMMOND MAHAN/DOWNS		
DIRECTION	EASTBOUND	15th PERCENTILE SPEED	29.09
DATE	10-14-08	50th PERCENTILE SPEED	32.69
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	36.58
TIME OF DAY	10:31AM - 11:31AM	95th PERCENTILE SPEED	38.58
POSTED SPEED LIMIT	40	RANGE OF SPEEDS	26 TO 42
NUMBER OF LANES	2/4	10 MPH PACE SPEEDS	28 TO 37
DEVELOPMENT	LIM ACC RES	PERCENT IN PACE	85.96
WEATHER	CLEAR	CALCULATED MEAN	33.35
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.66
95% CONFIDENCE GAP	31.92 TO 34.78	SKEWNESS INDEX	-0.06

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	0	0.000	99.999
52	0	0.000	99.999
51	0	0.000	99.999
50	0	0.000	99.999
49	0	0.000	99.999
48	0	0.000	99.999
47	0	0.000	99.999
46	0	0.000	99.999
45	0	0.000	99.999
44	0	0.000	99.999
43	0	0.000	99.999
42	1	1.754	99.999
41	0	0.000	98.245
40	1	1.754	98.245
39	2	3.509	96.491
38	2	3.509	92.982
37	6	10.526	89.473
36	4	7.018	78.947
35	6	10.526	71.929
34	4	7.018	61.403
33	8	14.035	54.386
32	5	8.772	40.351
31	4	7.018	31.579
30	6	10.526	24.561
29	4	7.018	14.035
28	2	3.509	7.017
27	1	1.754	3.509
26	1	1.754	1.754
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



57 VEHICLES OBSERVED

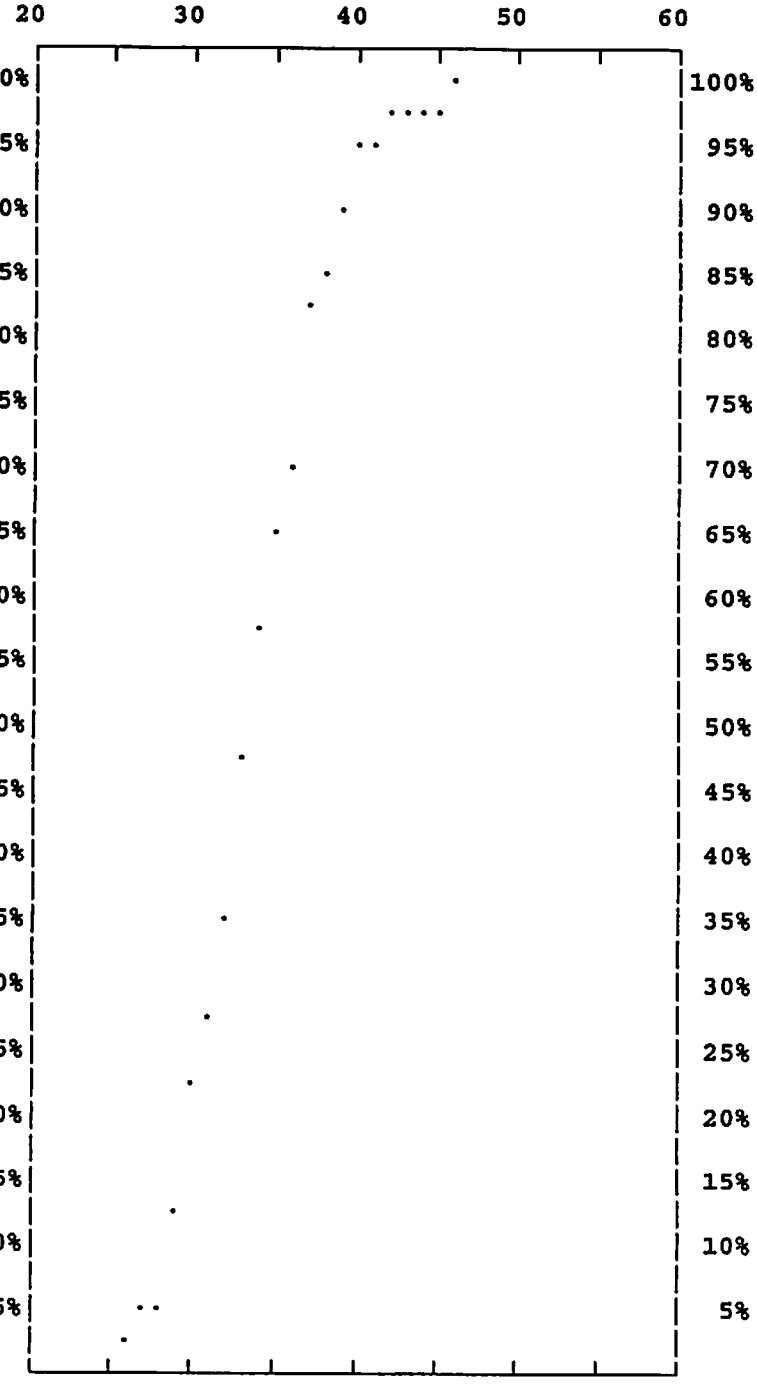
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	DRUMMOND MAHAN/DOWNS		
DIRECTION	TOTAL	15th PERCENTILE SPEED	29.12
DATE	10-14-08	50th PERCENTILE SPEED	33.00
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	37.30
TIME OF DAY	10:31AM - 11:31AM	95th PERCENTILE SPEED	39.83
POSTED SPEED LIMIT	40	RANGE OF SPEEDS	24 TO 46
NUMBER OF LANES	2/4	10 MPH PACE SPEEDS	29 TO 38
DEVELOPMENT	LIM ACC RES	PERCENT IN PACE	79.79
WEATHER	CLEAR	CALCULATED MEAN	33.82
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.36
95% CONFIDENCE GAP	32.76 TO 34.88	SKEWNESS INDEX	-0.10

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	0	0.000	99.999
52	0	0.000	99.999
51	0	0.000	99.999
50	0	0.000	99.999
49	0	0.000	99.999
48	0	0.000	99.999
47	0	0.000	99.999
46	1	1.064	99.999
45	0	0.000	98.935
44	0	0.000	98.935
43	1	1.064	98.935
42	1	1.064	97.872
41	1	1.064	96.808
40	4	4.255	95.744
39	4	4.255	91.489
38	3	3.191	87.233
37	11	11.702	84.042
36	5	5.319	72.340
35	8	8.511	67.021
34	8	8.511	58.510
33	13	13.830	50.000
32	7	7.447	36.170
31	5	5.319	28.723
30	9	9.574	23.404
29	6	6.383	13.830
28	2	2.128	7.447
27	2	2.128	5.319
26	2	2.128	3.191
25	0	0.000	1.064
24	1	1.064	1.064
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



94 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION DRUMMOND DOWNS/NORMA

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	33.94
DATE	10-14-08	50th PERCENTILE SPEED	38.35
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	43.05
TIME OF DAY	09:41AM - 10:29AM	95th PERCENTILE SPEED	45.98
POSTED SPEED LIMIT	40	RANGE OF SPEEDS	26 TO 54
NUMBER OF LANES	4	10 MPH PACE SPEEDS	35 TO 44
DEVELOPMENT	LIM ACC RES	PERCENT IN PACE	75.74
WEATHER	CLEAR	CALCULATED MEAN	39.10
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.34
95% CONFIDENCE GAP	38.38 TO 39.82	SKEWNESS INDEX	-0.04
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	202

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE EAST 35mph SPEED LIMIT ON THE WEST 40mph

RECOMMENDATIONS It is recommended to keep speed limit at 40mph for consistency.

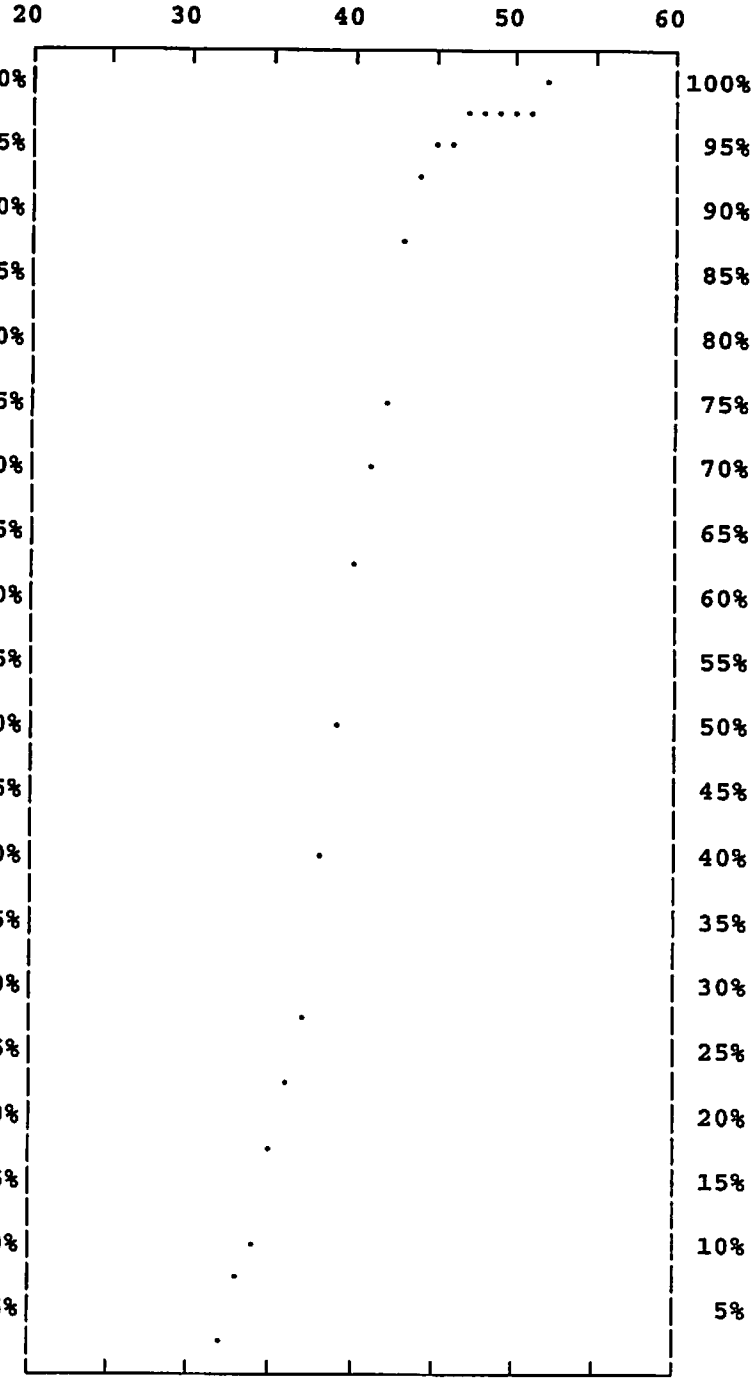
RECOMMENDED SPEED LIMIT 40mph BY RK DATE 11/19/08

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	DRUMMOND DOWNS/NORMA		
DIRECTION	EASTBOUND	15th PERCENTILE SPEED	34.45
DATE	10-14-08	50th PERCENTILE SPEED	38.94
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	42.71
TIME OF DAY	09:41AM - 10:29AM	95th PERCENTILE SPEED	44.48
POSTED SPEED LIMIT	40	RANGE OF SPEEDS	31 TO 52
NUMBER OF LANES	4	10 MPH PACE SPEEDS	35 TO 44
DEVELOPMENT	LIM ACC RES	PERCENT IN PACE	82.18
WEATHER	CLEAR	CALCULATED MEAN	39.33
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.54
95% CONFIDENCE GAP	38.27 TO 40.38	SKEWNESS INDEX	0.12

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.998
59	0	0.000	99.998
58	0	0.000	99.998
57	0	0.000	99.998
56	0	0.000	99.998
55	0	0.000	99.998
54	0	0.000	99.998
53	0	0.000	99.998
52	1	0.990	99.998
51	0	0.000	99.008
50	0	0.000	99.008
49	0	0.000	99.008
48	1	0.990	99.008
47	2	1.980	98.018
46	0	0.000	96.038
45	2	1.980	96.038
44	6	5.941	94.058
43	11	10.891	88.118
42	7	6.931	77.227
41	7	6.931	70.296
40	13	12.871	63.365
39	9	8.911	50.494
38	13	12.871	41.583
37	6	5.941	28.712
36	4	3.960	22.772
35	7	6.931	18.811
34	4	3.960	11.881
33	3	2.970	7.921
32	4	3.960	4.950
31	1	0.990	0.990
30	0	0.000	0.000
29	0	0.000	0.000
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



101 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

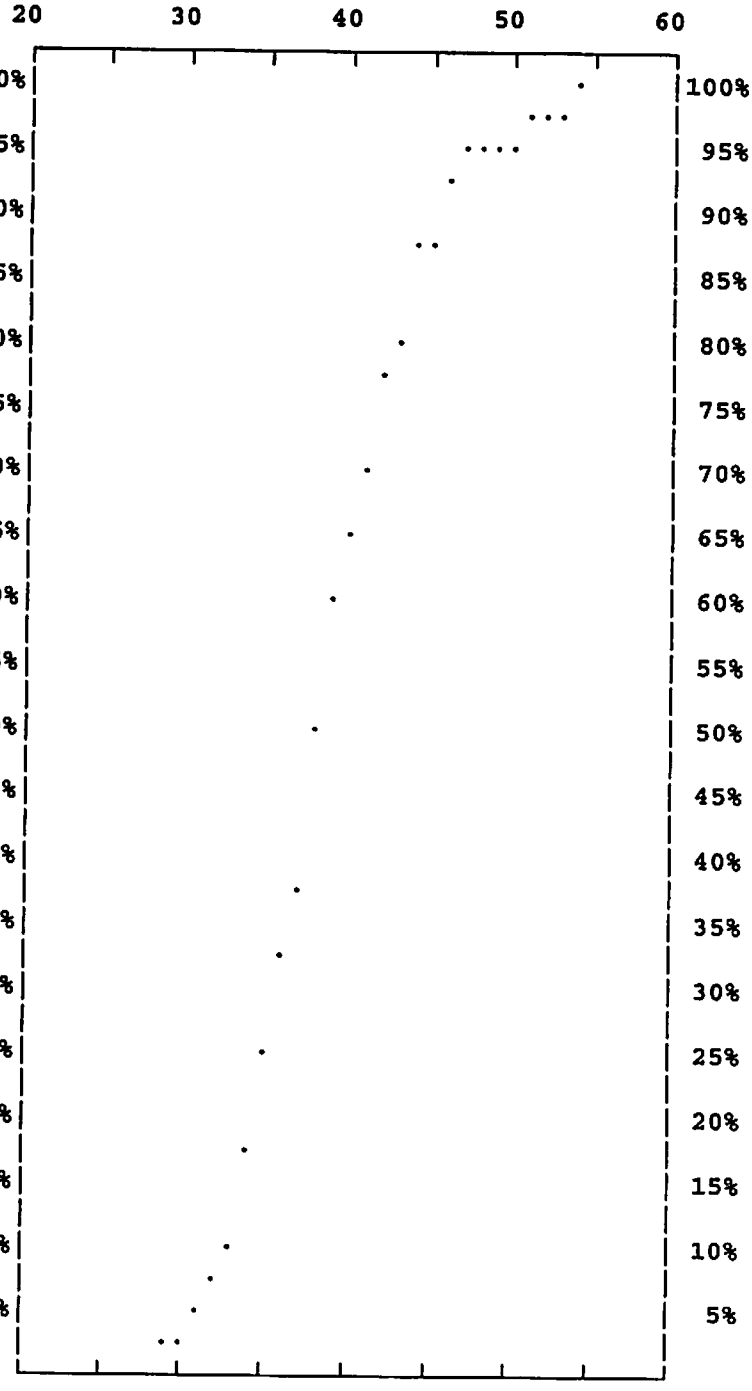
RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	DRUMMOND DOWNS/NORMA		
DIRECTION	WESTBOUND	15th PERCENTILE SPEED	33.45
DATE	10-14-08	50th PERCENTILE SPEED	37.81
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	43.55
TIME OF DAY	09:41AM - 10:29AM	95th PERCENTILE SPEED	46.95
POSTED SPEED LIMIT	40	RANGE OF SPEEDS	26 TO 54
NUMBER OF LANES	4	10 MPH PACE SPEEDS	33 TO 42
DEVELOPMENT	LIM ACC RES	PERCENT IN PACE	69.31
WEATHER	CLEAR	CALCULATED MEAN	38.87
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.47
95% CONFIDENCE GAP	37.64 TO 40.10	SKEWNESS INDEX	-0.11

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.998
59	0	0.000	99.998
58	0	0.000	99.998
57	0	0.000	99.998
56	0	0.000	99.998
55	0	0.000	99.998
54	1	0.990	99.998
53	0	0.000	99.008
52	1	0.990	99.008
51	2	1.980	98.018
50	1	0.990	96.038
49	0	0.000	95.048
48	0	0.000	95.048
47	1	0.990	95.048
46	5	4.950	94.058
45	1	0.990	89.107
44	7	6.931	88.117
43	3	2.970	81.187
42	7	6.931	78.216
41	4	3.960	71.286
40	7	6.931	67.326
39	8	7.921	60.395
38	13	12.871	52.474
37	7	6.931	39.603
36	7	6.931	32.672
35	7	6.931	25.742
34	7	6.931	18.811
33	3	2.970	11.881
32	3	2.970	8.910
31	2	1.980	5.940
30	1	0.990	3.960
29	2	1.980	2.970
28	0	0.000	0.990
27	0	0.000	0.990
26	1	0.990	0.990
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000

101 VEHICLES OBSERVED



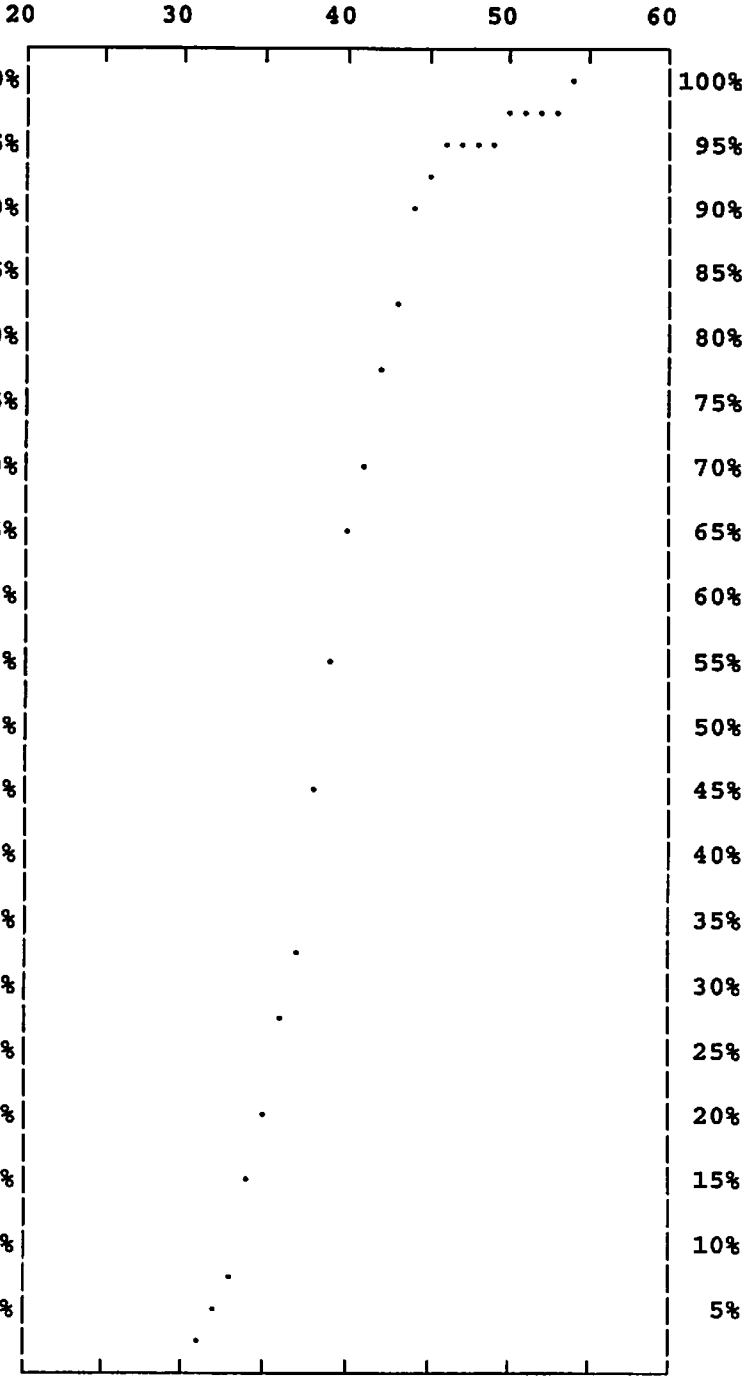
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	DRUMMOND DOWNS/NORMA		
DIRECTION	TOTAL	15th PERCENTILE SPEED	33.94
DATE	10-14-08	50th PERCENTILE SPEED	38.35
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	43.05
TIME OF DAY	09:41AM - 10:29AM	95th PERCENTILE SPEED	45.98
POSTED SPEED LIMIT	40	RANGE OF SPEEDS	26 TO 54
NUMBER OF LANES	4	10 MPH PACE SPEEDS	35 TO 44
DEVELOPMENT	LIM ACC RES	PERCENT IN PACE	75.74
WEATHER	CLEAR	CALCULATED MEAN	39.10
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.34
95% CONFIDENCE GAP	38.38 TO 39.82	SKEWNESS INDEX	-0.04

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %	
60	0	0.000	99.998	100%
59	0	0.000	99.998	
58	0	0.000	99.998	95%
57	0	0.000	99.998	
56	0	0.000	99.998	90%
55	0	0.000	99.998	
54	1	0.495	99.998	85%
53	0	0.000	99.503	
52	2	0.990	99.503	80%
51	2	0.990	98.513	
50	1	0.495	97.523	75%
49	0	0.000	97.028	
48	1	0.495	97.028	70%
47	3	1.485	96.533	
46	5	2.475	95.048	65%
45	3	1.485	92.573	
44	13	6.436	91.088	60%
43	14	6.931	84.652	
42	14	6.931	77.722	55%
41	11	5.446	70.791	
40	20	9.901	65.346	50%
39	17	8.416	55.445	
38	26	12.871	47.029	45%
37	13	6.436	34.158	
36	11	5.446	27.722	40%
35	14	6.931	22.277	
34	11	5.446	15.346	35%
33	6	2.970	9.901	
32	7	3.465	6.930	30%
31	3	1.485	3.465	
30	1	0.495	1.980	25%
29	2	0.990	1.485	
28	0	0.000	0.495	20%
27	0	0.000	0.495	
26	1	0.495	0.495	15%
25	0	0.000	0.000	
24	0	0.000	0.000	10%
23	0	0.000	0.000	
22	0	0.000	0.000	5%
21	0	0.000	0.000	



202 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION DRUMMOND NORMA/CHINA LAKE

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	32.20
DATE	10-14-08	50th PERCENTILE SPEED	35.83
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	40.44
TIME OF DAY	09:04AM - 09:40AM	95th PERCENTILE SPEED	44.00
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	27 TO 50
NUMBER OF LANES	4	10 MPH PACE SPEEDS	32 TO 41
DEVELOPMENT	COMMERCIAL	PERCENT IN PACE	79.50
WEATHER	CLEAR	CALCULATED MEAN	36.78
ROAD CONDITION	PAVED	STANDARD DEVIATION	4.97
95% CONFIDENCE GAP	36.10 TO 37.45	SKEWNESS INDEX	-0.15
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	200

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE EAST 35mph SPEED LIMIT ON THE WEST 40mph

RECOMMENDATIONS _____

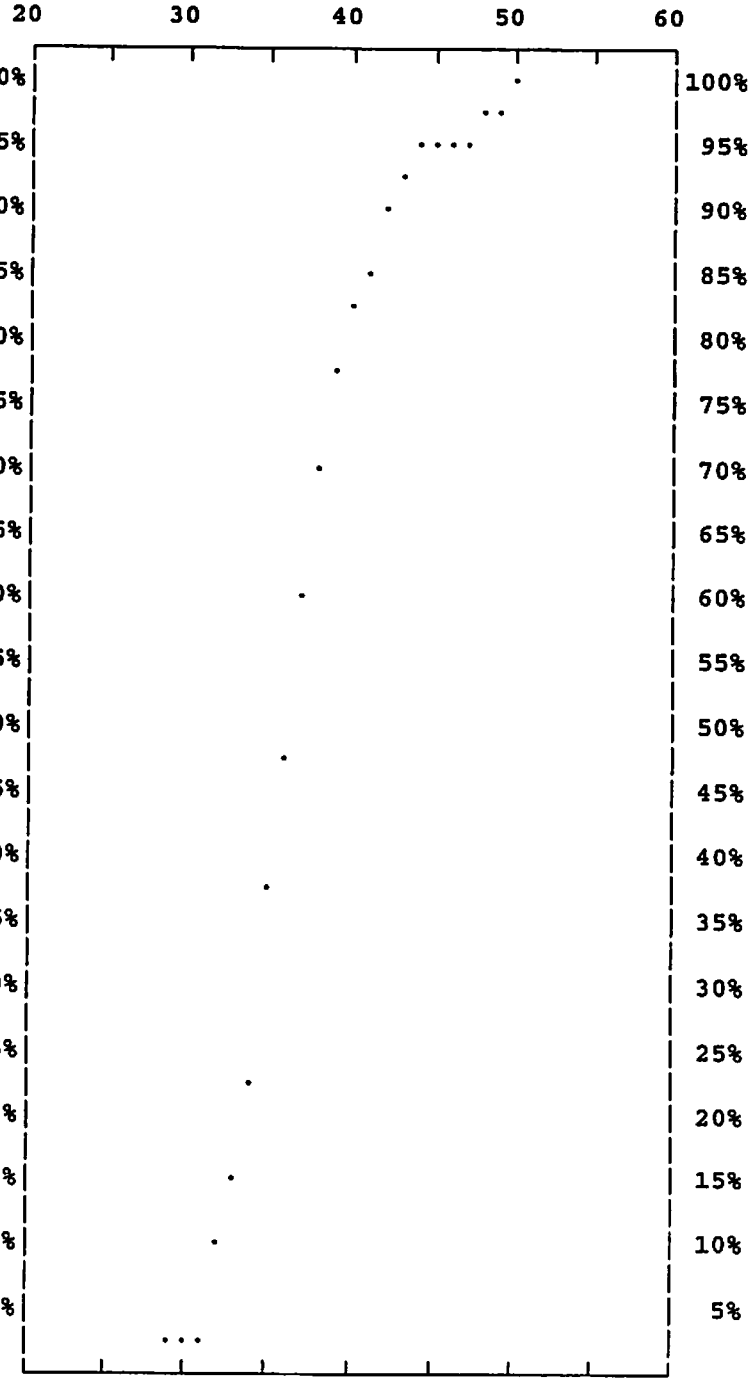
RECOMMENDED SPEED LIMIT 40mph BY RK DATE 11/19/08

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	DRUMMOND NORMA/CHINA LAKE		
DIRECTION	EASTBOUND	15th PERCENTILE SPEED	32.74
DATE	10-14-08	50th PERCENTILE SPEED	36.05
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	40.18
TIME OF DAY	09:04AM - 09:40AM	95th PERCENTILE SPEED	43.85
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	27 TO 50
NUMBER OF LANES	4	10 MPH PACE SPEEDS	32 TO 41
DEVELOPMENT	COMMERCIAL	PERCENT IN PACE	82.52
WEATHER	CLEAR	CALCULATED MEAN	36.95
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.50
95% CONFIDENCE GAP	35.92 TO 37.99	SKEWNESS INDEX	-0.17

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	0	0.000	99.999
52	0	0.000	99.999
51	0	0.000	99.999
50	1	0.971	99.999
49	0	0.000	99.028
48	2	1.942	99.028
47	0	0.000	97.087
46	2	1.942	97.087
45	0	0.000	95.145
44	1	0.971	95.145
43	3	2.913	94.174
42	4	3.883	91.261
41	3	2.913	87.378
40	6	5.825	84.465
39	8	7.767	78.640
38	11	10.680	70.873
37	11	10.680	60.194
36	12	11.650	49.514
35	14	13.592	37.864
34	8	7.767	24.272
33	6	5.825	16.505
32	6	5.825	10.679
31	1	0.971	4.854
30	0	0.000	3.883
29	2	1.942	3.883
28	0	0.000	1.942
27	2	1.942	1.942
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



103 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

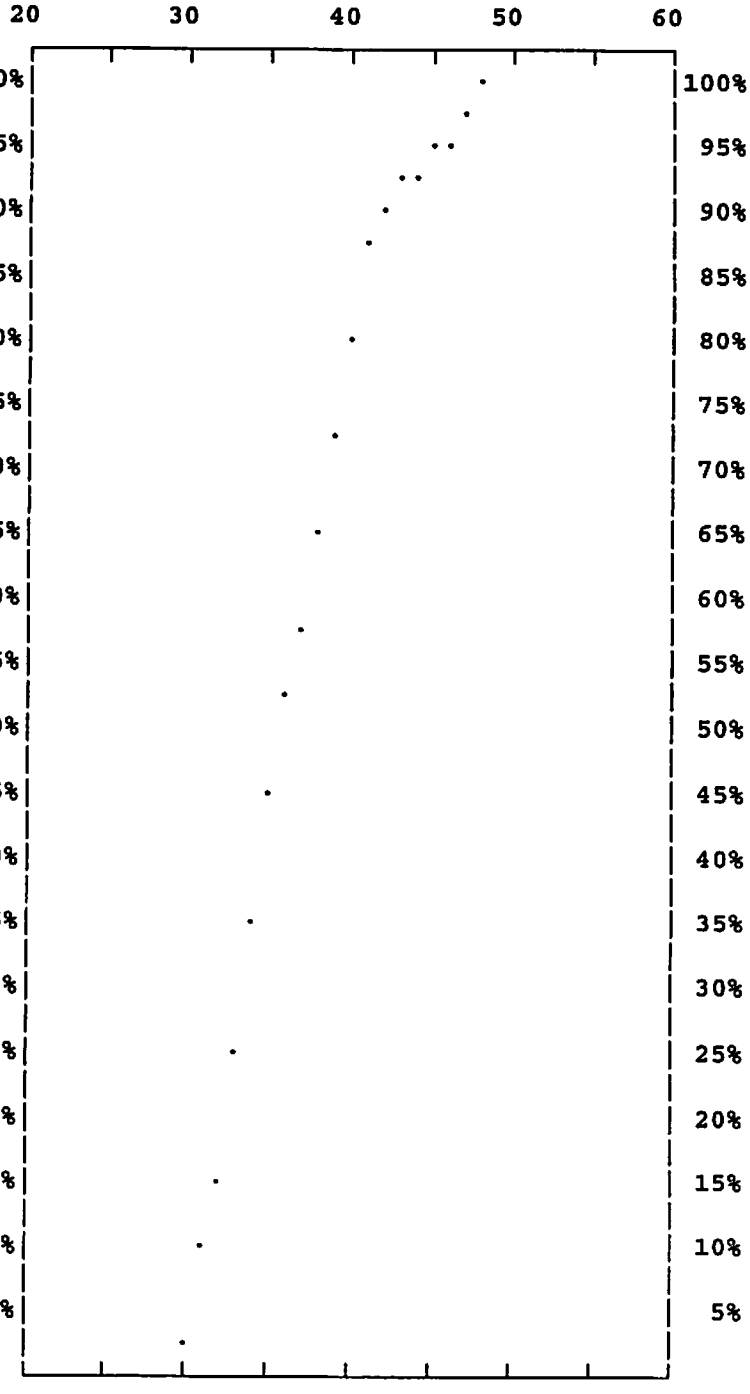
RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	DRUMMOND NORMA/CHINA LAKE		
DIRECTION	WESTBOUND	15th PERCENTILE SPEED	31.71
DATE	10-14-08	50th PERCENTILE SPEED	35.42
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	40.58
TIME OF DAY	09:04AM - 09:40AM	95th PERCENTILE SPEED	44.15
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	27 TO 48
NUMBER OF LANES	4	10 MPH PACE SPEEDS	31 TO 40
DEVELOPMENT	COMMERCIAL	PERCENT IN PACE	77.32
WEATHER	CLEAR	CALCULATED MEAN	36.59
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.74
95% CONFIDENCE GAP	35.47 TO 37.70	SKEWNESS INDEX	-0.19

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	0	0.000	99.999
52	0	0.000	99.999
51	0	0.000	99.999
50	0	0.000	99.999
49	0	0.000	99.999
48	1	1.031	99.999
47	2	2.062	98.968
46	1	1.031	96.906
45	1	1.031	95.875
44	1	1.031	94.844
43	3	3.093	93.814
42	3	3.093	90.721
41	6	6.186	87.628
40	7	7.216	81.443
39	8	8.247	74.226
38	6	6.186	65.979
37	6	6.186	59.793
36	6	6.186	53.608
35	10	10.309	47.422
34	11	11.340	37.113
33	9	9.278	25.773
32	5	5.155	16.495
31	7	7.216	11.340
30	2	2.062	4.124
29	0	0.000	2.062
28	1	1.031	2.062
27	1	1.031	1.031
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000

97 VEHICLES OBSERVED



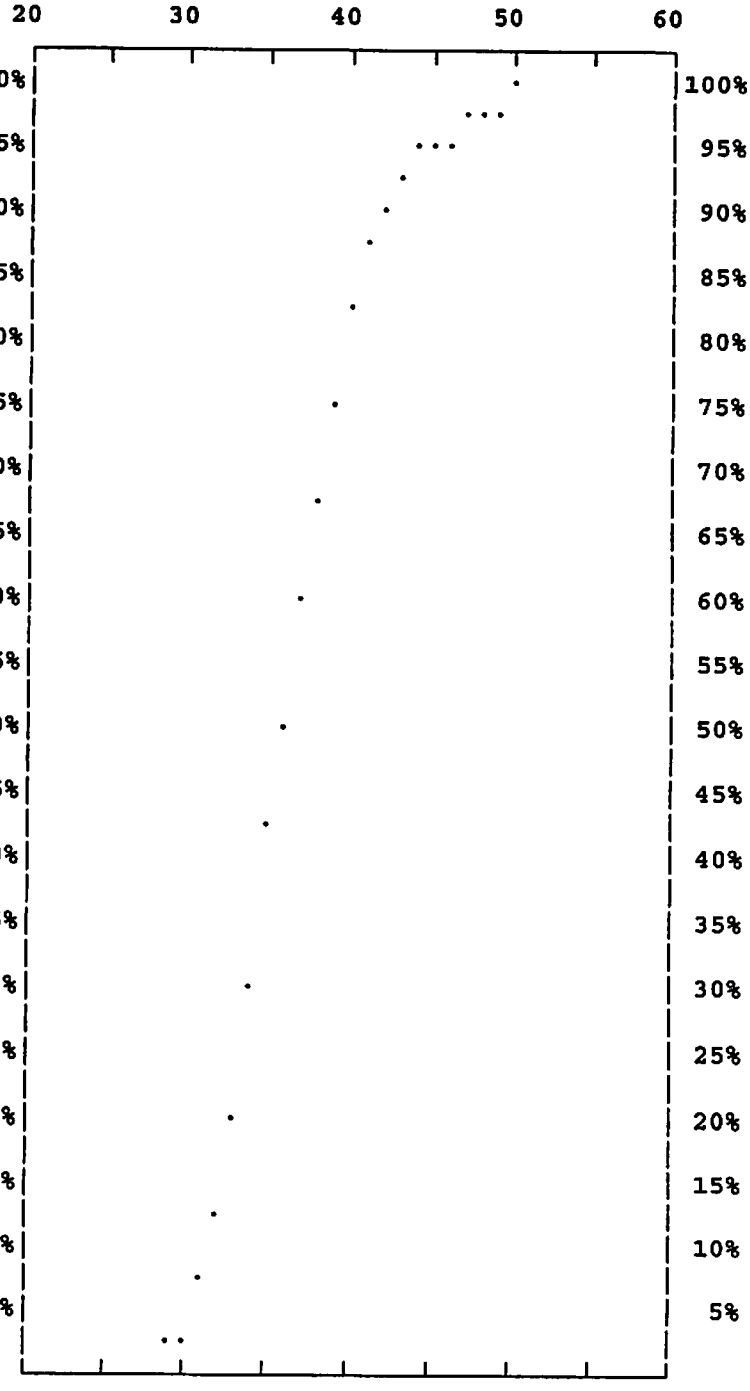
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	DRUMMOND NORMA/CHINA LAKE		
DIRECTION	TOTAL	15th PERCENTILE SPEED	32.20
DATE	10-14-08	50th PERCENTILE SPEED	35.83
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	40.44
TIME OF DAY	09:04AM - 09:40AM	95th PERCENTILE SPEED	44.00
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	27 TO 50
NUMBER OF LANES	4	10 MPH PACE SPEEDS	32 TO 41
DEVELOPMENT	COMMERCIAL	PERCENT IN PACE	79.50
WEATHER	CLEAR	CALCULATED MEAN	36.78
ROAD CONDITION	PAVED	STANDARD DEVIATION	4.97
95% CONFIDENCE GAP	36.10 TO 37.45	SKEWNESS INDEX	-0.15

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	100.000
59	0	0.000	100.000
58	0	0.000	100.000
57	0	0.000	100.000
56	0	0.000	100.000
55	0	0.000	100.000
54	0	0.000	100.000
53	0	0.000	100.000
52	0	0.000	100.000
51	0	0.000	100.000
50	1	0.500	100.000
49	0	0.000	99.500
48	3	1.500	99.500
47	2	1.000	98.000
46	3	1.500	97.000
45	1	0.500	95.500
44	2	1.000	95.000
43	6	3.000	94.000
42	7	3.500	91.000
41	9	4.500	87.500
40	13	6.500	83.000
39	16	8.000	76.500
38	17	8.500	68.500
37	17	8.500	60.000
36	18	9.000	51.500
35	24	12.000	42.500
34	19	9.500	30.500
33	15	7.500	21.000
32	11	5.500	13.500
31	8	4.000	8.000
30	2	1.000	4.000
29	2	1.000	3.000
28	1	0.500	2.000
27	3	1.500	1.500
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



200 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION DOWNS DRUMMOND/LAS FLORES

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	37.41
DATE	10-13-08	50th PERCENTILE SPEED	42.24
DAY OF WEEK	Monday	85th PERCENTILE SPEED	47.19
TIME OF DAY	01:32PM - 02:03PM	95th PERCENTILE SPEED	50.33
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	28 TO 59
NUMBER OF LANES	4	10 MPH PACE SPEEDS	38 TO 47
DEVELOPMENT	LIM ACC RES	PERCENT IN PACE	71.96
WEATHER	CLEAR	CALCULATED MEAN	42.71
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.86
95% CONFIDENCE GAP	41.95 TO 43.48	SKEWNESS INDEX	0.01
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	214

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE NORTH <45mph SPEED LIMIT ON THE SOUTH <45mph

RECOMMENDATIONS _____

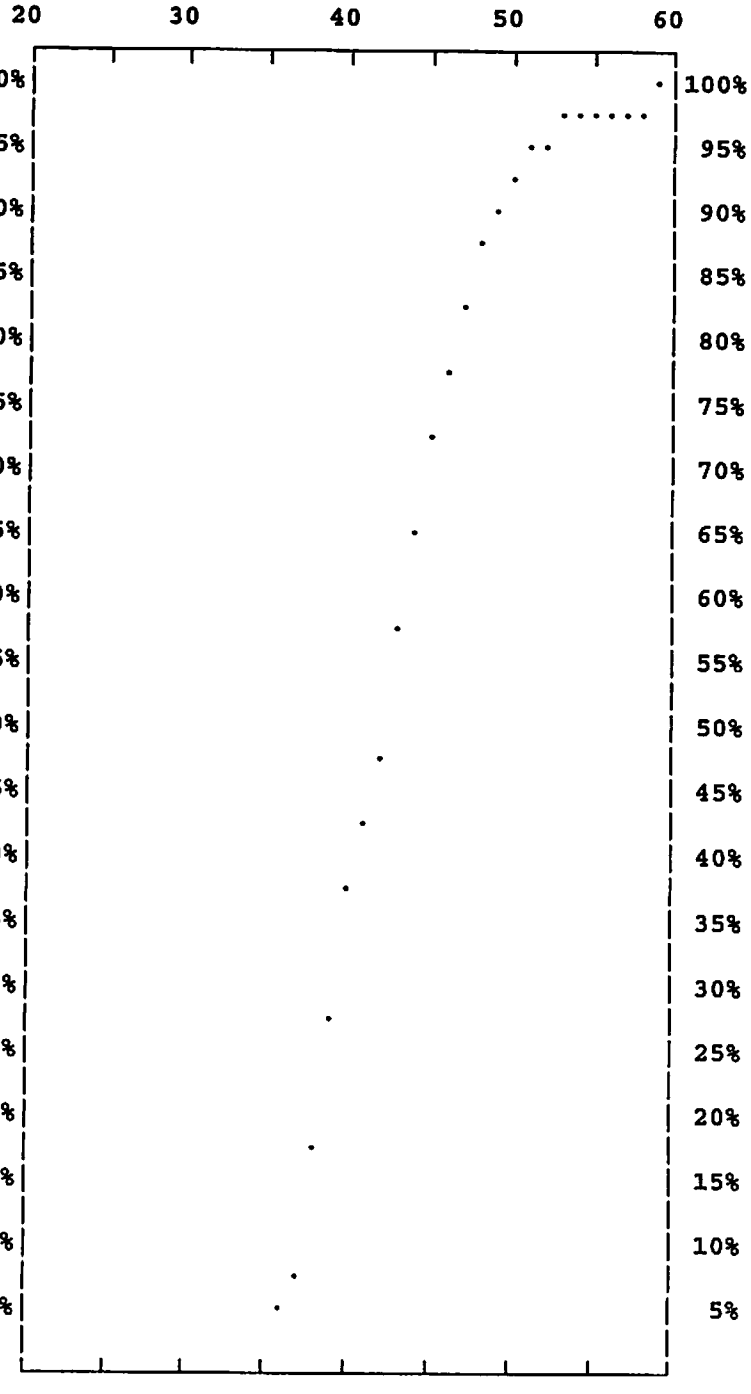
RECOMMENDED SPEED LIMIT <45mph BY RK DATE 11/19/08

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	DOWNS DRUMMOND/LAS FLORES		
DIRECTION	NORTHBOUND	15th PERCENTILE SPEED	37.54
DATE	10-13-08	50th PERCENTILE SPEED	42.00
DAY OF WEEK	Monday	85th PERCENTILE SPEED	47.22
TIME OF DAY	01:32PM - 02:03PM	95th PERCENTILE SPEED	50.35
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	33 TO 59
NUMBER OF LANES	4	10 MPH PACE SPEEDS	38 TO 47
DEVELOPMENT	LIM ACC RES	PERCENT IN PACE	74.53
WEATHER	CLEAR	CALCULATED MEAN	42.82
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.33
95% CONFIDENCE GAP	41.65 TO 43.99	SKEWNESS INDEX	-0.14

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.998
59	1	0.943	99.998
58	0	0.000	99.055
57	0	0.000	99.055
56	1	0.943	99.055
55	0	0.000	98.112
54	0	0.000	98.112
53	1	0.943	98.112
52	1	0.943	97.168
51	2	1.887	96.225
50	3	2.830	94.338
49	3	2.830	91.508
48	5	4.717	88.678
47	6	5.660	83.961
46	6	5.660	78.301
45	8	7.547	72.641
44	8	7.547	65.094
43	8	7.547	57.546
42	6	5.660	49.999
41	7	6.604	44.339
40	9	8.491	37.735
39	10	9.434	29.245
38	11	10.377	19.811
37	4	3.774	9.434
36	4	3.774	5.660
35	0	0.000	1.887
34	1	0.943	1.887
33	1	0.943	0.943
32	0	0.000	0.000
31	0	0.000	0.000
30	0	0.000	0.000
29	0	0.000	0.000
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



106 VEHICLES OBSERVED

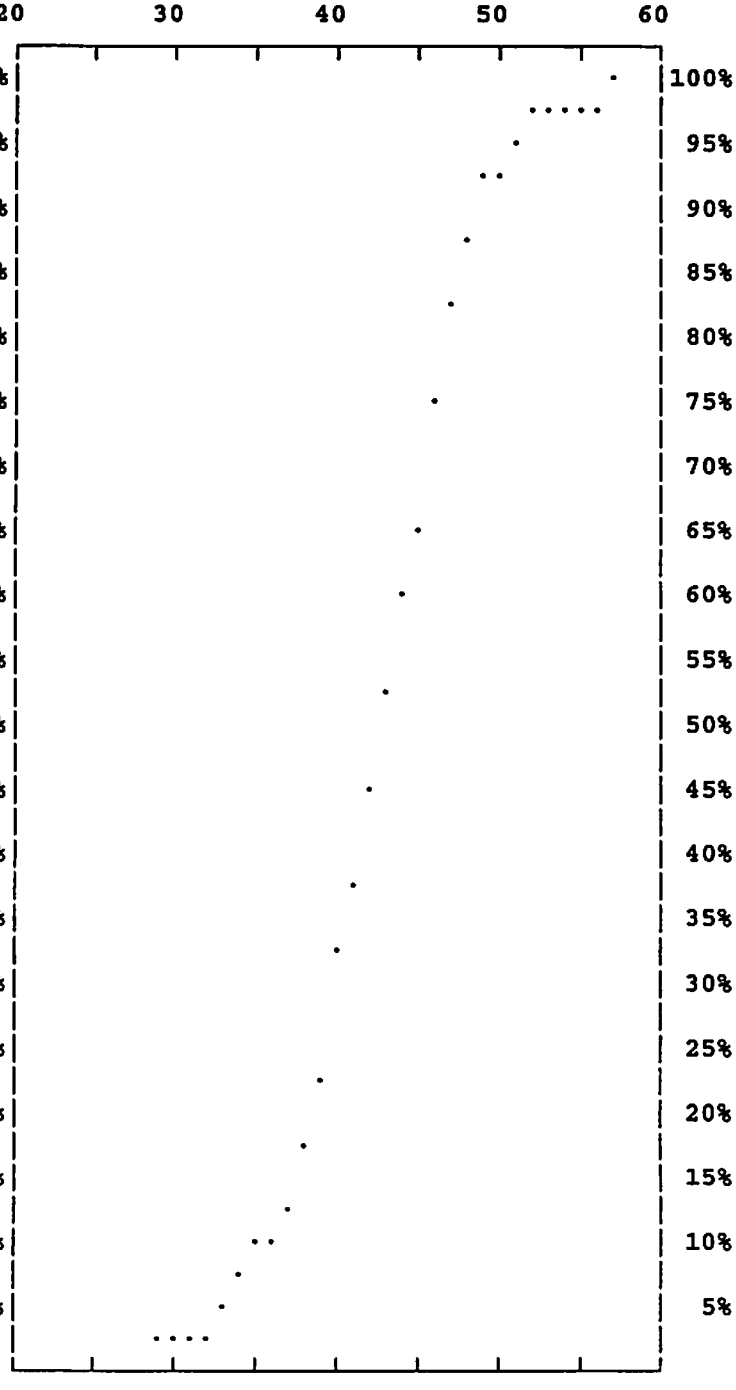
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	DOWNS DRUMMOND/LAS FLORES		
DIRECTION	SOUTHBOUND	15th PERCENTILE SPEED	37.05
DATE	10-13-08	50th PERCENTILE SPEED	42.44
DAY OF WEEK	Monday	85th PERCENTILE SPEED	47.16
TIME OF DAY	01:32PM - 02:03PM	95th PERCENTILE SPEED	50.30
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	28 TO 57
NUMBER OF LANES	4	10 MPH PACE SPEEDS	39 TO 48
DEVELOPMENT	LIM ACC RES	PERCENT IN PACE	70.37
WEATHER	CLEAR	CALCULATED MEAN	42.60
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.79
95% CONFIDENCE GAP	41.35 TO 43.85	SKEWNESS INDEX	0.19

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %	
60	0	0.000	99.999	100%
59	0	0.000	99.999	
58	0	0.000	99.999	95%
57	1	0.926	99.999	
56	0	0.000	99.073	90%
55	1	0.926	99.073	
54	0	0.000	98.147	85%
53	0	0.000	98.147	
52	2	1.852	98.147	80%
51	2	1.852	96.295	
50	0	0.000	94.443	75%
49	6	5.556	94.443	
48	5	4.630	88.888	70%
47	8	7.407	84.258	
46	11	10.185	76.851	65%
45	6	5.556	66.666	
44	7	6.481	61.110	60%
43	9	8.333	54.629	
42	7	6.481	46.296	55%
41	7	6.481	39.814	
40	9	8.333	33.333	50%
39	7	6.481	25.000	
38	4	3.704	18.518	45%
37	3	2.778	14.814	
36	2	1.852	12.037	40%
35	2	1.852	10.185	
34	2	1.852	8.333	35%
33	2	1.852	6.481	
32	1	0.926	4.630	30%
31	1	0.926	3.704	
30	0	0.000	2.778	25%
29	2	1.852	2.778	
28	1	0.926	0.926	20%
27	0	0.000	0.000	
26	0	0.000	0.000	15%
25	0	0.000	0.000	
24	0	0.000	0.000	10%
23	0	0.000	0.000	
22	0	0.000	0.000	5%
21	0	0.000	0.000	



108 VEHICLES OBSERVED

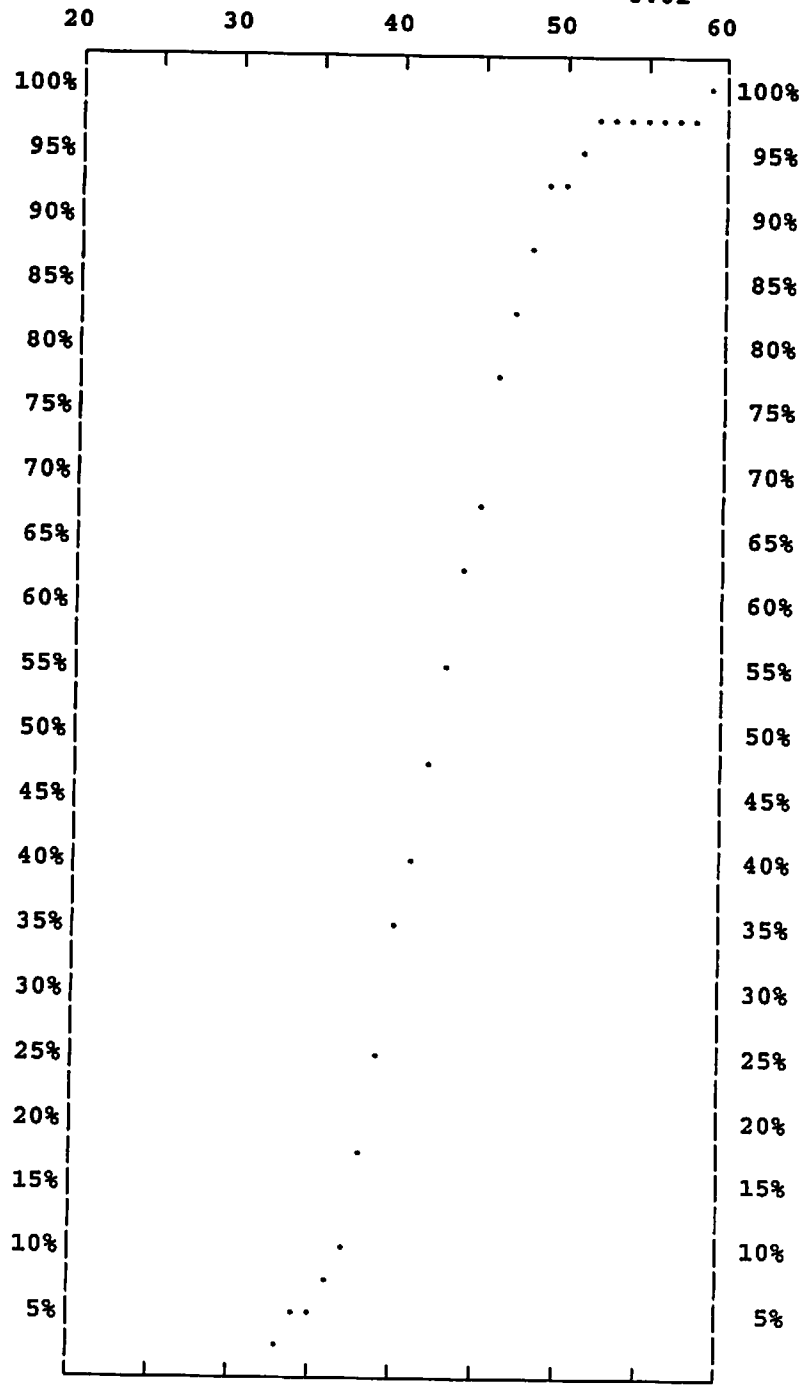
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	DOWNS DRUMMOND/LAS FLORES		
DIRECTION	TOTAL	15th PERCENTILE SPEED	37.41
DATE	10-13-08	50th PERCENTILE SPEED	42.24
DAY OF WEEK	Monday	85th PERCENTILE SPEED	47.19
TIME OF DAY	01:32PM - 02:03PM	95th PERCENTILE SPEED	50.33
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	28 TO 59
NUMBER OF LANES	4	10 MPH PACE SPEEDS	38 TO 47
DEVELOPMENT	LIM ACC RES	PERCENT IN PACE	71.96
WEATHER	CLEAR	CALCULATED MEAN	42.71
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.86
95% CONFIDENCE GAP	41.95 TO 43.48	SKEWNESS INDEX	0.01

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.998
59	1	0.467	99.998
58	0	0.000	99.531
57	1	0.467	99.531
56	1	0.467	99.064
55	1	0.467	98.597
54	0	0.000	98.129
53	1	0.467	98.129
52	3	1.402	97.662
51	4	1.869	96.260
50	3	1.402	94.391
49	9	4.206	92.990
48	10	4.673	88.784
47	14	6.542	84.111
46	17	7.944	77.569
45	14	6.542	69.625
44	15	7.009	63.083
43	17	7.944	56.074
42	13	6.075	48.130
41	14	6.542	42.055
40	18	8.411	35.513
39	17	7.944	27.102
38	15	7.009	19.158
37	7	3.271	12.149
36	6	2.804	8.878
35	2	0.935	6.074
34	3	1.402	5.140
33	3	1.402	3.738
32	1	0.467	2.336
31	1	0.467	1.869
30	0	0.000	1.402
29	2	0.935	1.402
28	1	0.467	0.467
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



214 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

(9)

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION N NORMA DRUMMOND/LAS FLORES

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	32.46
DATE	10-14-08	50th PERCENTILE SPEED	36.41
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	40.35
TIME OF DAY	01:08PM - 01:43PM	95th PERCENTILE SPEED	42.90
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	25 TO 50
NUMBER OF LANES	4	10 MPH PACE SPEEDS	33 TO 42
DEVELOPMENT	RES/COMM	PERCENT IN PACE	80.48
WEATHER	CLEAR	CALCULATED MEAN	36.88
ROAD CONDITION	PAVED	STANDARD DEVIATION	4.79
95% CONFIDENCE GAP	36.25 TO 37.51	SKEWNESS INDEX	0.07
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	210

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE NORTH 40mph SPEED LIMIT ON THE SOUTH 25mph

RECOMMENDATIONS The roadway geometry justifies the speed increase from 25mph to 40mph

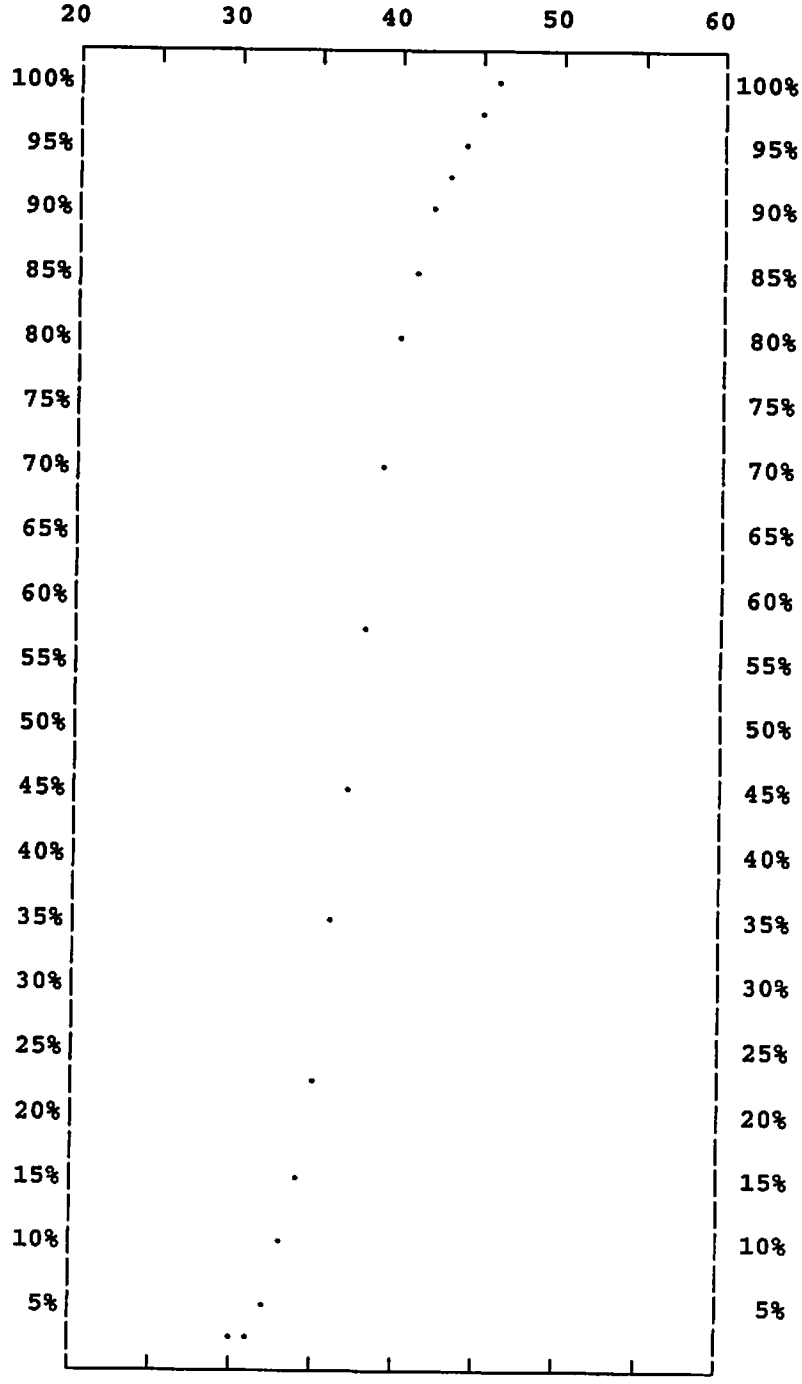
RECOMMENDED SPEED LIMIT 40mph BY RK DATE 11/19/08

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	N NORMA DRUMMOND/LAS FLORES		
DIRECTION	NORTHBOUND	15th PERCENTILE SPEED	33.66
DATE	10-14-08	50th PERCENTILE SPEED	37.38
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	40.67
TIME OF DAY	01:08PM - 01:43PM	95th PERCENTILE SPEED	43.30
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	29 TO 46
NUMBER OF LANES	4	10 MPH PACE SPEEDS	33 TO 42
DEVELOPMENT	RES/COMM	PERCENT IN PACE	85.29
WEATHER	CLEAR	CALCULATED MEAN	37.74
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.13
95% CONFIDENCE GAP	36.77 TO 38.71	SKEWNESS INDEX	0.03

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	0	0.000	99.999
52	0	0.000	99.999
51	0	0.000	99.999
50	0	0.000	99.999
49	0	0.000	99.999
48	0	0.000	99.999
47	0	0.000	99.999
46	2	1.961	99.999
45	1	0.980	98.038
44	3	2.941	97.058
43	2	1.961	94.117
42	5	4.902	92.156
41	7	6.863	87.254
40	10	9.804	80.391
39	13	12.745	70.588
38	13	12.745	57.843
37	10	9.804	45.098
36	11	10.784	35.294
35	8	7.843	24.509
34	5	4.902	16.666
33	5	4.902	11.764
32	2	1.961	6.862
31	2	1.961	4.902
30	2	1.961	2.941
29	1	0.980	0.980
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



102 VEHICLES OBSERVED

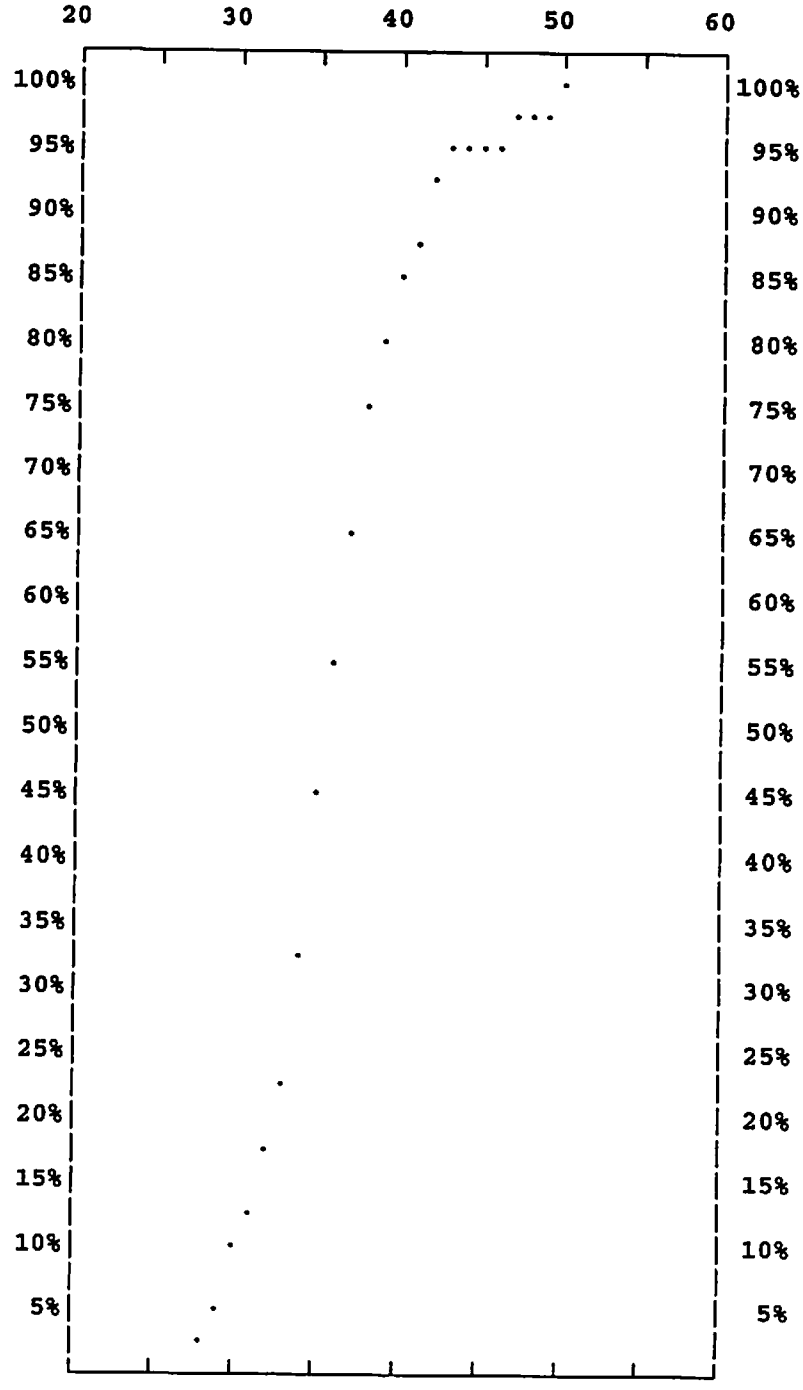
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	N NORMA DRUMMOND/LAS FLORES		
DIRECTION	SOUTHBOUND	15th PERCENTILE SPEED	31.44
DATE	10-14-08	50th PERCENTILE SPEED	35.45
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	39.76
TIME OF DAY	01:08PM - 01:43PM	95th PERCENTILE SPEED	42.53
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	25 TO 50
NUMBER OF LANES	4	10 MPH PACE SPEEDS	32 TO 41
DEVELOPMENT	RES/COMM	PERCENT IN PACE	75.93
WEATHER	CLEAR	CALCULATED MEAN	36.07
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.61
95% CONFIDENCE GAP	35.04 TO 37.10	SKEWNESS INDEX	-0.01

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	0	0.000	99.999
52	0	0.000	99.999
51	0	0.000	99.999
50	1	0.926	99.999
49	0	0.000	99.073
48	1	0.926	99.073
47	1	0.926	98.147
46	0	0.000	97.221
45	1	0.926	97.221
44	0	0.000	96.295
43	3	2.778	96.295
42	5	4.630	93.518
41	3	2.778	88.888
40	5	4.630	86.110
39	5	4.630	81.481
38	11	10.185	76.851
37	12	11.111	66.666
36	11	10.185	55.555
35	13	12.037	45.370
34	10	9.259	33.333
33	7	6.481	24.074
32	5	4.630	17.592
31	2	1.852	12.963
30	5	4.630	11.111
29	2	1.852	6.481
28	3	2.778	4.630
27	0	0.000	1.852
26	1	0.926	1.852
25	1	0.926	0.926
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



108 VEHICLES OBSERVED

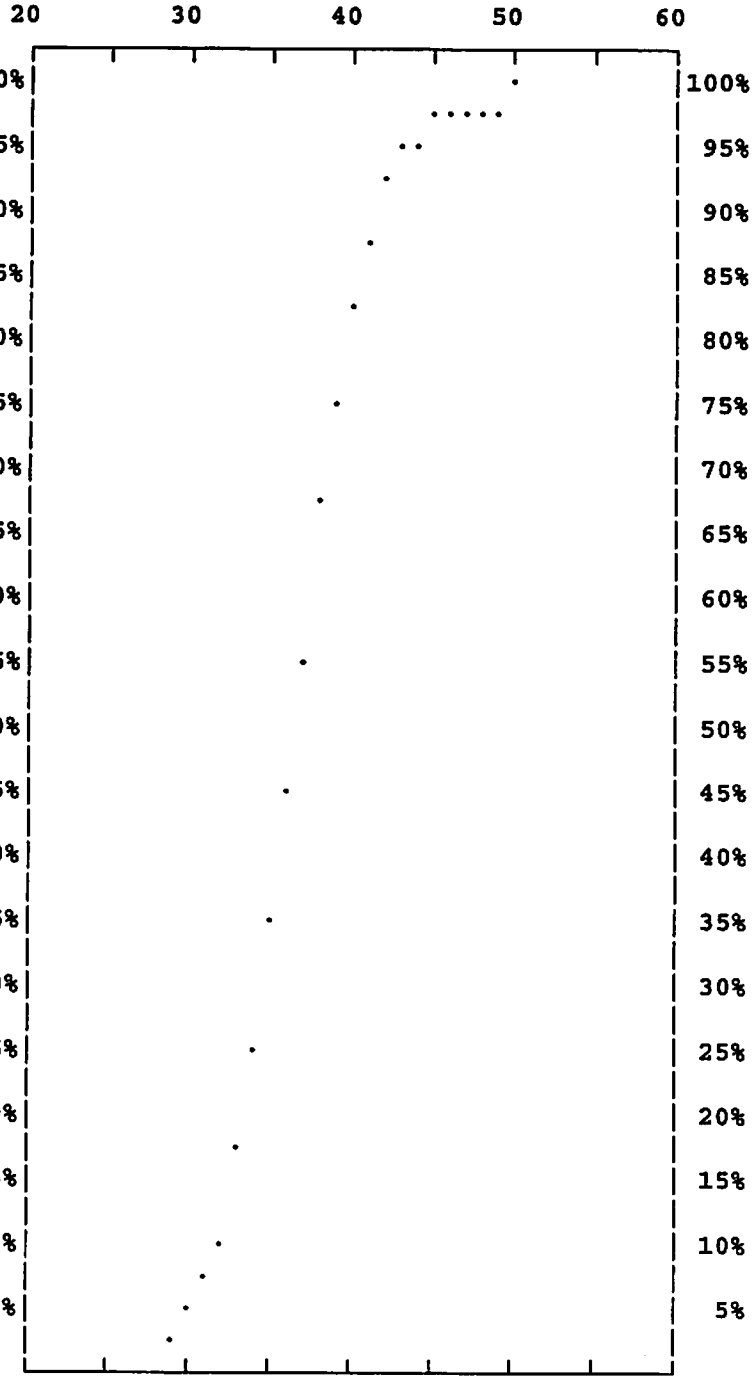
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	N NORMA DRUMMOND/LAS FLORES		
DIRECTION	TOTAL	15th PERCENTILE SPEED	32.46
DATE	10-14-08	50th PERCENTILE SPEED	36.41
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	40.35
TIME OF DAY	01:08PM - 01:43PM	95th PERCENTILE SPEED	42.90
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	25 TO 50
NUMBER OF LANES	4	10 MPH PACE SPEEDS	33 TO 42
DEVELOPMENT	RES/COMM	PERCENT IN PACE	80.48
WEATHER	CLEAR	CALCULATED MEAN	36.88
ROAD CONDITION	PAVED	STANDARD DEVIATION	4.79
95% CONFIDENCE GAP	36.25 TO 37.51	SKEWNESS INDEX	0.07

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	0	0.000	99.999
52	0	0.000	99.999
51	0	0.000	99.999
50	1	0.476	99.999
49	0	0.000	99.522
48	1	0.476	99.522
47	1	0.476	99.046
46	2	0.952	98.570
45	2	0.952	97.618
44	3	1.429	96.666
43	5	2.381	95.237
42	10	4.762	92.856
41	10	4.762	88.094
40	15	7.143	83.332
39	18	8.571	76.190
38	24	11.429	67.618
37	22	10.476	56.190
36	22	10.476	45.714
35	21	10.000	35.238
34	15	7.143	25.238
33	12	5.714	18.095
32	7	3.333	12.381
31	4	1.905	9.047
30	7	3.333	7.143
29	3	1.429	3.809
28	3	1.429	2.381
27	0	0.000	0.952
26	1	0.476	0.952
25	1	0.476	0.476
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



210 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION DRUMMOND CHINA LAKE/KNOX

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	32.22
DATE	10-16-08	50th PERCENTILE SPEED	36.67
DAY OF WEEK	Thursday	85th PERCENTILE SPEED	42.18
TIME OF DAY	10:20AM - 11:20AM	95th PERCENTILE SPEED	45.33
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	23 TO 49
NUMBER OF LANES	4	10 MPH PACE SPEEDS	33 TO 42
DEVELOPMENT	OPEN	PERCENT IN PACE	70.15
WEATHER	CLEAR	CALCULATED MEAN	37.42
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.87
95% CONFIDENCE GAP	36.45 TO 38.39	SKEWNESS INDEX	-0.07
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	134

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE EAST 35mph SPEED LIMIT ON THE WEST 35mph

RECOMMENDATIONS _____

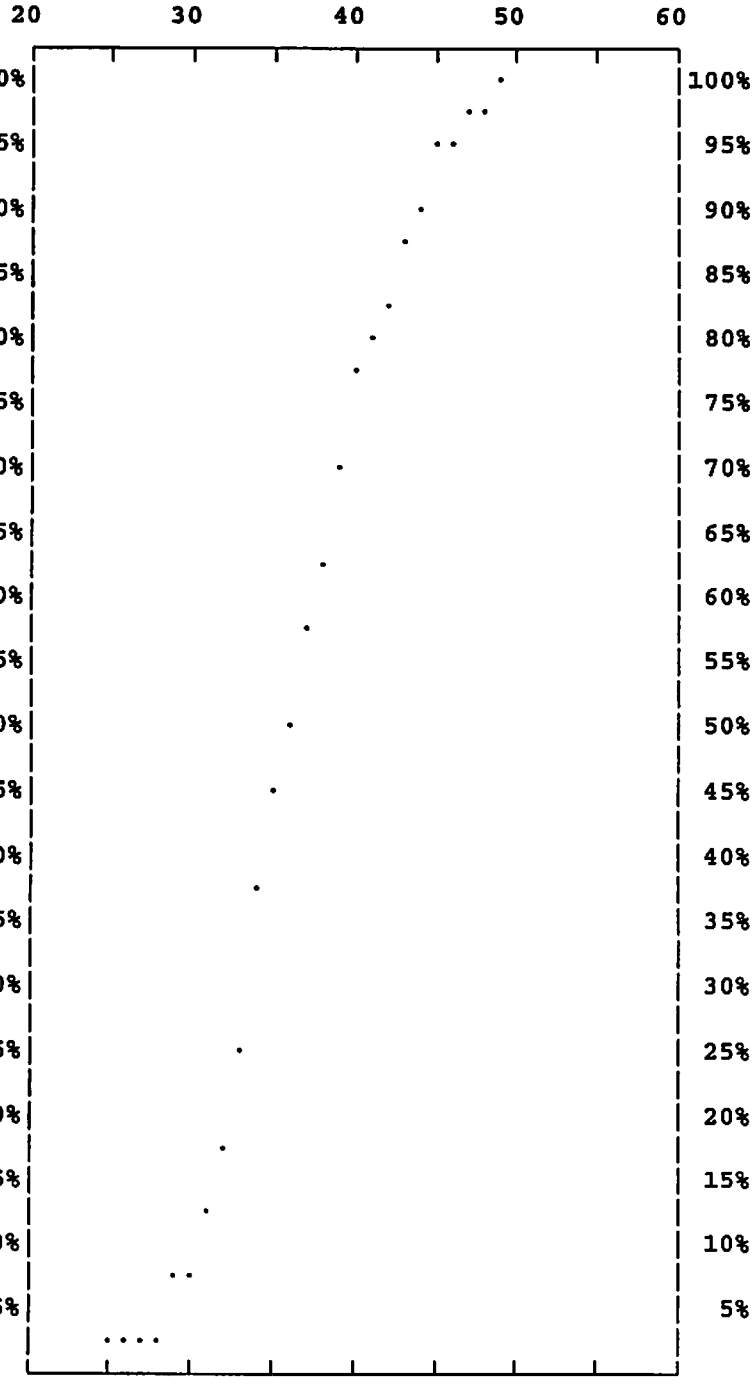
RECOMMENDED SPEED LIMIT 40mph BY RK DATE 11/19/08

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	DRUMMOND CHINA LAKE/KNOX		
DIRECTION	EASTBOUND	15th PERCENTILE SPEED	31.19
DATE	10-16-08	50th PERCENTILE SPEED	35.83
DAY OF WEEK	Thursday	85th PERCENTILE SPEED	42.08
TIME OF DAY	10:20AM - 11:20AM	95th PERCENTILE SPEED	44.92
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	23 TO 49
NUMBER OF LANES	4	10 MPH PACE SPEEDS	31 TO 40
DEVELOPMENT	OPEN	PERCENT IN PACE	69.23
WEATHER	CLEAR	CALCULATED MEAN	36.57
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.99
95% CONFIDENCE GAP	34.91 TO 38.23	SKEWNESS INDEX	-0.10

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %	
60	0	0.000	99.999	100%
59	0	0.000	99.999	
58	0	0.000	99.999	95%
57	0	0.000	99.999	
56	0	0.000	99.999	90%
55	0	0.000	99.999	
54	0	0.000	99.999	85%
53	0	0.000	99.999	
52	0	0.000	99.999	80%
51	0	0.000	99.999	
50	0	0.000	99.999	75%
49	1	1.538	99.999	
48	0	0.000	98.460	70%
47	1	1.538	98.460	
46	1	1.538	96.922	65%
45	3	4.615	95.384	
44	1	1.538	90.768	60%
43	3	4.615	89.230	
42	2	3.077	84.615	55%
41	2	3.077	81.538	
40	4	6.154	78.461	50%
39	5	7.692	72.307	
38	3	4.615	64.615	45%
37	6	9.231	59.999	
36	3	4.615	50.769	40%
35	4	6.154	46.153	
34	9	13.846	40.000	35%
33	4	6.154	26.153	
32	4	6.154	20.000	30%
31	3	4.615	13.846	
30	1	1.538	9.231	25%
29	2	3.077	7.692	
28	0	0.000	4.615	20%
27	1	1.538	4.615	
26	0	0.000	3.077	15%
25	1	1.538	3.077	
24	0	0.000	1.538	10%
23	1	1.538	1.538	
22	0	0.000	0.000	5%
21	0	0.000	0.000	



65 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

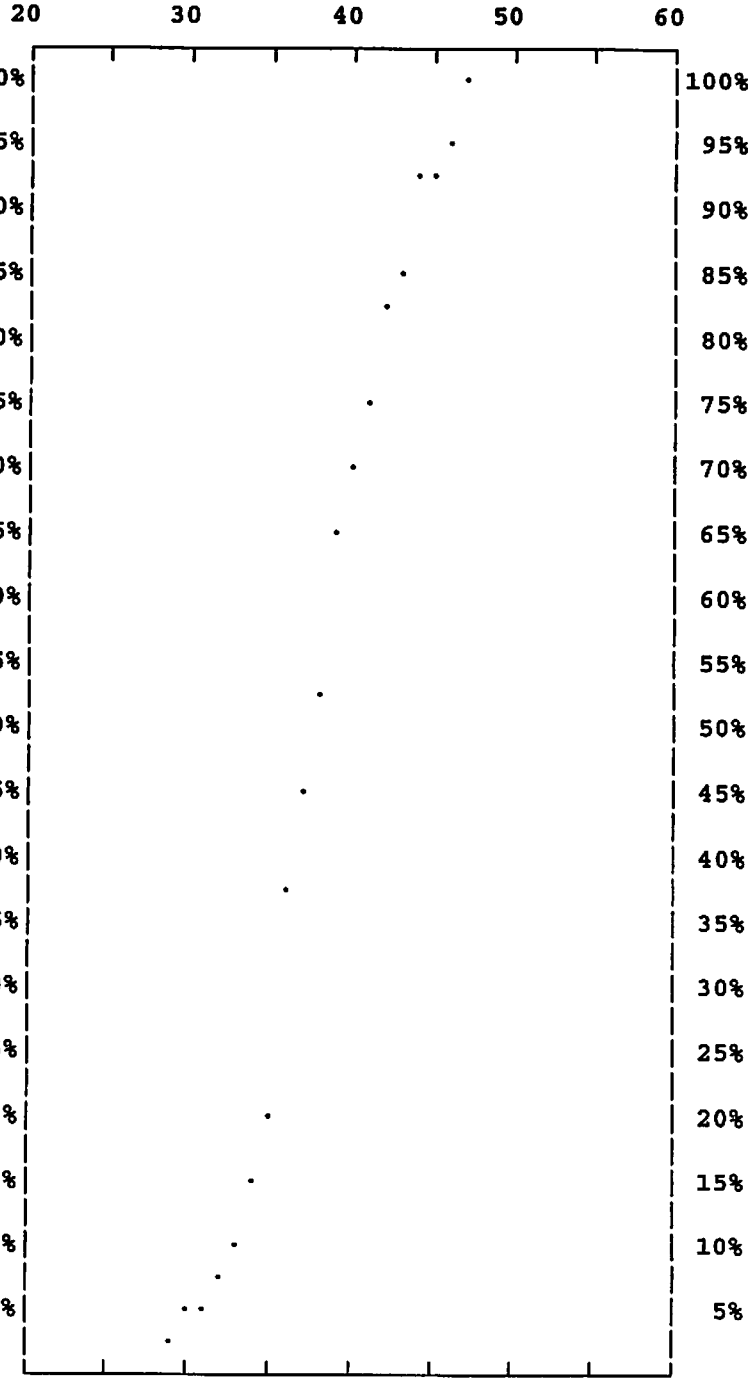
RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	DRUMMOND CHINA LAKE/KNOX		
DIRECTION	WESTBOUND	15th PERCENTILE SPEED	33.84
DATE	10-16-08	50th PERCENTILE SPEED	37.50
DAY OF WEEK	Thursday	85th PERCENTILE SPEED	42.33
TIME OF DAY	10:20AM - 11:20AM	95th PERCENTILE SPEED	45.52
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	26 TO 47
NUMBER OF LANES	4	10 MPH PACE SPEEDS	34 TO 43
DEVELOPMENT	OPEN	PERCENT IN PACE	76.81
WEATHER	CLEAR	CALCULATED MEAN	38.22
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.37
95% CONFIDENCE GAP	36.75 TO 39.68	SKEWNESS INDEX	-0.06

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	0	0.000	99.999
52	0	0.000	99.999
51	0	0.000	99.999
50	0	0.000	99.999
49	0	0.000	99.999
48	0	0.000	99.999
47	2	2.899	99.999
46	3	4.348	97.101
45	0	0.000	92.753
44	4	5.797	92.753
43	2	2.899	86.956
42	6	8.696	84.057
41	3	4.348	75.362
40	4	5.797	71.014
39	8	11.594	65.217
38	5	7.246	53.623
37	6	8.696	46.376
36	12	17.391	37.681
35	3	4.348	20.289
34	4	5.797	15.942
33	1	1.449	10.145
32	1	1.449	8.695
31	1	1.449	7.246
30	2	2.899	5.797
29	1	1.449	2.898
28	0	0.000	1.449
27	0	0.000	1.449
26	1	1.449	1.449
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000

69 VEHICLES OBSERVED



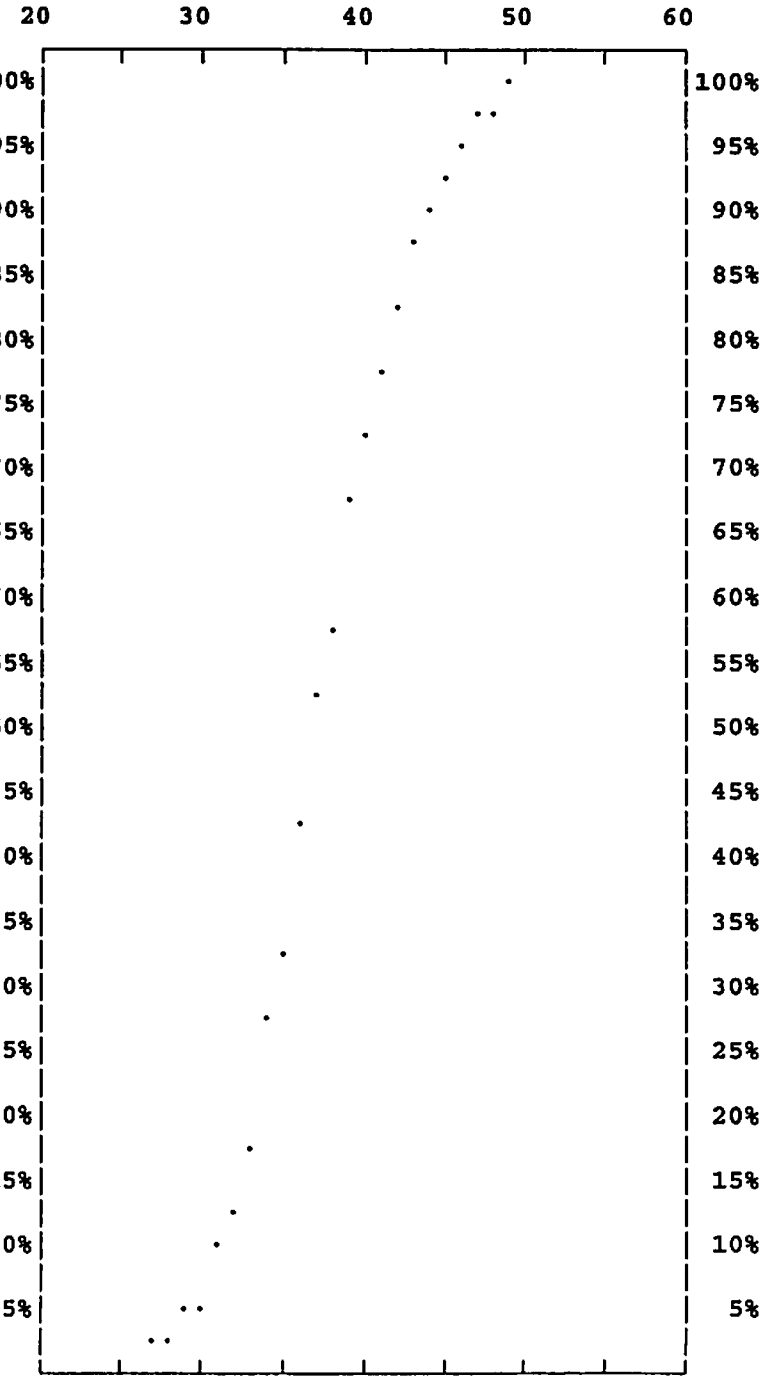
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	DRUMMOND CHINA LAKE/KNOX		
DIRECTION	TOTAL	15th PERCENTILE SPEED	32.22
DATE	10-16-08	50th PERCENTILE SPEED	36.67
DAY OF WEEK	Thursday	85th PERCENTILE SPEED	42.18
TIME OF DAY	10:20AM - 11:20AM	95th PERCENTILE SPEED	45.33
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	23 TO 49
NUMBER OF LANES	4	10 MPH PACE SPEEDS	33 TO 42
DEVELOPMENT	OPEN	PERCENT IN PACE	70.15
WEATHER	CLEAR	CALCULATED MEAN	37.42
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.87
95% CONFIDENCE GAP	36.45 TO 38.39	SKEWNESS INDEX	-0.07

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %	
60	0	0.000	99.999	100%
59	0	0.000	99.999	
58	0	0.000	99.999	95%
57	0	0.000	99.999	
56	0	0.000	99.999	90%
55	0	0.000	99.999	
54	0	0.000	99.999	85%
53	0	0.000	99.999	
52	0	0.000	99.999	80%
51	0	0.000	99.999	
50	0	0.000	99.999	75%
49	1	0.746	99.999	
48	0	0.000	99.253	70%
47	3	2.239	99.253	
46	4	2.985	97.014	65%
45	3	2.239	94.029	
44	5	3.731	91.790	60%
43	5	3.731	88.059	
42	8	5.970	84.327	55%
41	5	3.731	78.357	
40	8	5.970	74.626	50%
39	13	9.701	68.656	
38	8	5.970	58.955	45%
37	12	8.955	52.984	
36	15	11.194	44.029	40%
35	7	5.224	32.835	
34	13	9.701	27.611	35%
33	5	3.731	17.910	
32	5	3.731	14.179	30%
31	4	2.985	10.447	
30	3	2.239	7.462	25%
29	3	2.239	5.224	
28	0	0.000	2.985	20%
27	1	0.746	2.985	
26	1	0.746	2.239	15%
25	1	0.746	1.492	
24	0	0.000	0.746	10%
23	1	0.746	0.746	
22	0	0.000	0.000	5%
21	0	0.000	0.000	



134 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION LAS FLORES MAHAN/DOWNS

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	30.68
DATE	10-14-08	50th PERCENTILE SPEED	35.00
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	38.37
TIME OF DAY	10:34AM - 11:34AM	95th PERCENTILE SPEED	41.07
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	24 TO 44
NUMBER OF LANES	4	10 MPH PACE SPEEDS	30 TO 39
DEVELOPMENT	RESIDENTIAL	PERCENT IN PACE	80.21
WEATHER	CLEAR	CALCULATED MEAN	35.02
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.35
95% CONFIDENCE GAP	33.98 TO 36.06	SKEWNESS INDEX	0.13
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	96

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE EAST 35mph SPEED LIMIT ON THE WEST 35mph

RECOMMENDATIONS _____

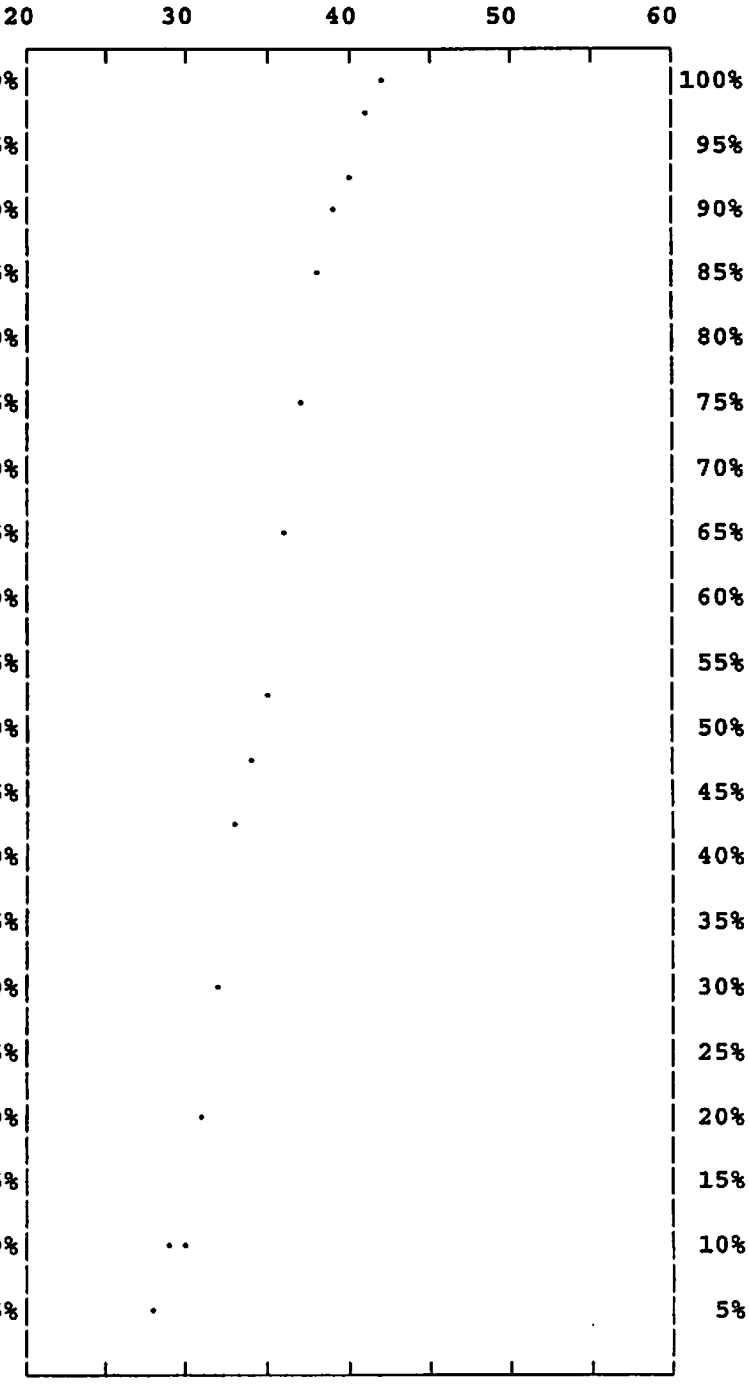
RECOMMENDED SPEED LIMIT 40mph BY RK DATE 11/19/08

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	LAS FLORES MAHAN/DOWNS		
DIRECTION	EASTBOUND	15th PERCENTILE SPEED	30.30
DATE	10-14-08	50th PERCENTILE SPEED	34.00
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	37.95
TIME OF DAY	10:34AM - 11:34AM	95th PERCENTILE SPEED	40.30
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	27 TO 42
NUMBER OF LANES	4	10 MPH PACE SPEEDS	30 TO 39
DEVELOPMENT	RESIDENTIAL	PERCENT IN PACE	81.25
WEATHER	CLEAR	CALCULATED MEAN	34.56
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.25
95% CONFIDENCE GAP	32.84 TO 36.29	SKEWNESS INDEX	0.02

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	0	0.000	99.999
52	0	0.000	99.999
51	0	0.000	99.999
50	0	0.000	99.999
49	0	0.000	99.999
48	0	0.000	99.999
47	0	0.000	99.999
46	0	0.000	99.999
45	0	0.000	99.999
44	0	0.000	99.999
43	0	0.000	99.999
42	1	2.083	99.999
41	2	4.167	97.916
40	1	2.083	93.750
39	3	6.250	91.666
38	4	8.333	85.416
37	5	10.417	77.083
36	6	12.500	66.666
35	2	4.167	54.166
34	3	6.250	50.000
33	6	12.500	43.750
32	5	10.417	31.250
31	4	8.333	20.833
30	1	2.083	12.500
29	2	4.167	10.417
28	2	4.167	6.250
27	1	2.083	2.083
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



48 VEHICLES OBSERVED

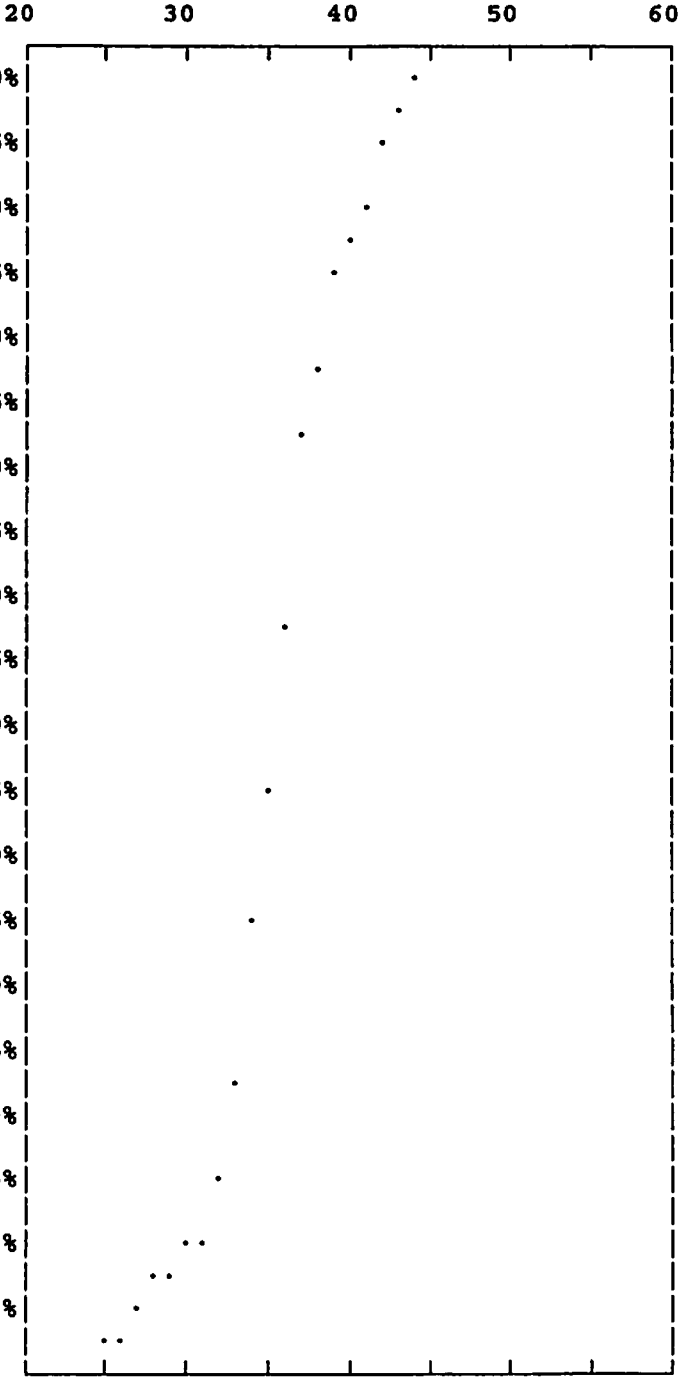
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	LAS FLORES MAHAN/DOWNS		
DIRECTION	WESTBOUND	15th PERCENTILE SPEED	31.60
DATE	10-14-08	50th PERCENTILE SPEED	35.33
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	38.70
TIME OF DAY	10:34AM - 11:34AM	95th PERCENTILE SPEED	41.80
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	24 TO 44
NUMBER OF LANES	4	10 MPH PACE SPEEDS	30 TO 39
DEVELOPMENT	RESIDENTIAL	PERCENT IN PACE	79.17
WEATHER	CLEAR	CALCULATED MEAN	35.48
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.67
95% CONFIDENCE GAP	33.64 TO 37.32	SKEWNESS INDEX	0.14

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %	
60	0	0.000	99.999	100%
59	0	0.000	99.999	
58	0	0.000	99.999	95%
57	0	0.000	99.999	
56	0	0.000	99.999	90%
55	0	0.000	99.999	
54	0	0.000	99.999	85%
53	0	0.000	99.999	
52	0	0.000	99.999	80%
51	0	0.000	99.999	
50	0	0.000	99.999	75%
49	0	0.000	99.999	
48	0	0.000	99.999	70%
47	0	0.000	99.999	
46	0	0.000	99.999	65%
45	0	0.000	99.999	
44	1	2.083	99.999	60%
43	1	2.083	97.916	
42	2	4.167	95.833	55%
41	1	2.083	91.666	
40	1	2.083	89.583	50%
39	4	8.333	87.500	
38	3	6.250	79.166	45%
37	7	14.583	72.916	
36	6	12.500	58.333	40%
35	4	8.333	45.833	
34	7	14.583	37.500	35%
33	3	6.250	22.916	
32	2	4.167	16.666	30%
31	1	2.083	12.500	
30	1	2.083	10.417	25%
29	0	0.000	8.333	
28	1	2.083	8.333	20%
27	1	2.083	6.250	
26	0	0.000	4.167	15%
25	1	2.083	4.167	
24	1	2.083	2.083	10%
23	0	0.000	0.000	
22	0	0.000	0.000	5%
21	0	0.000	0.000	



48 VEHICLES OBSERVED

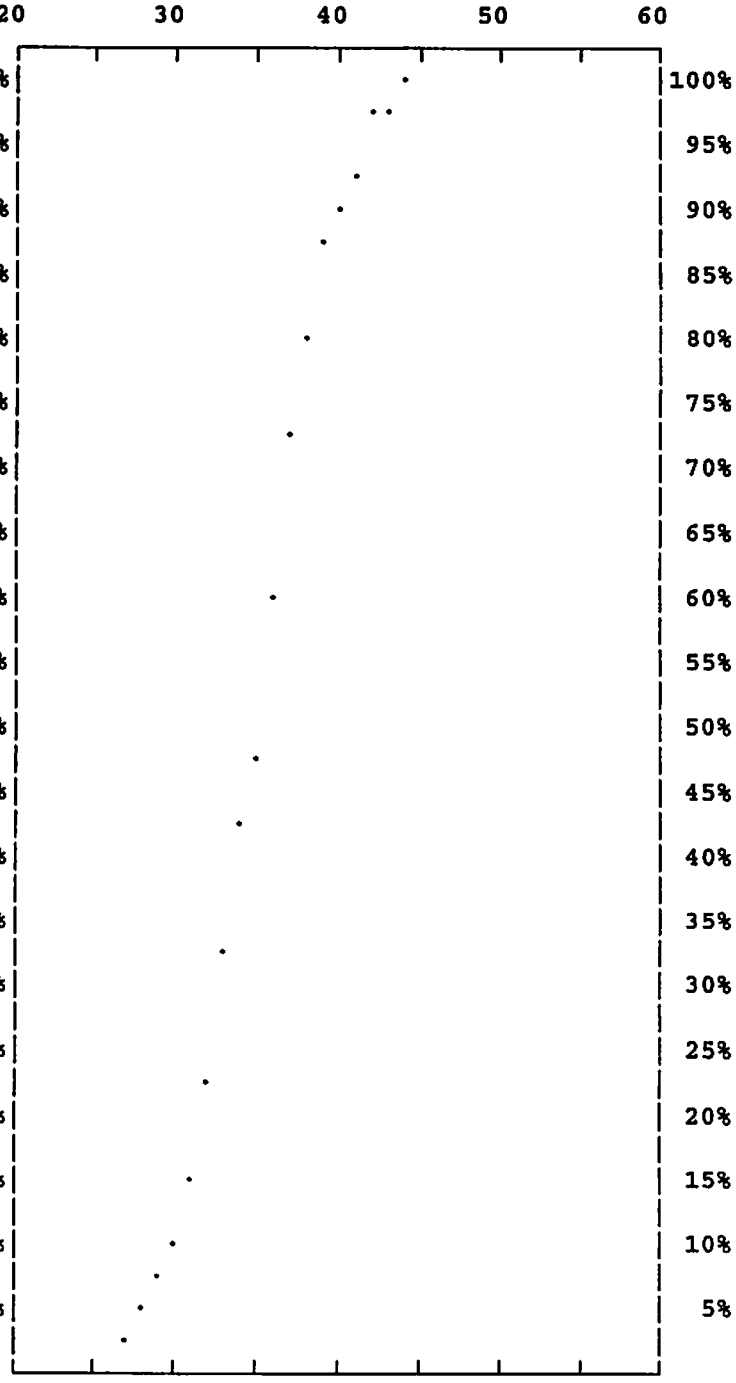
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	LAS FLORES MAHAN/DOWNS		
DIRECTION	TOTAL	15th PERCENTILE SPEED	30.68
DATE	10-14-08	50th PERCENTILE SPEED	35.00
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	38.37
TIME OF DAY	10:34AM - 11:34AM	95th PERCENTILE SPEED	41.07
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	24 TO 44
NUMBER OF LANES	4	10 MPH PACE SPEEDS	30 TO 39
DEVELOPMENT	RESIDENTIAL	PERCENT IN PACE	80.21
WEATHER	CLEAR	CALCULATED MEAN	35.02
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.35
95% CONFIDENCE GAP	33.98 TO 36.06	SKEWNESS INDEX	0.13

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %	
60	0	0.000	99.999	100%
59	0	0.000	99.999	
58	0	0.000	99.999	95%
57	0	0.000	99.999	
56	0	0.000	99.999	90%
55	0	0.000	99.999	
54	0	0.000	99.999	85%
53	0	0.000	99.999	
52	0	0.000	99.999	80%
51	0	0.000	99.999	
50	0	0.000	99.999	75%
49	0	0.000	99.999	
48	0	0.000	99.999	70%
47	0	0.000	99.999	
46	0	0.000	99.999	65%
45	0	0.000	99.999	
44	1	1.042	99.999	60%
43	1	1.042	98.958	
42	3	3.125	97.916	55%
41	3	3.125	94.791	
40	2	2.083	91.666	50%
39	7	7.292	89.583	
38	7	7.292	82.291	45%
37	12	12.500	75.000	
36	12	12.500	62.500	40%
35	6	6.250	50.000	
34	10	10.417	43.750	35%
33	9	9.375	33.333	
32	7	7.292	23.958	30%
31	5	5.208	16.666	
30	2	2.083	11.458	25%
29	2	2.083	9.375	
28	3	3.125	7.292	20%
27	2	2.083	4.167	
26	0	0.000	2.083	15%
25	1	1.042	2.083	
24	1	1.042	1.042	10%
23	0	0.000	0.000	
22	0	0.000	0.000	5%
21	0	0.000	0.000	



96 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION LAS FLORES DOWNS/NORMA

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	26.62
DATE	10-14-08	50th PERCENTILE SPEED	30.84
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	35.89
TIME OF DAY	11:36AM - 12:22PM	95th PERCENTILE SPEED	41.08
POSTED SPEED LIMIT	25	RANGE OF SPEEDS	21 TO 46
NUMBER OF LANES	4	10 MPH PACE SPEEDS	27 TO 36
DEVELOPMENT	RES/SCHOOL	PERCENT IN PACE	74.30
WEATHER	CLEAR	CALCULATED MEAN	31.83
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.35
95% CONFIDENCE GAP	31.13 TO 32.53	SKEWNESS INDEX	-0.22
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	214

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE EAST 25mph SPEED LIMIT ON THE WEST 25 mph

RECOMMENDATIONS _____

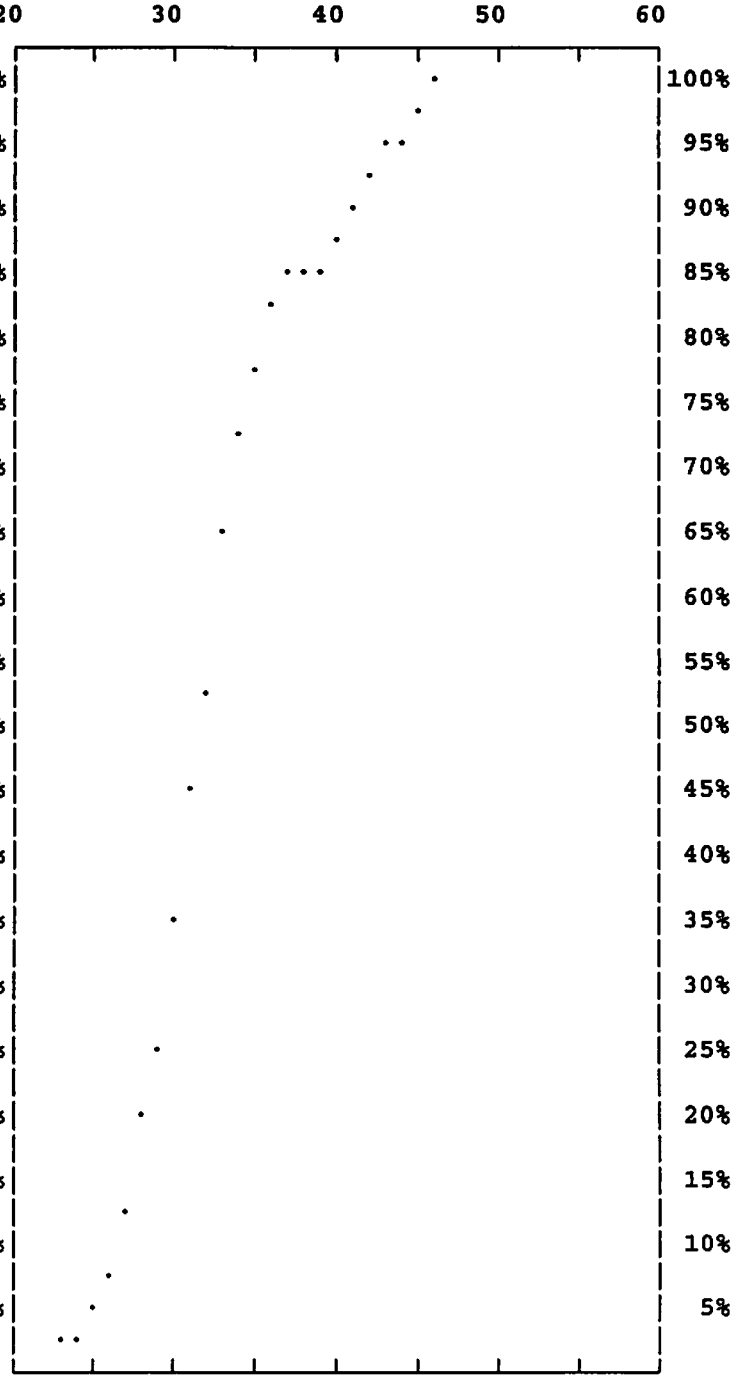
RECOMMENDED SPEED LIMIT 35mph BY RK DATE 11/19/08

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	LAS FLORES DOWNS/NORMA		
DIRECTION	EASTBOUND	15th PERCENTILE SPEED	27.20
DATE	10-14-08	50th PERCENTILE SPEED	31.50
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	36.70
TIME OF DAY	11:36AM - 12:22PM	95th PERCENTILE SPEED	42.80
POSTED SPEED LIMIT	25	RANGE OF SPEEDS	22 TO 46
NUMBER OF LANES	4	10 MPH PACE SPEEDS	27 TO 36
DEVELOPMENT	RES/SCHOOL	PERCENT IN PACE	74.04
WEATHER	CLEAR	CALCULATED MEAN	32.51
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.11
95% CONFIDENCE GAP	31.37 TO 33.65	SKEWNESS INDEX	-0.22

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %	
60	0	0.000	99.999	100%
59	0	0.000	99.999	
58	0	0.000	99.999	95%
57	0	0.000	99.999	
56	0	0.000	99.999	90%
55	0	0.000	99.999	
54	0	0.000	99.999	85%
53	0	0.000	99.999	
52	0	0.000	99.999	80%
51	0	0.000	99.999	
50	0	0.000	99.999	75%
49	0	0.000	99.999	
48	0	0.000	99.999	70%
47	0	0.000	99.999	
46	2	1.923	99.999	65%
45	1	0.962	98.076	
44	2	1.923	97.114	60%
43	1	0.962	95.191	
42	3	2.885	94.230	55%
41	2	1.923	91.345	
40	2	1.923	89.422	50%
39	1	0.962	87.499	
38	1	0.962	86.538	45%
37	2	1.923	85.576	
36	5	4.808	83.653	40%
35	6	5.769	78.846	
34	8	7.692	73.076	35%
33	11	10.577	65.384	
32	10	9.615	54.807	30%
31	10	9.615	45.192	
30	9	8.654	35.577	25%
29	6	5.769	26.923	
28	8	7.692	21.154	20%
27	4	3.846	13.461	
26	3	2.885	9.615	15%
25	2	1.923	6.731	
24	1	0.962	4.808	10%
23	3	2.885	3.846	
22	1	0.962	0.962	5%
21	0	0.000	0.000	



104 VEHICLES OBSERVED

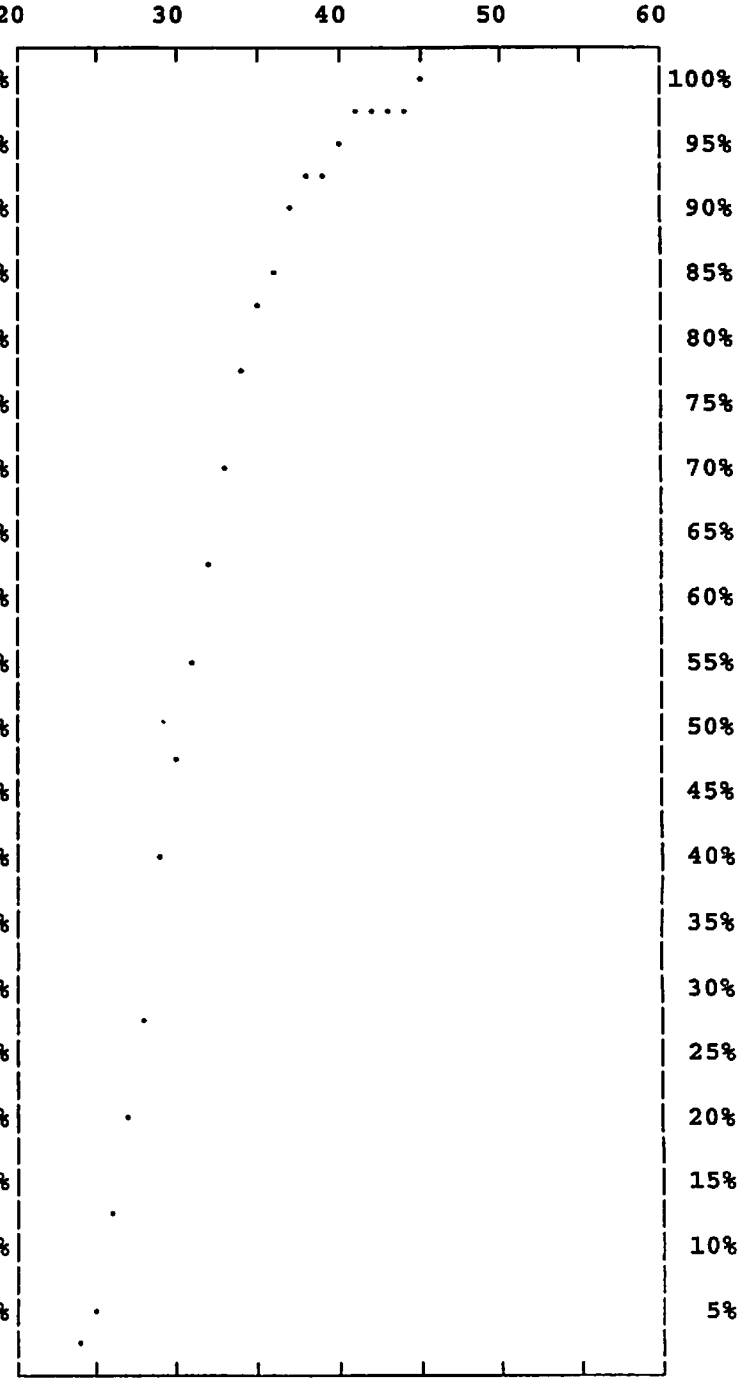
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	LAS FLORES DOWNS/NORMA		
DIRECTION	WESTBOUND	15th PERCENTILE SPEED	26.28
DATE	10-14-08	50th PERCENTILE SPEED	30.11
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	35.50
TIME OF DAY	11:36AM - 12:22PM	95th PERCENTILE SPEED	39.25
POSTED SPEED LIMIT	25	RANGE OF SPEEDS	21 TO 45
NUMBER OF LANES	4	10 MPH PACE SPEEDS	26 TO 35
DEVELOPMENT	RES/SCHOOL	PERCENT IN PACE	75.45
WEATHER	CLEAR	CALCULATED MEAN	31.19
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.40
95% CONFIDENCE GAP	30.21 TO 32.17	SKEWNESS INDEX	-0.19

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %	
60	0	0.000	99.999	100%
59	0	0.000	99.999	
58	0	0.000	99.999	95%
57	0	0.000	99.999	
56	0	0.000	99.999	90%
55	0	0.000	99.999	
54	0	0.000	99.999	85%
53	0	0.000	99.999	
52	0	0.000	99.999	80%
51	0	0.000	99.999	
50	0	0.000	99.999	75%
49	0	0.000	99.999	
48	0	0.000	99.999	70%
47	0	0.000	99.999	
46	0	0.000	99.999	65%
45	1	0.909	99.999	
44	0	0.000	99.090	60%
43	0	0.000	99.090	
42	1	0.909	99.090	55%
41	2	1.818	98.181	
40	2	1.818	96.363	50%
39	1	0.909	94.545	
38	3	2.727	93.636	45%
37	4	3.636	90.908	
36	5	4.545	87.272	40%
35	5	4.545	82.727	
34	8	7.273	78.181	35%
33	7	6.364	70.909	
32	8	7.273	64.545	30%
31	9	8.182	57.272	
30	9	8.182	49.090	25%
29	12	10.909	40.909	
28	10	9.091	30.000	20%
27	9	8.182	20.909	
26	6	5.455	12.727	15%
25	3	2.727	7.272	
24	3	2.727	4.545	10%
23	1	0.909	1.818	
22	0	0.000	0.909	5%
21	1	0.909	0.909	



110 VEHICLES OBSERVED

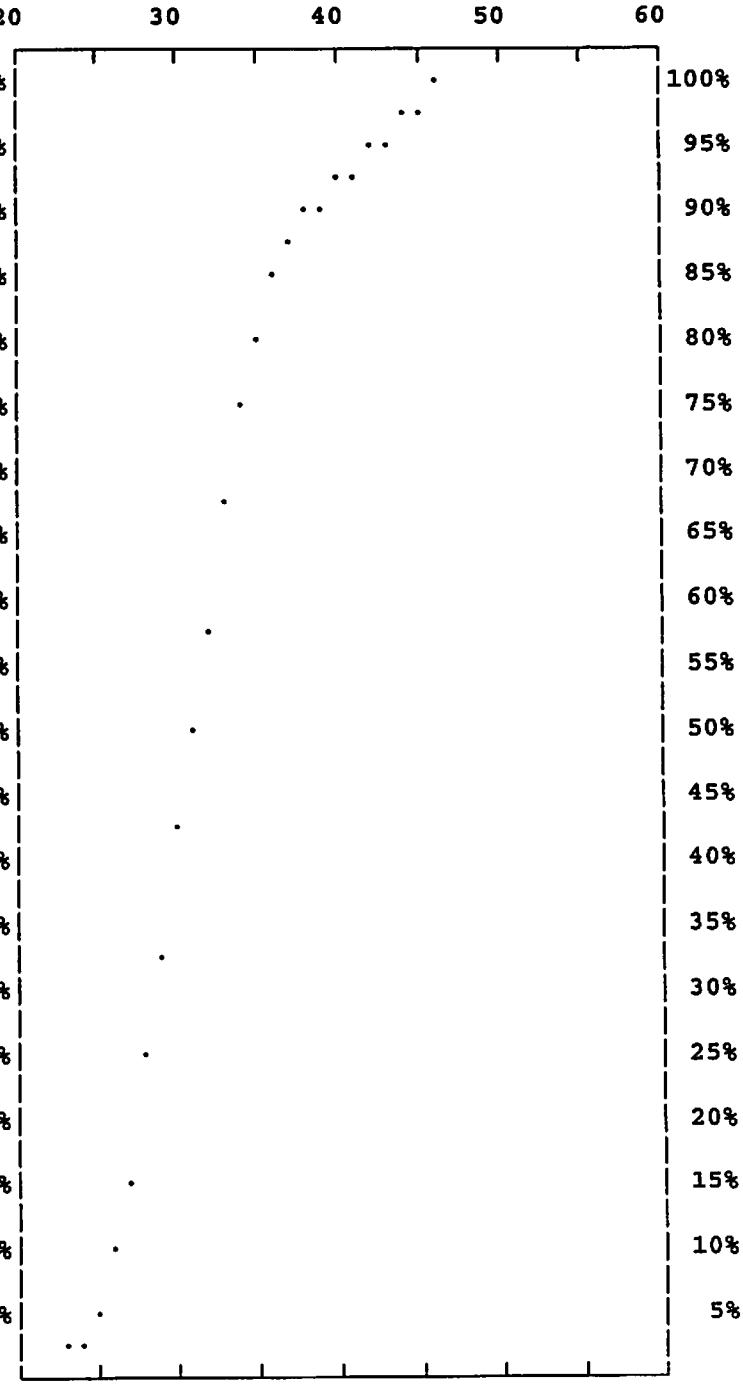
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	LAS FLORES DOWNS/NORMA		
DIRECTION	TOTAL	15th PERCENTILE SPEED	26.62
DATE	10-14-08	50th PERCENTILE SPEED	30.84
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	35.89
TIME OF DAY	11:36AM - 12:22PM	95th PERCENTILE SPEED	41.08
POSTED SPEED LIMIT	25	RANGE OF SPEEDS	21 TO 46
NUMBER OF LANES	4	10 MPH PACE SPEEDS	27 TO 36
DEVELOPMENT	RES/SCHOOL	PERCENT IN PACE	74.30
WEATHER	CLEAR	CALCULATED MEAN	31.83
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.35
95% CONFIDENCE GAP	31.13 TO 32.53	SKEWNESS INDEX	-0.22

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	0	0.000	99.999
52	0	0.000	99.999
51	0	0.000	99.999
50	0	0.000	99.999
49	0	0.000	99.999
48	0	0.000	99.999
47	0	0.000	99.999
46	2	0.935	99.999
45	2	0.935	99.064
44	2	0.935	98.130
43	1	0.467	97.195
42	4	1.869	96.728
41	4	1.869	94.859
40	4	1.869	92.990
39	2	0.935	91.121
38	4	1.869	90.186
37	6	2.804	88.317
36	10	4.673	85.513
35	11	5.140	80.841
34	16	7.477	75.700
33	18	8.411	68.224
32	18	8.411	59.813
31	19	8.879	51.401
30	18	8.411	42.523
29	18	8.411	34.112
28	18	8.411	25.701
27	13	6.075	17.289
26	9	4.206	11.215
25	5	2.336	7.009
24	4	1.869	4.673
23	4	1.869	2.804
22	1	0.467	0.934
21	1	0.467	0.467



214 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION LAS FLORES NORMA/CHINA LAKE

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	32.78
DATE	10-14-08	50th PERCENTILE SPEED	37.53
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	43.40
TIME OF DAY	12:24PM - 12:50PM	95th PERCENTILE SPEED	45.93
POSTED SPEED LIMIT	40	RANGE OF SPEEDS	25 TO 50
NUMBER OF LANES	4	10 MPH PACE SPEEDS	33 TO 42
DEVELOPMENT	OPEN/RES	PERCENT IN PACE	67.15
WEATHER	CLEAR	CALCULATED MEAN	38.29
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.68
95% CONFIDENCE GAP	37.53 TO 39.04	SKEWNESS INDEX	-0.05
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	207

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE EAST <40mph SPEED LIMIT ON THE WEST <40mph

RECOMMENDATIONS It is recommended to maintain the existing speed limit.

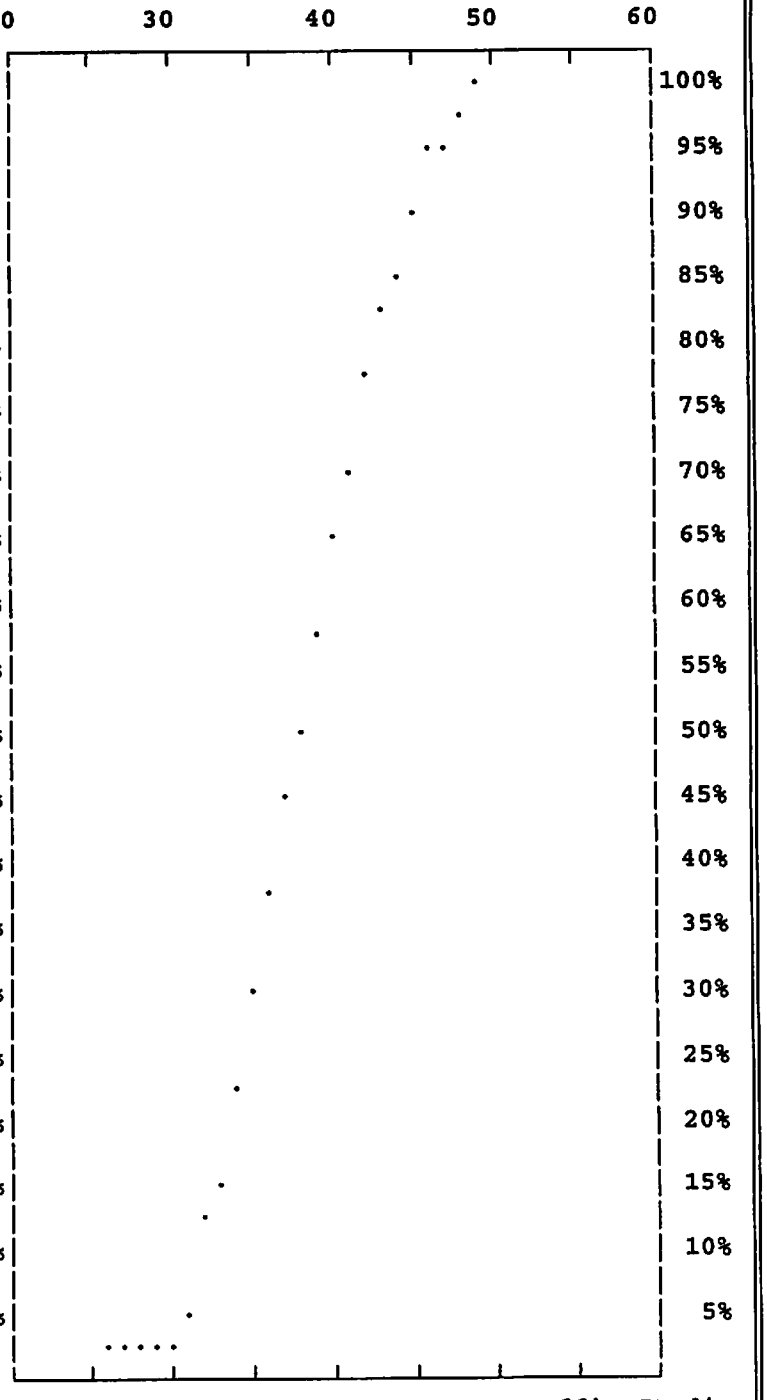
RECOMMENDED SPEED LIMIT <40mph BY RK DATE 11/19/08

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	LAS FLORES NORMA/CHINA LAKE		
DIRECTION	EASTBOUND	15th PERCENTILE SPEED	32.49
DATE	10-14-08	50th PERCENTILE SPEED	37.64
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	43.51
TIME OF DAY	12:24PM - 12:50PM	95th PERCENTILE SPEED	45.71
POSTED SPEED LIMIT	40	RANGE OF SPEEDS	25 TO 49
NUMBER OF LANES	4	10 MPH PACE SPEEDS	33 TO 42
DEVELOPMENT	OPEN/RES	PERCENT IN PACE	66.02
WEATHER	CLEAR	CALCULATED MEAN	38.25
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.40
95% CONFIDENCE GAP	37.05 TO 39.46	SKEWNESS INDEX	-0.07

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %	
60	0	0.000	99.999	100%
59	0	0.000	99.999	
58	0	0.000	99.999	95%
57	0	0.000	99.999	
56	0	0.000	99.999	90%
55	0	0.000	99.999	
54	0	0.000	99.999	85%
53	0	0.000	99.999	
52	0	0.000	99.999	80%
51	0	0.000	99.999	
50	0	0.000	99.999	75%
49	2	1.942	99.999	
48	2	1.942	98.057	70%
47	0	0.000	96.116	
46	4	3.883	96.116	65%
45	5	4.854	92.232	
44	5	4.854	87.378	60%
43	4	3.883	82.524	
42	7	6.796	78.640	55%
41	7	6.796	71.844	
40	7	6.796	65.048	50%
39	6	5.825	58.252	
38	7	6.796	52.427	45%
37	8	7.767	45.631	
36	6	5.825	37.864	40%
35	8	7.767	32.038	
34	7	6.796	24.272	35%
33	5	4.854	17.475	
32	6	5.825	12.621	30%
31	3	2.913	6.796	
30	0	0.000	3.883	25%
29	0	0.000	3.883	
28	1	0.971	3.883	20%
27	0	0.000	2.913	
26	1	0.971	2.913	15%
25	2	1.942	1.942	
24	0	0.000	0.000	10%
23	0	0.000	0.000	
22	0	0.000	0.000	5%
21	0	0.000	0.000	



103 VEHICLES OBSERVED

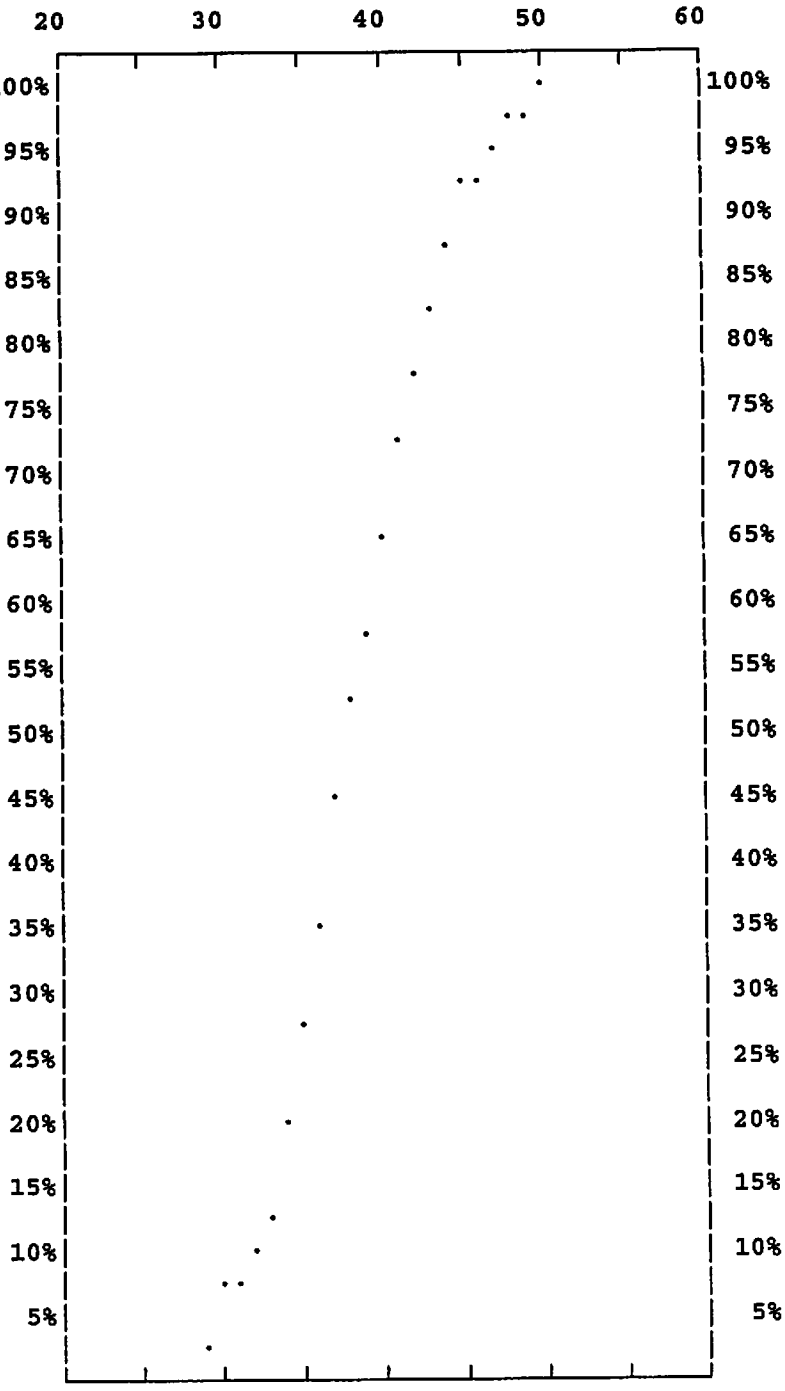
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	LAS FLORES NORMA/CHINA LAKE		
DIRECTION	WESTBOUND	15th PERCENTILE SPEED	33.10
DATE	10-14-08	50th PERCENTILE SPEED	37.44
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	43.28
TIME OF DAY	12:24PM - 12:50PM	95th PERCENTILE SPEED	46.27
POSTED SPEED LIMIT	40	RANGE OF SPEEDS	27 TO 50
NUMBER OF LANES	4	10 MPH PACE SPEEDS	34 TO 43
DEVELOPMENT	OPEN/RES	PERCENT IN PACE	69.23
WEATHER	CLEAR	CALCULATED MEAN	38.32
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.19
95% CONFIDENCE GAP	37.16 TO 39.48	SKEWNESS INDEX	0.01

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	0	0.000	99.999
52	0	0.000	99.999
51	0	0.000	99.999
50	1	0.962	99.999
49	0	0.000	99.037
48	2	1.923	99.037
47	3	2.885	97.114
46	1	0.962	94.230
45	5	4.808	93.268
44	5	4.808	88.461
43	5	4.808	83.653
42	6	5.769	78.845
41	7	6.731	73.076
40	7	6.731	66.346
39	5	4.808	59.615
38	9	8.654	54.807
37	9	8.654	46.153
36	10	9.615	37.500
35	8	7.692	27.884
34	6	5.769	20.192
33	4	3.846	14.423
32	2	1.923	10.577
31	1	0.962	8.654
30	3	2.885	7.692
29	3	2.885	4.808
28	1	0.962	1.923
27	1	0.962	0.962
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



104 VEHICLES OBSERVED

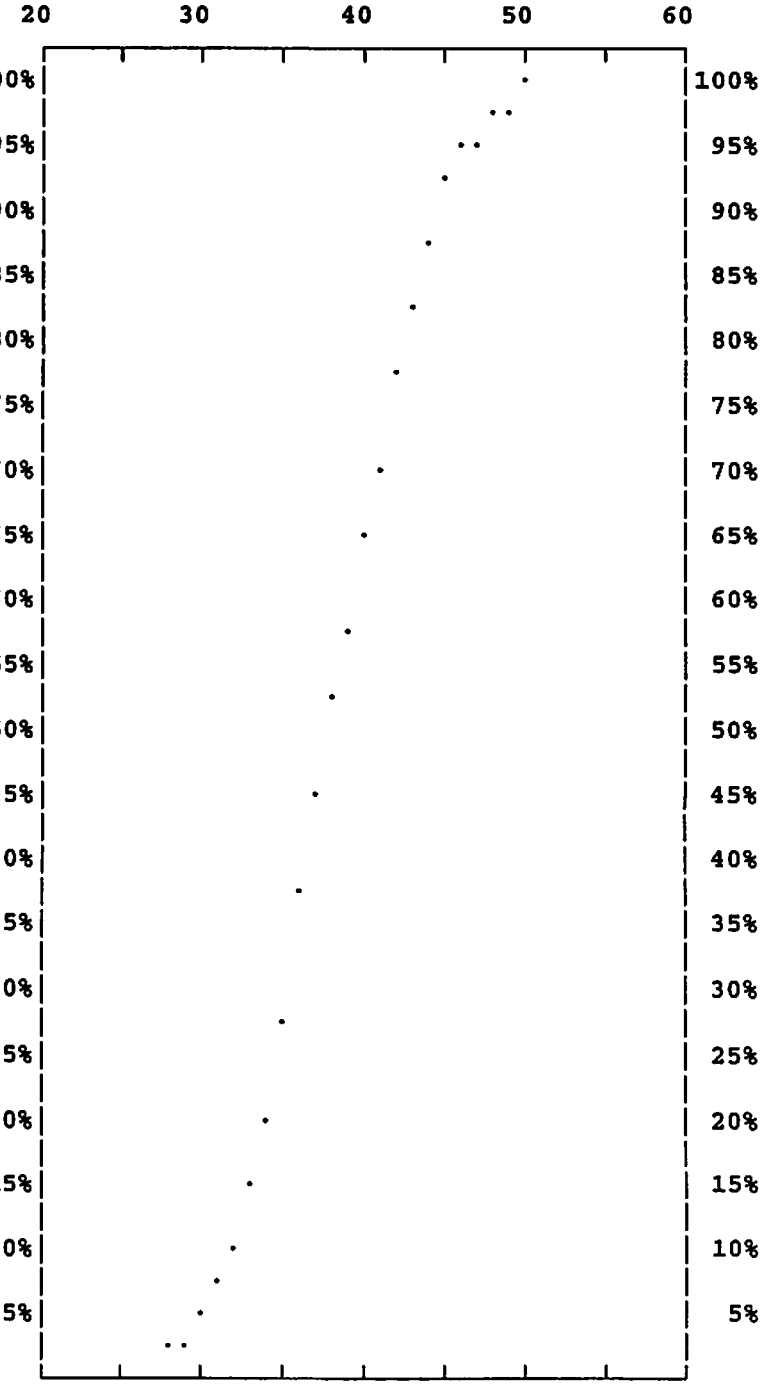
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	LAS FLORES NORMA/CHINA LAKE		
DIRECTION	TOTAL	15th PERCENTILE SPEED	32.78
DATE	10-14-08	50th PERCENTILE SPEED	37.53
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	43.40
TIME OF DAY	12:24PM - 12:50PM	95th PERCENTILE SPEED	45.93
POSTED SPEED LIMIT	40	RANGE OF SPEEDS	25 TO 50
NUMBER OF LANES	4	10 MPH PACE SPEEDS	33 TO 42
DEVELOPMENT	OPEN/RES	PERCENT IN PACE	67.15
WEATHER	CLEAR	CALCULATED MEAN	38.29
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.68
95% CONFIDENCE GAP	37.53 TO 39.04	SKEWNESS INDEX	-0.05

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %	
60	0	0.000	99.998	100%
59	0	0.000	99.998	
58	0	0.000	99.998	95%
57	0	0.000	99.998	
56	0	0.000	99.998	90%
55	0	0.000	99.998	
54	0	0.000	99.998	85%
53	0	0.000	99.998	
52	0	0.000	99.998	80%
51	0	0.000	99.998	
50	1	0.483	99.998	75%
49	2	0.966	99.515	
48	4	1.932	98.549	70%
47	3	1.449	96.617	
46	5	2.415	95.168	65%
45	10	4.831	92.752	
44	10	4.831	87.921	60%
43	9	4.348	83.091	
42	13	6.280	78.743	55%
41	14	6.763	72.463	
40	14	6.763	65.699	50%
39	11	5.314	58.936	
38	16	7.729	53.622	45%
37	17	8.213	45.893	
36	16	7.729	37.680	40%
35	16	7.729	29.951	
34	13	6.280	22.222	35%
33	9	4.348	15.941	
32	8	3.865	11.594	30%
31	4	1.932	7.729	
30	3	1.449	5.797	25%
29	3	1.449	4.347	
28	2	0.966	2.898	20%
27	1	0.483	1.932	
26	1	0.483	1.449	15%
25	2	0.966	0.966	
24	0	0.000	0.000	10%
23	0	0.000	0.000	
22	0	0.000	0.000	5%
21	0	0.000	0.000	



207 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION FRENCH LAS FLORES/DRUMMOND

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	34.92
DATE	10-15-08	50th PERCENTILE SPEED	39.83
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	44.63
TIME OF DAY	04:06PM - 05:06PM	95th PERCENTILE SPEED	48.75
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	28 TO 58
NUMBER OF LANES	4	10 MPH PACE SPEEDS	34 TO 43
DEVELOPMENT	OPEN/PARK	PERCENT IN PACE	72.31
WEATHER	CLEAR	CALCULATED MEAN	40.30
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.08
95% CONFIDENCE GAP	39.28 TO 41.32	SKEWNESS INDEX	-0.06
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	130

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE EAST 35mph SPEED LIMIT ON THE WEST 35mph

RECOMMENDATIONS Due to its proximity to KERN Regional Park and a proposed speed limit of 40mph to the west of this segment, it is recommended to maintain 40mph on this segment.

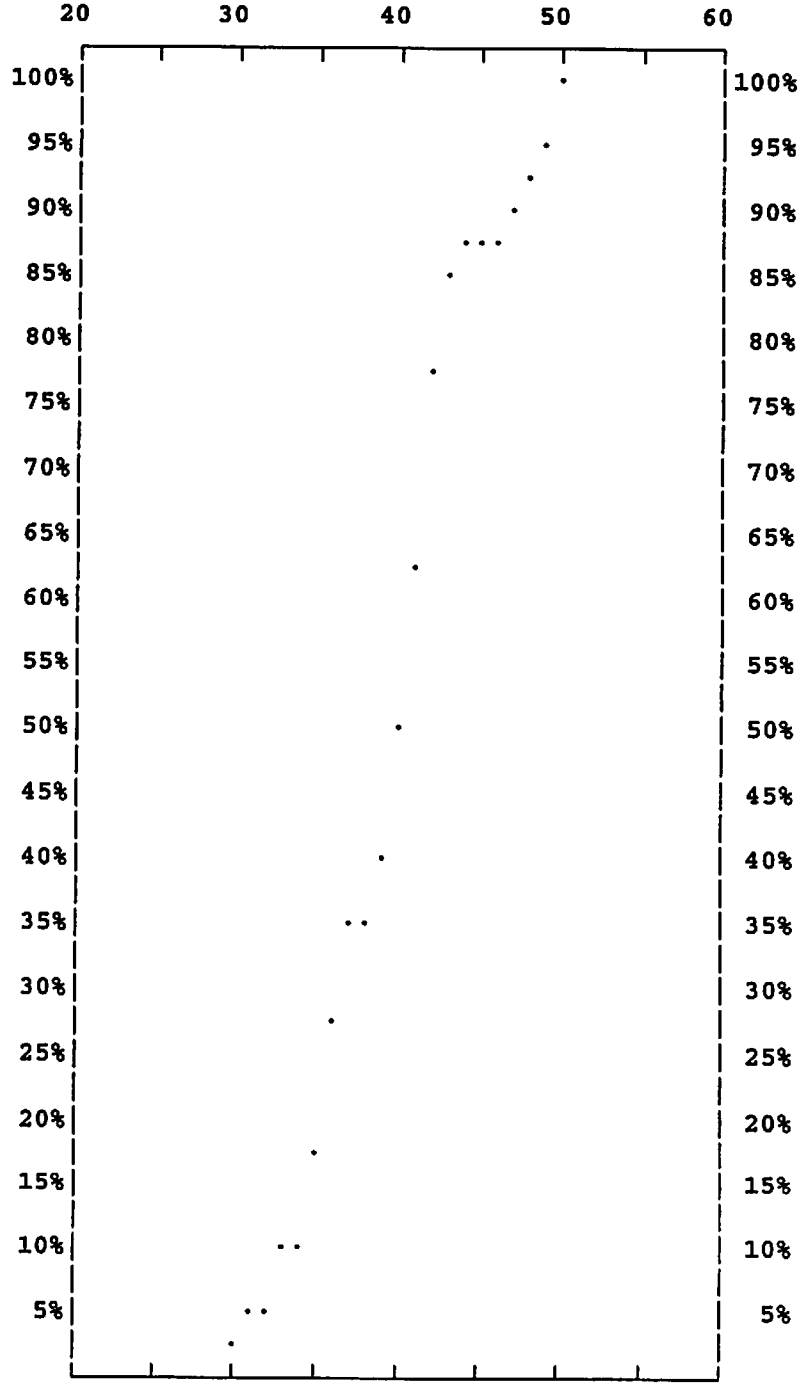
RECOMMENDED SPEED LIMIT 40mph BY RK DATE 11/19/08

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	FRENCH LAS FLORES/DRUMMOND		
DIRECTION	EASTBOUND	15th PERCENTILE SPEED	34.40
DATE	10-15-08	50th PERCENTILE SPEED	39.80
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	42.70
TIME OF DAY	04:06PM - 05:06PM	95th PERCENTILE SPEED	48.60
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	28 TO 50
NUMBER OF LANES	4	10 MPH PACE SPEEDS	35 TO 44
DEVELOPMENT	OPEN/PARK	PERCENT IN PACE	77.08
WEATHER	CLEAR	CALCULATED MEAN	39.58
ROAD CONDITION	PAVED	STANDARD DEVIATION	7.58
95% CONFIDENCE GAP	37.49 TO 41.67	SKEWNESS INDEX	-0.01

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	0	0.000	99.999
52	0	0.000	99.999
51	0	0.000	99.999
50	2	4.167	99.999
49	1	2.083	95.833
48	1	2.083	93.750
47	1	2.083	91.666
46	0	0.000	89.583
45	0	0.000	89.583
44	1	2.083	89.583
43	4	8.333	87.500
42	7	14.583	79.166
41	6	12.500	64.583
40	5	10.417	52.083
39	2	4.167	41.666
38	1	2.083	37.500
37	3	6.250	35.417
36	5	10.417	29.167
35	3	6.250	18.750
34	0	0.000	12.500
33	3	6.250	12.500
32	0	0.000	6.250
31	1	2.083	6.250
30	1	2.083	4.167
29	0	0.000	2.083
28	1	2.083	2.083
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



48 VEHICLES OBSERVED

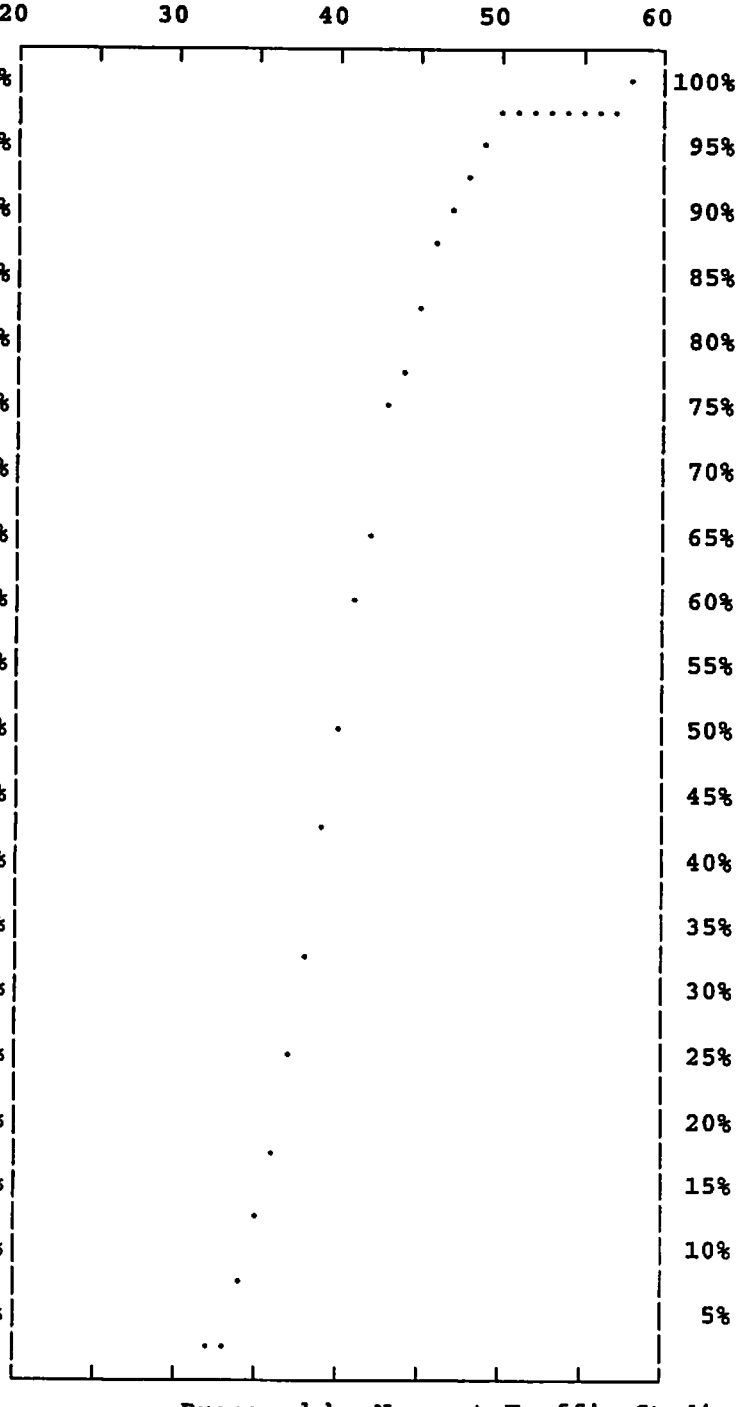
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	FRENCH LAS FLORES/DRUMMOND		
DIRECTION	WESTBOUND	15th PERCENTILE SPEED	35.26
DATE	10-15-08	50th PERCENTILE SPEED	39.86
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	45.23
TIME OF DAY	04:06PM - 05:06PM	95th PERCENTILE SPEED	48.90
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	31 TO 58
NUMBER OF LANES	4	10 MPH PACE SPEEDS	34 TO 43
DEVELOPMENT	OPEN/PARK	PERCENT IN PACE	70.73
WEATHER	CLEAR	CALCULATED MEAN	40.72
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.70
95% CONFIDENCE GAP	39.31 TO 42.13	SKEWNESS INDEX	-0.10

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %	
60	0	0.000	99.999	100%
59	0	0.000	99.999	
58	1	1.220	99.999	95%
57	0	0.000	98.780	
56	0	0.000	98.780	90%
55	0	0.000	98.780	
54	0	0.000	98.780	85%
53	0	0.000	98.780	
52	0	0.000	98.780	80%
51	1	1.220	98.780	
50	2	2.439	97.560	75%
49	1	1.220	95.121	
48	3	3.659	93.902	70%
47	2	2.439	90.243	
46	3	3.659	87.804	65%
45	4	4.878	84.146	
44	3	3.659	79.268	60%
43	8	9.756	75.609	
42	4	4.878	65.853	55%
41	8	9.756	60.975	
40	7	8.537	51.219	50%
39	8	9.756	42.683	
38	6	7.317	32.927	45%
37	5	6.098	25.610	
36	5	6.098	19.512	40%
35	3	3.659	13.415	
34	4	4.878	9.756	35%
33	1	1.220	4.878	
32	1	1.220	3.659	30%
31	2	2.439	2.439	
30	0	0.000	0.000	25%
29	0	0.000	0.000	
28	0	0.000	0.000	20%
27	0	0.000	0.000	
26	0	0.000	0.000	15%
25	0	0.000	0.000	
24	0	0.000	0.000	10%
23	0	0.000	0.000	
22	0	0.000	0.000	5%
21	0	0.000	0.000	



82 VEHICLES OBSERVED

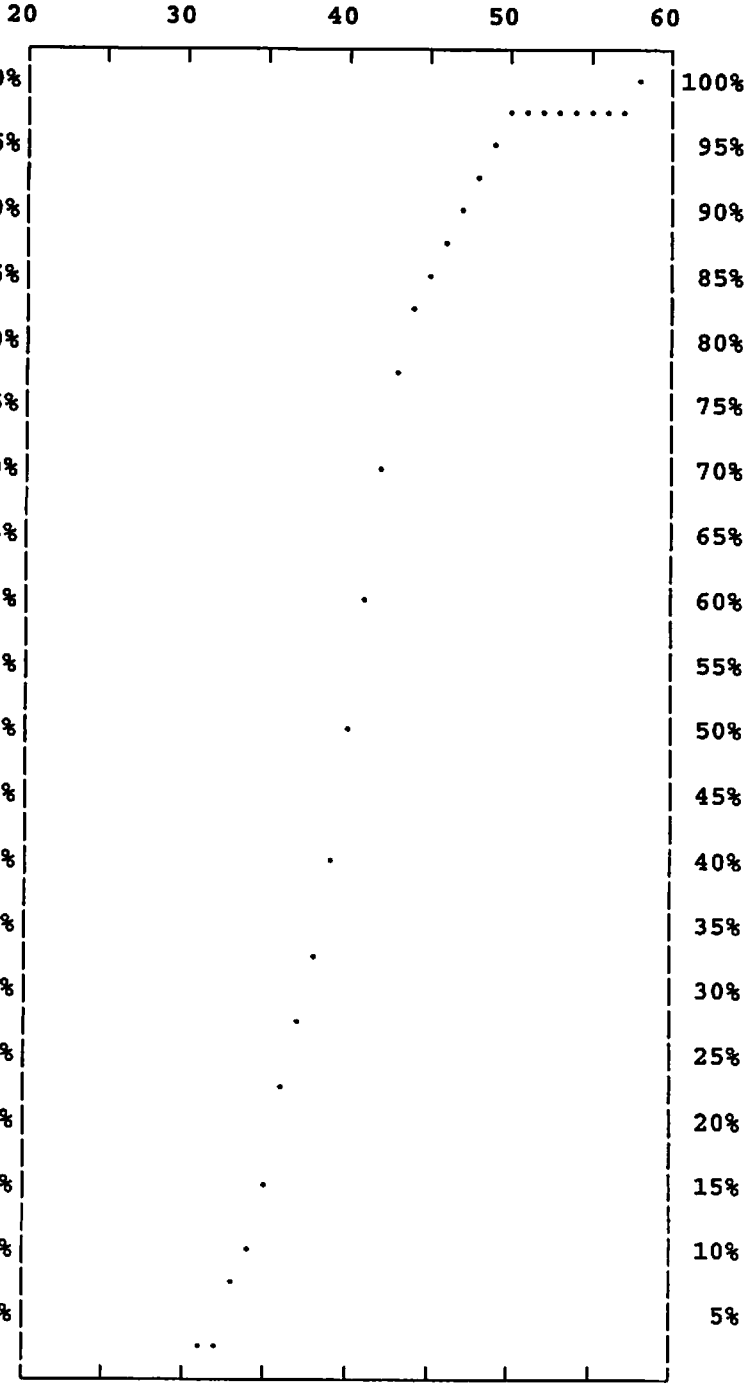
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	FRENCH LAS FLORES/DRUMMOND		
DIRECTION	TOTAL	15th PERCENTILE SPEED	34.92
DATE	10-15-08	50th PERCENTILE SPEED	39.83
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	44.63
TIME OF DAY	04:06PM - 05:06PM	95th PERCENTILE SPEED	48.75
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	28 TO 58
NUMBER OF LANES	4	10 MPH PACE SPEEDS	34 TO 43
DEVELOPMENT	OPEN/PARK	PERCENT IN PACE	72.31
WEATHER	CLEAR	CALCULATED MEAN	40.30
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.08
95% CONFIDENCE GAP	39.28 TO 41.32	SKEWNESS INDEX	-0.06

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	1	0.769	99.999
57	0	0.000	99.230
56	0	0.000	99.230
55	0	0.000	99.230
54	0	0.000	99.230
53	0	0.000	99.230
52	0	0.000	99.230
51	1	0.769	99.230
50	4	3.077	98.461
49	2	1.538	95.384
48	4	3.077	93.845
47	3	2.308	90.768
46	3	2.308	88.461
45	4	3.077	86.153
44	4	3.077	83.076
43	12	9.231	79.999
42	11	8.462	70.769
41	14	10.769	62.307
40	12	9.231	51.538
39	10	7.692	42.307
38	7	5.385	34.615
37	8	6.154	29.230
36	10	7.692	23.077
35	6	4.615	15.384
34	4	3.077	10.769
33	4	3.077	7.692
32	1	0.769	4.615
31	3	2.308	3.846
30	1	0.769	1.538
29	0	0.000	0.769
28	1	0.769	0.769
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



130 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION LAS FLORES CHINA LAKE/FRENCH

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	26.21
DATE	10-16-08	50th PERCENTILE SPEED	29.63
DAY OF WEEK	Thursday	85th PERCENTILE SPEED	34.20
TIME OF DAY	11:24AM - 12:31PM	95th PERCENTILE SPEED	35.75
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	22 TO 47
NUMBER OF LANES	4	10 MPH PACE SPEEDS	26 TO 35
DEVELOPMENT	COMM/PARK	PERCENT IN PACE	83.70
WEATHER	CLEAR	CALCULATED MEAN	30.63
ROAD CONDITION	PAVED	STANDARD DEVIATION	4.84
95% CONFIDENCE GAP	29.83 TO 31.43	SKEWNESS INDEX	0.00
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	135

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE EAST 35mph SPEED LIMIT ON THE WEST 35mph

RECOMMENDATIONS _____

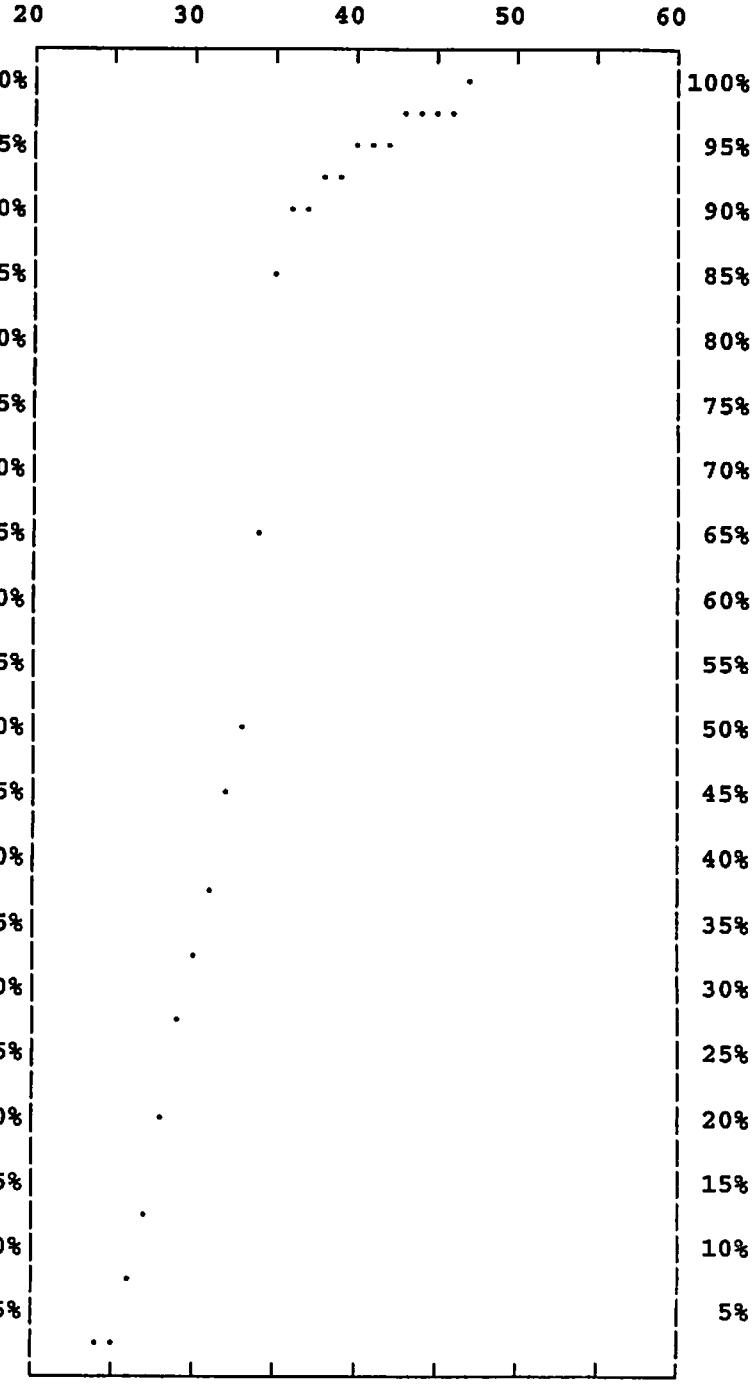
RECOMMENDED SPEED LIMIT 35mph BY RK DATE 11/19/08

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	LAS FLORES CHINA LAKE/FRENCH		
DIRECTION	EASTBOUND	15th PERCENTILE SPEED	27.20
DATE	10-16-08	50th PERCENTILE SPEED	32.67
DAY OF WEEK	Thursday	85th PERCENTILE SPEED	34.92
TIME OF DAY	11:24AM - 12:31PM	95th PERCENTILE SPEED	39.40
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	23 TO 47
NUMBER OF LANES	4	10 MPH PACE SPEEDS	26 TO 35
DEVELOPMENT	COMM/PARK	PERCENT IN PACE	82.69
WEATHER	CLEAR	CALCULATED MEAN	32.40
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.40
95% CONFIDENCE GAP	30.71 TO 34.10	SKEWNESS INDEX	0.21

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	0	0.000	99.999
52	0	0.000	99.999
51	0	0.000	99.999
50	0	0.000	99.999
49	0	0.000	99.999
48	0	0.000	99.999
47	1	1.923	99.999
46	0	0.000	98.076
45	0	0.000	98.076
44	0	0.000	98.076
43	1	1.923	98.076
42	0	0.000	96.153
41	0	0.000	96.153
40	1	1.923	96.153
39	0	0.000	94.230
38	1	1.923	94.230
37	1	1.923	92.307
36	2	3.846	90.384
35	10	19.231	86.538
34	8	15.385	67.307
33	3	5.769	51.923
32	4	7.692	46.154
31	2	3.846	38.461
30	3	5.769	34.615
29	4	7.692	28.846
28	4	7.692	21.154
27	2	3.846	13.461
26	3	5.769	9.615
25	0	0.000	3.846
24	1	1.923	3.846
23	1	1.923	1.923
22	0	0.000	0.000
21	0	0.000	0.000



52 VEHICLES OBSERVED

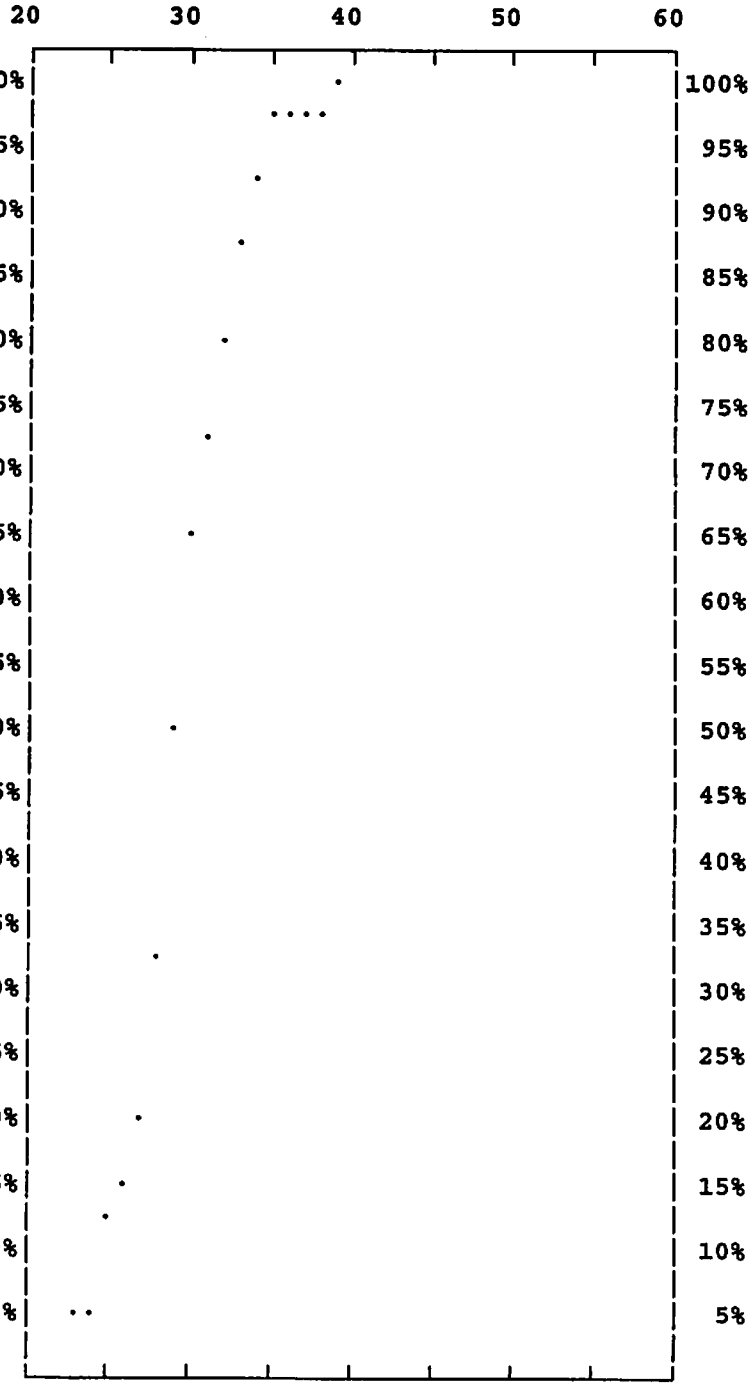
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	LAS FLORES CHINA LAKE/FRENCH		
DIRECTION	WESTBOUND	15th PERCENTILE SPEED	25.48
DATE	10-16-08	50th PERCENTILE SPEED	28.90
DAY OF WEEK	Thursday	85th PERCENTILE SPEED	32.51
TIME OF DAY	11:24AM - 12:31PM	95th PERCENTILE SPEED	34.46
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	22 TO 39
NUMBER OF LANES	4	10 MPH PACE SPEEDS	25 TO 34
DEVELOPMENT	COMM/PARK	PERCENT IN PACE	85.54
WEATHER	CLEAR	CALCULATED MEAN	29.52
ROAD CONDITION	PAVED	STANDARD DEVIATION	4.65
95% CONFIDENCE GAP	28.54 TO 30.49	SKEWNESS INDEX	-0.01

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	0	0.000	99.999
52	0	0.000	99.999
51	0	0.000	99.999
50	0	0.000	99.999
49	0	0.000	99.999
48	0	0.000	99.999
47	0	0.000	99.999
46	0	0.000	99.999
45	0	0.000	99.999
44	0	0.000	99.999
43	0	0.000	99.999
42	0	0.000	99.999
41	0	0.000	99.999
40	0	0.000	99.999
39	1	1.205	99.999
38	0	0.000	98.794
37	0	0.000	98.794
36	1	1.205	98.794
35	4	4.819	97.590
34	3	3.614	92.770
33	7	8.434	89.156
32	6	7.229	80.722
31	6	7.229	73.493
30	12	14.458	66.265
29	15	18.072	51.807
28	10	12.048	33.735
27	4	4.819	21.686
26	3	3.614	16.867
25	5	6.024	13.253
24	1	1.205	7.229
23	4	4.819	6.024
22	1	1.205	1.205
21	0	0.000	0.000



83 VEHICLES OBSERVED

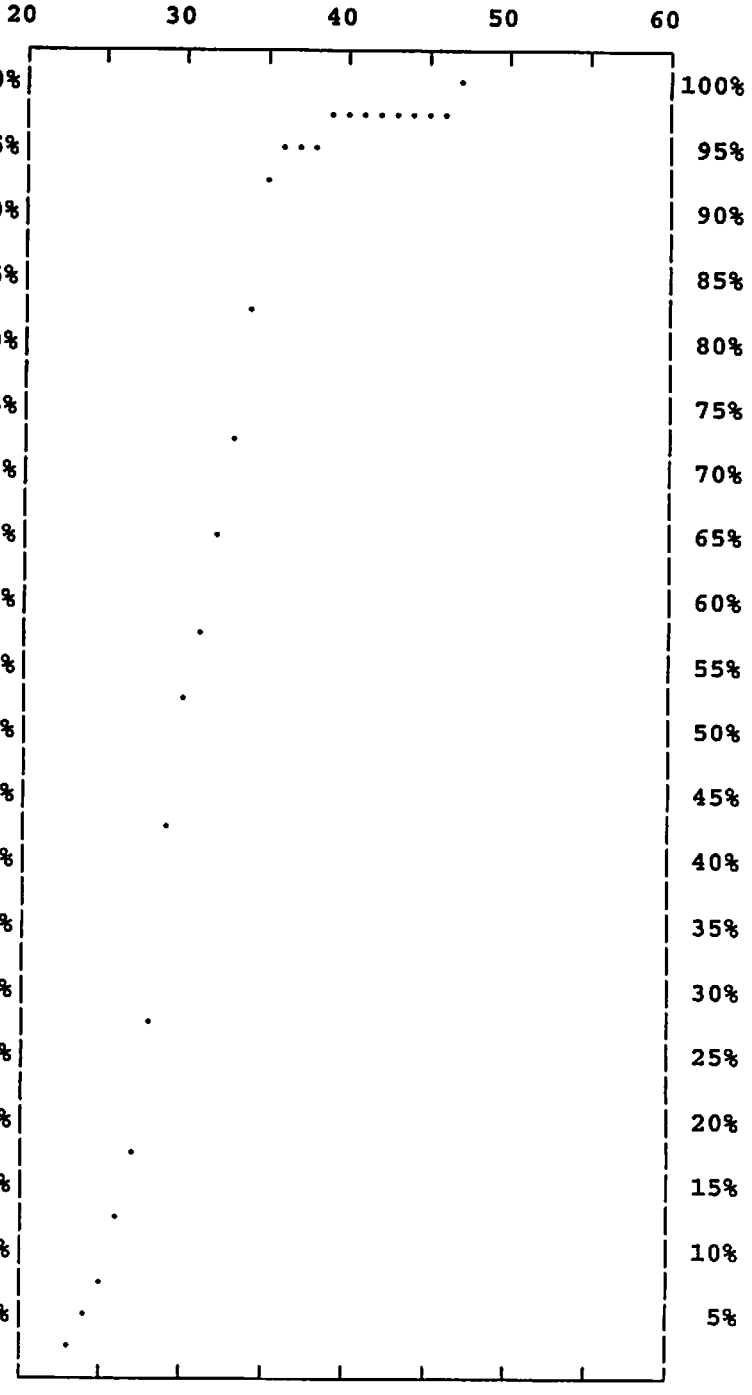
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	LAS FLORES CHINA LAKE/FRENCH		
DIRECTION	TOTAL	15th PERCENTILE SPEED	26.21
DATE	10-16-08	50th PERCENTILE SPEED	29.63
DAY OF WEEK	Thursday	85th PERCENTILE SPEED	34.20
TIME OF DAY	11:24AM - 12:31PM	95th PERCENTILE SPEED	35.75
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	22 TO 47
NUMBER OF LANES	4	10 MPH PACE SPEEDS	26 TO 35
DEVELOPMENT	COMM/PARK	PERCENT IN PACE	83.70
WEATHER	CLEAR	CALCULATED MEAN	30.63
ROAD CONDITION	PAVED	STANDARD DEVIATION	4.84
95% CONFIDENCE GAP	29.83 TO 31.43	SKEWNESS INDEX	0.00

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	0	0.000	99.999
52	0	0.000	99.999
51	0	0.000	99.999
50	0	0.000	99.999
49	0	0.000	99.999
48	0	0.000	99.999
47	1	0.741	99.999
46	0	0.000	99.259
45	0	0.000	99.259
44	0	0.000	99.259
43	1	0.741	99.259
42	0	0.000	98.518
41	0	0.000	98.518
40	1	0.741	98.518
39	1	0.741	97.777
38	1	0.741	97.036
37	1	0.741	96.296
36	3	2.222	95.555
35	14	10.370	93.333
34	11	8.148	82.963
33	10	7.407	74.814
32	10	7.407	67.407
31	8	5.926	60.000
30	15	11.111	54.074
29	19	14.074	42.963
28	14	10.370	28.889
27	6	4.444	18.518
26	6	4.444	14.074
25	5	3.704	9.630
24	2	1.481	5.926
23	5	3.704	4.444
22	1	0.741	0.741
21	0	0.000	0.000



135 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION DOWNS LAS FLORES/RIDGECREST

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	37.52
DATE	10-13-08	50th PERCENTILE SPEED	41.97
DAY OF WEEK	Monday	85th PERCENTILE SPEED	47.57
TIME OF DAY	02:05PM - 02:38PM	95th PERCENTILE SPEED	50.25
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	31 TO 57
NUMBER OF LANES	4	10 MPH PACE SPEEDS	37 TO 46
DEVELOPMENT	OPEN/COMMERCIAL	PERCENT IN PACE	72.00
WEATHER	CLEAR	CALCULATED MEAN	42.78
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.48
95% CONFIDENCE GAP	42.08 TO 43.48	SKEWNESS INDEX	-0.12
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	225

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE NORTH 45mph SPEED LIMIT ON THE SOUTH 35mph

RECOMMENDATIONS _____

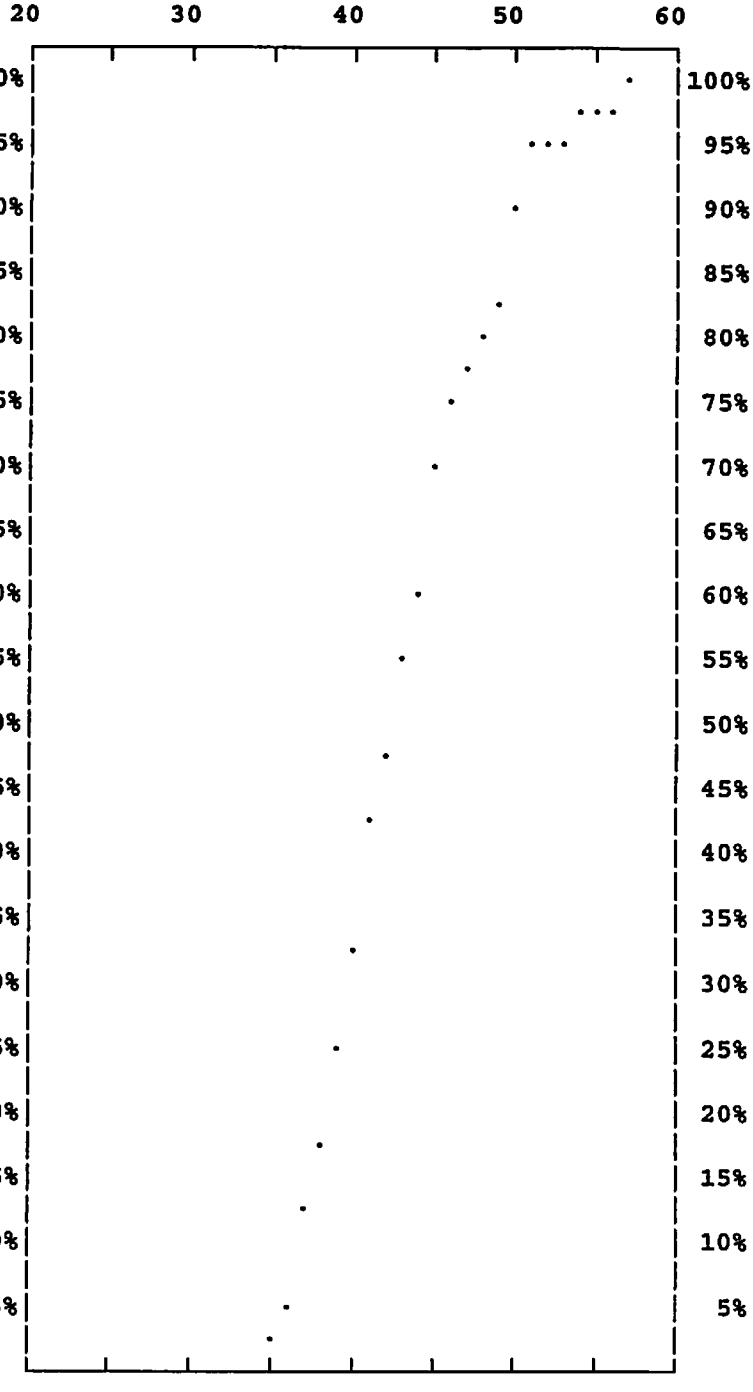
RECOMMENDED SPEED LIMIT 45mph BY RK DATE 11/19/08

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	DOWNS LAS FLORES/RIDGECREST		
DIRECTION	NORTHBOUND	15th PERCENTILE SPEED	37.28
DATE	10-13-08	50th PERCENTILE SPEED	42.00
DAY OF WEEK	Monday	85th PERCENTILE SPEED	49.03
TIME OF DAY	02:05PM - 02:38PM	95th PERCENTILE SPEED	50.62
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	34 TO 57
NUMBER OF LANES	4	10 MPH PACE SPEEDS	37 TO 46
DEVELOPMENT	OPEN/COMMERCIAL	PERCENT IN PACE	69.49
WEATHER	CLEAR	CALCULATED MEAN	43.10
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.35
95% CONFIDENCE GAP	41.99 TO 44.22	SKEWNESS INDEX	-0.15

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %	
60	0	0.000	99.999	100%
59	0	0.000	99.999	
58	0	0.000	99.999	95%
57	1	0.847	99.999	
56	0	0.000	99.152	90%
55	0	0.000	99.152	
54	2	1.695	99.152	85%
53	1	0.847	97.457	
52	0	0.000	96.609	80%
51	5	4.237	96.609	
50	9	7.627	92.372	75%
49	3	2.542	84.745	
48	4	3.390	82.203	70%
47	3	2.542	78.813	
46	6	5.085	76.271	65%
45	11	9.322	71.186	
44	6	5.085	61.864	60%
43	8	6.780	56.779	
42	8	6.780	50.000	55%
41	10	8.475	43.220	
40	11	9.322	34.746	50%
39	8	6.780	25.424	
38	6	5.085	18.644	45%
37	8	6.780	13.559	
36	4	3.390	6.780	40%
35	2	1.695	3.390	
34	2	1.695	1.695	35%
33	0	0.000	0.000	
32	0	0.000	0.000	30%
31	0	0.000	0.000	
30	0	0.000	0.000	25%
29	0	0.000	0.000	
28	0	0.000	0.000	20%
27	0	0.000	0.000	
26	0	0.000	0.000	15%
25	0	0.000	0.000	
24	0	0.000	0.000	10%
23	0	0.000	0.000	
22	0	0.000	0.000	5%
21	0	0.000	0.000	



118 VEHICLES OBSERVED

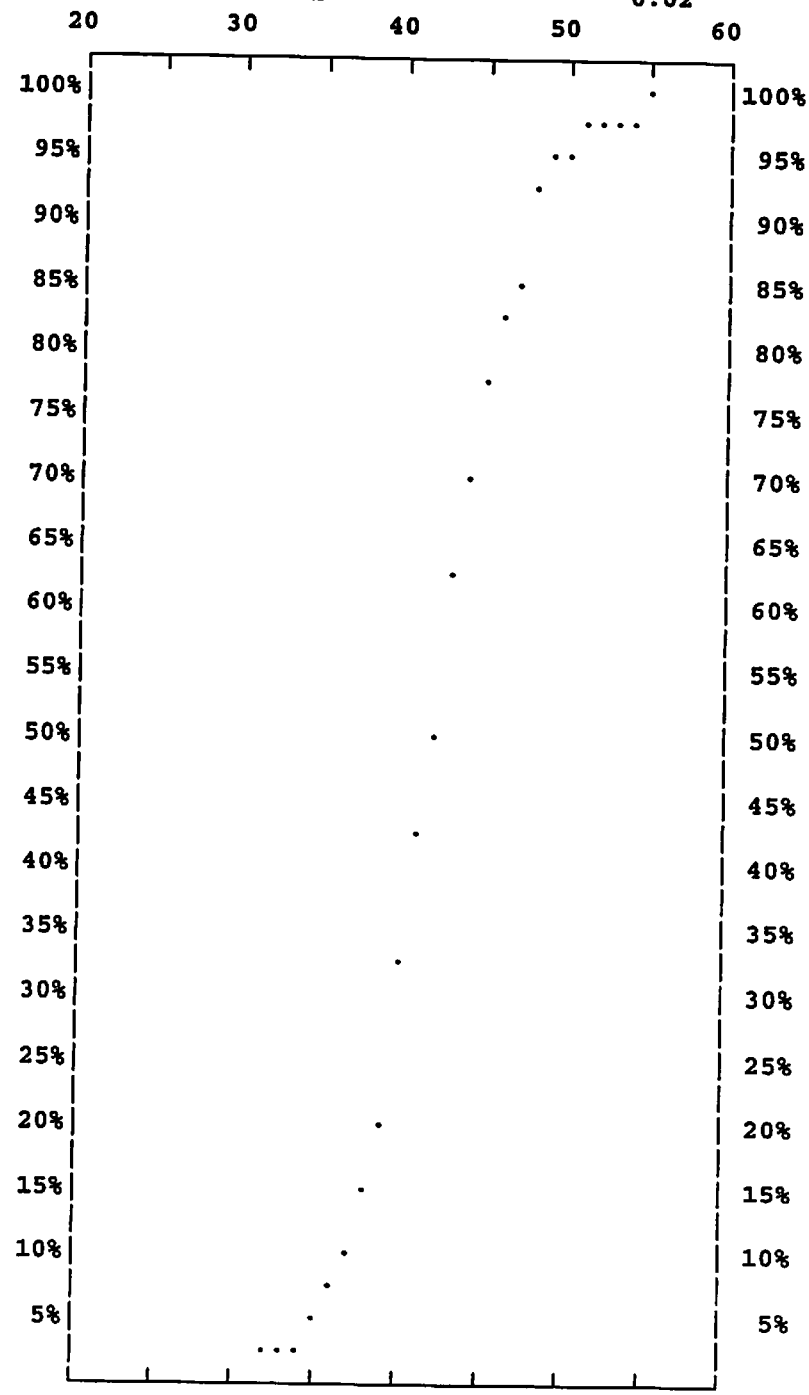
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	DOWNS LAS FLORES/RIDGECREST		
DIRECTION	SOUTHBOUND	15th PERCENTILE SPEED	37.81
DATE	10-13-08	50th PERCENTILE SPEED	41.94
DAY OF WEEK	Monday	85th PERCENTILE SPEED	46.65
TIME OF DAY	02:05PM - 02:38PM	95th PERCENTILE SPEED	48.88
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	31 TO 55
NUMBER OF LANES	4	10 MPH PACE SPEEDS	39 TO 48
DEVELOPMENT	OPEN/COMMERCIAL	PERCENT IN PACE	76.64
WEATHER	CLEAR	CALCULATED MEAN	42.43
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.99
95% CONFIDENCE GAP	41.32 TO 43.54	SKEWNESS INDEX	0.02

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	1	0.935	99.999
54	0	0.000	99.064
53	0	0.000	99.064
52	1	0.935	99.064
51	2	1.869	98.130
50	1	0.935	96.261
49	3	2.804	95.326
48	7	6.542	92.523
47	3	2.804	85.981
46	6	5.607	83.177
45	8	7.477	77.569
44	8	7.477	70.093
43	13	12.150	62.616
42	8	7.477	50.467
41	11	10.280	42.990
40	12	11.215	32.710
39	6	5.607	21.495
38	5	4.673	15.888
37	3	2.804	11.215
36	3	2.804	8.411
35	3	2.804	5.607
34	0	0.000	2.804
33	0	0.000	2.804
32	2	1.869	2.804
31	1	0.935	0.935
30	0	0.000	0.000
29	0	0.000	0.000
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



107 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	DOWNS LAS FLORES/RIDGECREST		
DIRECTION	TOTAL	15th PERCENTILE SPEED	37.52
DATE	10-13-08	50th PERCENTILE SPEED	41.97
DAY OF WEEK	Monday	85th PERCENTILE SPEED	47.57
TIME OF DAY	02:05PM - 02:38PM	95th PERCENTILE SPEED	50.25
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	31 TO 57
NUMBER OF LANES	4	10 MPH PACE SPEEDS	37 TO 46
DEVELOPMENT	OPEN/COMMERCIAL	PERCENT IN PACE	72.00
WEATHER	CLEAR	CALCULATED MEAN	42.78
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.48
95% CONFIDENCE GAP	42.08 TO 43.48	SKEWNESS INDEX	-0.12

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	1	0.444	99.999
56	0	0.000	99.554
55	1	0.444	99.554
54	2	0.889	99.110
53	1	0.444	98.221
52	1	0.444	97.777
51	7	3.111	97.332
50	10	4.444	94.221
49	6	2.667	89.777
48	11	4.889	87.110
47	6	2.667	82.222
46	12	5.333	79.555
45	19	8.444	74.222
44	14	6.222	65.777
43	21	9.333	59.555
42	16	7.111	50.222
41	21	9.333	43.111
40	23	10.222	33.777
39	14	6.222	23.555
38	11	4.889	17.333
37	11	4.889	12.444
36	7	3.111	7.555
35	5	2.222	4.444
34	2	0.889	2.222
33	0	0.000	1.333
32	2	0.889	1.333
31	1	0.444	0.444
30	0	0.000	0.000
29	0	0.000	0.000
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
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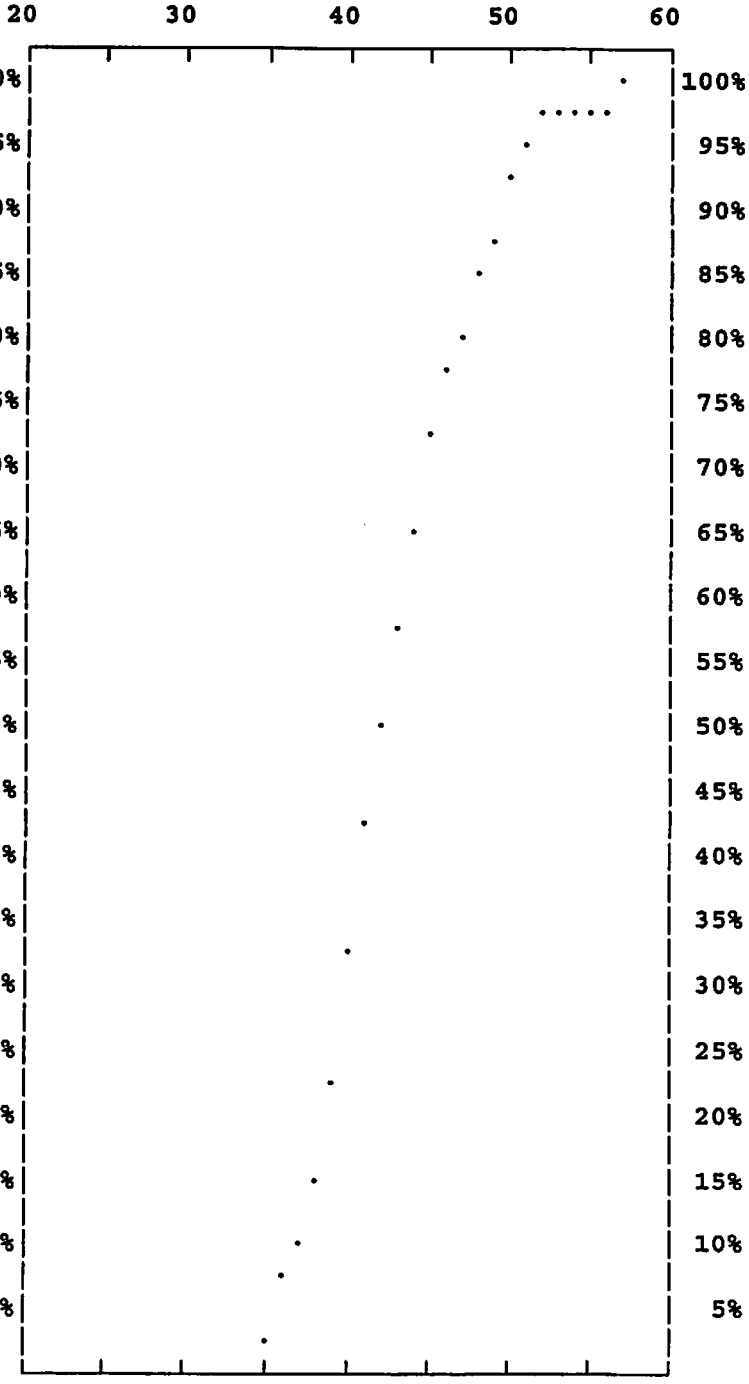
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



225 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION FRENCH CHINA LAKE/LAS FLORES

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	32.29
DATE	10-15-08	50th PERCENTILE SPEED	37.11
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	42.04
TIME OF DAY	03:19PM - 04:05PM	95th PERCENTILE SPEED	45.69
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	24 TO 51
NUMBER OF LANES	4	10 MPH PACE SPEEDS	34 TO 43
DEVELOPMENT	OPEN	PERCENT IN PACE	71.56
WEATHER	CLEAR	CALCULATED MEAN	37.74
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.58
95% CONFIDENCE GAP	37.01 TO 38.47	SKEWNESS INDEX	-0.05
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	211

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE EAST 35mph SPEED LIMIT ON THE WEST 35mph

RECOMMENDATIONS _____

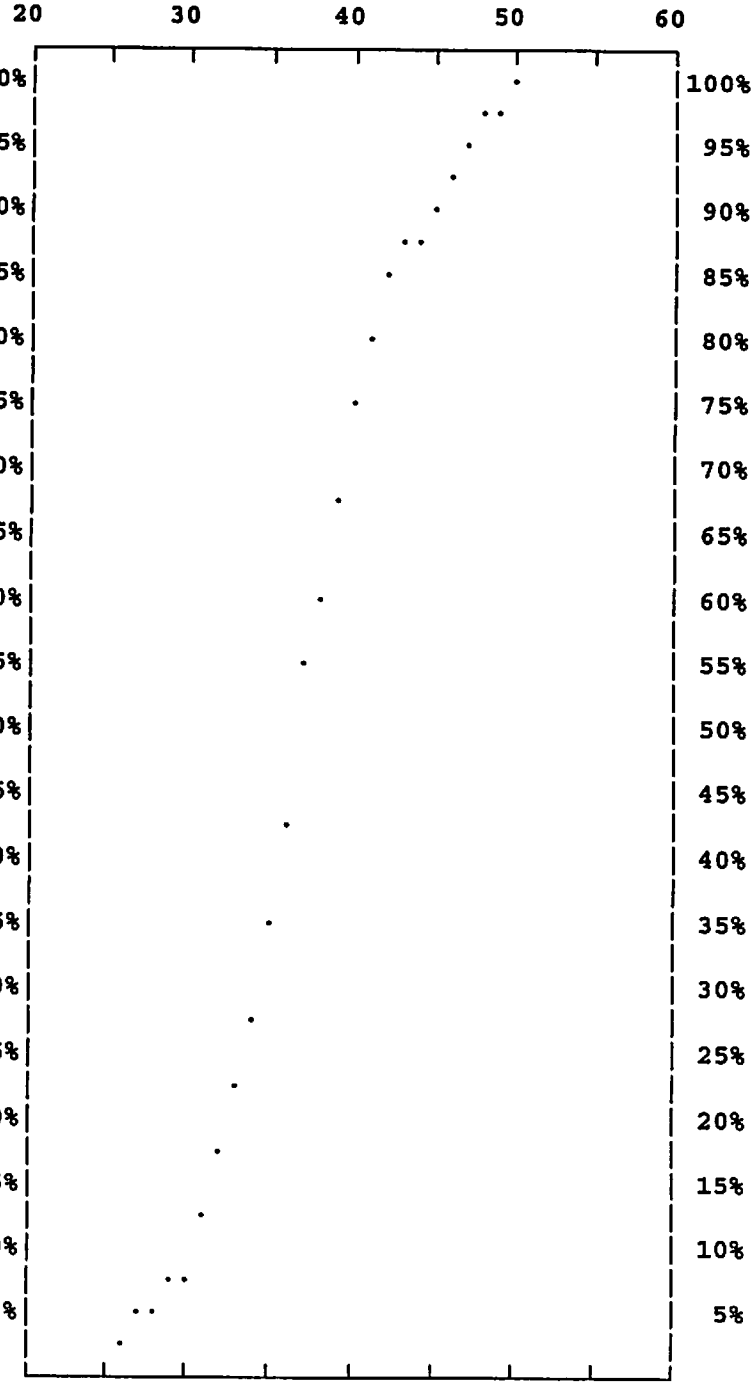
RECOMMENDED SPEED LIMIT 40mph BY RK DATE 11/19/08

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	FRENCH CHINA LAKE/LAS FLORES		
DIRECTION	EASTBOUND	15th PERCENTILE SPEED	31.05
DATE	10-15-08	50th PERCENTILE SPEED	36.50
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	41.97
TIME OF DAY	03:19PM - 04:05PM	95th PERCENTILE SPEED	46.32
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	24 TO 50
NUMBER OF LANES	4	10 MPH PACE SPEEDS	33 TO 42
DEVELOPMENT	OPEN	PERCENT IN PACE	67.33
WEATHER	CLEAR	CALCULATED MEAN	37.13
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.58
95% CONFIDENCE GAP	35.88 TO 38.38	SKEWNESS INDEX	-0.03

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.998
59	0	0.000	99.998
58	0	0.000	99.998
57	0	0.000	99.998
56	0	0.000	99.998
55	0	0.000	99.998
54	0	0.000	99.998
53	0	0.000	99.998
52	0	0.000	99.998
51	0	0.000	99.998
50	1	0.990	99.998
49	1	0.990	99.008
48	1	0.990	98.018
47	3	2.970	97.028
46	2	1.980	94.057
45	3	2.970	92.077
44	1	0.990	89.107
43	3	2.970	88.117
42	5	4.950	85.147
41	5	4.950	80.197
40	6	5.941	75.246
39	9	8.911	69.306
38	5	4.950	60.395
37	11	10.891	55.444
36	8	7.921	44.553
35	7	6.931	36.633
34	6	5.941	29.702
33	6	5.941	23.762
32	3	2.970	17.821
31	5	4.950	14.851
30	2	1.980	9.901
29	1	0.990	7.920
28	0	0.000	6.930
27	4	3.960	6.930
26	2	1.980	2.970
25	0	0.000	0.990
24	1	0.990	0.990
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



101 VEHICLES OBSERVED

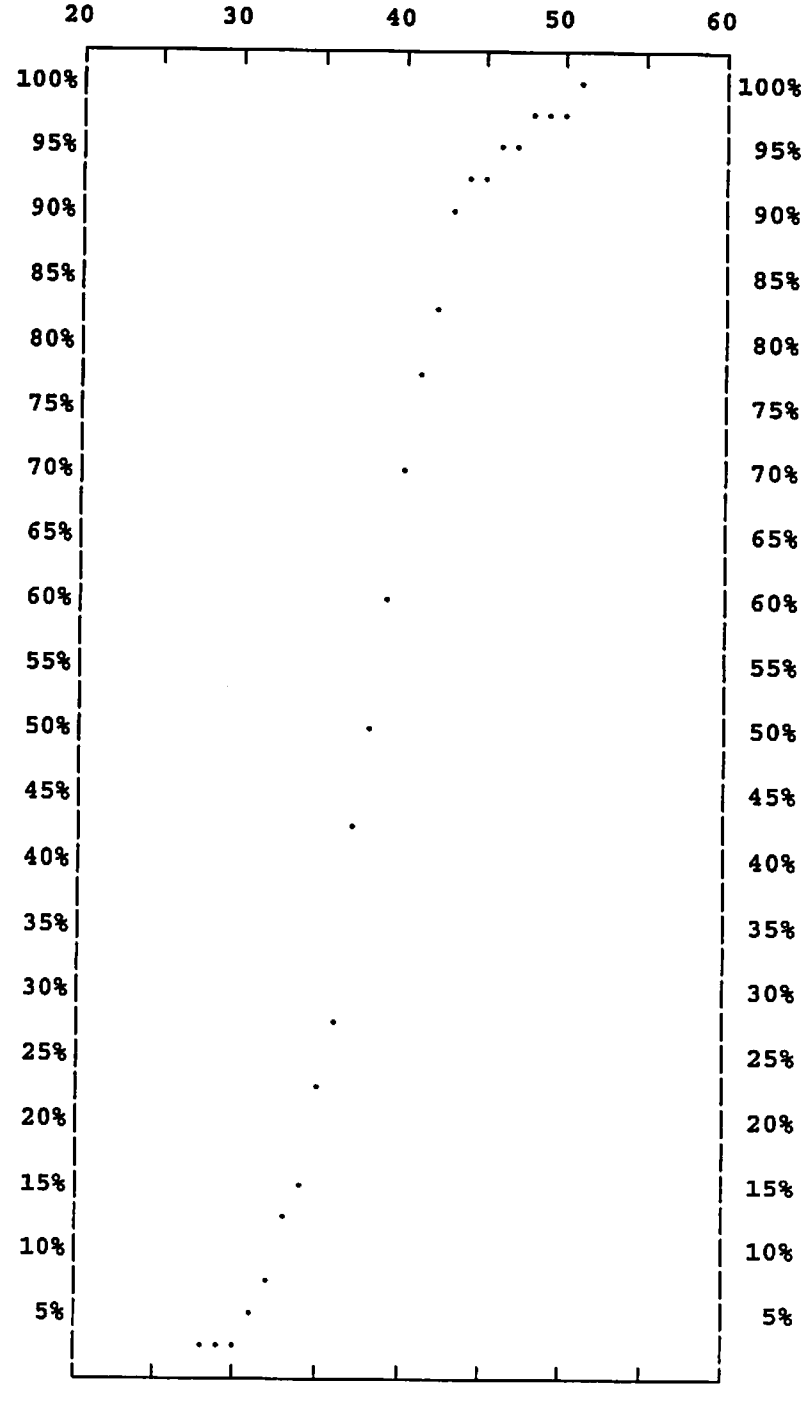
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	FRENCH CHINA LAKE/LAS FLORES		
DIRECTION	WESTBOUND	15th PERCENTILE SPEED	33.63
DATE	10-15-08	50th PERCENTILE SPEED	37.78
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	42.07
TIME OF DAY	03:19PM - 04:05PM	95th PERCENTILE SPEED	45.17
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	27 TO 51
NUMBER OF LANES	4	10 MPH PACE SPEEDS	34 TO 43
DEVELOPMENT	OPEN	PERCENT IN PACE	78.18
WEATHER	CLEAR	CALCULATED MEAN	38.30
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.71
95% CONFIDENCE GAP	37.26 TO 39.34	SKEWNESS INDEX	0.05

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	0	0.000	99.999
52	0	0.000	99.999
51	1	0.909	99.999
50	0	0.000	99.090
49	1	0.909	99.090
48	1	0.909	98.181
47	0	0.000	97.272
46	3	2.727	97.272
45	1	0.909	94.545
44	3	2.727	93.636
43	7	6.364	90.908
42	7	6.364	84.545
41	8	7.273	78.181
40	11	10.000	70.908
39	10	9.091	60.908
38	9	8.182	51.818
37	15	13.636	43.636
36	7	6.364	29.999
35	8	7.273	23.636
34	4	3.636	16.363
33	3	2.727	12.727
32	4	3.636	10.000
31	3	2.727	6.363
30	0	0.000	3.636
29	1	0.909	3.636
28	2	1.818	2.727
27	1	0.909	0.909
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



110 VEHICLES OBSERVED

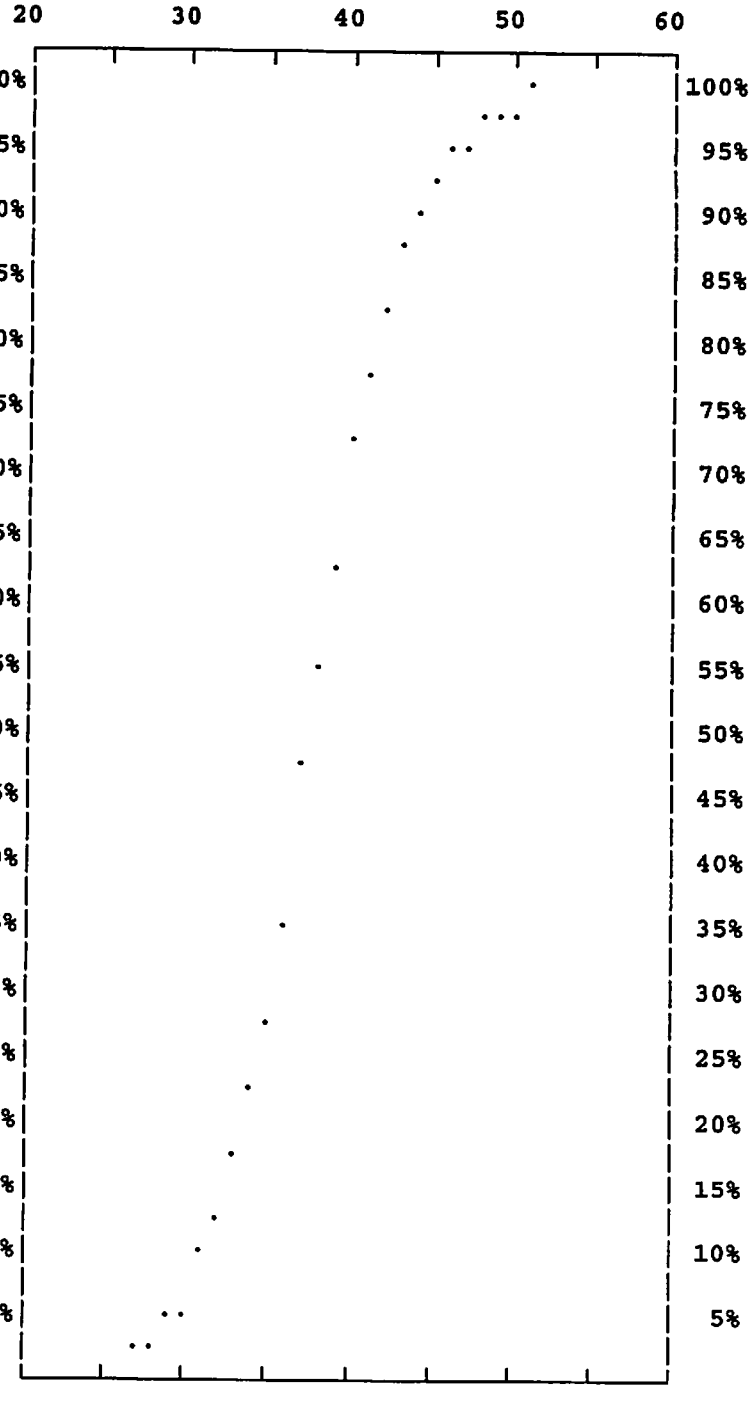
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	FRENCH CHINA LAKE/LAS FLORES		
DIRECTION	TOTAL	15th PERCENTILE SPEED	32.29
DATE	10-15-08	50th PERCENTILE SPEED	37.11
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	42.04
TIME OF DAY	03:19PM - 04:05PM	95th PERCENTILE SPEED	45.69
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	24 TO 51
NUMBER OF LANES	4	10 MPH PACE SPEEDS	34 TO 43
DEVELOPMENT	OPEN	PERCENT IN PACE	71.56
WEATHER	CLEAR	CALCULATED MEAN	37.74
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.58
95% CONFIDENCE GAP	37.01 TO 38.47	SKEWNESS INDEX	-0.05

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	0	0.000	99.999
52	0	0.000	99.999
51	1	0.474	99.999
50	1	0.474	99.525
49	2	0.948	99.051
48	2	0.948	98.103
47	3	1.422	97.155
46	5	2.370	95.734
45	4	1.896	93.364
44	4	1.896	91.468
43	10	4.739	89.573
42	12	5.687	84.833
41	13	6.161	79.146
40	17	8.057	72.985
39	19	9.005	64.928
38	14	6.635	55.924
37	26	12.322	49.289
36	15	7.109	36.966
35	15	7.109	29.857
34	10	4.739	22.748
33	9	4.265	18.009
32	7	3.318	13.744
31	8	3.791	10.426
30	2	0.948	6.635
29	2	0.948	5.687
28	2	0.948	4.739
27	5	2.370	3.791
26	2	0.948	1.422
25	0	0.000	0.474
24	1	0.474	0.474
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



211 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION RIDGECREST BRADY/MAHAN

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	44.15
DATE	10-17-08	50th PERCENTILE SPEED	48.89
DAY OF WEEK	Friday	85th PERCENTILE SPEED	56.10
TIME OF DAY	09:49AM - 10:49AM	95th PERCENTILE SPEED	59.39
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	36 TO 60
NUMBER OF LANES	2	10 MPH PACE SPEEDS	44 TO 53
DEVELOPMENT	OPEN	PERCENT IN PACE	67.58
WEATHER	CLEAR	CALCULATED MEAN	50.14
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.43
95% CONFIDENCE GAP	49.23 TO 51.05	SKEWNESS INDEX	-0.26
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	182

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE EAST 45mph SPEED LIMIT ON THE WEST N/A

RECOMMENDATIONS _____

RECOMMENDED SPEED LIMIT 55mph BY RK DATE 11/19/08

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	RIDGECREST BRADY/MAHAN		
DIRECTION	EASTBOUND	15th PERCENTILE SPEED	43.19
DATE	10-17-08	50th PERCENTILE SPEED	48.13
DAY OF WEEK	Friday	85th PERCENTILE SPEED	53.38
TIME OF DAY	09:49AM - 10:49AM	95th PERCENTILE SPEED	57.50
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	36 TO 60
NUMBER OF LANES	2	10 MPH PACE SPEEDS	44 TO 53
DEVELOPMENT	OPEN	PERCENT IN PACE	70.00
WEATHER	CLEAR	CALCULATED MEAN	48.86
ROAD CONDITION	PAVED	STANDARD DEVIATION	7.21
95% CONFIDENCE GAP	47.40 TO 50.31	SKEWNESS INDEX	-0.15

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	4	4.444	99.999
59	0	0.000	95.555
58	1	1.111	95.555
57	2	2.222	94.444
56	1	1.111	92.221
55	3	3.333	91.110
54	4	4.444	87.777
53	8	8.889	83.333
52	6	6.667	74.444
51	5	5.556	67.777
50	4	4.444	62.222
49	8	8.889	57.777
48	6	6.667	48.889
47	5	5.556	42.222
46	4	4.444	36.666
45	9	10.000	32.222
44	8	8.889	22.222
43	6	6.667	13.333
42	3	3.333	6.667
41	1	1.111	3.333
40	1	1.111	2.222
39	0	0.000	1.111
38	0	0.000	1.111
37	0	0.000	1.111
36	1	1.111	1.111
35	0	0.000	0.000
34	0	0.000	0.000
33	0	0.000	0.000
32	0	0.000	0.000
31	0	0.000	0.000
30	0	0.000	0.000
29	0	0.000	0.000
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
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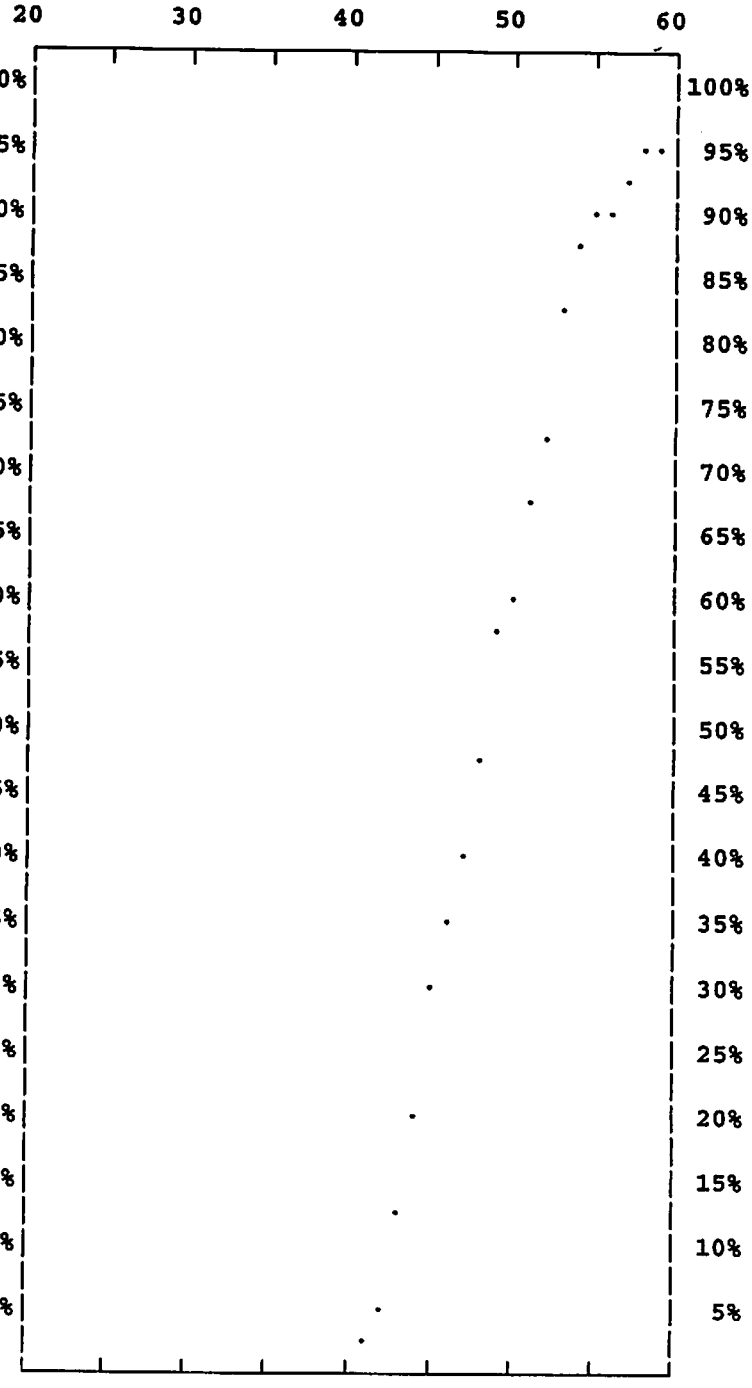
21	0	0.000	0.000



90 VEHICLES OBSERVED

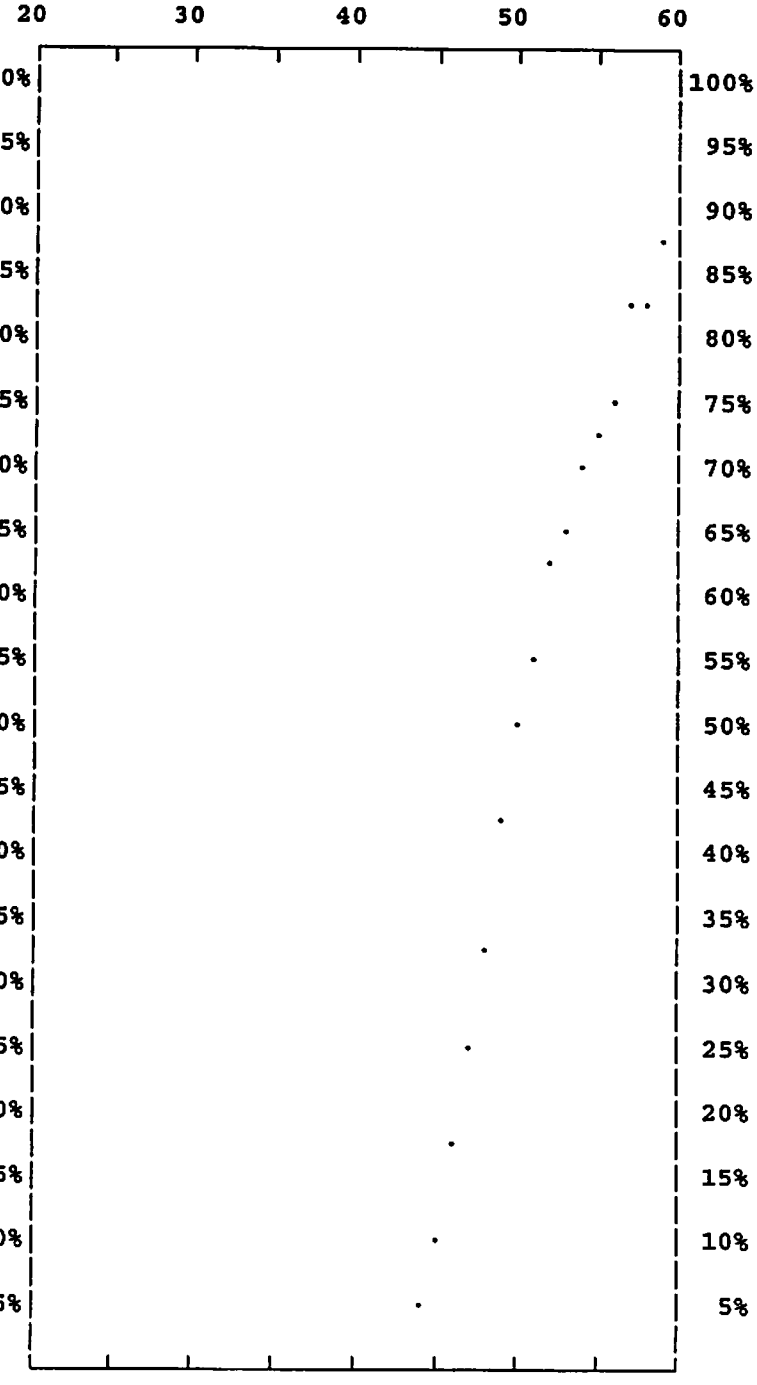
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	RIDGECREST BRADY/MAHAN		
DIRECTION	WESTBOUND	15th PERCENTILE SPEED	45.40
DATE	10-17-08	50th PERCENTILE SPEED	49.83
DAY OF WEEK	Friday	85th PERCENTILE SPEED	58.30
TIME OF DAY	09:49AM - 10:49AM	95th PERCENTILE SPEED	59.58
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	41 TO 60
NUMBER OF LANES	2	10 MPH PACE SPEEDS	44 TO 53
DEVELOPMENT	OPEN	PERCENT IN PACE	65.22
WEATHER	CLEAR	CALCULATED MEAN	51.40
ROAD CONDITION	PAVED	STANDARD DEVIATION	7.47
95% CONFIDENCE GAP	49.91 TO 52.89	SKEWNESS INDEX	-0.26

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	11	11.957	99.999
59	4	4.348	88.042
58	1	1.087	83.695
57	5	5.435	82.608
56	3	3.261	77.173
55	3	3.261	73.912
54	3	3.261	70.651
53	4	4.348	67.391
52	6	6.522	63.043
51	5	5.435	56.521
50	6	6.522	51.086
49	10	10.870	44.565
48	7	7.609	33.695
47	6	6.522	26.087
46	7	7.609	19.565
45	6	6.522	11.956
44	3	3.261	5.435
43	1	1.087	2.174
42	0	0.000	1.087
41	1	1.087	1.087
40	0	0.000	0.000
39	0	0.000	0.000
38	0	0.000	0.000
37	0	0.000	0.000
36	0	0.000	0.000
35	0	0.000	0.000
34	0	0.000	0.000
33	0	0.000	0.000
32	0	0.000	0.000
31	0	0.000	0.000
30	0	0.000	0.000
29	0	0.000	0.000
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



92 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	RIDGECREST BRADY/MAHAN		
DIRECTION	TOTAL	15th PERCENTILE SPEED	44.15
DATE	10-17-08	50th PERCENTILE SPEED	48.89
DAY OF WEEK	Friday	85th PERCENTILE SPEED	56.10
TIME OF DAY	09:49AM - 10:49AM	95th PERCENTILE SPEED	59.39
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	36 TO 60
NUMBER OF LANES	2	10 MPH PACE SPEEDS	44 TO 53
DEVELOPMENT	OPEN	PERCENT IN PACE	67.58
WEATHER	CLEAR	CALCULATED MEAN	50.14
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.43
95% CONFIDENCE GAP	49.23 TO 51.05	SKEWNESS INDEX	-0.26

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	15	8.242	99.999
59	4	2.198	91.758
58	2	1.099	89.560
57	7	3.846	88.461
56	4	2.198	84.615
55	6	3.297	82.417
54	7	3.846	79.120
53	12	6.593	75.274
52	12	6.593	68.681
51	10	5.495	62.087
50	10	5.495	56.593
49	18	9.890	51.098
48	13	7.143	41.208
47	11	6.044	34.066
46	11	6.044	28.022
45	15	8.242	21.978
44	11	6.044	13.736
43	7	3.846	7.692
42	3	1.648	3.846
41	2	1.099	2.198
40	1	0.549	1.099
39	0	0.000	0.549
38	0	0.000	0.549
37	0	0.000	0.549
36	1	0.549	0.549
35	0	0.000	0.000
34	0	0.000	0.000
33	0	0.000	0.000
32	0	0.000	0.000
31	0	0.000	0.000
30	0	0.000	0.000
29	0	0.000	0.000
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
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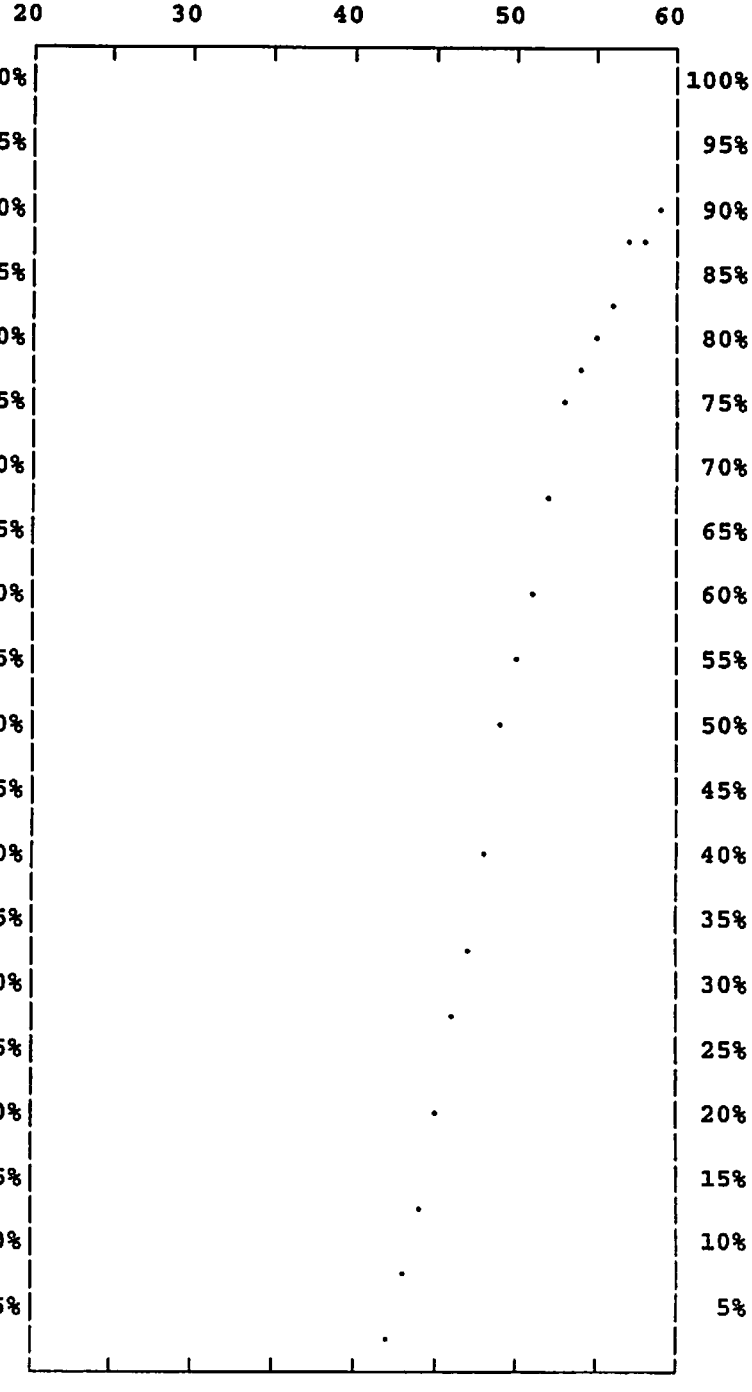
22	0	0.000	0.000
21	0	0.000	0.000



182 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION RIDGECREST MAHAN/DOWNS

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	41.24
DATE	10-17-08	50th PERCENTILE SPEED	45.00
DAY OF WEEK	Friday	85th PERCENTILE SPEED	49.80
TIME OF DAY	10:51AM - 11:51AM	95th PERCENTILE SPEED	51.77
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	33 TO 55
NUMBER OF LANES	2	10 MPH PACE SPEEDS	42 TO 51
DEVELOPMENT	OPEN	PERCENT IN PACE	78.95
WEATHER	CLEAR	CALCULATED MEAN	45.61
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.56
95% CONFIDENCE GAP	44.75 TO 46.47	SKEWNESS INDEX	-0.06
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	152

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE EAST <45mph SPEED LIMIT ON THE WEST <45mph

RECOMMENDATIONS _____

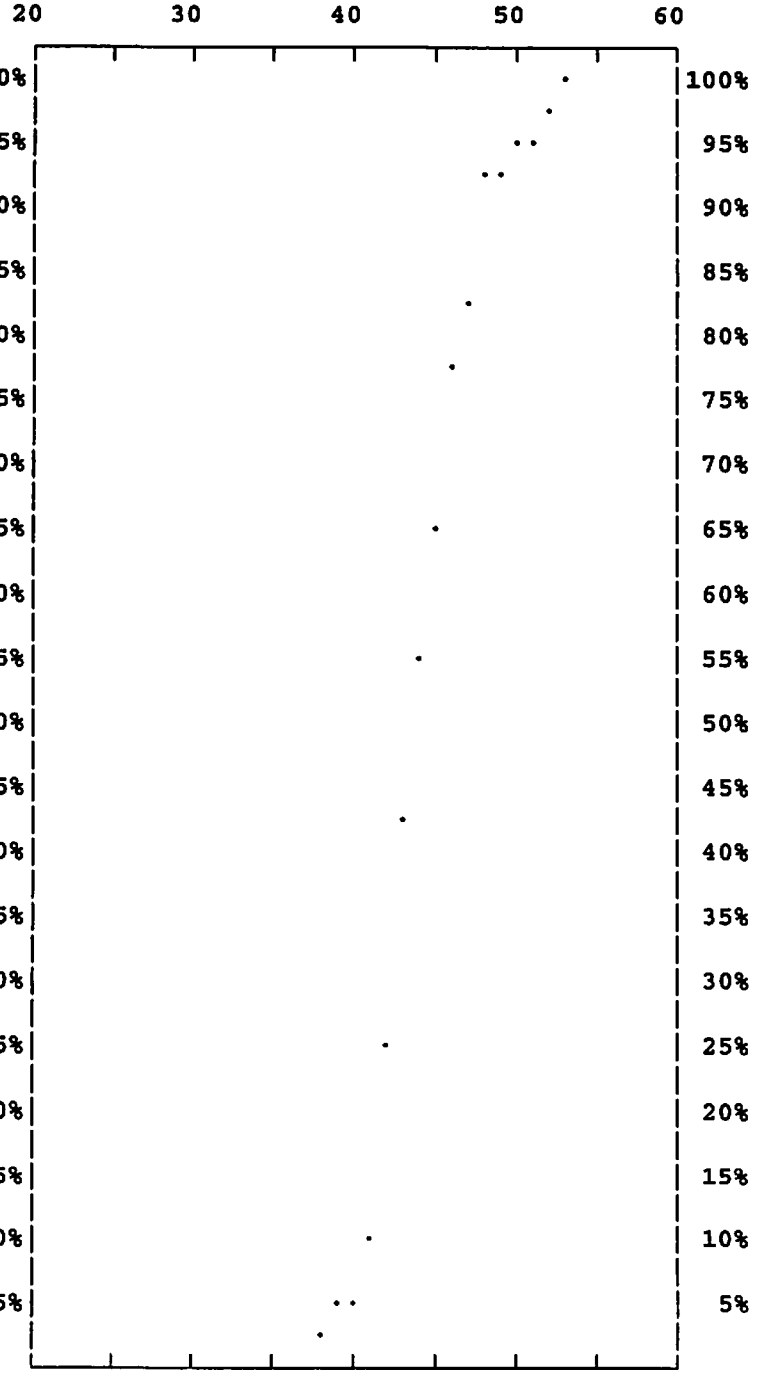
RECOMMENDED SPEED LIMIT 50mph BY RK DATE 11/19/08

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	RIDGECREST MAHAN/DOWNS		
DIRECTION	EASTBOUND	15th PERCENTILE SPEED	41.23
DATE	10-17-08	50th PERCENTILE SPEED	43.56
DAY OF WEEK	Friday	85th PERCENTILE SPEED	47.16
TIME OF DAY	10:51AM - 11:51AM	95th PERCENTILE SPEED	49.33
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	35 TO 53
NUMBER OF LANES	2	10 MPH PACE SPEEDS	41 TO 50
DEVELOPMENT	OPEN	PERCENT IN PACE	89.55
WEATHER	CLEAR	CALCULATED MEAN	44.36
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.33
95% CONFIDENCE GAP	42.88 TO 45.83	SKEWNESS INDEX	-0.10

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	1	1.493	99.999
52	1	1.493	98.507
51	0	0.000	97.014
50	2	2.985	97.014
49	1	1.493	94.029
48	6	8.955	92.537
47	4	5.970	83.582
46	8	11.940	77.611
45	7	10.448	65.671
44	8	11.940	55.224
43	12	17.910	43.283
42	9	13.433	25.373
41	3	4.478	11.940
40	1	1.493	7.463
39	1	1.493	5.970
38	2	2.985	4.478
37	0	0.000	1.493
36	0	0.000	1.493
35	1	1.493	1.493
34	0	0.000	0.000
33	0	0.000	0.000
32	0	0.000	0.000
31	0	0.000	0.000
30	0	0.000	0.000
29	0	0.000	0.000
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



67 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	RIDGECREST MAHAN/DOWNS		
DIRECTION	WESTBOUND	15th PERCENTILE SPEED	41.25
DATE	10-17-08	50th PERCENTILE SPEED	46.38
DAY OF WEEK	Friday	85th PERCENTILE SPEED	50.78
TIME OF DAY	10:51AM - 11:51AM	95th PERCENTILE SPEED	52.38
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	33 TO 55
NUMBER OF LANES	2	10 MPH PACE SPEEDS	42 TO 51
DEVELOPMENT	OPEN	PERCENT IN PACE	74.12
WEATHER	CLEAR	CALCULATED MEAN	46.60
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.81
95% CONFIDENCE GAP	45.19 TO 48.01	SKEWNESS INDEX	0.13

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	2	2.353	99.999
54	1	1.176	97.646
53	2	2.353	96.470
52	6	7.059	94.117
51	8	9.412	87.058
50	7	8.235	77.646
49	8	9.412	69.411
48	6	7.059	59.999
47	4	4.706	52.941
46	9	10.588	48.235
45	6	7.059	37.647
44	4	4.706	30.588
43	4	4.706	25.882
42	7	8.235	21.176
41	3	3.529	12.941
40	3	3.529	9.412
39	1	1.176	5.882
38	2	2.353	4.706
37	0	0.000	2.353
36	1	1.176	2.353
35	0	0.000	1.176
34	0	0.000	1.176
33	1	1.176	1.176
32	0	0.000	0.000
31	0	0.000	0.000
30	0	0.000	0.000
29	0	0.000	0.000
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
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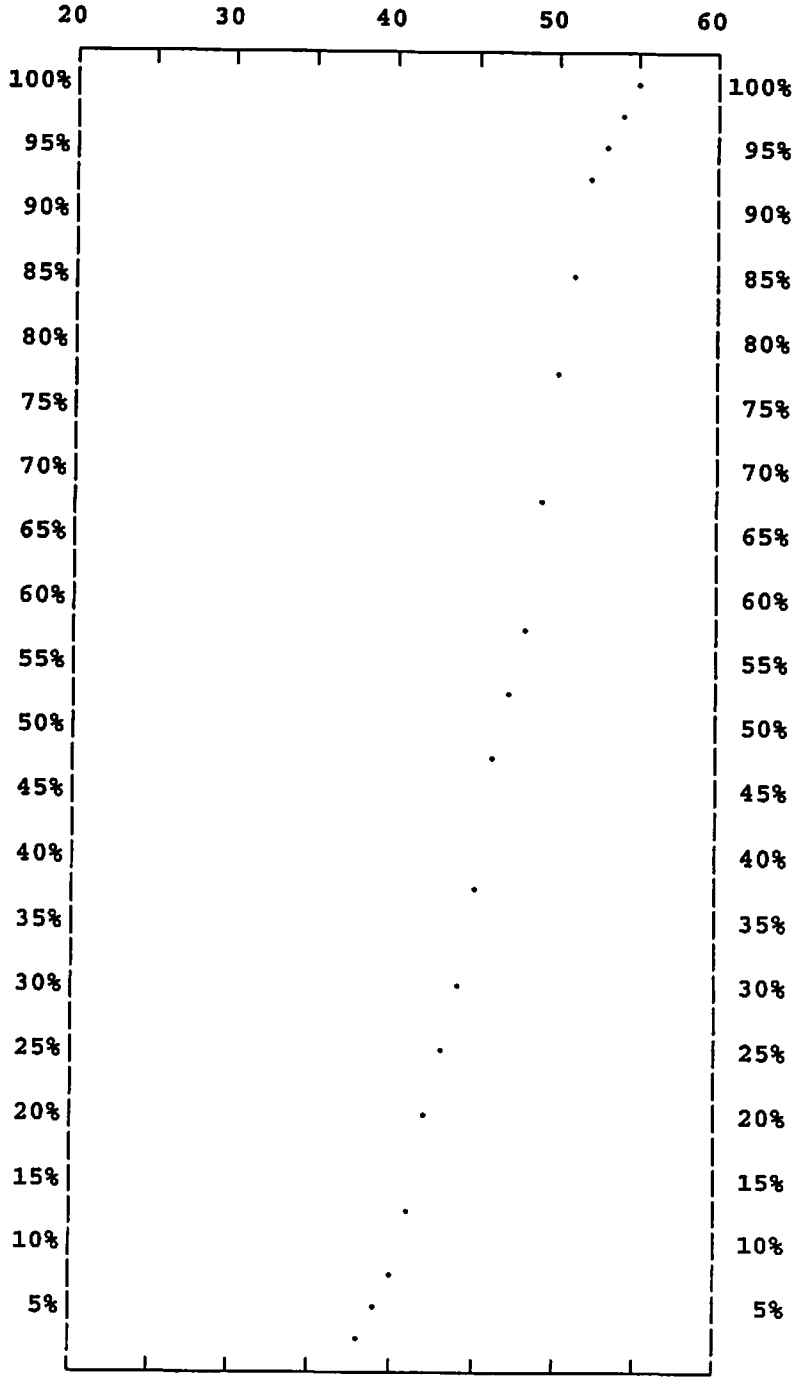
22	0	0.000	0.000
21	0	0.000	0.000



85 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	RIDGECREST MAHAN/DOWNS		
DIRECTION	TOTAL	15th PERCENTILE SPEED	41.24
DATE	10-17-08	50th PERCENTILE SPEED	45.00
DAY OF WEEK	Friday	85th PERCENTILE SPEED	49.80
TIME OF DAY	10:51AM - 11:51AM	95th PERCENTILE SPEED	51.77
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	33 TO 55
NUMBER OF LANES	2	10 MPH PACE SPEEDS	42 TO 51
DEVELOPMENT	OPEN	PERCENT IN PACE	78.95
WEATHER	CLEAR	CALCULATED MEAN	45.61
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.56
95% CONFIDENCE GAP	44.75 TO 46.47	SKEWNESS INDEX	-0.06

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	2	1.316	99.999
54	1	0.658	98.683
53	3	1.974	98.025
52	7	4.605	96.052
51	8	5.263	91.446
50	9	5.921	86.183
49	9	5.921	80.262
48	12	7.895	74.341
47	8	5.263	66.447
46	17	11.184	61.184
45	13	8.553	49.999
44	12	7.895	41.447
43	16	10.526	33.552
42	16	10.526	23.026
41	6	3.947	12.499
40	4	2.632	8.552
39	2	1.316	5.921
38	4	2.632	4.605
37	0	0.000	1.973
36	1	0.658	1.973
35	1	0.658	1.316
34	0	0.000	0.658
33	1	0.658	0.658
32	0	0.000	0.000
31	0	0.000	0.000
30	0	0.000	0.000
29	0	0.000	0.000
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
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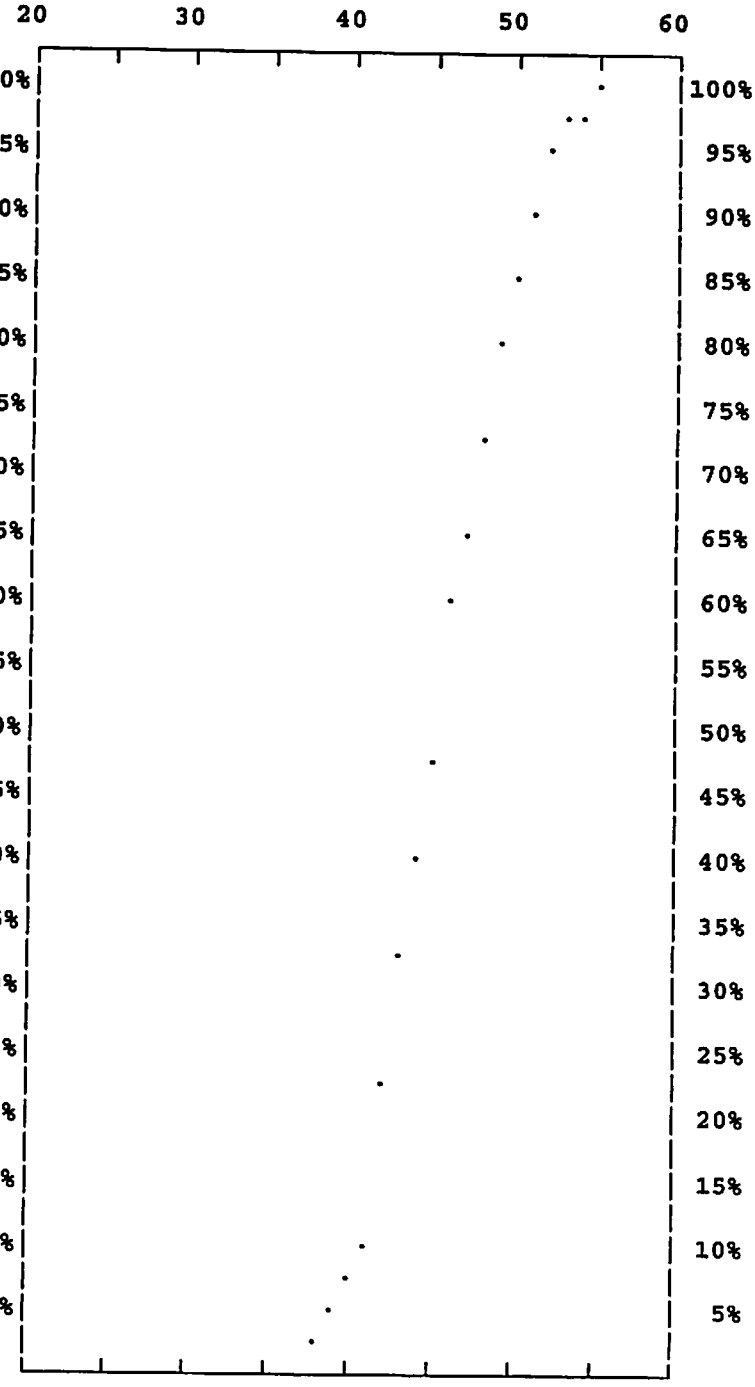
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



152 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION DOWNS RIDGECREST/UPJOHN

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	33.29
DATE	10-13-08	50th PERCENTILE SPEED	36.87
DAY OF WEEK	Monday	85th PERCENTILE SPEED	41.23
TIME OF DAY	02:40PM - 03:13PM	95th PERCENTILE SPEED	44.78
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	29 TO 50
NUMBER OF LANES	2	10 MPH PACE SPEEDS	32 TO 41
DEVELOPMENT	OPEN/RES/OMM	PERCENT IN PACE	79.61
WEATHER	CLEAR	CALCULATED MEAN	37.74
ROAD CONDITION	PAVED	STANDARD DEVIATION	4.82
95% CONFIDENCE GAP	37.10 TO 38.38	SKEWNESS INDEX	-0.15
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	206

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE NORTH 35mph SPEED LIMIT ON THE SOUTH 35mph

RECOMMENDATIONS _____

RECOMMENDED SPEED LIMIT 40mph BY RK DATE 11/19/08

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	DOWNS RIDGECREST/UPJOHN		
DIRECTION	NORTHBOUND	15th PERCENTILE SPEED	33.48
DATE	10-13-08	50th PERCENTILE SPEED	37.33
DAY OF WEEK	Monday	85th PERCENTILE SPEED	41.94
TIME OF DAY	02:40PM - 03:13PM	95th PERCENTILE SPEED	45.45
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	29 TO 50
NUMBER OF LANES	2	10 MPH PACE SPEEDS	33 TO 42
DEVELOPMENT	OPEN/RES/OMM	PERCENT IN PACE	78.43
WEATHER	CLEAR	CALCULATED MEAN	38.24
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.65
95% CONFIDENCE GAP	37.17 TO 39.30	SKEWNESS INDEX	-0.17

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	0	0.000	99.999
52	0	0.000	99.999
51	0	0.000	99.999
50	1	0.980	99.999
49	1	0.980	99.019
48	0	0.000	98.038
47	2	1.961	98.038
46	2	1.961	96.078
45	4	3.922	94.117
44	2	1.961	90.195
43	3	2.941	88.235
42	5	4.902	85.294
41	6	5.882	80.392
40	11	10.784	74.509
39	8	7.843	63.725
38	9	8.824	55.882
37	10	9.804	47.058
36	11	10.784	37.255
35	6	5.882	26.470
34	11	10.784	20.588
33	3	2.941	9.804
32	4	3.922	6.863
31	2	1.961	2.941
30	0	0.000	0.980
29	1	0.980	0.980
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
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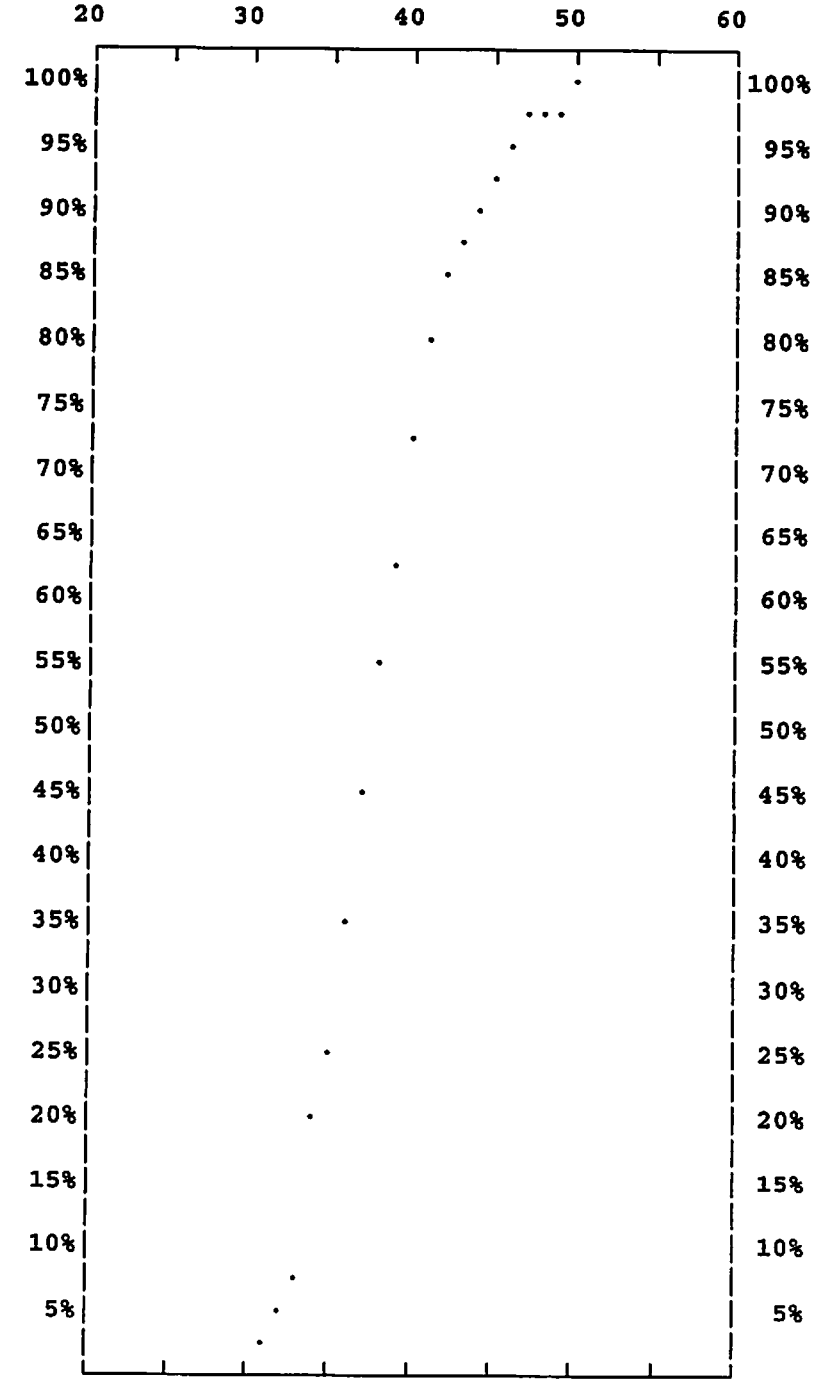
21	0	0.000	0.000



102 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	DOWNS RIDGECREST/UPJOHN		
DIRECTION	SOUTHBOUND	15th PERCENTILE SPEED	32.90
DATE	10-13-08	50th PERCENTILE SPEED	36.54
DAY OF WEEK	Monday	85th PERCENTILE SPEED	40.13
TIME OF DAY	02:40PM - 03:13PM	95th PERCENTILE SPEED	43.80
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	29 TO 49
NUMBER OF LANES	2	10 MPH PACE SPEEDS	31 TO 40
DEVELOPMENT	OPEN/RES/OMM	PERCENT IN PACE	81.73
WEATHER	CLEAR	CALCULATED MEAN	37.26
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.31
95% CONFIDENCE GAP	36.26 TO 38.25	SKEWNESS INDEX	-0.06

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	0	0.000	99.999
52	0	0.000	99.999
51	0	0.000	99.999
50	0	0.000	99.999
49	1	0.962	99.999
48	0	0.000	99.038
47	2	1.923	99.038
46	0	0.000	97.115
45	2	1.923	97.115
44	1	0.962	95.192
43	3	2.885	94.230
42	4	3.846	91.346
41	3	2.885	87.500
40	12	11.538	84.615
39	8	7.692	73.077
38	10	9.615	65.384
37	13	12.500	55.769
36	10	9.615	43.269
35	13	12.500	33.654
34	6	5.769	21.154
33	4	3.846	15.384
32	6	5.769	11.538
31	3	2.885	5.769
30	2	1.923	2.885
29	1	0.962	0.962
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
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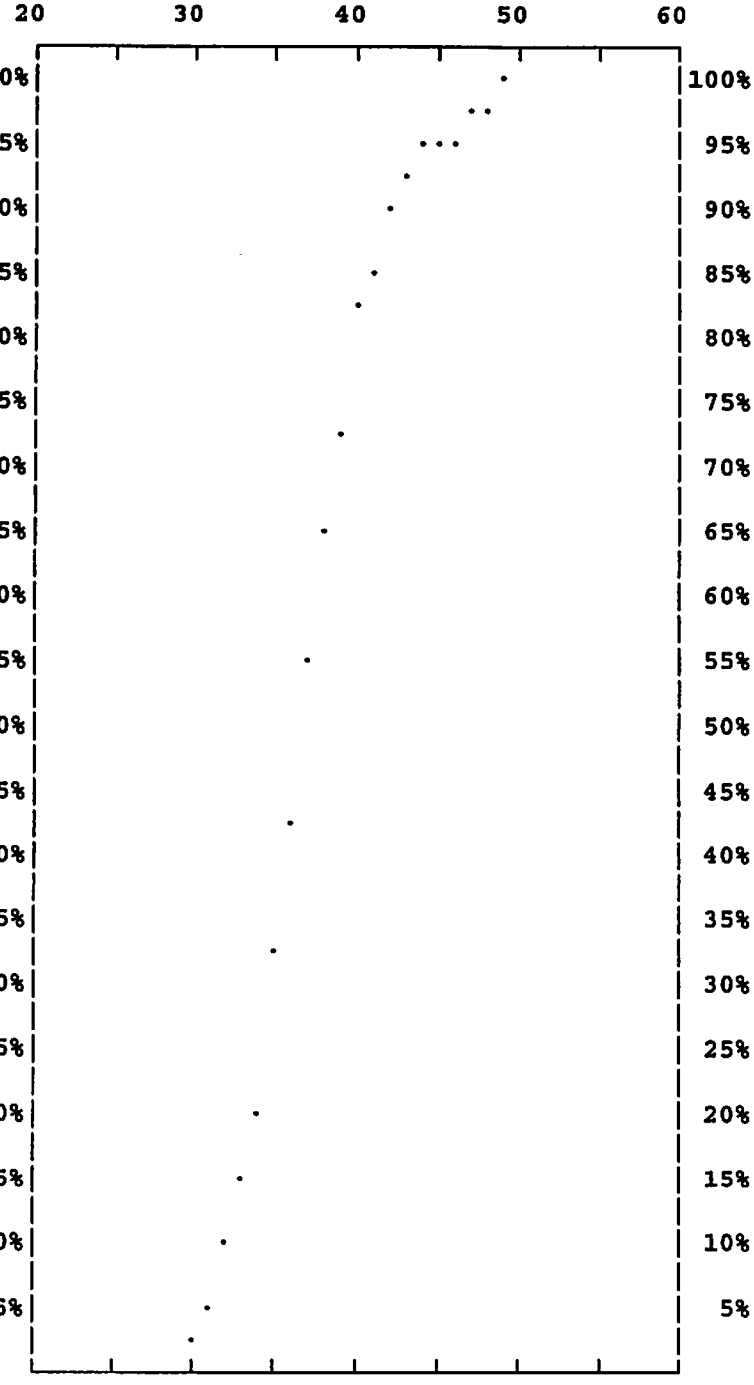
21	0	0.000	0.000



104 VEHICLES OBSERVED

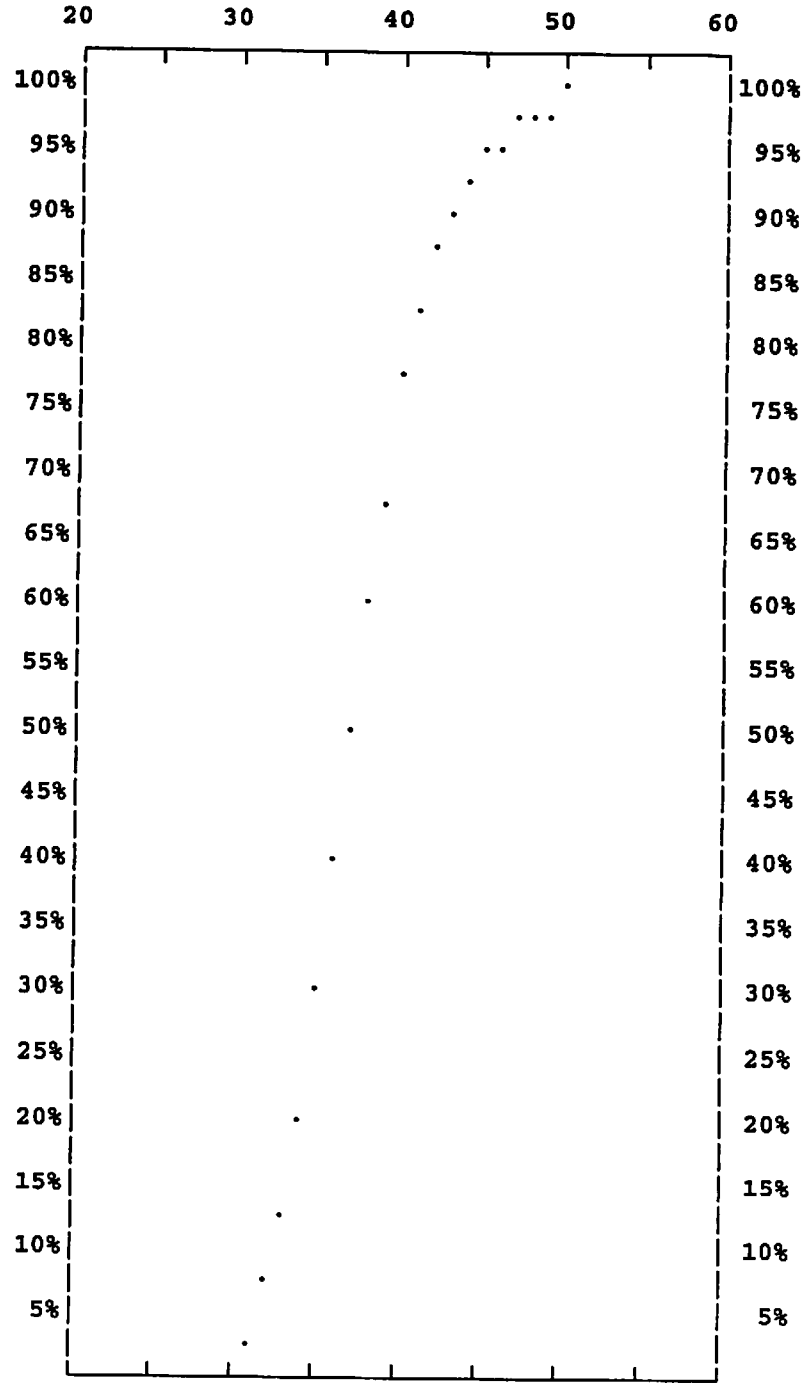
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	DOWNS RIDGECREST/UPJOHN		
DIRECTION	TOTAL	15th PERCENTILE SPEED	33.29
DATE	10-13-08	50th PERCENTILE SPEED	36.87
DAY OF WEEK	Monday	85th PERCENTILE SPEED	41.23
TIME OF DAY	02:40PM - 03:13PM	95th PERCENTILE SPEED	44.78
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	29 TO 50
NUMBER OF LANES	2	10 MPH PACE SPEEDS	32 TO 41
DEVELOPMENT	OPEN/RES/OMM	PERCENT IN PACE	79.61
WEATHER	CLEAR	CALCULATED MEAN	37.74
ROAD CONDITION	PAVED	STANDARD DEVIATION	4.82
95% CONFIDENCE GAP	37.10 TO 38.38	SKEWNESS INDEX	-0.15

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	0	0.000	99.999
52	0	0.000	99.999
51	0	0.000	99.999
50	1	0.485	99.999
49	2	0.971	99.514
48	0	0.000	98.543
47	4	1.942	98.543
46	2	0.971	96.601
45	6	2.913	95.630
44	3	1.456	92.718
43	6	2.913	91.261
42	9	4.369	88.349
41	9	4.369	83.980
40	23	11.165	79.611
39	16	7.767	68.446
38	19	9.223	60.679
37	23	11.165	51.456
36	21	10.194	40.291
35	19	9.223	30.097
34	17	8.252	20.873
33	7	3.398	12.621
32	10	4.854	9.223
31	5	2.427	4.369
30	2	0.971	1.942
29	2	0.971	0.971
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



206 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

21

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION CHINA LAKE RIDGECREST/UPJOHN

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	28.63
DATE	10-13-08	50th PERCENTILE SPEED	31.98
DAY OF WEEK	Monday	85th PERCENTILE SPEED	35.90
TIME OF DAY	11:19AM - 11:46AM	95th PERCENTILE SPEED	38.73
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	23 TO 43
NUMBER OF LANES	4	10 MPH PACE SPEEDS	28 TO 37
DEVELOPMENT	COMMERCIAL	PERCENT IN PACE	82.13
WEATHER	CLEAR	CALCULATED MEAN	32.67
ROAD CONDITION	PAVED	STANDARD DEVIATION	4.38
95% CONFIDENCE GAP	32.09 TO 33.25	SKEWNESS INDEX	-0.06
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	207

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE NORTH 35mph SPEED LIMIT ON THE SOUTH 35mph

RECOMMENDATIONS _____

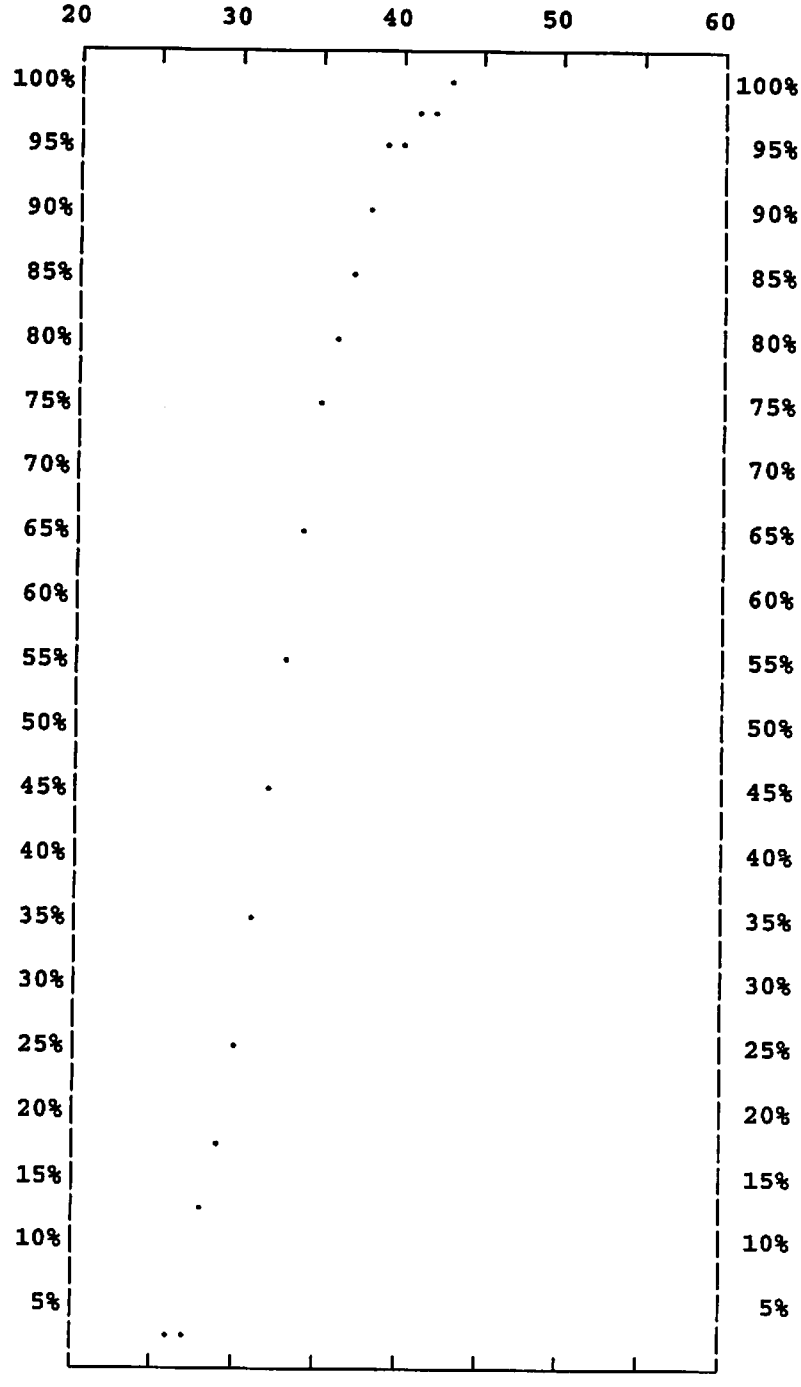
RECOMMENDED SPEED LIMIT 35mph BY RK DATE 11/13/08

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	CHINA LAKE RIDGECREST/UPJOHN		
DIRECTION	NORTHBOUND	15th PERCENTILE SPEED	28.46
DATE	10-13-08	50th PERCENTILE SPEED	32.45
DAY OF WEEK	Monday	85th PERCENTILE SPEED	36.54
TIME OF DAY	11:19AM - 11:46AM	95th PERCENTILE SPEED	38.97
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	24 TO 43
NUMBER OF LANES	4	10 MPH PACE SPEEDS	28 TO 37
DEVELOPMENT	COMMERCIAL	PERCENT IN PACE	82.35
WEATHER	CLEAR	CALCULATED MEAN	33.00
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.04
95% CONFIDENCE GAP	32.05 TO 33.95	SKEWNESS INDEX	-0.06

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	0	0.000	99.999
52	0	0.000	99.999
51	0	0.000	99.999
50	0	0.000	99.999
49	0	0.000	99.999
48	0	0.000	99.999
47	0	0.000	99.999
46	0	0.000	99.999
45	0	0.000	99.999
44	0	0.000	99.999
43	1	0.980	99.999
42	0	0.000	99.019
41	3	2.941	99.019
40	1	0.980	96.078
39	3	2.941	95.097
38	5	4.902	92.156
37	5	4.902	87.254
36	7	6.863	82.352
35	10	9.804	75.490
34	10	9.804	65.686
33	11	10.784	55.882
32	9	8.824	45.098
31	9	8.824	36.274
30	10	9.804	27.451
29	5	4.902	17.647
28	8	7.843	12.745
27	0	0.000	4.902
26	3	2.941	4.902
25	1	0.980	1.961
24	1	0.980	0.980
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



102 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

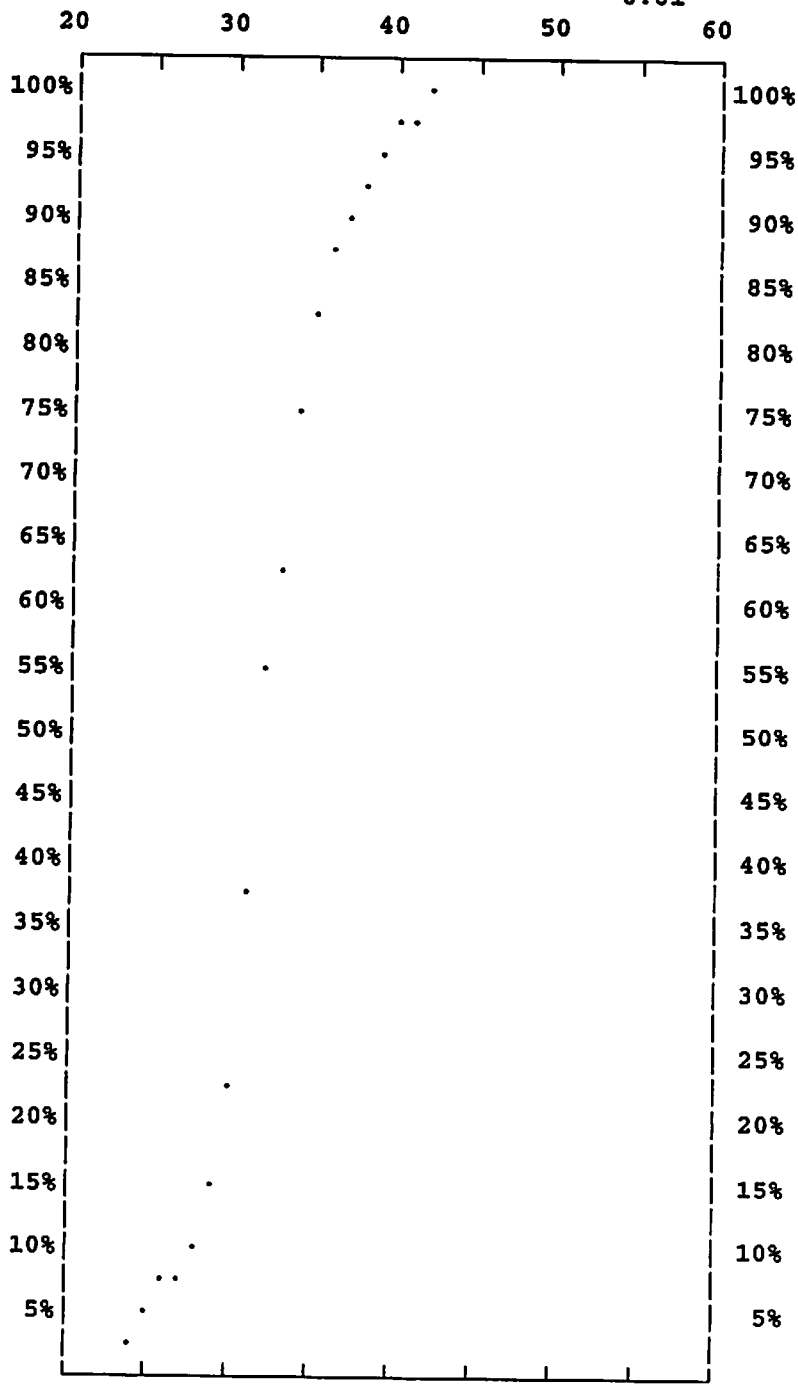
RADAR SURVEY STATISTICS

CITY	RIDGECREST
LOCATION	CHINA LAKE RIDGECREST/UPJOHN
DIRECTION	SOUTHBOUND
DATE	10-13-08
DAY OF WEEK	Monday
TIME OF DAY	11:19AM - 11:46AM
POSTED SPEED LIMIT	35
NUMBER OF LANES	4
DEVELOPMENT	COMMERCIAL
WEATHER	CLEAR
ROAD CONDITION	PAVED
95% CONFIDENCE GAP	31.45 TO 33.25
PERFORMED BY	:G CRON

15th PERCENTILE SPEED	28.92
50th PERCENTILE SPEED	31.69
85th PERCENTILE SPEED	35.06
95th PERCENTILE SPEED	38.38
RANGE OF SPEEDS	23 TO 42
10 MPH PACE SPEEDS	28 TO 37
PERCENT IN PACE	81.90
CALCULATED MEAN	32.35
STANDARD DEVIATION	4.84
SKEWNESS INDEX	0.01

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	0	0.000	99.999
52	0	0.000	99.999
51	0	0.000	99.999
50	0	0.000	99.999
49	0	0.000	99.999
48	0	0.000	99.999
47	0	0.000	99.999
46	0	0.000	99.999
45	0	0.000	99.999
44	0	0.000	99.999
43	0	0.000	99.999
42	1	0.952	99.999
41	0	0.000	99.047
40	3	2.857	99.047
39	2	1.905	96.190
38	3	2.857	94.285
37	3	2.857	91.428
36	4	3.810	88.571
35	10	9.524	84.761
34	11	10.476	75.237
33	10	9.524	64.761
32	18	17.143	55.238
31	16	15.238	38.095
30	8	7.619	22.857
29	3	2.857	15.238
28	3	2.857	12.381
27	2	1.905	9.524
26	2	1.905	7.619
25	3	2.857	5.714
24	1	0.952	2.857
23	2	1.905	1.905
22	0	0.000	0.000
21	0	0.000	0.000

105 VEHICLES OBSERVED



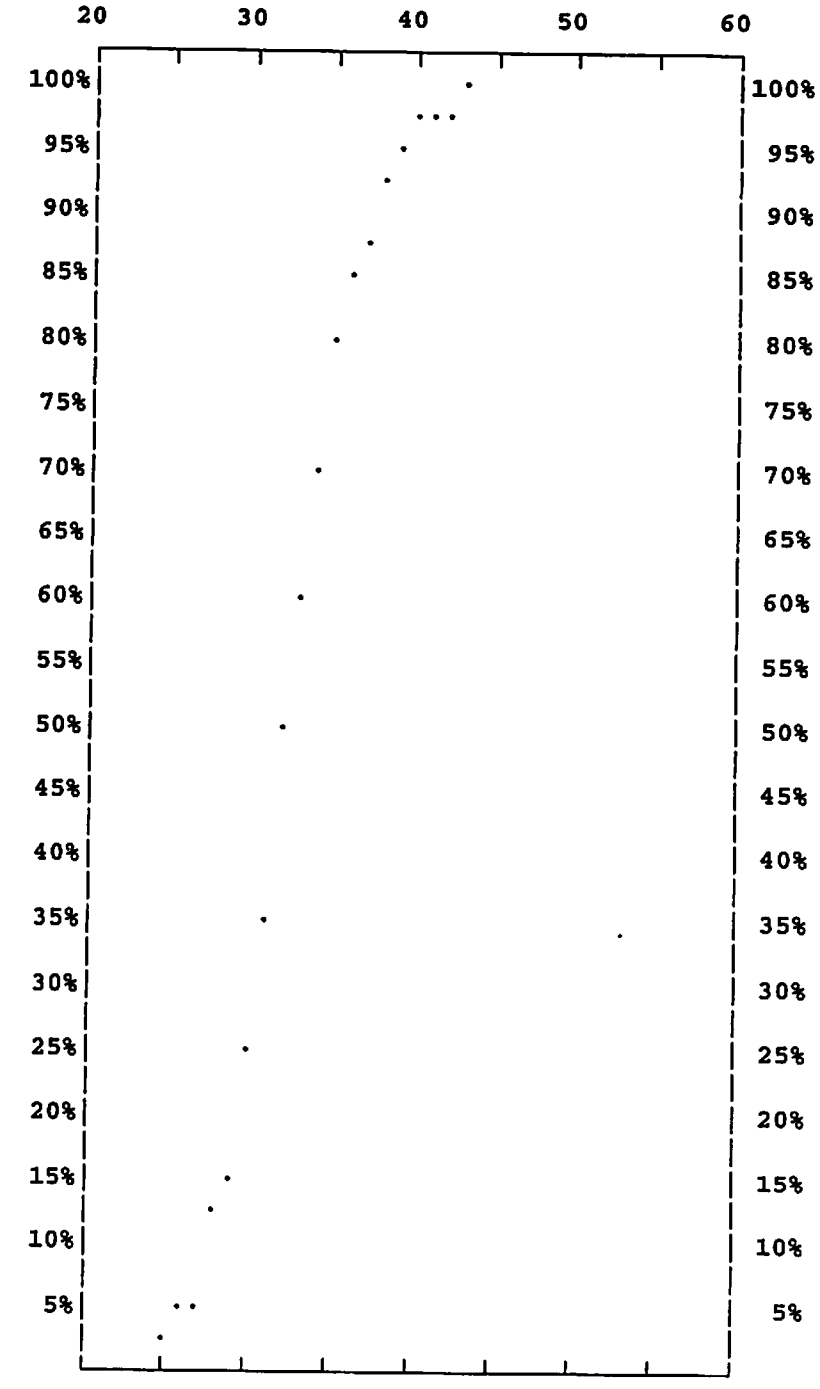
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	CHINA LAKE RIDGECREST/UPJOHN		
DIRECTION	TOTAL	15th PERCENTILE SPEED	28.63
DATE	10-13-08	50th PERCENTILE SPEED	31.98
DAY OF WEEK	Monday	85th PERCENTILE SPEED	35.90
TIME OF DAY	11:19AM - 11:46AM	95th PERCENTILE SPEED	38.73
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	23 TO 43
NUMBER OF LANES	4	10 MPH PACE SPEEDS	28 TO 37
DEVELOPMENT	COMMERCIAL	PERCENT IN PACE	82.13
WEATHER	CLEAR	CALCULATED MEAN	32.67
ROAD CONDITION	PAVED	STANDARD DEVIATION	4.38
95% CONFIDENCE GAP	32.09 TO 33.25	SKEWNESS INDEX	-0.06

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	0	0.000	99.999
52	0	0.000	99.999
51	0	0.000	99.999
50	0	0.000	99.999
49	0	0.000	99.999
48	0	0.000	99.999
47	0	0.000	99.999
46	0	0.000	99.999
45	0	0.000	99.999
44	0	0.000	99.999
43	1	0.483	99.999
42	1	0.483	99.516
41	3	1.449	99.033
40	4	1.932	97.584
39	5	2.415	95.651
38	8	3.865	93.236
37	8	3.865	89.371
36	11	5.314	85.507
35	20	9.662	80.193
34	21	10.145	70.531
33	21	10.145	60.386
32	27	13.043	50.241
31	25	12.077	37.198
30	18	8.696	25.120
29	8	3.865	16.425
28	11	5.314	12.560
27	2	0.966	7.246
26	5	2.415	6.280
25	4	1.932	3.865
24	2	0.966	1.932
23	2	0.966	0.966
22	0	0.000	0.000
21	0	0.000	0.000



207 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION CHINA LAKE UPJOHN/BOWMAN

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	30.28
DATE	10-13-08	50th PERCENTILE SPEED	34.04
DAY OF WEEK	Monday	85th PERCENTILE SPEED	37.86
TIME OF DAY	10:53AM - 11:17AM	95th PERCENTILE SPEED	40.12
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	26 TO 51
NUMBER OF LANES	4	10 MPH PACE SPEEDS	30 TO 39
DEVELOPMENT	COMMERCIAL	PERCENT IN PACE	81.55
WEATHER	CLEAR	CALCULATED MEAN	34.60
ROAD CONDITION	PAVED	STANDARD DEVIATION	4.45
95% CONFIDENCE GAP	34.00 TO 35.19	SKEWNESS INDEX	0.00
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	206

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE NORTH 35mph SPEED LIMIT ON THE SOUTH 35mph

RECOMMENDATIONS It is recommended to maintain Speed limit of 35mph for consistency.

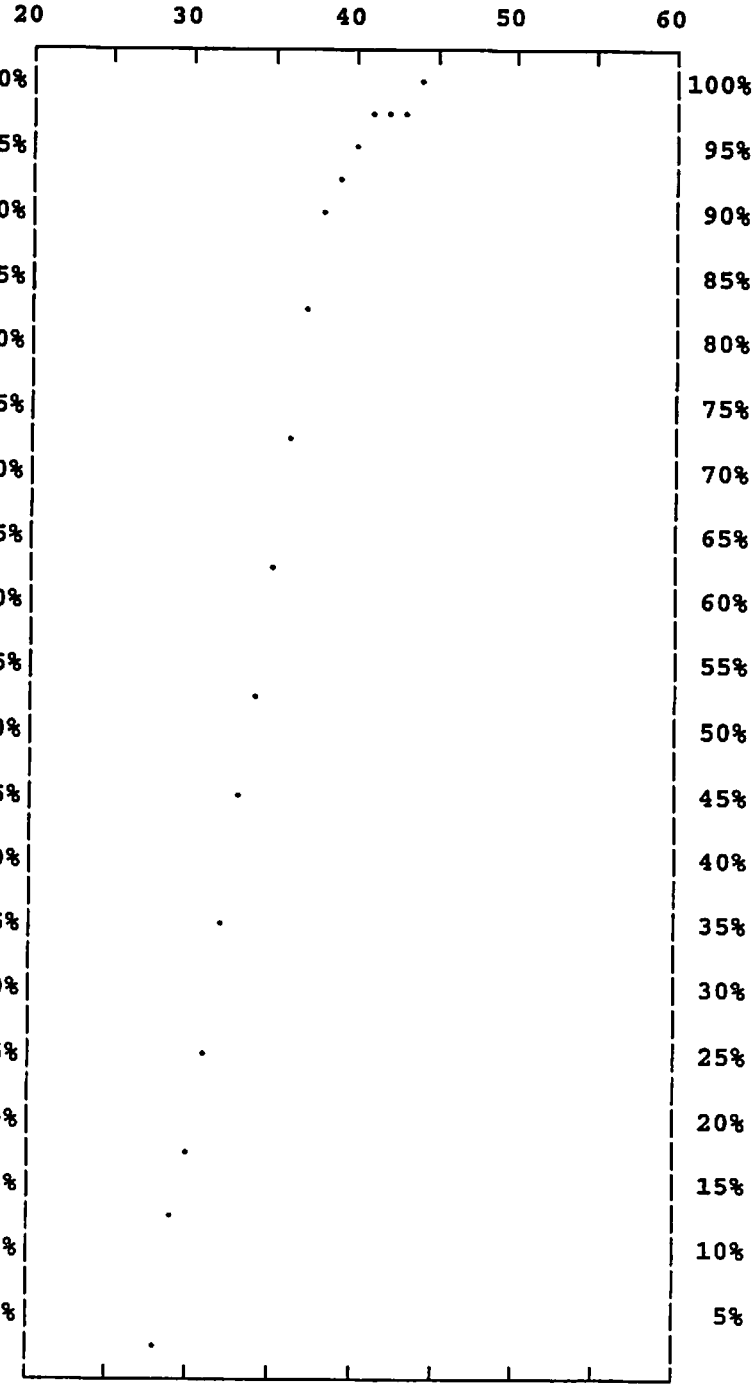
RECOMMENDED SPEED LIMIT 35mph BY RK DATE 11/19/08

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	CHINA LAKE UPJOHN/BOWMAN		
DIRECTION	NORTHBOUND	15th PERCENTILE SPEED	29.46
DATE	10-13-08	50th PERCENTILE SPEED	33.56
DAY OF WEEK	Monday	85th PERCENTILE SPEED	37.10
TIME OF DAY	10:53AM - 11:17AM	95th PERCENTILE SPEED	39.45
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	26 TO 44
NUMBER OF LANES	4	10 MPH PACE SPEEDS	29 TO 38
DEVELOPMENT	COMMERCIAL	PERCENT IN PACE	86.27
WEATHER	CLEAR	CALCULATED MEAN	34.04
ROAD CONDITION	PAVED	STANDARD DEVIATION	4.90
95% CONFIDENCE GAP	33.11 TO 34.97	SKEWNESS INDEX	0.02

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	0	0.000	99.999
52	0	0.000	99.999
51	0	0.000	99.999
50	0	0.000	99.999
49	0	0.000	99.999
48	0	0.000	99.999
47	0	0.000	99.999
46	0	0.000	99.999
45	0	0.000	99.999
44	1	0.980	99.999
43	0	0.000	99.019
42	0	0.000	99.019
41	3	2.941	99.019
40	2	1.961	96.078
39	3	2.941	94.117
38	7	6.863	91.176
37	11	10.784	84.313
36	11	10.784	73.529
35	9	8.824	62.745
34	9	8.824	53.921
33	10	9.804	45.098
32	10	9.804	35.294
31	8	7.843	25.490
30	5	4.902	17.647
29	8	7.843	12.745
28	4	3.922	4.902
27	0	0.000	0.980
26	1	0.980	0.980
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



102 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

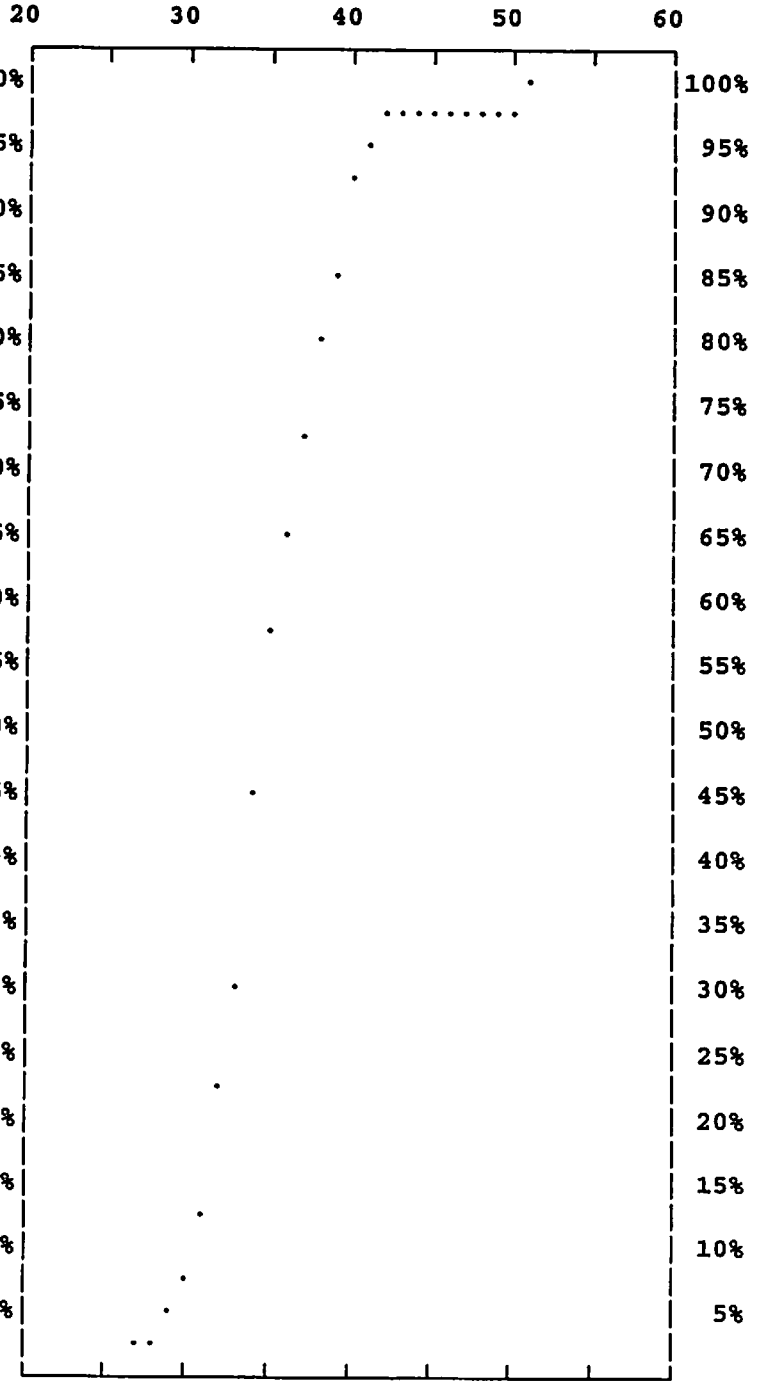
RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	CHINA LAKE UPJOHN/BOWMAN		
DIRECTION	SOUTHBOUND	15th PERCENTILE SPEED	31.07
DATE	10-13-08	50th PERCENTILE SPEED	34.33
DAY OF WEEK	Monday	85th PERCENTILE SPEED	38.63
TIME OF DAY	10:53AM - 11:17AM	95th PERCENTILE SPEED	40.60
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	26 TO 51
NUMBER OF LANES	4	10 MPH PACE SPEEDS	31 TO 40
DEVELOPMENT	COMMERCIAL	PERCENT IN PACE	84.62
WEATHER	CLEAR	CALCULATED MEAN	35.14
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.18
95% CONFIDENCE GAP	34.17 TO 36.12	SKEWNESS INDEX	-0.07

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	0	0.000	99.999
52	0	0.000	99.999
51	1	0.962	99.999
50	0	0.000	99.038
49	0	0.000	99.038
48	0	0.000	99.038
47	0	0.000	99.038
46	0	0.000	99.038
45	0	0.000	99.038
44	0	0.000	99.038
43	1	0.962	99.038
42	2	1.923	98.076
41	3	2.885	96.153
40	6	5.769	93.269
39	7	6.731	87.499
38	7	6.731	80.769
37	8	7.692	74.038
36	7	6.731	66.346
35	15	14.423	59.615
34	14	13.462	45.192
33	9	8.654	31.730
32	9	8.654	23.077
31	6	5.769	14.423
30	3	2.885	8.654
29	1	0.962	5.769
28	2	1.923	4.808
27	2	1.923	2.885
26	1	0.962	0.962
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000

104 VEHICLES OBSERVED



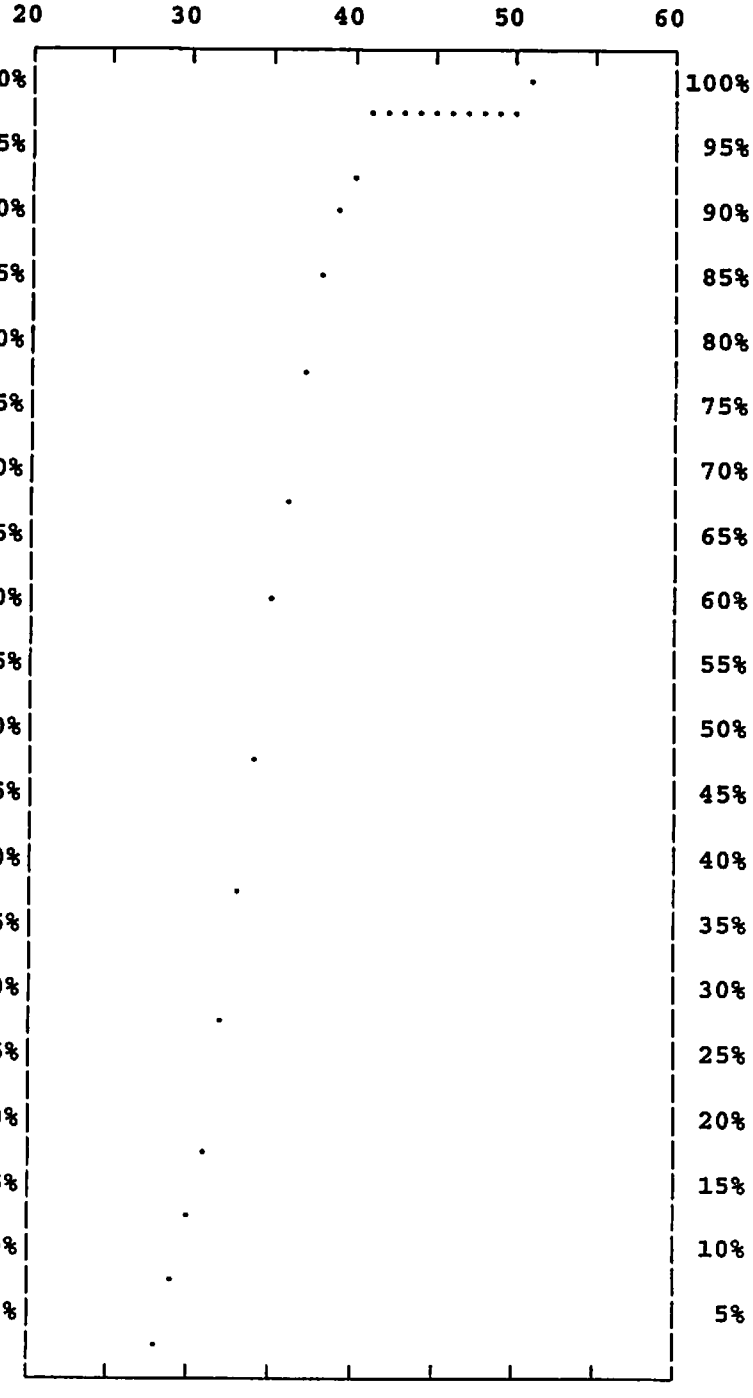
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	CHINA LAKE UPJOHN/BOWMAN		
DIRECTION	TOTAL	15th PERCENTILE SPEED	30.28
DATE	10-13-08	50th PERCENTILE SPEED	34.04
DAY OF WEEK	Monday	85th PERCENTILE SPEED	37.86
TIME OF DAY	10:53AM - 11:17AM	95th PERCENTILE SPEED	40.12
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	26 TO 51
NUMBER OF LANES	4	10 MPH PACE SPEEDS	30 TO 39
DEVELOPMENT	COMMERCIAL	PERCENT IN PACE	81.55
WEATHER	CLEAR	CALCULATED MEAN	34.60
ROAD CONDITION	PAVED	STANDARD DEVIATION	4.45
95% CONFIDENCE GAP	34.00 TO 35.19	SKEWNESS INDEX	0.00

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	0	0.000	99.999
52	0	0.000	99.999
51	1	0.485	99.999
50	0	0.000	99.514
49	0	0.000	99.514
48	0	0.000	99.514
47	0	0.000	99.514
46	0	0.000	99.514
45	0	0.000	99.514
44	1	0.485	99.514
43	1	0.485	99.028
42	2	0.971	98.543
41	6	2.913	97.572
40	8	3.883	94.660
39	10	4.854	90.776
38	14	6.796	85.922
37	19	9.223	79.126
36	18	8.738	69.902
35	24	11.650	61.165
34	23	11.165	49.514
33	19	9.223	38.349
32	19	9.223	29.126
31	14	6.796	19.903
30	8	3.883	13.107
29	9	4.369	9.223
28	6	2.913	4.854
27	2	0.971	1.942
26	2	0.971	0.971
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



206 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION DOWNS UPJOHN/BOWMAN

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	37.68
DATE	10-13-08	50th PERCENTILE SPEED	42.94
DAY OF WEEK	Monday	85th PERCENTILE SPEED	48.53
TIME OF DAY	03:15PM - 03:49PM	95th PERCENTILE SPEED	52.60
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	30 TO 60
NUMBER OF LANES	4	10 MPH PACE SPEEDS	38 TO 47
DEVELOPMENT	OPEN	PERCENT IN PACE	67.92
WEATHER	CLEAR	CALCULATED MEAN	43.69
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.12
95% CONFIDENCE GAP	42.89 TO 44.50	SKEWNESS INDEX	-0.07
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	212

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE NORTH 35mph SPEED LIMIT ON THE SOUTH 45mph

RECOMMENDATIONS It is recommend to maintain current speed limit of 45 mph.

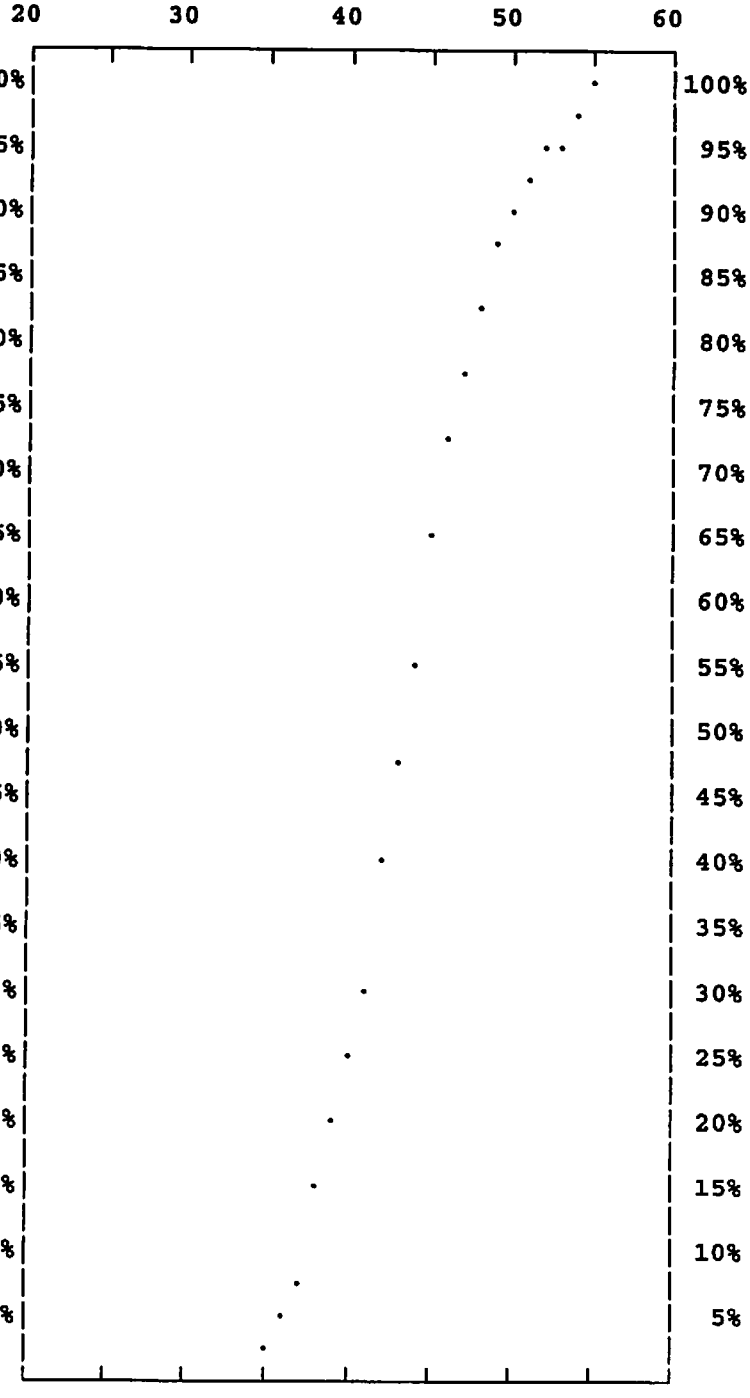
RECOMMENDED SPEED LIMIT 45mph BY RK DATE 11/19/08

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	DOWNS UPJOHN/BOWMAN		
DIRECTION	NORTHBOUND	15th PERCENTILE SPEED	37.79
DATE	10-13-08	50th PERCENTILE SPEED	43.14
DAY OF WEEK	Monday	85th PERCENTILE SPEED	48.18
TIME OF DAY	03:15PM - 03:49PM	95th PERCENTILE SPEED	51.90
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	33 TO 55
NUMBER OF LANES	4	10 MPH PACE SPEEDS	38 TO 47
DEVELOPMENT	OPEN	PERCENT IN PACE	70.59
WEATHER	CLEAR	CALCULATED MEAN	43.71
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.47
95% CONFIDENCE GAP	42.48 TO 44.93	SKEWNESS INDEX	-0.03

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	1	0.980	99.999
54	3	2.941	99.018
53	1	0.980	96.077
52	1	0.980	95.097
51	3	2.941	94.117
50	3	2.941	91.176
49	4	3.922	88.234
48	5	4.902	84.313
47	6	5.882	79.411
46	7	6.863	73.529
45	11	10.784	66.666
44	7	6.863	55.882
43	9	8.824	49.019
42	8	7.843	40.196
41	7	6.863	32.352
40	5	4.902	25.490
39	4	3.922	20.588
38	8	7.843	16.666
37	2	1.961	8.823
36	3	2.941	6.863
35	3	2.941	3.921
34	0	0.000	0.980
33	1	0.980	0.980
32	0	0.000	0.000
31	0	0.000	0.000
30	0	0.000	0.000
29	0	0.000	0.000
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



102 VEHICLES OBSERVED

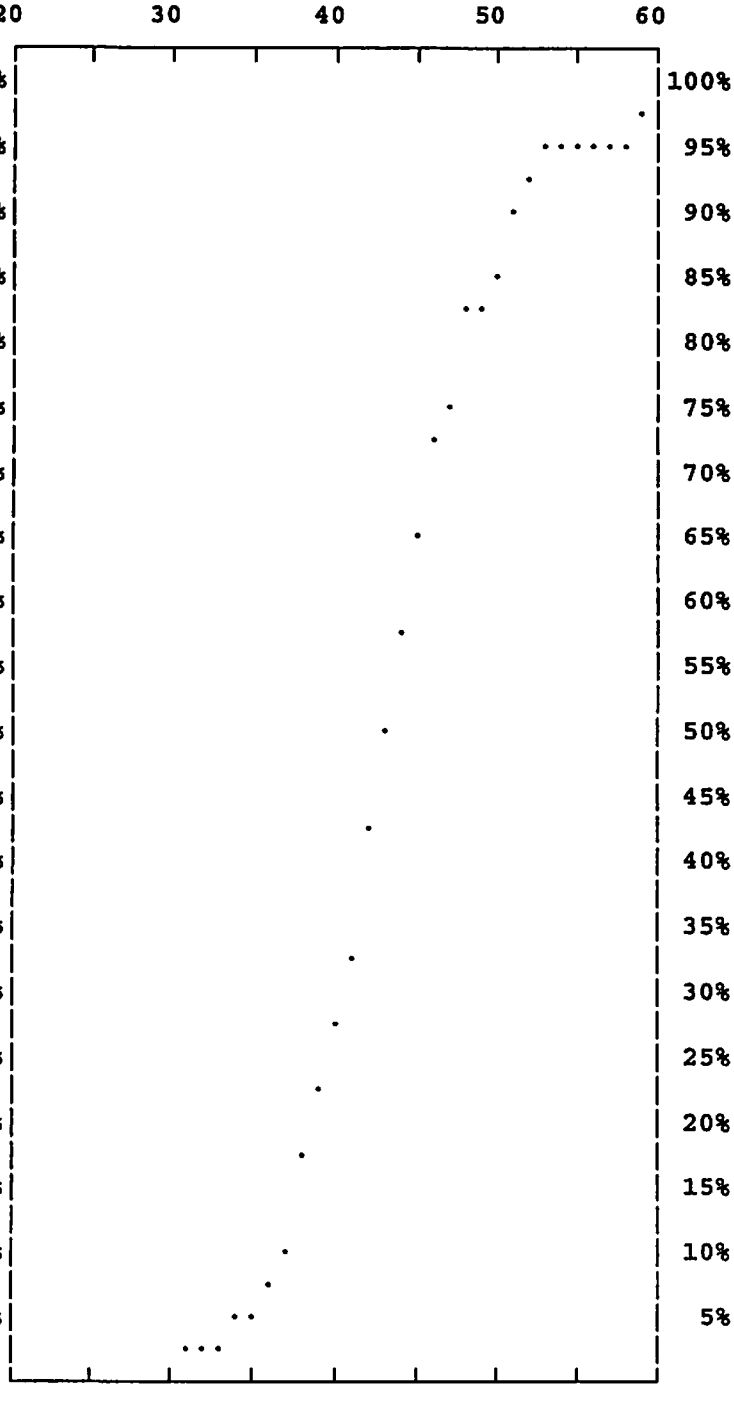
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	DOWNS UPJOHN/BOWMAN		
DIRECTION	SOUTHBOUND	15th PERCENTILE SPEED	37.56
DATE	10-13-08	50th PERCENTILE SPEED	42.78
DAY OF WEEK	Monday	85th PERCENTILE SPEED	49.17
TIME OF DAY	03:15PM - 03:49PM	95th PERCENTILE SPEED	52.83
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	30 TO 60
NUMBER OF LANES	4	10 MPH PACE SPEEDS	38 TO 47
DEVELOPMENT	OPEN	PERCENT IN PACE	65.45
WEATHER	CLEAR	CALCULATED MEAN	43.68
ROAD CONDITION	PAVED	STANDARD DEVIATION	7.16
95% CONFIDENCE GAP	42.38 TO 44.99	SKEWNESS INDEX	-0.13

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %	
60	2	1.818	99.998	100%
59	1	0.909	98.180	
58	0	0.000	97.271	95%
57	0	0.000	97.271	
56	1	0.909	97.271	90%
55	0	0.000	96.362	
54	1	0.909	96.362	85%
53	3	2.727	95.453	
52	1	0.909	92.726	80%
51	5	4.545	91.817	
50	3	2.727	87.272	75%
49	2	1.818	84.545	
48	7	6.364	82.726	70%
47	4	3.636	76.363	
46	7	6.364	72.727	65%
45	7	6.364	66.363	
44	9	8.182	59.999	60%
43	9	8.182	51.818	
42	11	10.000	43.636	55%
41	6	5.455	33.636	
40	5	4.545	28.181	50%
39	6	5.455	23.636	
38	8	7.273	18.181	45%
37	3	2.727	10.909	
36	3	2.727	8.181	40%
35	0	0.000	5.454	
34	2	1.818	5.454	35%
33	1	0.909	3.636	
32	0	0.000	2.727	30%
31	2	1.818	2.727	
30	1	0.909	0.909	25%
29	0	0.000	0.000	
28	0	0.000	0.000	20%
27	0	0.000	0.000	
26	0	0.000	0.000	15%
25	0	0.000	0.000	
24	0	0.000	0.000	10%
23	0	0.000	0.000	
22	0	0.000	0.000	5%
21	0	0.000	0.000	



110 VEHICLES OBSERVED

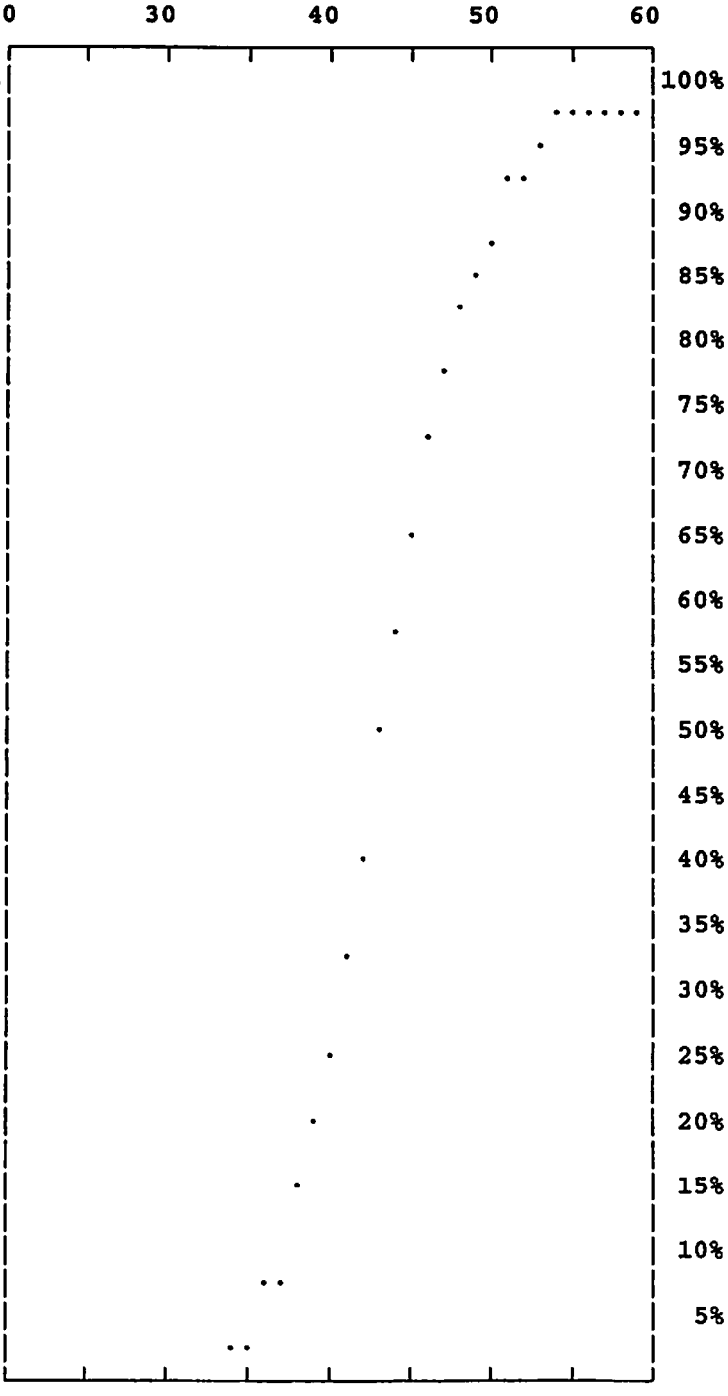
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	DOWNS UPJOHN/BOWMAN		
DIRECTION	TOTAL	15th PERCENTILE SPEED	37.68
DATE	10-13-08	50th PERCENTILE SPEED	42.94
DAY OF WEEK	Monday	85th PERCENTILE SPEED	48.53
TIME OF DAY	03:15PM - 03:49PM	95th PERCENTILE SPEED	52.60
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	30 TO 60
NUMBER OF LANES	4	10 MPH PACE SPEEDS	38 TO 47
DEVELOPMENT	OPEN	PERCENT IN PACE	67.92
WEATHER	CLEAR	CALCULATED MEAN	43.69
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.12
95% CONFIDENCE GAP	42.89 TO 44.50	SKEWNESS INDEX	-0.07

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %	
60	2	0.943	99.998	100%
59	1	0.472	99.054	
58	0	0.000	98.583	95%
57	0	0.000	98.583	
56	1	0.472	98.583	90%
55	1	0.472	98.111	
54	4	1.887	97.640	85%
53	4	1.887	95.753	
52	2	0.943	93.866	80%
51	8	3.774	92.923	
50	6	2.830	89.149	75%
49	6	2.830	86.319	
48	12	5.660	83.489	70%
47	10	4.717	77.829	
46	14	6.604	73.112	65%
45	18	8.491	66.508	
44	16	7.547	58.018	60%
43	18	8.491	50.471	
42	19	8.962	41.980	55%
41	13	6.132	33.018	
40	10	4.717	26.886	50%
39	10	4.717	22.169	
38	16	7.547	17.452	45%
37	5	2.358	9.905	
36	6	2.830	7.547	40%
35	3	1.415	4.717	
34	2	0.943	3.302	35%
33	2	0.943	2.358	
32	0	0.000	1.415	30%
31	2	0.943	1.415	
30	1	0.472	0.472	25%
29	0	0.000	0.000	
28	0	0.000	0.000	20%
27	0	0.000	0.000	
26	0	0.000	0.000	15%
25	0	0.000	0.000	
24	0	0.000	0.000	10%
23	0	0.000	0.000	
22	0	0.000	0.000	5%
21	0	0.000	0.000	



212 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

(24)

\SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION DOWNS BOWMAN/DOLPHIN

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	38.37
DATE	10-13-08	50th PERCENTILE SPEED	43.82
DAY OF WEEK	Monday	85th PERCENTILE SPEED	48.53
TIME OF DAY	03:51PM - 04:34PM	95th PERCENTILE SPEED	51.87
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	29 TO 59
NUMBER OF LANES	4	10 MPH PACE SPEEDS	41 TO 50
DEVELOPMENT	RES/OPEN	PERCENT IN PACE	70.74
WEATHER	CLEAR	CALCULATED MEAN	44.12
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.92
95% CONFIDENCE GAP	43.29 TO 44.94	SKEWNESS INDEX	0.09
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	188

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE NORTH <45mph SPEED LIMIT ON THE SOUTH <45mph

RECOMMENDATIONS It is recommended to maintain current speed limit of 45mph for consistency.

RECOMMENDED SPEED LIMIT <45mph BY RK DATE 11/10/08

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	DOWNS BOWMAN/DOLPHIN		
DIRECTION	NORTHBOUND	15th PERCENTILE SPEED	38.55
DATE	10-13-08	50th PERCENTILE SPEED	43.55
DAY OF WEEK	Monday	85th PERCENTILE SPEED	48.45
TIME OF DAY	03:51PM - 04:34PM	95th PERCENTILE SPEED	50.30
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	35 TO 54
NUMBER OF LANES	4	10 MPH PACE SPEEDS	39 TO 48
DEVELOPMENT	RES/OPEN	PERCENT IN PACE	70.45
WEATHER	CLEAR	CALCULATED MEAN	43.90
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.53
95% CONFIDENCE GAP	42.57 TO 45.23	SKEWNESS INDEX	0.05

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	2	2.273	99.999
53	1	1.136	97.727
52	0	0.000	96.590
51	2	2.273	96.590
50	6	6.818	94.318
49	4	4.545	87.499
48	5	5.682	82.954
47	7	7.955	77.272
46	5	5.682	69.318
45	7	7.955	63.636
44	11	12.500	55.681
43	1	1.136	43.181
42	8	9.091	42.045
41	8	9.091	32.954
40	6	6.818	23.863
39	4	4.545	17.045
38	4	4.545	12.500
37	2	2.273	7.954
36	2	2.273	5.682
35	3	3.409	3.409
34	0	0.000	0.000
33	0	0.000	0.000
32	0	0.000	0.000
31	0	0.000	0.000
30	0	0.000	0.000
29	0	0.000	0.000
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
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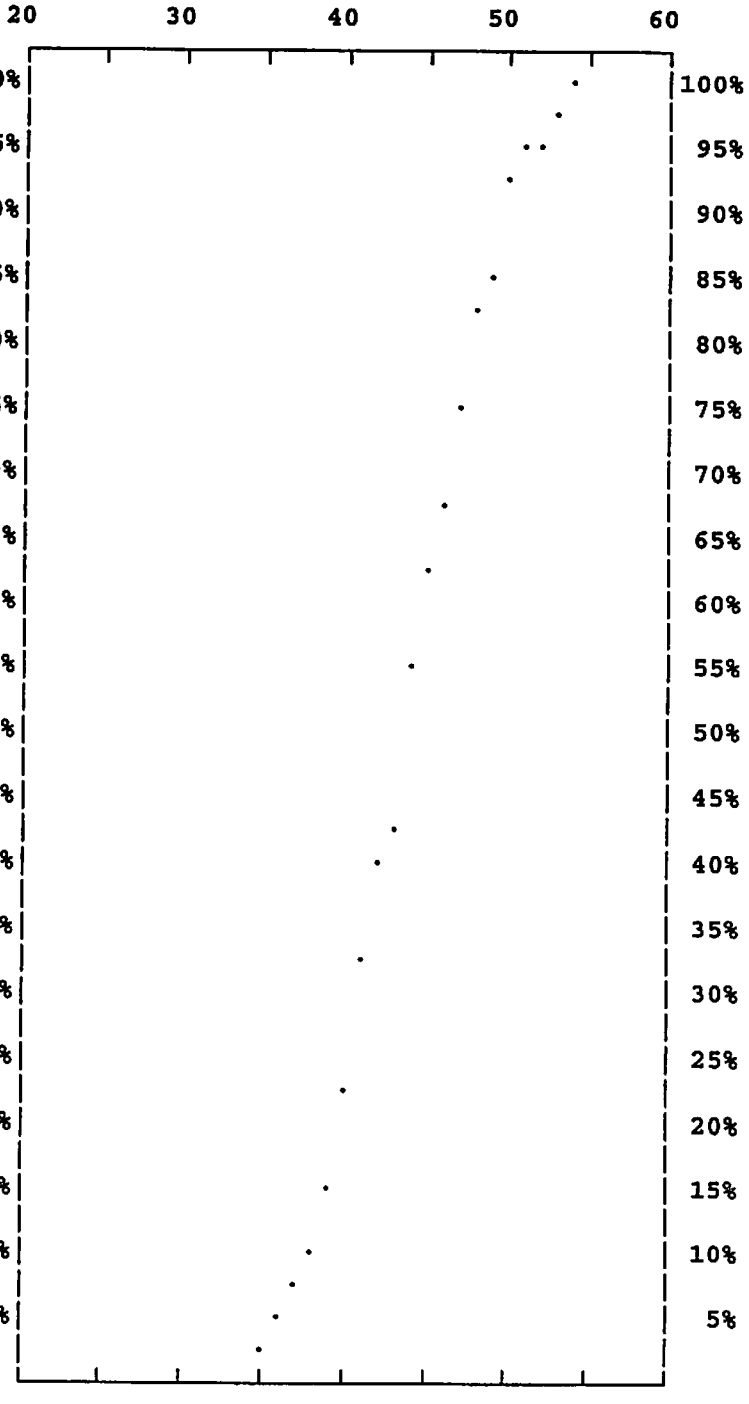
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



88 VEHICLES OBSERVED

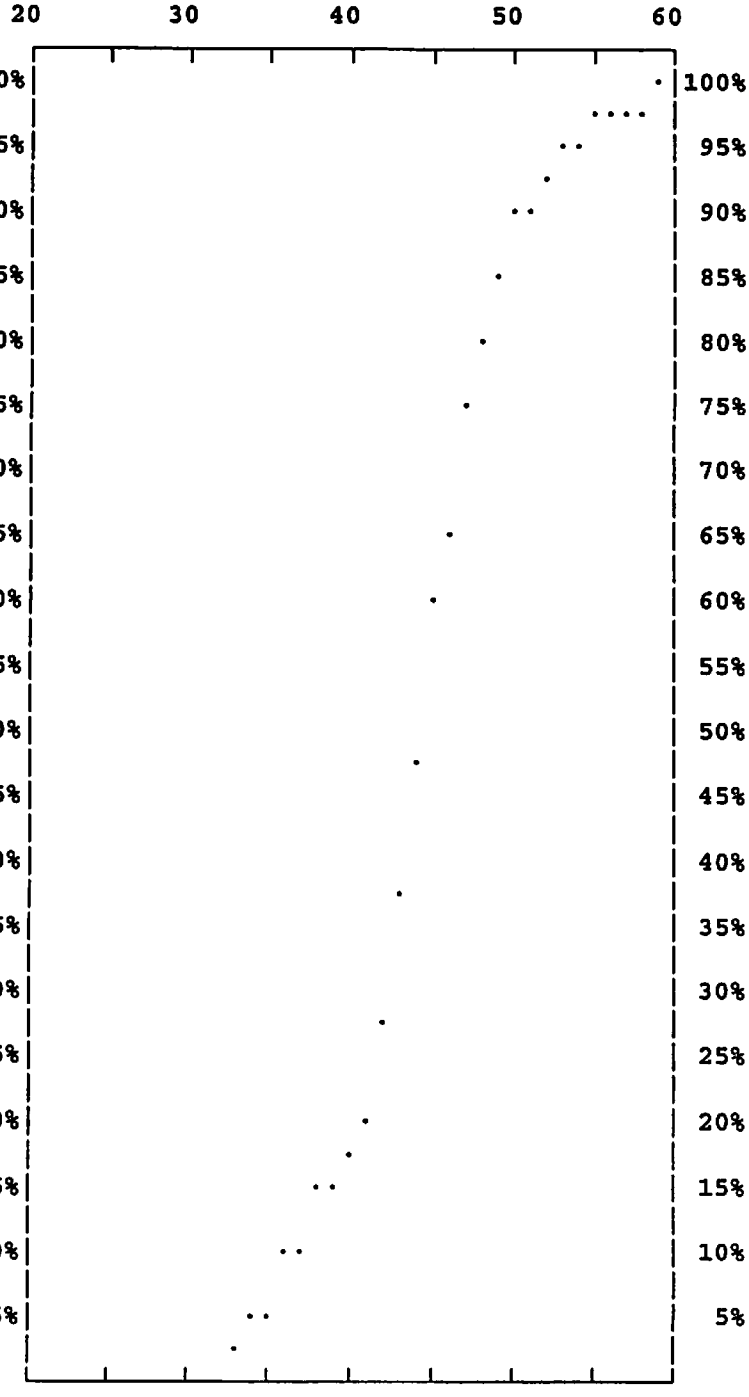
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	DOWNS BOWMAN/DOLPHIN		
DIRECTION	SOUTHBOUND	15th PERCENTILE SPEED	38.00
DATE	10-13-08	50th PERCENTILE SPEED	44.09
DAY OF WEEK	Monday	85th PERCENTILE SPEED	48.60
TIME OF DAY	03:51PM - 04:34PM	95th PERCENTILE SPEED	52.33
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	29 TO 59
NUMBER OF LANES	4	10 MPH PACE SPEEDS	41 TO 50
DEVELOPMENT	RES/OPEN	PERCENT IN PACE	71.00
WEATHER	CLEAR	CALCULATED MEAN	44.31
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.96
95% CONFIDENCE GAP	42.98 TO 45.64	SKEWNESS INDEX	0.08

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %	
60	0	0.000	100.000	100%
59	1	1.000	100.000	
58	0	0.000	99.000	95%
57	0	0.000	99.000	
56	1	1.000	99.000	90%
55	1	1.000	98.000	
54	0	0.000	97.000	85%
53	3	3.000	97.000	
52	3	3.000	94.000	80%
51	1	1.000	91.000	
50	3	3.000	90.000	75%
49	5	5.000	87.000	
48	5	5.000	82.000	70%
47	10	10.000	77.000	
46	7	7.000	67.000	65%
45	11	11.000	60.000	
44	11	11.000	49.000	60%
43	9	9.000	38.000	
42	7	7.000	29.000	55%
41	3	3.000	22.000	
40	2	2.000	19.000	50%
39	2	2.000	17.000	
38	3	3.000	15.000	45%
37	2	2.000	12.000	
36	4	4.000	10.000	40%
35	0	0.000	6.000	
34	3	3.000	6.000	35%
33	1	1.000	3.000	
32	0	0.000	2.000	30%
31	1	1.000	2.000	
30	0	0.000	1.000	25%
29	1	1.000	1.000	
28	0	0.000	0.000	20%
27	0	0.000	0.000	
26	0	0.000	0.000	15%
25	0	0.000	0.000	
24	0	0.000	0.000	10%
23	0	0.000	0.000	
22	0	0.000	0.000	5%
21	0	0.000	0.000	



100 VEHICLES OBSERVED

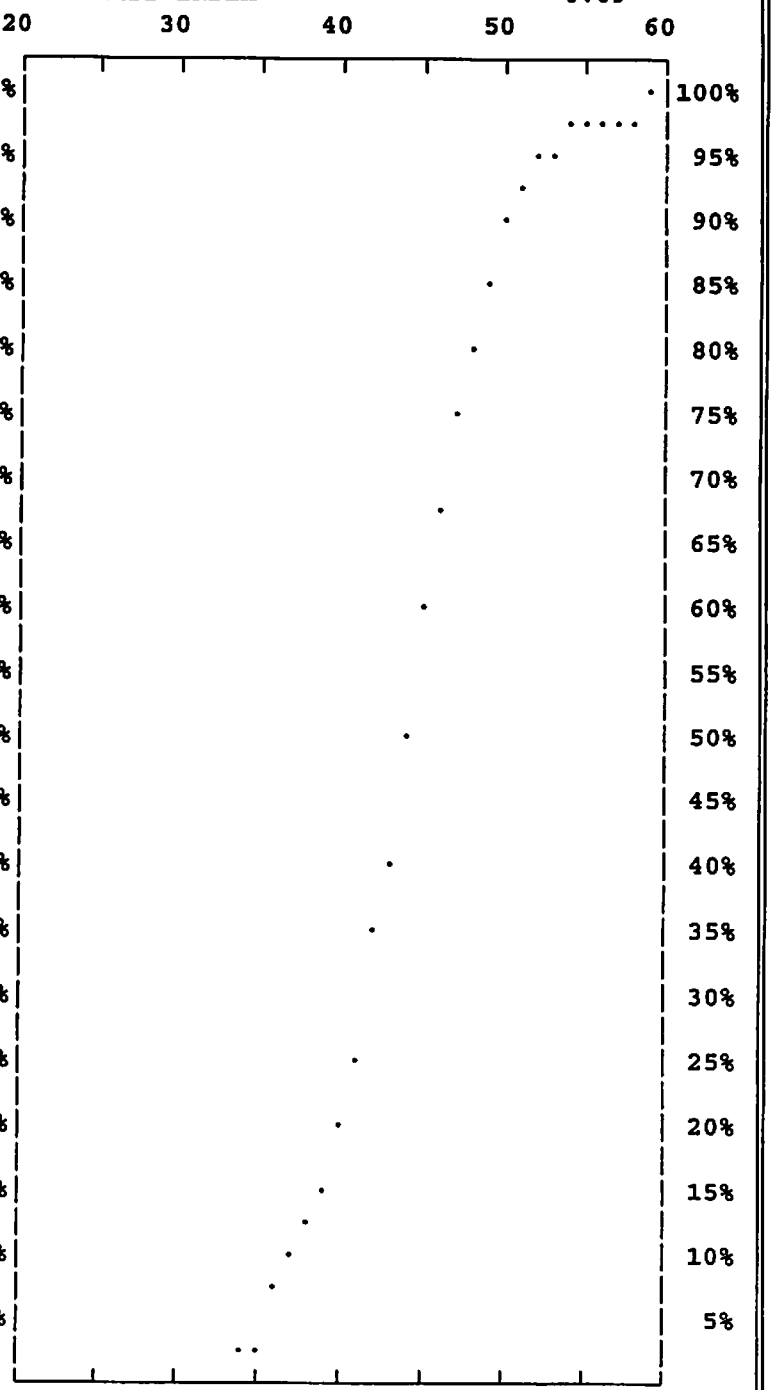
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	DOWNS BOWMAN/DOLPHIN		
DIRECTION	TOTAL	15th PERCENTILE SPEED	38.37
DATE	10-13-08	50th PERCENTILE SPEED	43.82
DAY OF WEEK	Monday	85th PERCENTILE SPEED	48.53
TIME OF DAY	03:51PM - 04:34PM	95th PERCENTILE SPEED	51.87
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	29 TO 59
NUMBER OF LANES	4	10 MPH PACE SPEEDS	41 TO 50
DEVELOPMENT	RES/OPEN	PERCENT IN PACE	70.74
WEATHER	CLEAR	CALCULATED MEAN	44.12
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.92
95% CONFIDENCE GAP	43.29 TO 44.94	SKEWNESS INDEX	0.09

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %	
60	0	0.000	99.999	100%
59	1	0.532	99.999	
58	0	0.000	99.467	95%
57	0	0.000	99.467	
56	1	0.532	99.467	90%
55	1	0.532	98.935	
54	2	1.064	98.403	85%
53	4	2.128	97.339	
52	3	1.596	95.212	80%
51	3	1.596	93.616	
50	9	4.787	92.020	75%
49	9	4.787	87.233	
48	10	5.319	82.446	70%
47	17	9.043	77.127	
46	12	6.383	68.084	65%
45	18	9.574	61.702	
44	22	11.702	52.127	60%
43	10	5.319	40.425	
42	15	7.979	35.106	55%
41	11	5.851	27.127	
40	8	4.255	21.276	50%
39	6	3.191	17.021	
38	7	3.723	13.830	45%
37	4	2.128	10.106	
36	6	3.191	7.979	40%
35	3	1.596	4.787	
34	3	1.596	3.191	35%
33	1	0.532	1.596	
32	0	0.000	1.064	30%
31	1	0.532	1.064	
30	0	0.000	0.532	25%
29	1	0.532	0.532	
28	0	0.000	0.000	20%
27	0	0.000	0.000	
26	0	0.000	0.000	15%
25	0	0.000	0.000	
24	0	0.000	0.000	10%
23	0	0.000	0.000	
22	0	0.000	0.000	5%
21	0	0.000	0.000	



188 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION CHINA LAKE COLLEGE HGTS/DOLPHIN

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	38.63
DATE	10-13-08	50th PERCENTILE SPEED	43.74
DAY OF WEEK	Monday	85th PERCENTILE SPEED	48.66
TIME OF DAY	10:04AM - 10:49AM	95th PERCENTILE SPEED	52.75
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	31 TO 59
NUMBER OF LANES	2	10 MPH PACE SPEEDS	40 TO 49
DEVELOPMENT	OPEN	PERCENT IN PACE	70.24
WEATHER	CLEAR	CALCULATED MEAN	44.31
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.92
95% CONFIDENCE GAP	43.52 TO 45.10	SKEWNESS INDEX	-0.01
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	205

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE NORTH 35mph SPEED LIMIT ON THE SOUTH 45mph

RECOMMENDATIONS It is recommended to maintain the current speed limit of 45mph at this section

RECOMMENDED SPEED LIMIT 45mph BY RK DATE 11/19/08

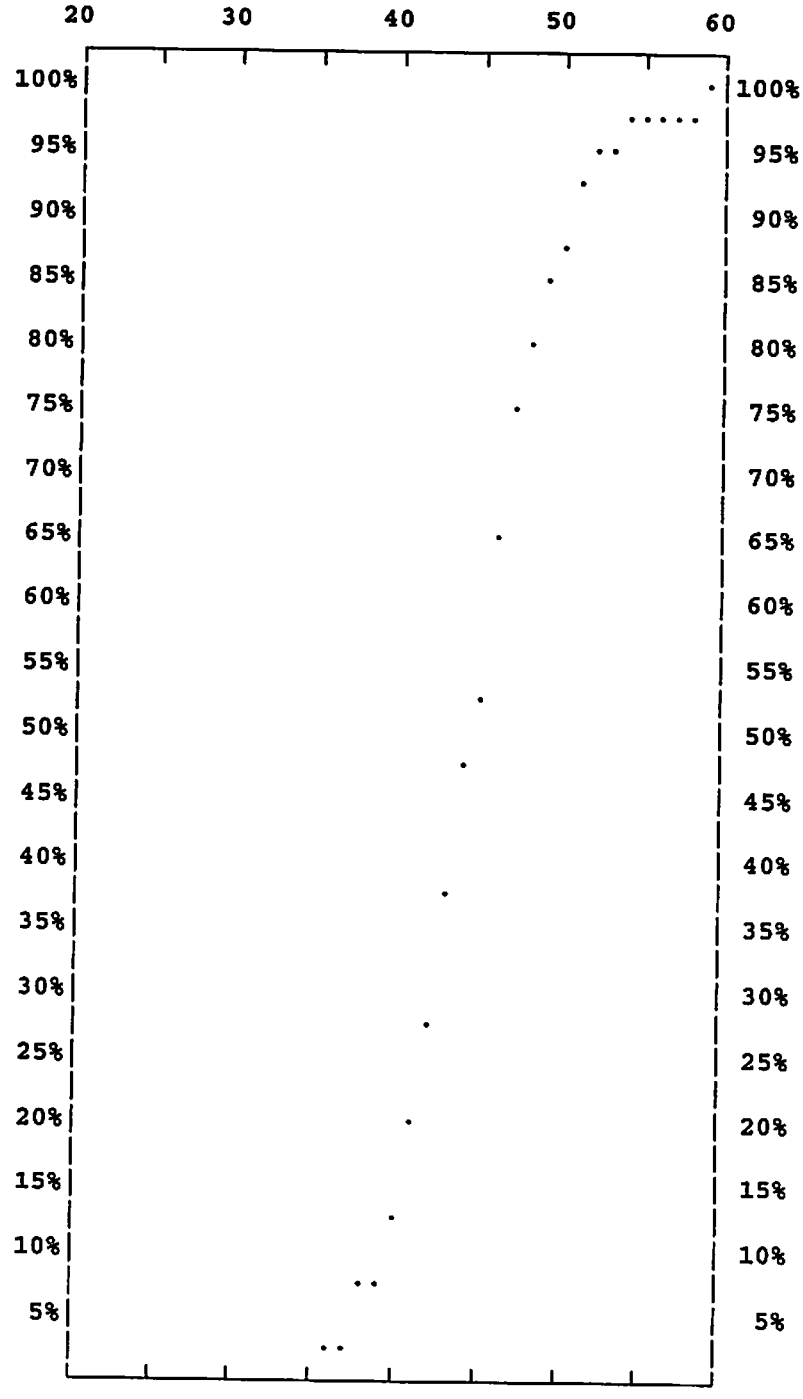
RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	CHINA LAKE COLLEGE HGTS/DOLPHIN		
DIRECTION	NORTHBOUND	15th PERCENTILE SPEED	40.16
DATE	10-13-08	50th PERCENTILE SPEED	44.36
DAY OF WEEK	Monday	85th PERCENTILE SPEED	48.57
TIME OF DAY	10:04AM - 10:49AM	95th PERCENTILE SPEED	51.98
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	35 TO 59
NUMBER OF LANES	2	10 MPH PACE SPEEDS	40 TO 49
DEVELOPMENT	OPEN	PERCENT IN PACE	77.23
WEATHER	CLEAR	CALCULATED MEAN	44.92
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.32
95% CONFIDENCE GAP	43.72 TO 46.12	SKEWNESS INDEX	0.00

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.998
59	1	0.990	99.998
58	0	0.000	99.008
57	0	0.000	99.008
56	1	0.990	99.008
55	0	0.000	98.018
54	3	2.970	98.018
53	0	0.000	95.048
52	2	1.980	95.048
51	4	3.960	93.068
50	2	1.980	89.107
49	5	4.950	87.127
48	7	6.931	82.177
47	8	7.921	75.246
46	13	12.871	67.326
45	7	6.931	54.454
44	8	7.921	47.524
43	11	10.891	39.603
42	8	7.921	28.712
41	7	6.931	20.791
40	4	3.960	13.861
39	2	1.980	9.901
38	4	3.960	7.920
37	1	0.990	3.960
36	2	1.980	2.970
35	1	0.990	0.990
34	0	0.000	0.000
33	0	0.000	0.000
32	0	0.000	0.000
31	0	0.000	0.000
30	0	0.000	0.000
29	0	0.000	0.000
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000

101 VEHICLES OBSERVED



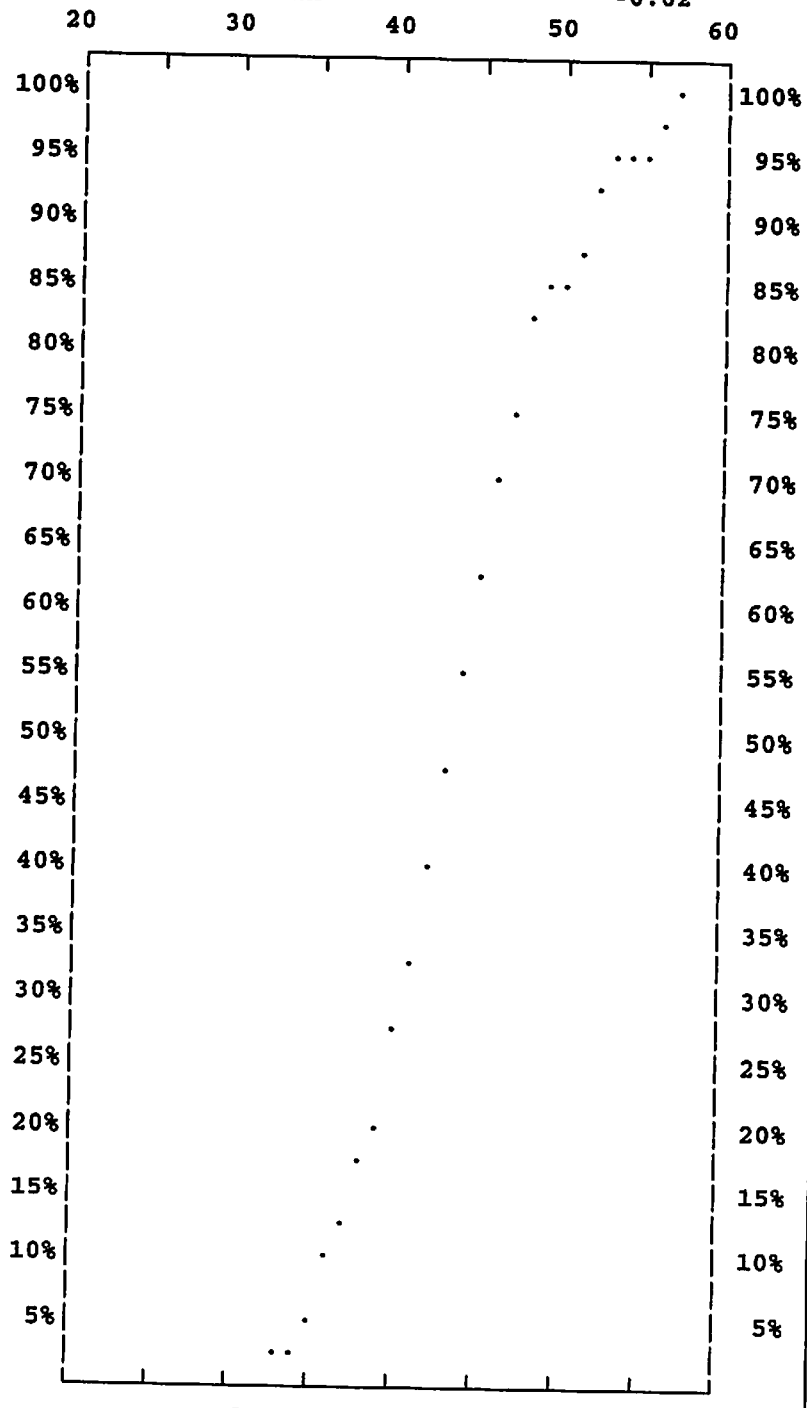
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST
LOCATION	CHINA LAKE COLLEGE HGTS/DOLPHIN
DIRECTION	SOUTHBOUND
DATE	10-13-08
DAY OF WEEK	Monday
TIME OF DAY	10:04AM - 10:49AM
POSTED SPEED LIMIT	45
NUMBER OF LANES	2
DEVELOPMENT	OPEN
WEATHER	CLEAR
ROAD CONDITION	PAVED
95% CONFIDENCE GAP	42.40 TO 45.02
PERFORMED BY	:G CRON

15th PERCENTILE SPEED	37.32
50th PERCENTILE SPEED	43.22
85th PERCENTILE SPEED	48.80
95th PERCENTILE SPEED	52.80
RANGE OF SPEEDS	31 TO 57
10 MPH PACE SPEEDS	39 TO 48
PERCENT IN PACE	64.42
CALCULATED MEAN	43.71
STANDARD DEVIATION	7.01
SKEWNESS INDEX	-0.02

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	1	0.962	99.999
56	2	1.923	99.037
55	1	0.962	97.114
54	1	0.962	96.153
53	1	0.962	95.191
52	5	4.808	94.230
51	2	1.923	89.422
50	2	1.923	87.499
49	3	2.885	85.576
48	6	5.769	82.692
47	5	4.808	76.922
46	9	8.654	72.115
45	7	6.731	63.461
44	9	8.654	56.730
43	8	7.692	48.076
42	6	5.769	40.384
41	5	4.808	34.615
40	8	7.692	29.807
39	4	3.846	22.115
38	5	4.808	18.269
37	3	2.885	13.461
36	4	3.846	10.577
35	4	3.846	6.731
34	0	0.000	2.885
33	1	0.962	2.885
32	1	0.962	1.923
31	1	0.962	0.962
30	0	0.000	0.000
29	0	0.000	0.000
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



104 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

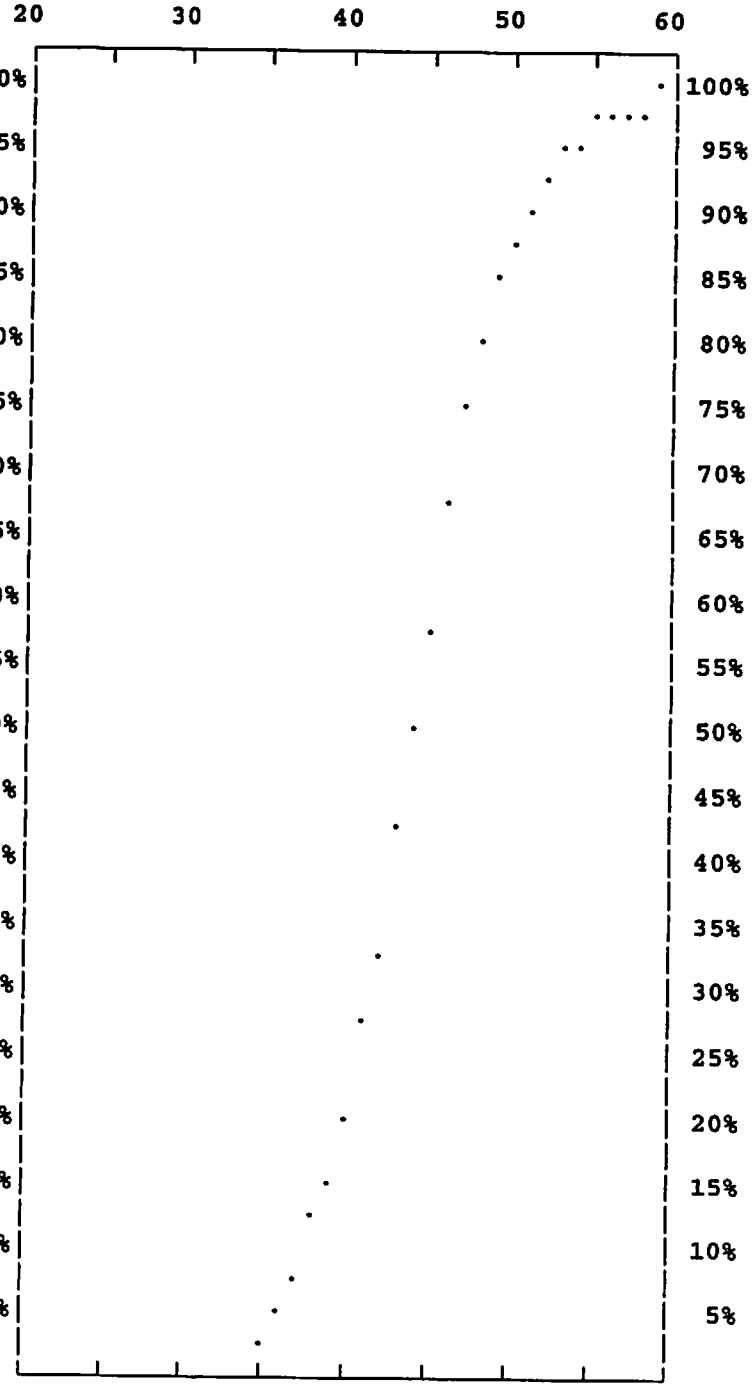
RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	CHINA LAKE COLLEGE HGTS/DOLPHIN		
DIRECTION	TOTAL	15th PERCENTILE SPEED	38.63
DATE	10-13-08	50th PERCENTILE SPEED	43.74
DAY OF WEEK	Monday	85th PERCENTILE SPEED	48.66
TIME OF DAY	10:04AM - 10:49AM	95th PERCENTILE SPEED	52.75
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	31 TO 59
NUMBER OF LANES	2	10 MPH PACE SPEEDS	40 TO 49
DEVELOPMENT	OPEN	PERCENT IN PACE	70.24
WEATHER	CLEAR	CALCULATED MEAN	44.31
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.92
95% CONFIDENCE GAP	43.52 TO 45.10	SKEWNESS INDEX	-0.01

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	1	0.488	99.999
58	0	0.000	99.511
57	1	0.488	99.511
56	3	1.463	99.024
55	1	0.488	97.560
54	4	1.951	97.072
53	1	0.488	95.121
52	7	3.415	94.633
51	6	2.927	91.219
50	4	1.951	88.292
49	8	3.902	86.341
48	13	6.341	82.438
47	13	6.341	76.097
46	22	10.732	69.756
45	14	6.829	59.024
44	17	8.293	52.195
43	19	9.268	43.902
42	14	6.829	34.634
41	12	5.854	27.805
40	12	5.854	21.951
39	6	2.927	16.097
38	9	4.390	13.171
37	4	1.951	8.780
36	6	2.927	6.829
35	5	2.439	3.902
34	0	0.000	1.463
33	1	0.488	1.463
32	1	0.488	0.976
31	1	0.488	0.488
30	0	0.000	0.000
29	0	0.000	0.000
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000

205 VEHICLES OBSERVED



Prepared by Newport Traffic Studies

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION COLLEGE HGTS CHINA LAKE/DOLPHIN

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	38.45
DATE	10-15-08	50th PERCENTILE SPEED	42.98
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	47.85
TIME OF DAY	08:42AM - 09:19AM	95th PERCENTILE SPEED	50.65
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	30 TO 58
NUMBER OF LANES	2	10 MPH PACE SPEEDS	39 TO 48
DEVELOPMENT	OPEN/RES	PERCENT IN PACE	74.63
WEATHER	CLEAR	CALCULATED MEAN	43.63
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.70
95% CONFIDENCE GAP	42.86 TO 44.40	SKEWNESS INDEX	0.00
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	201

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE NORTH 45mph SPEED LIMIT ON THE SOUTH 45mph

RECOMMENDATIONS Due to limited sight distance at this section of roadway, it is recommended to maintain current speed limit of 45mph.

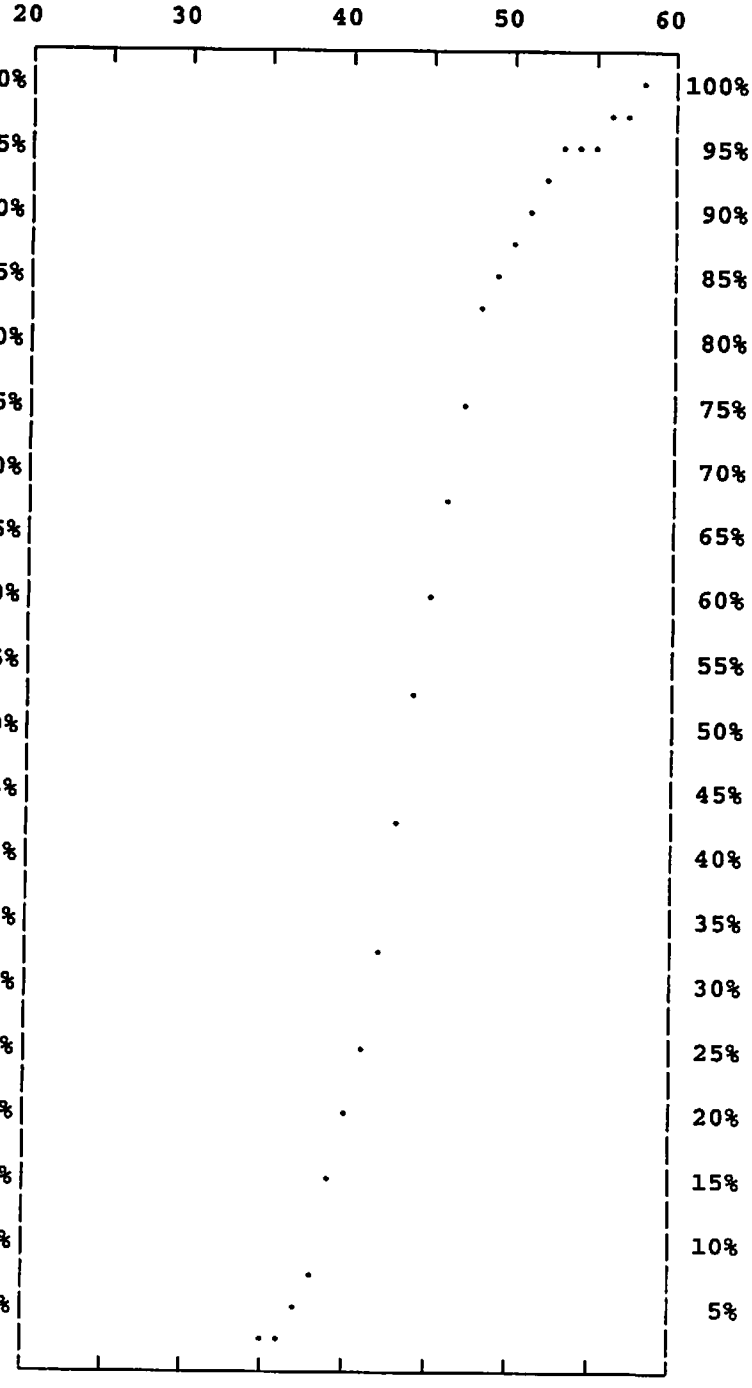
RECOMMENDED SPEED LIMIT 45mph BY RK DATE 11/19/08

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	COLLEGE HGTS CHINA LAKE/DOLPHIN		
DIRECTION	NORTHBOUND	15th PERCENTILE SPEED	38.74
DATE	10-15-08	50th PERCENTILE SPEED	43.65
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	48.93
TIME OF DAY	08:42AM - 09:19AM	95th PERCENTILE SPEED	52.95
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	33 TO 58
NUMBER OF LANES	2	10 MPH PACE SPEEDS	39 TO 48
DEVELOPMENT	OPEN/RES	PERCENT IN PACE	73.27
WEATHER	CLEAR	CALCULATED MEAN	44.46
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.74
95% CONFIDENCE GAP	43.17 TO 45.74	SKEWNESS INDEX	-0.09

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.998
59	0	0.000	99.998
58	2	1.980	99.998
57	0	0.000	98.018
56	3	2.970	98.018
55	0	0.000	95.048
54	0	0.000	95.048
53	1	0.990	95.048
52	3	2.970	94.058
51	3	2.970	91.087
50	3	2.970	88.117
49	2	1.980	85.147
48	7	6.931	83.167
47	7	6.931	76.236
46	7	6.931	69.306
45	9	8.911	62.375
44	10	9.901	53.464
43	10	9.901	43.563
42	7	6.931	33.663
41	5	4.950	26.732
40	5	4.950	21.782
39	7	6.931	16.831
38	3	2.970	9.901
37	2	1.980	6.930
36	1	0.990	4.950
35	3	2.970	3.960
34	0	0.000	0.990
33	1	0.990	0.990
32	0	0.000	0.000
31	0	0.000	0.000
30	0	0.000	0.000
29	0	0.000	0.000
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



101 VEHICLES OBSERVED

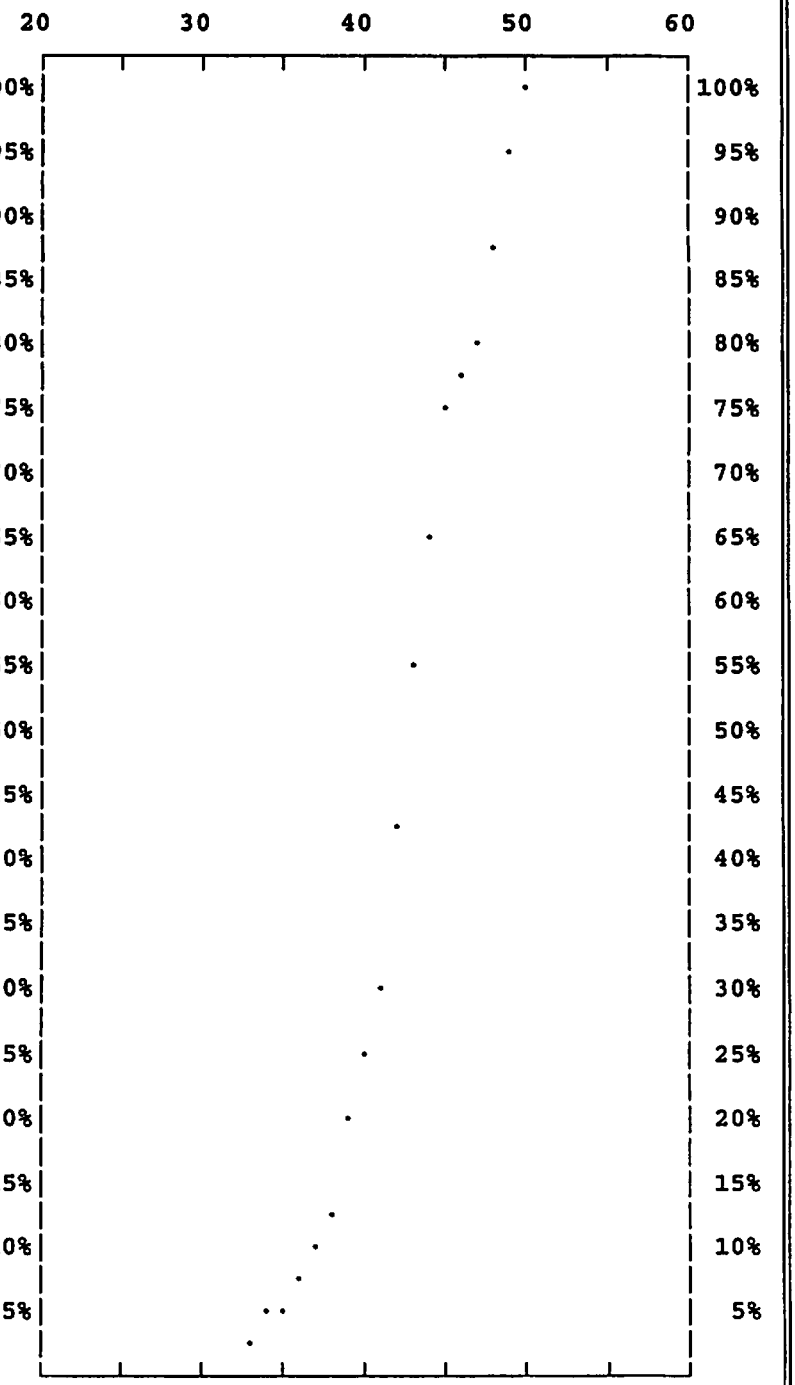
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	COLLEGE HGTS CHINA LAKE/DOLPHIN		
DIRECTION	SOUTHBOUND	15th PERCENTILE SPEED	38.22
DATE	10-15-08	50th PERCENTILE SPEED	42.46
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	47.43
TIME OF DAY	08:42AM - 09:19AM	95th PERCENTILE SPEED	48.86
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	30 TO 50
NUMBER OF LANES	2	10 MPH PACE SPEEDS	39 TO 48
DEVELOPMENT	OPEN/RES	PERCENT IN PACE	76.00
WEATHER	CLEAR	CALCULATED MEAN	42.80
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.12
95% CONFIDENCE GAP	41.63 TO 43.97	SKEWNESS INDEX	0.10

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %	
60	0	0.000	100.000	100%
59	0	0.000	100.000	
58	0	0.000	100.000	95%
57	0	0.000	100.000	
56	0	0.000	100.000	90%
55	0	0.000	100.000	
54	0	0.000	100.000	85%
53	0	0.000	100.000	
52	0	0.000	100.000	80%
51	0	0.000	100.000	
50	4	4.000	100.000	75%
49	7	7.000	96.000	
48	7	7.000	89.000	70%
47	3	3.000	82.000	
46	4	4.000	79.000	65%
45	9	9.000	75.000	
44	9	9.000	66.000	60%
43	13	13.000	57.000	
42	12	12.000	44.000	55%
41	6	6.000	32.000	
40	4	4.000	26.000	50%
39	9	9.000	22.000	
38	3	3.000	13.000	45%
37	2	2.000	10.000	
36	1	1.000	8.000	40%
35	1	1.000	7.000	
34	3	3.000	6.000	35%
33	1	1.000	3.000	
32	0	0.000	2.000	30%
31	1	1.000	2.000	
30	1	1.000	1.000	25%
29	0	0.000	0.000	
28	0	0.000	0.000	20%
27	0	0.000	0.000	
26	0	0.000	0.000	15%
25	0	0.000	0.000	
24	0	0.000	0.000	10%
23	0	0.000	0.000	
22	0	0.000	0.000	5%
21	0	0.000	0.000	



100 VEHICLES OBSERVED

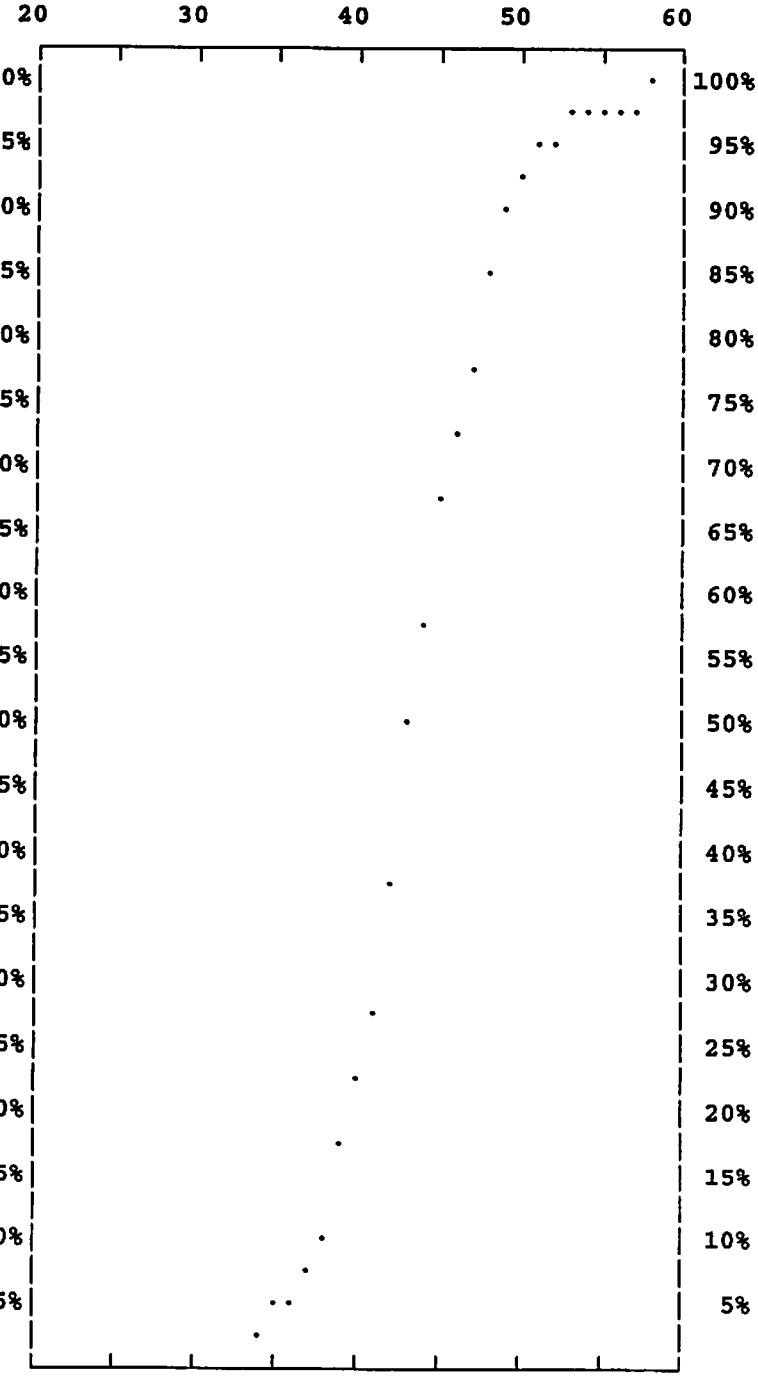
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	COLLEGE HGTS CHINA LAKE/DOLPHIN		
DIRECTION	TOTAL	15th PERCENTILE SPEED	38.45
DATE	10-15-08	50th PERCENTILE SPEED	42.98
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	47.85
TIME OF DAY	08:42AM - 09:19AM	95th PERCENTILE SPEED	50.65
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	30 TO 58
NUMBER OF LANES	2	10 MPH PACE SPEEDS	39 TO 48
DEVELOPMENT	OPEN/RES	PERCENT IN PACE	74.63
WEATHER	CLEAR	CALCULATED MEAN	43.63
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.70
95% CONFIDENCE GAP	42.86 TO 44.40	SKEWNESS INDEX	0.00

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	2	0.995	99.999
57	0	0.000	99.004
56	3	1.493	99.004
55	0	0.000	97.512
54	0	0.000	97.512
53	1	0.498	97.512
52	3	1.493	97.014
51	3	1.493	95.522
50	7	3.483	94.029
49	9	4.478	90.547
48	14	6.965	86.069
47	10	4.975	79.104
46	11	5.473	74.129
45	18	8.955	68.656
44	19	9.453	59.701
43	23	11.443	50.248
42	19	9.453	38.806
41	11	5.473	29.353
40	9	4.478	23.880
39	16	7.960	19.403
38	6	2.985	11.443
37	4	1.990	8.458
36	2	0.995	6.468
35	4	1.990	5.473
34	3	1.493	3.483
33	2	0.995	1.990
32	0	0.000	0.995
31	1	0.498	0.995
30	1	0.498	0.498
29	0	0.000	0.000
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



201 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION DOWNS DOLPHIN/CHINA LAKE

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	35.89
DATE	10-17-08	50th PERCENTILE SPEED	41.25
DAY OF WEEK	Friday	85th PERCENTILE SPEED	46.44
TIME OF DAY	12:04PM - 01:04PM	95th PERCENTILE SPEED	49.78
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	29 TO 55
NUMBER OF LANES	4	10 MPH PACE SPEEDS	36 TO 45
DEVELOPMENT	OPEN/RES	PERCENT IN PACE	67.44
WEATHER	CLEAR	CALCULATED MEAN	41.49
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.34
95% CONFIDENCE GAP	40.42 TO 42.55	SKEWNESS INDEX	0.06
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	129

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE NORTH 45mph SPEED LIMIT ON THE SOUTH 45mph

RECOMMENDATIONS _____

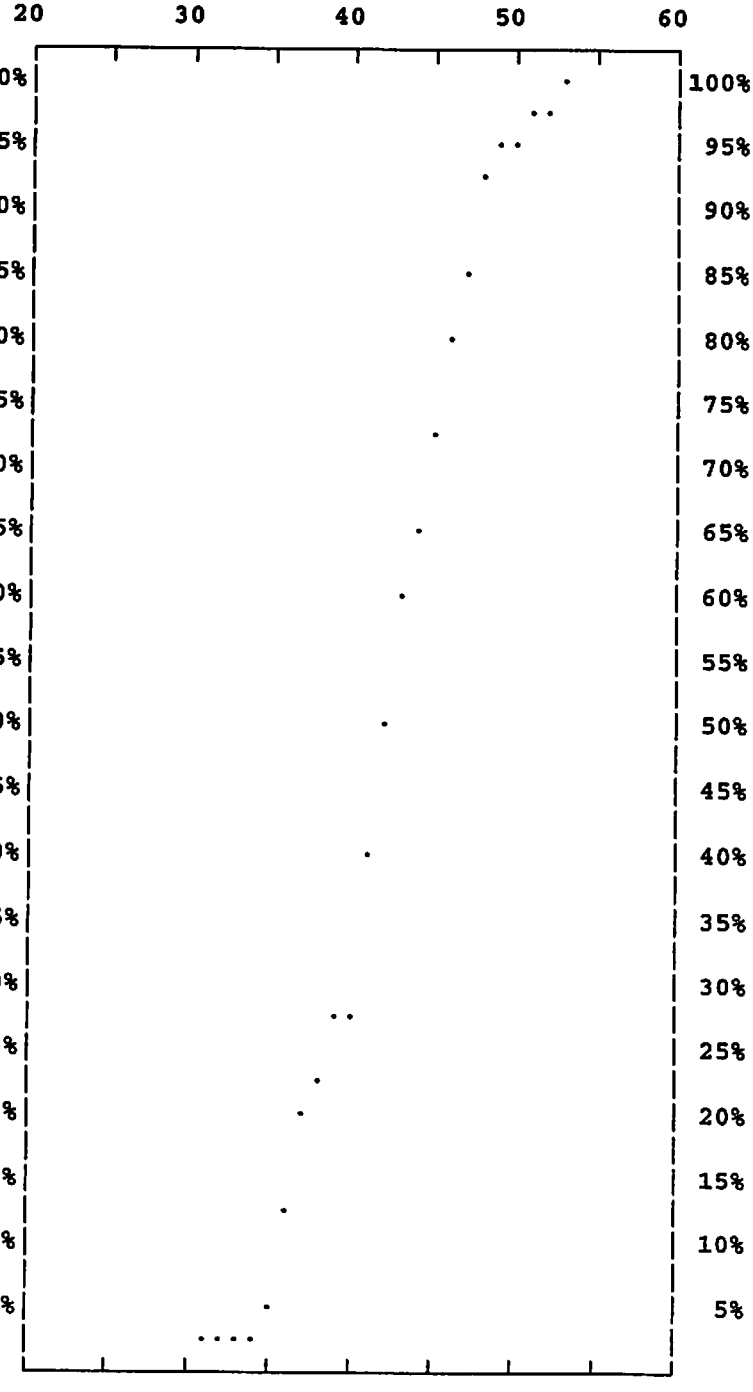
RECOMMENDED SPEED LIMIT 45mph BY RK DATE 11/19/08

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	DOWNS DOLPHIN/CHINA LAKE		
DIRECTION	NORTHBOUND	15th PERCENTILE SPEED	36.23
DATE	10-17-08	50th PERCENTILE SPEED	41.92
DAY OF WEEK	Friday	85th PERCENTILE SPEED	46.71
TIME OF DAY	12:04PM - 01:04PM	95th PERCENTILE SPEED	48.95
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	29 TO 53
NUMBER OF LANES	4	10 MPH PACE SPEEDS	39 TO 48
DEVELOPMENT	OPEN/RES	PERCENT IN PACE	68.85
WEATHER	CLEAR	CALCULATED MEAN	42.20
ROAD CONDITION	PAVED	STANDARD DEVIATION	7.30
95% CONFIDENCE GAP	40.41 TO 43.98	SKEWNESS INDEX	0.06

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	1	1.639	99.999
52	0	0.000	98.360
51	2	3.279	98.360
50	0	0.000	95.081
49	1	1.639	95.081
48	4	6.557	93.442
47	4	6.557	86.884
46	4	6.557	80.327
45	4	6.557	73.770
44	4	6.557	67.212
43	6	9.836	60.655
42	6	9.836	50.819
41	7	11.475	40.983
40	1	1.639	29.508
39	2	3.279	27.868
38	2	3.279	24.590
37	5	8.197	21.311
36	4	6.557	13.115
35	2	3.279	6.557
34	0	0.000	3.279
33	0	0.000	3.279
32	0	0.000	3.279
31	1	1.639	3.279
30	0	0.000	1.639
29	1	1.639	1.639
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



61 VEHICLES OBSERVED

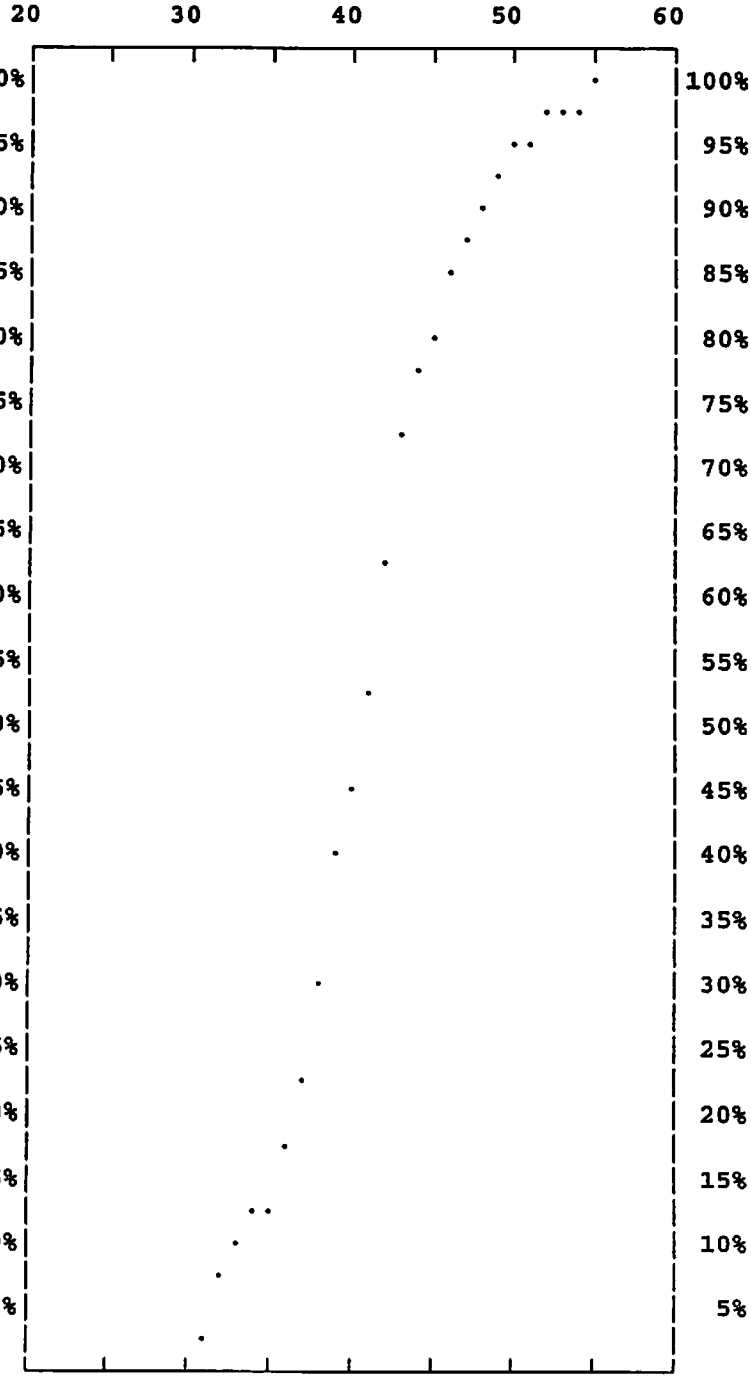
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	DOWNS DOLPHIN/CHINA LAKE		
DIRECTION	SOUTHBOUND	15th PERCENTILE SPEED	35.10
DATE	10-17-08	50th PERCENTILE SPEED	40.50
DAY OF WEEK	Friday	85th PERCENTILE SPEED	45.90
TIME OF DAY	12:04PM - 01:04PM	95th PERCENTILE SPEED	49.80
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	30 TO 55
NUMBER OF LANES	4	10 MPH PACE SPEEDS	36 TO 45
DEVELOPMENT	OPEN/RES	PERCENT IN PACE	67.65
WEATHER	CLEAR	CALCULATED MEAN	40.85
ROAD CONDITION	PAVED	STANDARD DEVIATION	7.35
95% CONFIDENCE GAP	39.15 TO 42.56	SKEWNESS INDEX	0.02

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %	
60	0	0.000	99.999	100%
59	0	0.000	99.999	
58	0	0.000	99.999	95%
57	0	0.000	99.999	
56	0	0.000	99.999	90%
55	1	1.471	99.999	
54	0	0.000	98.528	85%
53	0	0.000	98.528	
52	2	2.941	98.528	80%
51	0	0.000	95.587	
50	2	2.941	95.587	75%
49	1	1.471	92.646	
48	2	2.941	91.175	70%
47	2	2.941	88.234	
46	2	2.941	85.293	65%
45	2	2.941	82.352	
44	3	4.412	79.411	60%
43	7	10.294	74.999	
42	8	11.765	64.705	55%
41	4	5.882	52.941	
40	4	5.882	47.058	50%
39	7	10.294	41.176	
38	4	5.882	30.882	45%
37	5	7.353	25.000	
36	2	2.941	17.647	40%
35	0	0.000	14.706	
34	3	4.412	14.706	35%
33	1	1.471	10.294	
32	3	4.412	8.823	30%
31	2	2.941	4.412	
30	1	1.471	1.471	25%
29	0	0.000	0.000	
28	0	0.000	0.000	20%
27	0	0.000	0.000	
26	0	0.000	0.000	15%
25	0	0.000	0.000	
24	0	0.000	0.000	10%
23	0	0.000	0.000	
22	0	0.000	0.000	5%
21	0	0.000	0.000	



68 VEHICLES OBSERVED

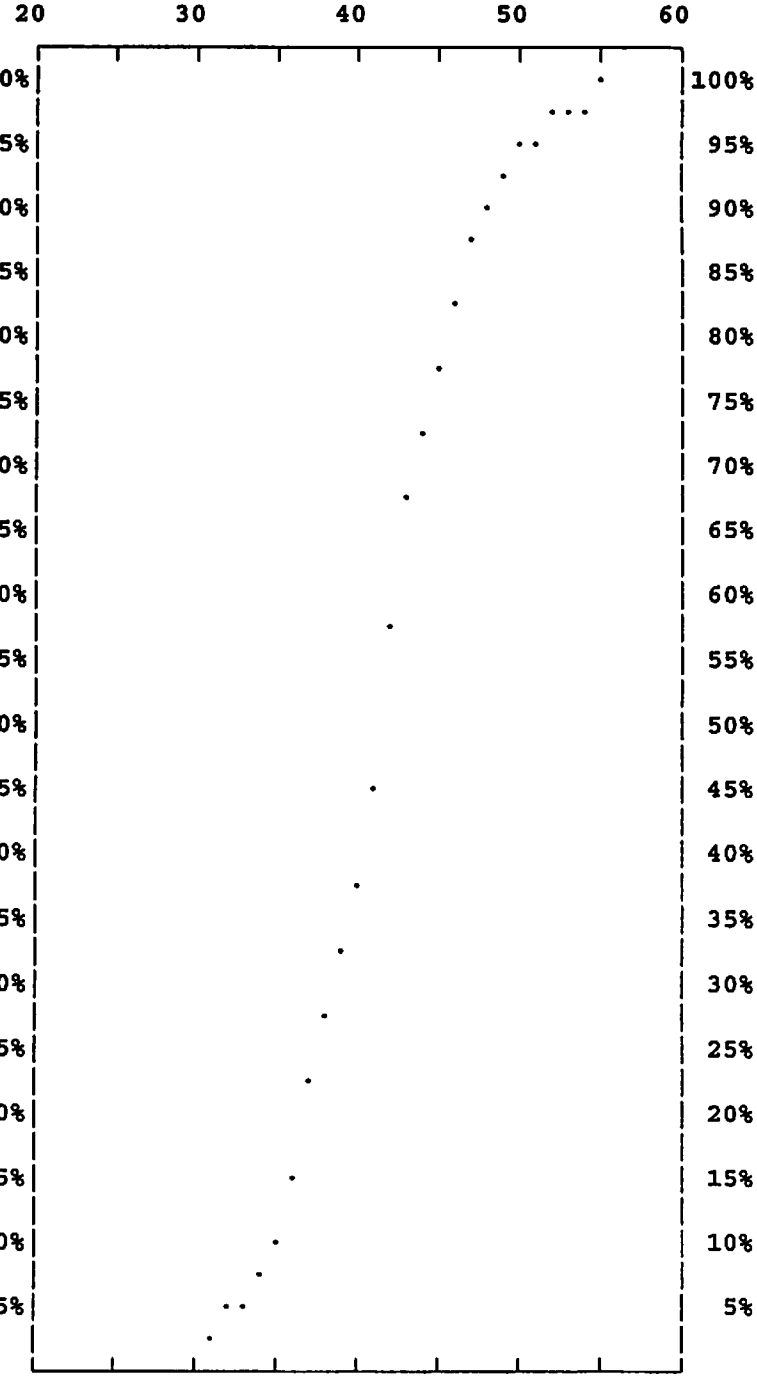
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	DOWNS DOLPHIN/CHINA LAKE		
DIRECTION	TOTAL	15th PERCENTILE SPEED	35.89
DATE	10-17-08	50th PERCENTILE SPEED	41.25
DAY OF WEEK	Friday	85th PERCENTILE SPEED	46.44
TIME OF DAY	12:04PM - 01:04PM	95th PERCENTILE SPEED	49.78
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	29 TO 55
NUMBER OF LANES	4	10 MPH PACE SPEEDS	36 TO 45
DEVELOPMENT	OPEN/RES	PERCENT IN PACE	67.44
WEATHER	CLEAR	CALCULATED MEAN	41.49
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.34
95% CONFIDENCE GAP	40.42 TO 42.55	SKEWNESS INDEX	0.06

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.998
59	0	0.000	99.998
58	0	0.000	99.998
57	0	0.000	99.998
56	0	0.000	99.998
55	1	0.775	99.998
54	0	0.000	99.223
53	1	0.775	99.223
52	2	1.550	98.448
51	2	1.550	96.898
50	2	1.550	95.347
49	2	1.550	93.797
48	6	4.651	92.247
47	6	4.651	87.596
46	6	4.651	82.945
45	6	4.651	78.294
44	7	5.426	73.642
43	13	10.078	68.216
42	14	10.853	58.139
41	11	8.527	47.286
40	5	3.876	38.759
39	9	6.977	34.883
38	6	4.651	27.906
37	10	7.752	23.255
36	6	4.651	15.503
35	2	1.550	10.852
34	3	2.326	9.302
33	1	0.775	6.976
32	3	2.326	6.201
31	3	2.326	3.876
30	1	0.775	1.550
29	1	0.775	0.775
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



129 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION CHINA LAKE DOLPHIN/DOWNS

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	44.66
DATE	10-13-08	50th PERCENTILE SPEED	51.54
DAY OF WEEK	Monday	85th PERCENTILE SPEED	57.08
TIME OF DAY	09:04AM - 10:04AM	95th PERCENTILE SPEED	59.32
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	36 TO 60
NUMBER OF LANES	2	10 MPH PACE SPEEDS	47 TO 56
DEVELOPMENT	OPEN	PERCENT IN PACE	59.89
WEATHER	CLEAR	CALCULATED MEAN	51.46
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.66
95% CONFIDENCE GAP	50.50 TO 52.41	SKEWNESS INDEX	0.07
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	177

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE NORTH 45mph SPEED LIMIT ON THE SOUTH 45mph

RECOMMENDATIONS _____

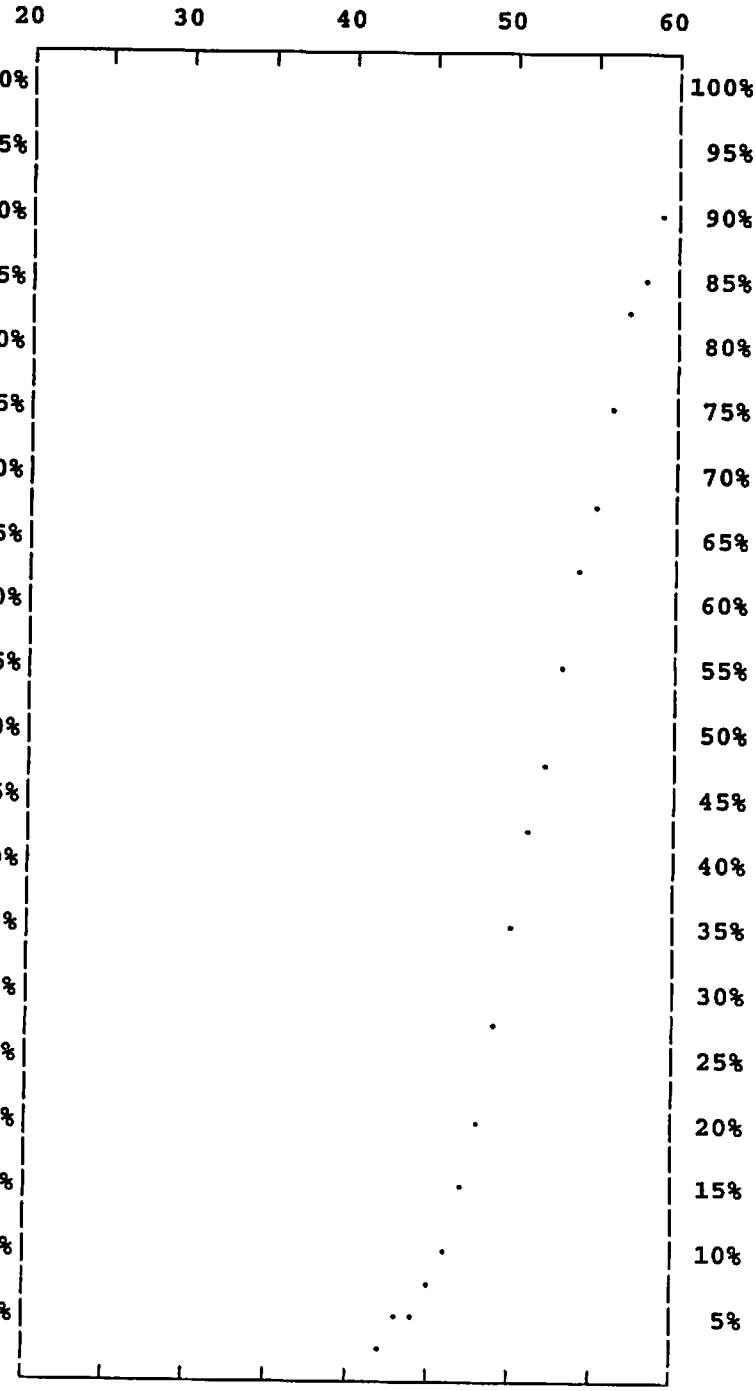
RECOMMENDED SPEED LIMIT 55mph BY RK DATE 11/19/08

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	CHINA LAKE DOLPHIN/DOWNS		
DIRECTION	NORTHBOUND	15th PERCENTILE SPEED	46.92
DATE	10-13-08	50th PERCENTILE SPEED	52.25
DAY OF WEEK	Monday	85th PERCENTILE SPEED	57.63
TIME OF DAY	09:04AM - 10:04AM	95th PERCENTILE SPEED	59.46
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	40 TO 60
NUMBER OF LANES	2	10 MPH PACE SPEEDS	48 TO 57
DEVELOPMENT	OPEN	PERCENT IN PACE	67.69
WEATHER	CLEAR	CALCULATED MEAN	52.43
ROAD CONDITION	PAVED	STANDARD DEVIATION	8.23
95% CONFIDENCE GAP	50.48 TO 54.38	SKEWNESS INDEX	0.07

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	6	9.231	99.999
59	3	4.615	90.768
58	2	3.077	86.153
57	4	6.154	83.076
56	5	7.692	76.922
55	4	6.154	69.230
54	4	6.154	63.076
53	6	9.231	56.923
52	3	4.615	47.692
51	5	7.692	43.077
50	5	7.692	35.384
49	4	6.154	27.692
48	4	6.154	21.538
47	3	4.615	15.384
46	1	1.538	10.769
45	2	3.077	9.231
44	0	0.000	6.154
43	1	1.538	6.154
42	2	3.077	4.615
41	0	0.000	1.538
40	1	1.538	1.538
39	0	0.000	0.000
38	0	0.000	0.000
37	0	0.000	0.000
36	0	0.000	0.000
35	0	0.000	0.000
34	0	0.000	0.000
33	0	0.000	0.000
32	0	0.000	0.000
31	0	0.000	0.000
30	0	0.000	0.000
29	0	0.000	0.000
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



65 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	CHINA LAKE DOLPHIN/DOWNS		
DIRECTION	SOUTHBOUND	15th PERCENTILE SPEED	44.10
DATE	10-13-08	50th PERCENTILE SPEED	51.22
DAY OF WEEK	Monday	85th PERCENTILE SPEED	56.60
TIME OF DAY	09:04AM - 10:04AM	95th PERCENTILE SPEED	59.20
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	36 TO 60
NUMBER OF LANES	2	10 MPH PACE SPEEDS	44 TO 53
DEVELOPMENT	OPEN	PERCENT IN PACE	58.04
WEATHER	CLEAR	CALCULATED MEAN	50.89
ROAD CONDITION	PAVED	STANDARD DEVIATION	7.39
95% CONFIDENCE GAP	49.56 TO 52.23	SKEWNESS INDEX	0.06

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	7	6.250	99.999
59	5	4.464	93.749
58	4	3.571	89.285
57	2	1.786	85.714
56	6	5.357	83.928
55	7	6.250	78.571
54	7	6.250	72.321
53	11	9.821	66.071
52	9	8.036	56.250
51	5	4.464	48.214
50	7	6.250	43.750
49	4	3.571	37.500
48	4	3.571	33.928
47	3	2.679	30.357
46	7	6.250	27.678
45	8	7.143	21.428
44	7	6.250	14.286
43	3	2.679	8.036
42	0	0.000	5.357
41	2	1.786	5.357
40	2	1.786	3.571
39	0	0.000	1.786
38	1	0.893	1.786
37	0	0.000	0.893
36	1	0.893	0.893
35	0	0.000	0.000
34	0	0.000	0.000
33	0	0.000	0.000
32	0	0.000	0.000
31	0	0.000	0.000
30	0	0.000	0.000
29	0	0.000	0.000
28	0	0.000	0.000
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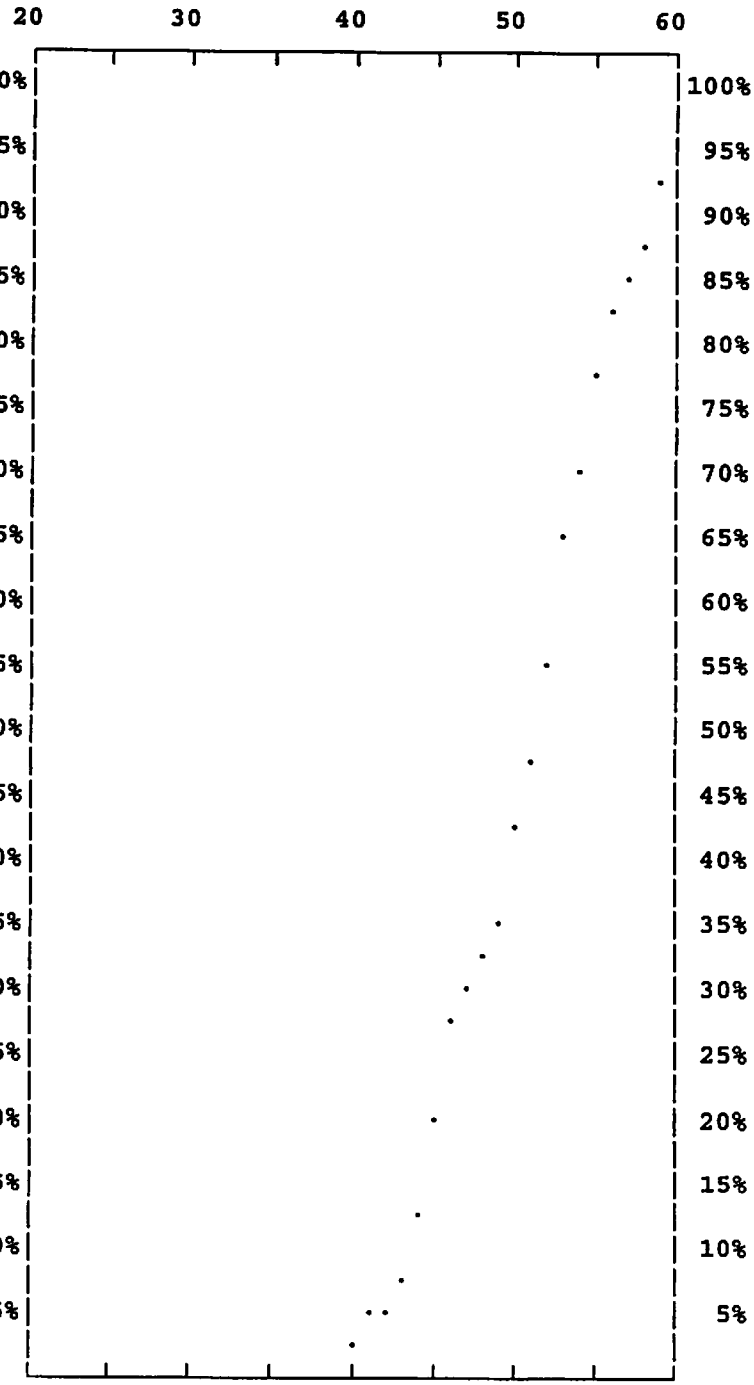

112 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	CHINA LAKE DOLPHIN/DOWNS		
DIRECTION	TOTAL	15th PERCENTILE SPEED	44.66
DATE	10-13-08	50th PERCENTILE SPEED	51.54
DAY OF WEEK	Monday	85th PERCENTILE SPEED	57.08
TIME OF DAY	09:04AM - 10:04AM	95th PERCENTILE SPEED	59.32
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	36 TO 60
NUMBER OF LANES	2	10 MPH PACE SPEEDS	47 TO 56
DEVELOPMENT	OPEN	PERCENT IN PACE	59.89
WEATHER	CLEAR	CALCULATED MEAN	51.46
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.66
95% CONFIDENCE GAP	50.50 TO 52.41	SKEWNESS INDEX	0.07

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	13	7.345	99.999
59	8	4.520	92.654
58	6	3.390	88.135
57	6	3.390	84.745
56	11	6.215	81.355
55	11	6.215	75.140
54	11	6.215	68.926
53	17	9.605	62.711
52	12	6.780	53.107
51	10	5.650	46.327
50	12	6.780	40.677
49	8	4.520	33.898
48	8	4.520	29.378
47	6	3.390	24.858
46	8	4.520	21.469
45	10	5.650	16.949
44	7	3.955	11.299
43	4	2.260	7.344
42	2	1.130	5.085
41	2	1.130	3.955
40	3	1.695	2.825
39	0	0.000	1.130
38	1	0.565	1.130
37	0	0.000	0.565
36	1	0.565	0.565
35	0	0.000	0.000
34	0	0.000	0.000
33	0	0.000	0.000
32	0	0.000	0.000
31	0	0.000	0.000
30	0	0.000	0.000
29	0	0.000	0.000
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27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
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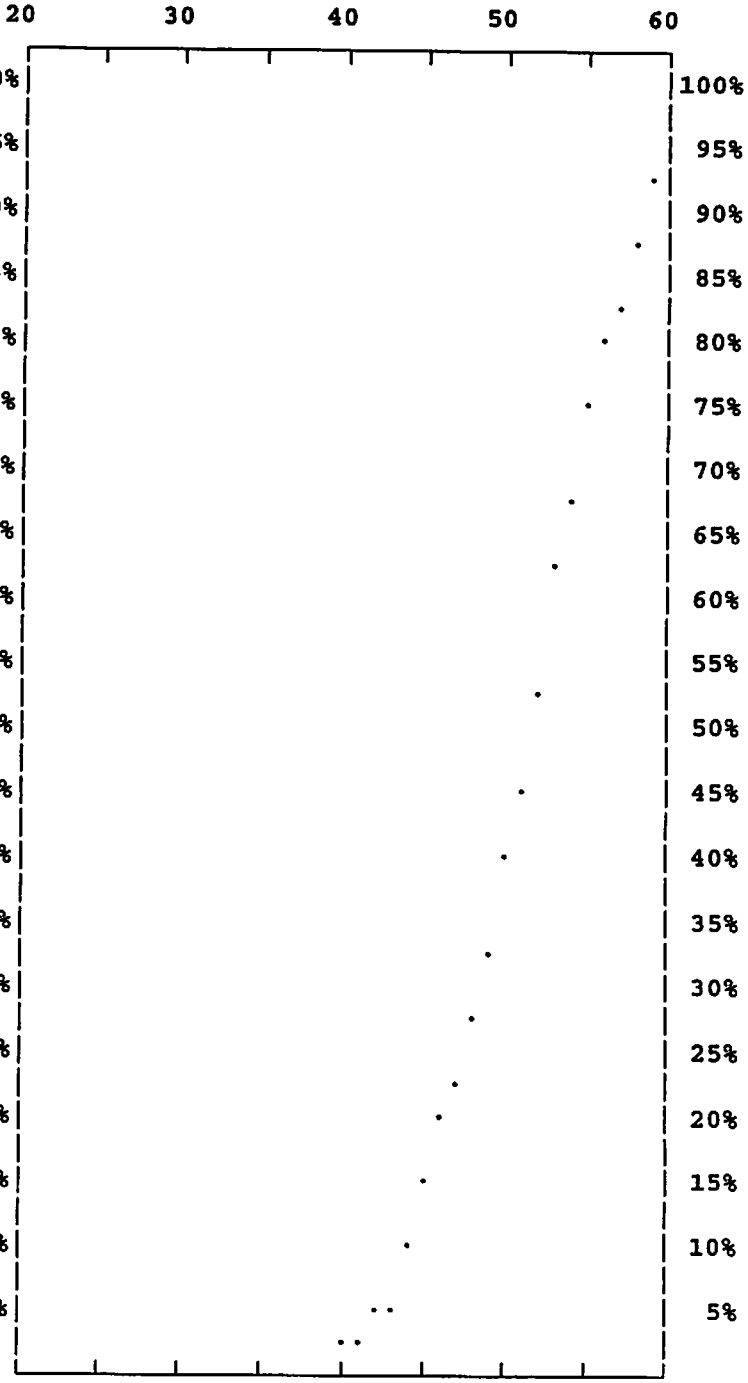
21	0	0.000	0.000



177 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION COLLEGE HGTS DOLPHIN/SPRINGER

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	42.03
DATE	10-15-08	50th PERCENTILE SPEED	46.07
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	51.26
TIME OF DAY	09:21AM - 10:04AM	95th PERCENTILE SPEED	56.85
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	34 TO 60
NUMBER OF LANES	2	10 MPH PACE SPEEDS	42 TO 51
DEVELOPMENT	OPEN	PERCENT IN PACE	72.91
WEATHER	CLEAR	CALCULATED MEAN	46.99
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.02
95% CONFIDENCE GAP	46.18 TO 47.79	SKEWNESS INDEX	-0.19
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	203

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE NORTH 45mph SPEED LIMIT ON THE SOUTH 45mph

RECOMMENDATIONS _____

RECOMMENDED SPEED LIMIT 50mph BY RK DATE 11/19/08

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	COLLEGE HGTS DOLPHIN/SPRINGER		
DIRECTION	NORTHBOUND	15th PERCENTILE SPEED	41.64
DATE	10-15-08	50th PERCENTILE SPEED	45.41
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	50.29
TIME OF DAY	09:21AM - 10:04AM	95th PERCENTILE SPEED	57.08
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	35 TO 60
NUMBER OF LANES	2	10 MPH PACE SPEEDS	41 TO 50
DEVELOPMENT	OPEN	PERCENT IN PACE	78.35
WEATHER	CLEAR	CALCULATED MEAN	46.58
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.76
95% CONFIDENCE GAP	45.27 TO 47.89	SKEWNESS INDEX	-0.33

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	1	1.031	99.999
59	2	2.062	98.968
58	2	2.062	96.906
57	1	1.031	94.845
56	2	2.062	93.814
55	1	1.031	91.752
54	0	0.000	90.721
53	0	0.000	90.721
52	2	2.062	90.721
51	5	5.155	88.659
50	5	5.155	83.505
49	6	6.186	78.350
48	5	5.155	72.164
47	10	10.309	67.010
46	11	11.340	56.701
45	10	10.309	45.360
44	10	10.309	35.051
43	8	8.247	24.742
42	4	4.124	16.495
41	7	7.216	12.371
40	2	2.062	5.155
39	1	1.031	3.093
38	1	1.031	2.062
37	0	0.000	1.031
36	0	0.000	1.031
35	1	1.031	1.031
34	0	0.000	0.000
33	0	0.000	0.000
32	0	0.000	0.000
31	0	0.000	0.000
30	0	0.000	0.000
29	0	0.000	0.000
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
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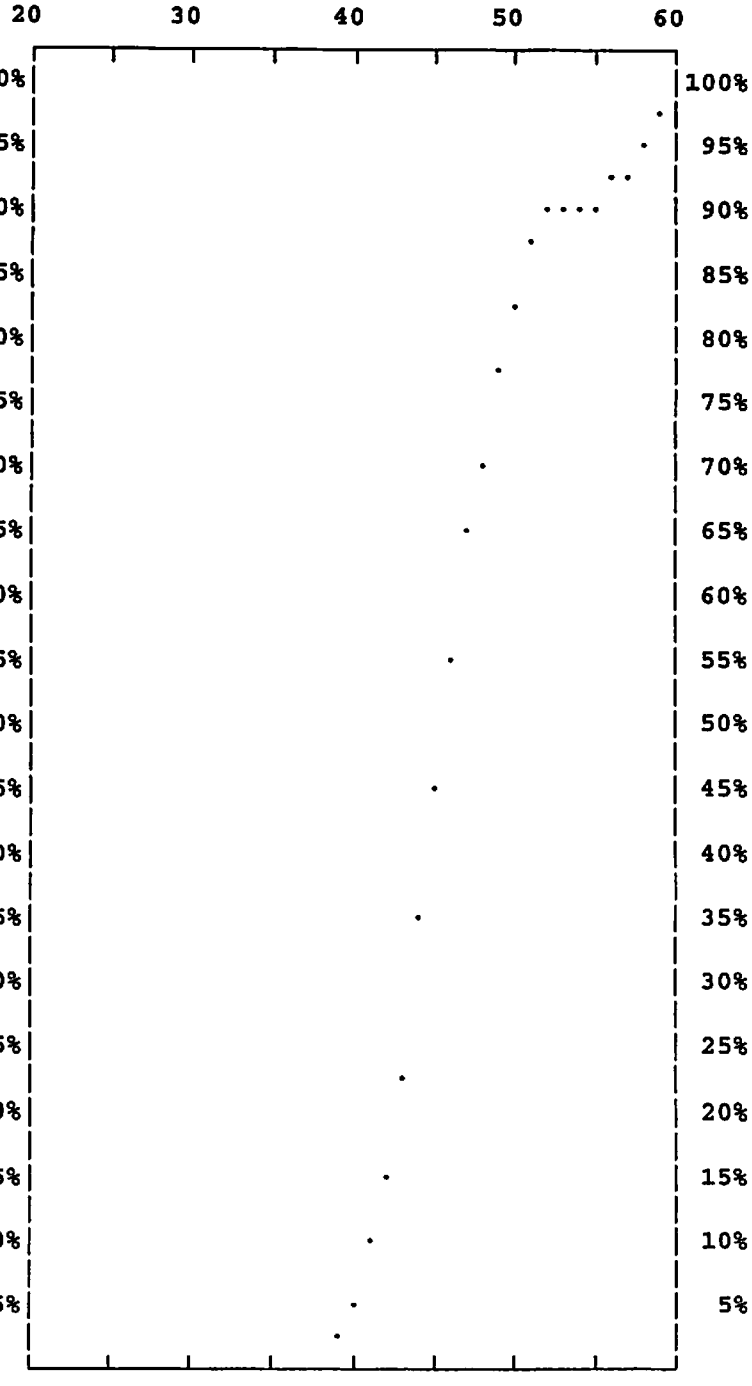

97 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	COLLEGE HGTS DOLPHIN/SPRINGER		
DIRECTION	SOUTHBOUND	15th PERCENTILE SPEED	42.19
DATE	10-15-08	50th PERCENTILE SPEED	46.73
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	52.22
TIME OF DAY	09:21AM - 10:04AM	95th PERCENTILE SPEED	54.93
POSTED SPEED LIMIT	45	RANGE OF SPEEDS	34 TO 60
NUMBER OF LANES	2	10 MPH PACE SPEEDS	43 TO 52
DEVELOPMENT	OPEN	PERCENT IN PACE	70.75
WEATHER	CLEAR	CALCULATED MEAN	47.36
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.98
95% CONFIDENCE GAP	46.06 TO 48.65	SKEWNESS INDEX	-0.04

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	3	2.830	99.998
59	2	1.887	97.168
58	0	0.000	95.281
57	0	0.000	95.281
56	0	0.000	95.281
55	4	3.774	95.281
54	3	2.830	91.508
53	5	4.717	88.678
52	4	3.774	83.961
51	6	5.660	80.187
50	5	4.717	74.527
49	8	7.547	69.810
48	10	9.434	62.263
47	11	10.377	52.829
46	7	6.604	42.452
45	6	5.660	35.848
44	8	7.547	30.188
43	10	9.434	22.641
42	3	2.830	13.207
41	3	2.830	10.377
40	2	1.887	7.547
39	0	0.000	5.660
38	2	1.887	5.660
37	2	1.887	3.773
36	0	0.000	1.887
35	1	0.943	1.887
34	1	0.943	0.943
33	0	0.000	0.000
32	0	0.000	0.000
31	0	0.000	0.000
30	0	0.000	0.000
29	0	0.000	0.000
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
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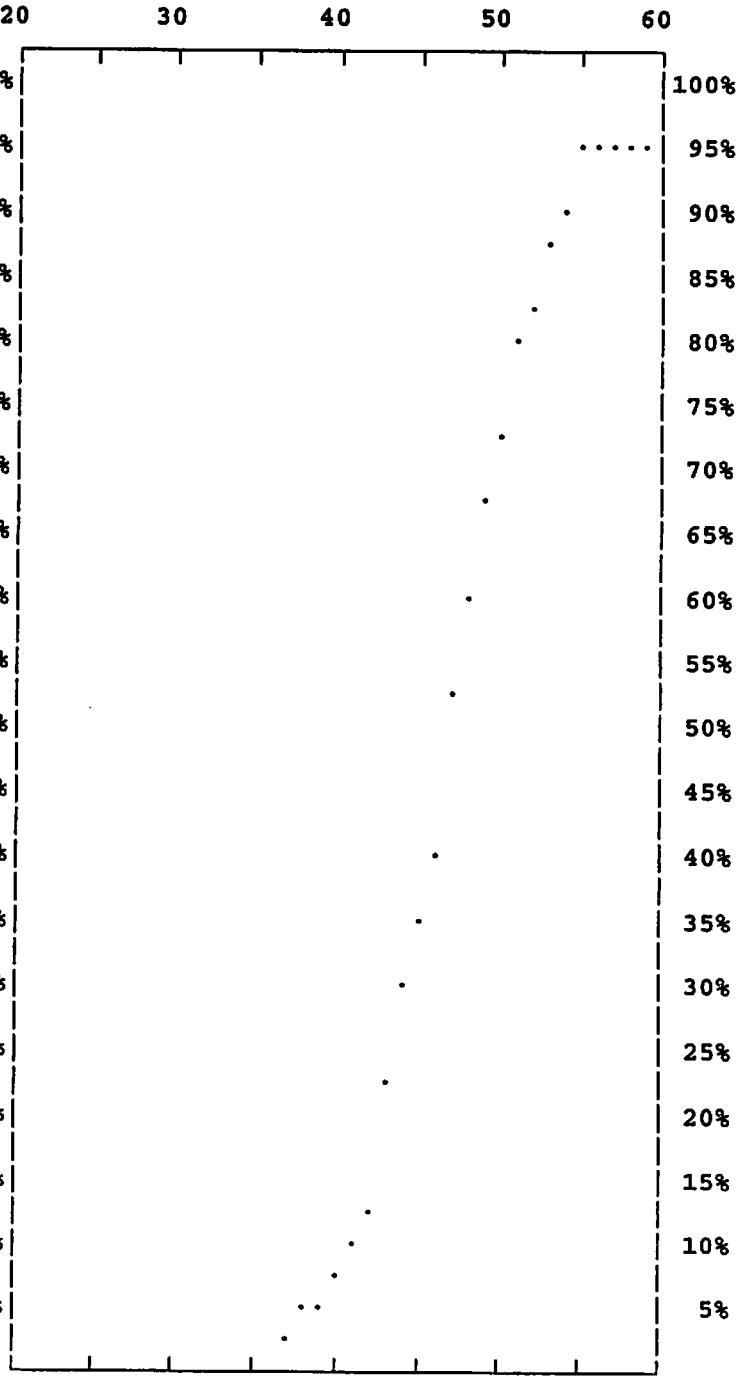

106 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST
LOCATION	COLLEGE HGTS DOLPHIN/SPRINGER
DIRECTION	TOTAL
DATE	10-15-08
DAY OF WEEK	Wednesday
TIME OF DAY	09:21AM - 10:04AM
POSTED SPEED LIMIT	45
NUMBER OF LANES	2
DEVELOPMENT	OPEN
WEATHER	CLEAR
ROAD CONDITION	PAVED
95% CONFIDENCE GAP	46.18 TO 47.79
PERFORMED BY	:G CRON

15th PERCENTILE SPEED	42.03
50th PERCENTILE SPEED	46.07
85th PERCENTILE SPEED	51.26
95th PERCENTILE SPEED	56.85
RANGE OF SPEEDS	34 TO 60
10 MPH PACE SPEEDS	42 TO 51
PERCENT IN PACE	72.91
CALCULATED MEAN	46.99
STANDARD DEVIATION	6.02
SKEWNESS INDEX	-0.19

SPEED	NUM	PCT	ACC %
60	4	1.970	99.999
59	4	1.970	98.029
58	2	0.985	96.058
57	1	0.493	95.073
56	2	0.985	94.580
55	5	2.463	93.595
54	3	1.478	91.132
53	5	2.463	89.654
52	6	2.956	87.191
51	11	5.419	84.236
50	10	4.926	78.817
49	14	6.897	73.891
48	15	7.389	66.994
47	21	10.345	59.605
46	18	8.867	49.261
45	16	7.882	40.394
44	18	8.867	32.512
43	18	8.867	23.645
42	7	3.448	14.778
41	10	4.926	11.330
40	4	1.970	6.404
39	1	0.493	4.433
38	3	1.478	3.941
37	2	0.985	2.463
36	0	0.000	1.478
35	2	0.985	1.478
34	1	0.493	0.493
33	0	0.000	0.000
32	0	0.000	0.000
31	0	0.000	0.000
30	0	0.000	0.000
29	0	0.000	0.000
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
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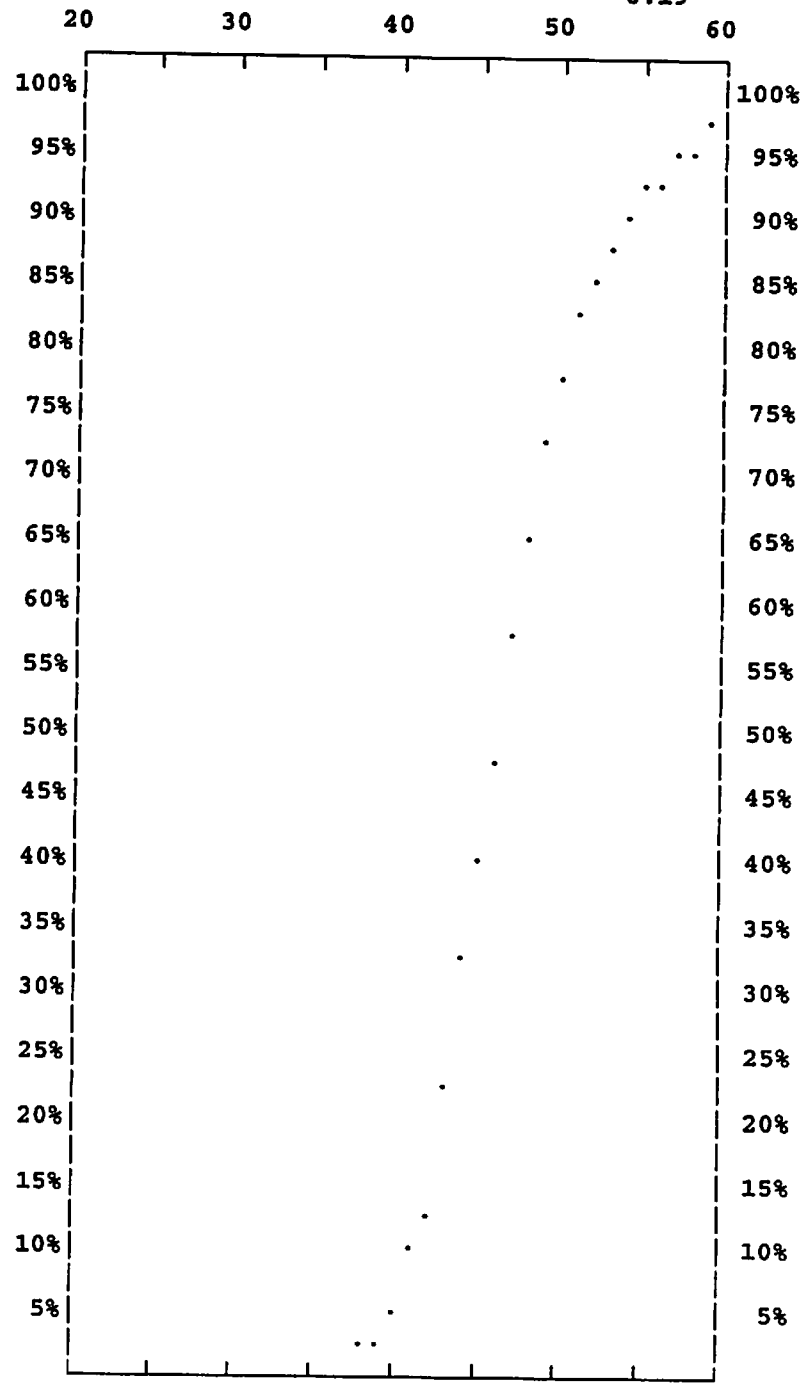
21	0	0.000	0.000



203 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION COLLEGE HGTS SPRINGER/KENDALL

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	42.49
DATE	10-16-08	50th PERCENTILE SPEED	46.97
DAY OF WEEK	Thursday	85th PERCENTILE SPEED	52.58
TIME OF DAY	09:33AM - 10:16AM	95th PERCENTILE SPEED	55.91
POSTED SPEED LIMIT	NONE	RANGE OF SPEEDS	33 TO 60
NUMBER OF LANES	2	10 MPH PACE SPEEDS	43 TO 52
DEVELOPMENT	OPEN/LIM ACC RES	PERCENT IN PACE	70.33
WEATHER	CLEAR	CALCULATED MEAN	47.92
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.92
95% CONFIDENCE GAP	47.14 TO 48.71	SKEWNESS INDEX	-0.16
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	209

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE NORTH 51 mph SPEED LIMIT ON THE SOUTH 51 mph

RECOMMENDATIONS _____

RECOMMENDED SPEED LIMIT 50 mph BY RK DATE 11/19/08

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	COLLEGE HGTS SPRINGER/KENDALL		
DIRECTION	NORTHBOUND	15th PERCENTILE SPEED	42.24
DATE	10-16-08	50th PERCENTILE SPEED	46.44
DAY OF WEEK	Thursday	85th PERCENTILE SPEED	51.65
TIME OF DAY	09:33AM - 10:16AM	95th PERCENTILE SPEED	54.57
POSTED SPEED LIMIT	NONE	RANGE OF SPEEDS	33 TO 60
NUMBER OF LANES	2	10 MPH PACE SPEEDS	42 TO 51
DEVELOPMENT	OPEN/LIM ACC RES	PERCENT IN PACE	73.79
WEATHER	CLEAR	CALCULATED MEAN	47.29
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.53
95% CONFIDENCE GAP	46.06 TO 48.52	SKEWNESS INDEX	-0.18

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	1	0.971	99.999
59	0	0.000	99.028
58	0	0.000	99.028
57	1	0.971	99.028
56	1	0.971	98.057
55	5	4.854	97.087
54	3	2.913	92.232
53	2	1.942	89.320
52	7	6.796	87.378
51	5	4.854	80.582
50	5	4.854	75.728
49	6	5.825	70.873
48	11	10.680	65.048
47	8	7.767	54.368
46	11	10.680	46.602
45	10	9.709	35.922
44	7	6.796	26.213
43	6	5.825	19.417
42	7	6.796	13.592
41	1	0.971	6.796
40	4	3.883	5.825
39	0	0.000	1.942
38	1	0.971	1.942
37	0	0.000	0.971
36	0	0.000	0.971
35	0	0.000	0.971
34	0	0.000	0.971
33	1	0.971	0.971
32	0	0.000	0.000
31	0	0.000	0.000
30	0	0.000	0.000
29	0	0.000	0.000
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
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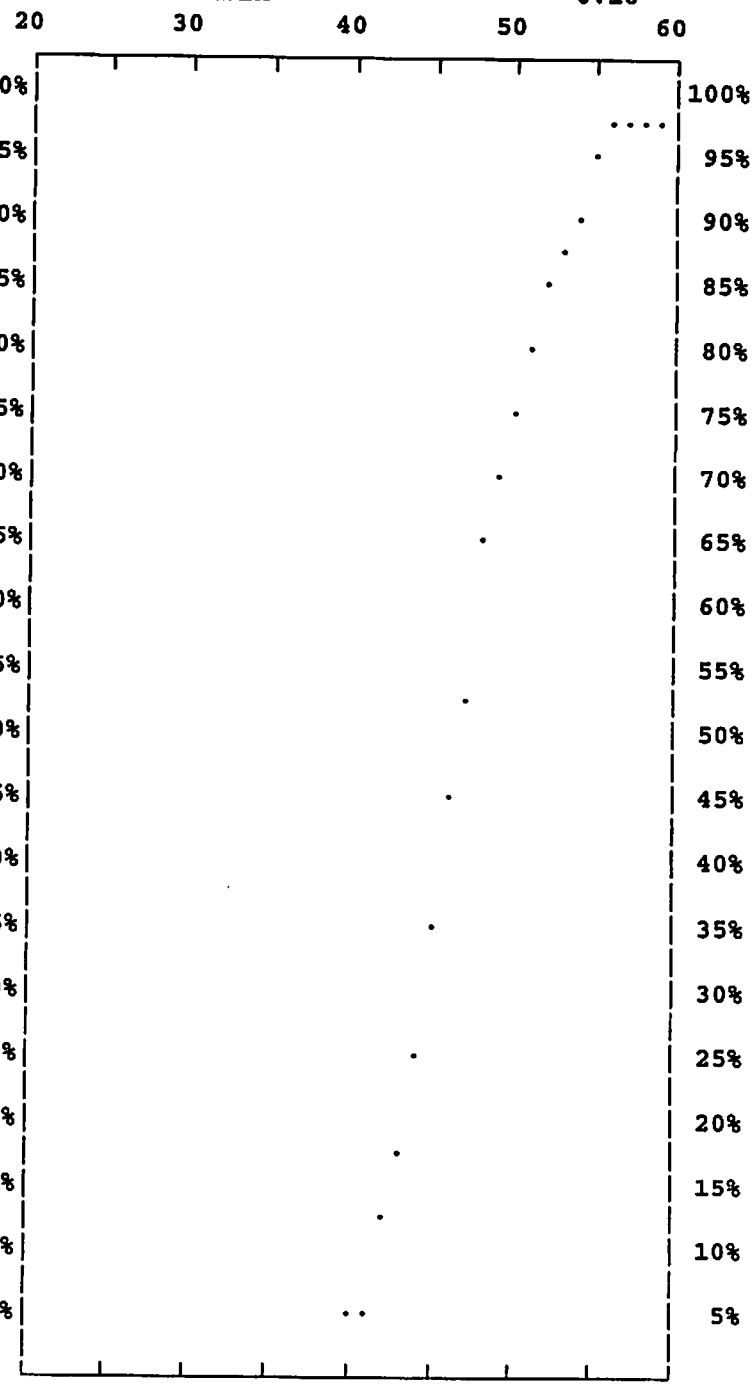

103 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	COLLEGE HGTS SPRINGER/KENDALL		
DIRECTION	SOUTHBOUND	15th PERCENTILE SPEED	42.78
DATE	10-16-08	50th PERCENTILE SPEED	47.57
DAY OF WEEK	Thursday	85th PERCENTILE SPEED	53.37
TIME OF DAY	09:33AM - 10:16AM	95th PERCENTILE SPEED	57.35
POSTED SPEED LIMIT	NONE	RANGE OF SPEEDS	35 TO 60
NUMBER OF LANES	2	10 MPH PACE SPEEDS	44 TO 53
DEVELOPMENT	OPEN/LIM ACC RES	PERCENT IN PACE	67.92
WEATHER	CLEAR	CALCULATED MEAN	48.54
ROAD CONDITION	PAVED	STANDARD DEVIATION	7.01
95% CONFIDENCE GAP	47.24 TO 49.84	SKEWNESS INDEX	-0.16

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	4	3.774	99.998
59	0	0.000	96.225
58	2	1.887	96.225
57	2	1.887	94.338
56	4	3.774	92.451
55	2	1.887	88.678
54	3	2.830	86.791
53	6	5.660	83.961
52	8	7.547	78.301
51	5	4.717	70.754
50	6	5.660	66.037
49	8	7.547	60.376
48	7	6.604	52.829
47	10	9.434	46.226
46	8	7.547	36.792
45	8	7.547	29.245
44	6	5.660	21.697
43	5	4.717	16.037
42	6	5.660	11.320
41	1	0.943	5.660
40	2	1.887	4.717
39	1	0.943	2.830
38	1	0.943	1.887
37	0	0.000	0.943
36	0	0.000	0.943
35	1	0.943	0.943
34	0	0.000	0.000
33	0	0.000	0.000
32	0	0.000	0.000
31	0	0.000	0.000
30	0	0.000	0.000
29	0	0.000	0.000
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
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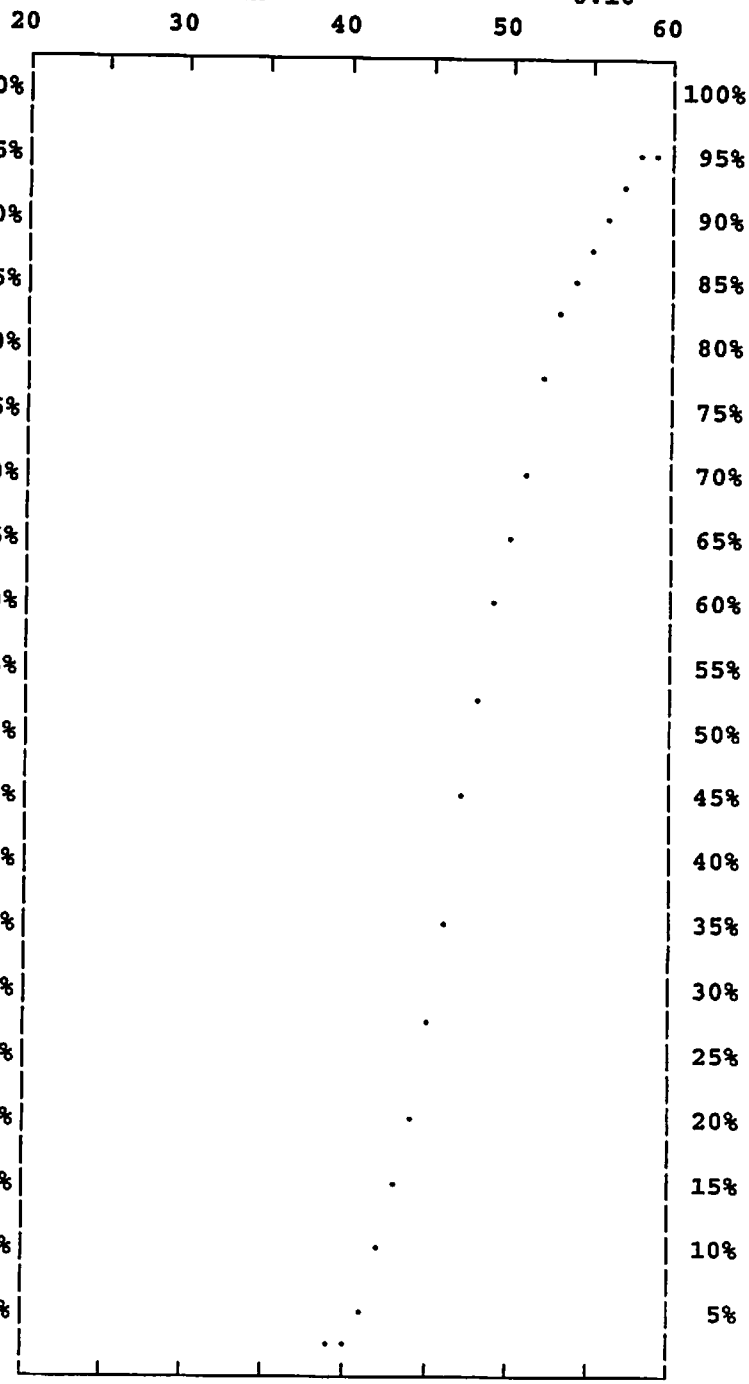
21	0	0.000	0.000



106 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	COLLEGE HGTS SPRINGER/KENDALL		
DIRECTION	TOTAL	15th PERCENTILE SPEED	42.49
DATE	10-16-08	50th PERCENTILE SPEED	46.97
DAY OF WEEK	Thursday	85th PERCENTILE SPEED	52.58
TIME OF DAY	09:33AM - 10:16AM	95th PERCENTILE SPEED	55.91
POSTED SPEED LIMIT	NONE	RANGE OF SPEEDS	33 TO 60
NUMBER OF LANES	2	10 MPH PACE SPEEDS	43 TO 52
DEVELOPMENT	OPEN/LIM ACC RES	PERCENT IN PACE	70.33
WEATHER	CLEAR	CALCULATED MEAN	47.92
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.92
95% CONFIDENCE GAP	47.14 TO 48.71	SKEWNESS INDEX	-0.16

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	5	2.392	99.999
59	0	0.000	97.607
58	2	0.957	97.607
57	3	1.435	96.650
56	5	2.392	95.214
55	7	3.349	92.822
54	6	2.871	89.473
53	8	3.828	86.602
52	15	7.177	82.774
51	10	4.785	75.597
50	11	5.263	70.813
49	14	6.699	65.550
48	18	8.612	58.851
47	18	8.612	50.239
46	19	9.091	41.626
45	18	8.612	32.535
44	13	6.220	23.923
43	11	5.263	17.703
42	13	6.220	12.440
41	2	0.957	6.220
40	6	2.871	5.263
39	1	0.478	2.392
38	2	0.957	1.914
37	0	0.000	0.957
36	0	0.000	0.957
35	1	0.478	0.957
34	0	0.000	0.478
33	1	0.478	0.478
32	0	0.000	0.000
31	0	0.000	0.000
30	0	0.000	0.000
29	0	0.000	0.000
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
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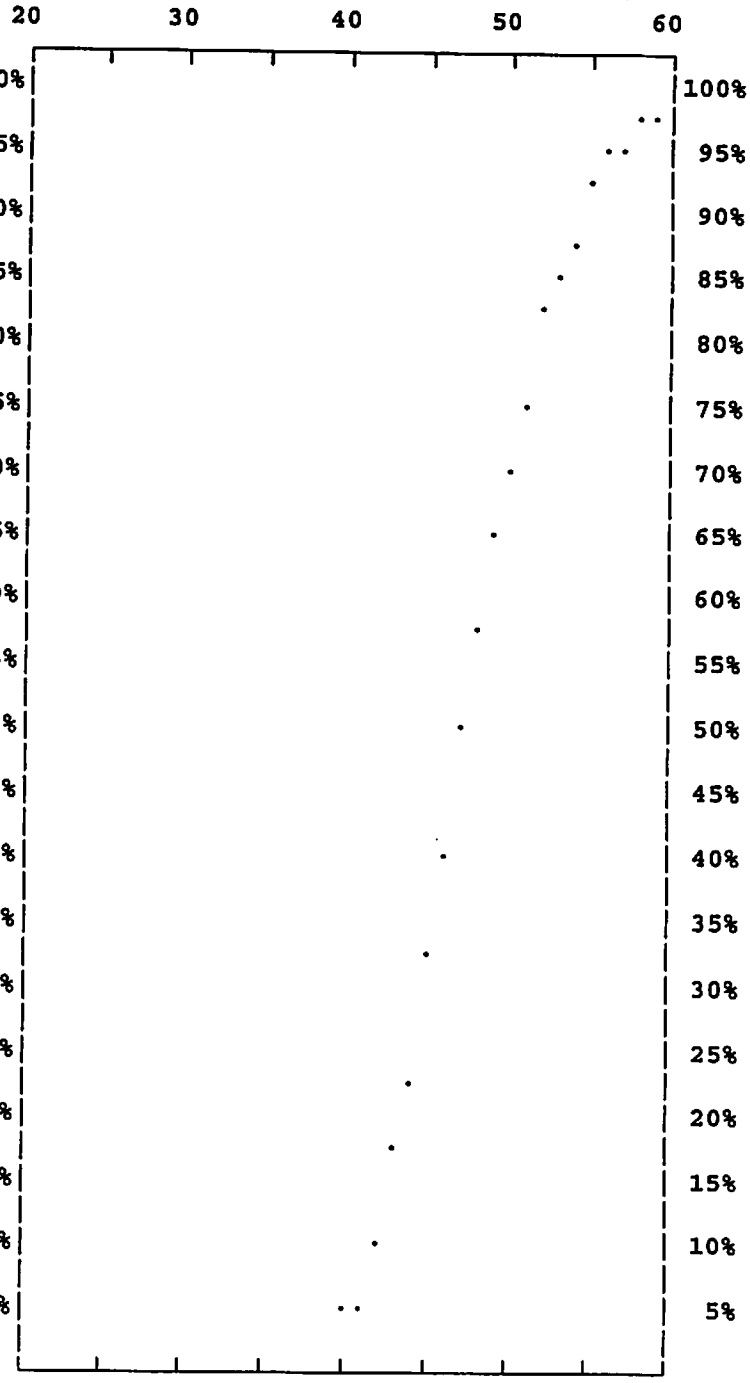
22	0	0.000	0.000
21	0	0.000	0.000



209 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION COLLEGE HGTS KENDALL/JAVIS

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	42.41
DATE	10-16-08	50th PERCENTILE SPEED	47.94
DAY OF WEEK	Thursday	85th PERCENTILE SPEED	55.56
TIME OF DAY	08:30AM - 09:30AM	95th PERCENTILE SPEED	59.10
POSTED SPEED LIMIT	NONE	RANGE OF SPEEDS	33 TO 60
NUMBER OF LANES	2	10 MPH PACE SPEEDS	43 TO 52
DEVELOPMENT	OPEN/LIM ACC RES	PERCENT IN PACE	57.87
WEATHER	CLEAR	CALCULATED MEAN	48.90
ROAD CONDITION	PAVED	STANDARD DEVIATION	7.02
95% CONFIDENCE GAP	47.94 TO 49.85	SKEWNESS INDEX	-0.11
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	197

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE NORTH 45mph SPEED LIMIT ON THE SOUTH 45mph

RECOMMENDATIONS For consistency of speed limit along College Heights and because of lane configuration ie without left turn pickets, it is recommended to post speed limit of 50mph along this section of College heights.

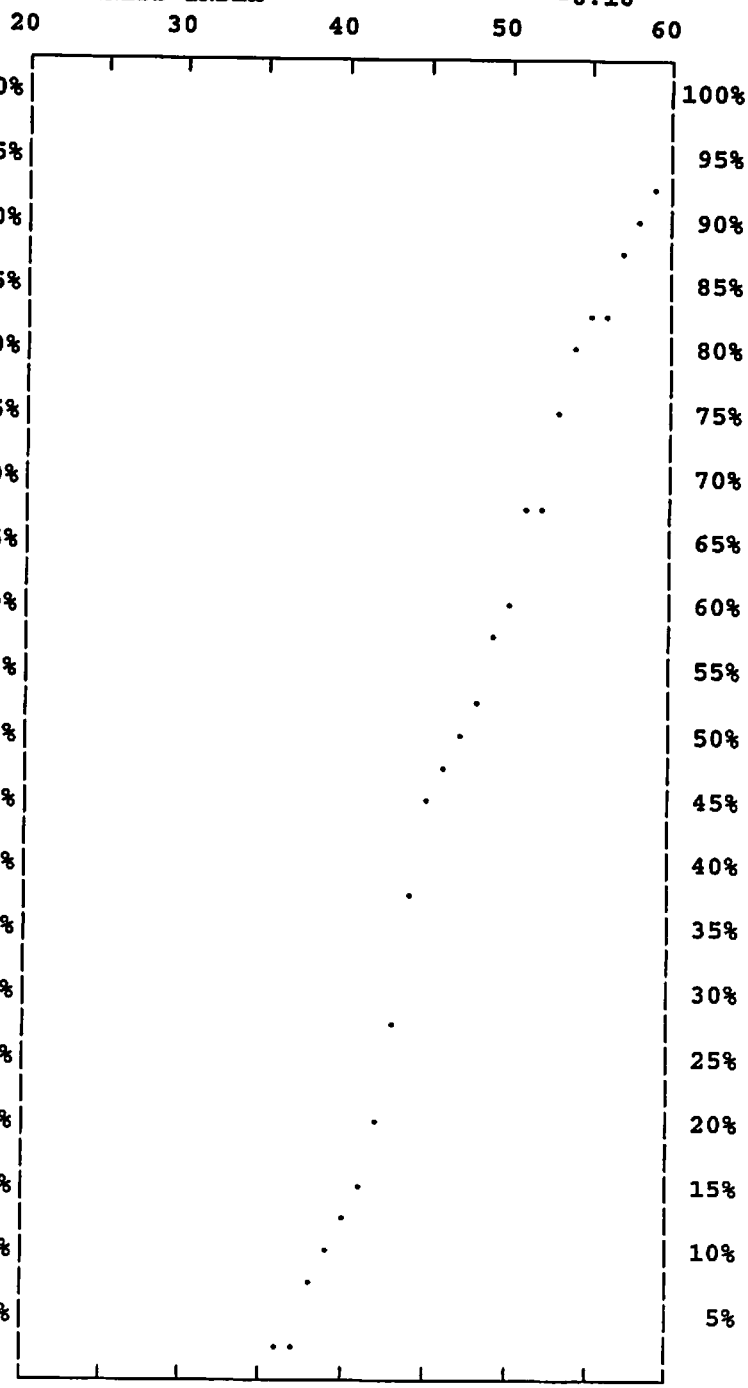
RECOMMENDED SPEED LIMIT 50mph BY RK DATE 11/19/08

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	COLLEGE HGTS KENDALL/JAVIS		
DIRECTION	NORTHBOUND	15th PERCENTILE SPEED	40.32
DATE	10-16-08	50th PERCENTILE SPEED	46.25
DAY OF WEEK	Thursday	85th PERCENTILE SPEED	56.02
TIME OF DAY	08:30AM - 09:30AM	95th PERCENTILE SPEED	59.07
POSTED SPEED LIMIT	NONE	RANGE OF SPEEDS	33 TO 60
NUMBER OF LANES	2	10 MPH PACE SPEEDS	42 TO 51
DEVELOPMENT	OPEN/LIM ACC RES	PERCENT IN PACE	50.54
WEATHER	CLEAR	CALCULATED MEAN	47.90
ROAD CONDITION	PAVED	STANDARD DEVIATION	8.47
95% CONFIDENCE GAP	46.22 TO 49.58	SKEWNESS INDEX	-0.18

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	5	5.376	99.999
59	2	2.151	94.623
58	4	4.301	92.472
57	3	3.226	88.171
56	2	2.151	84.945
55	2	2.151	82.795
54	5	5.376	80.644
53	5	5.376	75.268
52	2	2.151	69.892
51	5	5.376	67.741
50	3	3.226	62.365
49	4	4.301	59.139
48	3	3.226	54.838
47	2	2.151	51.612
46	4	4.301	49.462
45	7	7.527	45.161
44	8	8.602	37.634
43	7	7.527	29.032
42	4	4.301	21.505
41	3	3.226	17.204
40	2	2.151	13.978
39	4	4.301	11.828
38	3	3.226	7.527
37	0	0.000	4.301
36	3	3.226	4.301
35	0	0.000	1.075
34	0	0.000	1.075
33	1	1.075	1.075
32	0	0.000	0.000
31	0	0.000	0.000
30	0	0.000	0.000
29	0	0.000	0.000
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



93 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	COLLEGE HGTS KENDALL/JAVIS		
DIRECTION	SOUTHBOUND	15th PERCENTILE SPEED	44.18
DATE	10-16-08	50th PERCENTILE SPEED	48.67
DAY OF WEEK	Thursday	85th PERCENTILE SPEED	55.40
TIME OF DAY	08:30AM - 09:30AM	95th PERCENTILE SPEED	59.13
POSTED SPEED LIMIT	NONE	RANGE OF SPEEDS	38 TO 60
NUMBER OF LANES	2	10 MPH PACE SPEEDS	44 TO 53
DEVELOPMENT	OPEN/LIM ACC RES	PERCENT IN PACE	67.31
WEATHER	CLEAR	CALCULATED MEAN	49.79
ROAD CONDITION	PAVED	STANDARD DEVIATION	7.14
95% CONFIDENCE GAP	48.45 TO 51.13	SKEWNESS INDEX	-0.24

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	6	5.769	99.999
59	3	2.885	94.230
58	1	0.962	91.345
57	2	1.923	90.384
56	6	5.769	88.461
55	4	3.846	82.692
54	3	2.885	78.846
53	5	4.808	75.961
52	6	5.769	71.153
51	8	7.692	65.384
50	6	5.769	57.692
49	6	5.769	51.923
48	6	5.769	46.153
47	11	10.577	40.384
46	8	7.692	29.807
45	9	8.654	22.115
44	5	4.808	13.461
43	4	3.846	8.654
42	1	0.962	4.808
41	2	1.923	3.846
40	1	0.962	1.923
39	0	0.000	0.962
38	1	0.962	0.962
37	0	0.000	0.000
36	0	0.000	0.000
35	0	0.000	0.000
34	0	0.000	0.000
33	0	0.000	0.000
32	0	0.000	0.000
31	0	0.000	0.000
30	0	0.000	0.000
29	0	0.000	0.000
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
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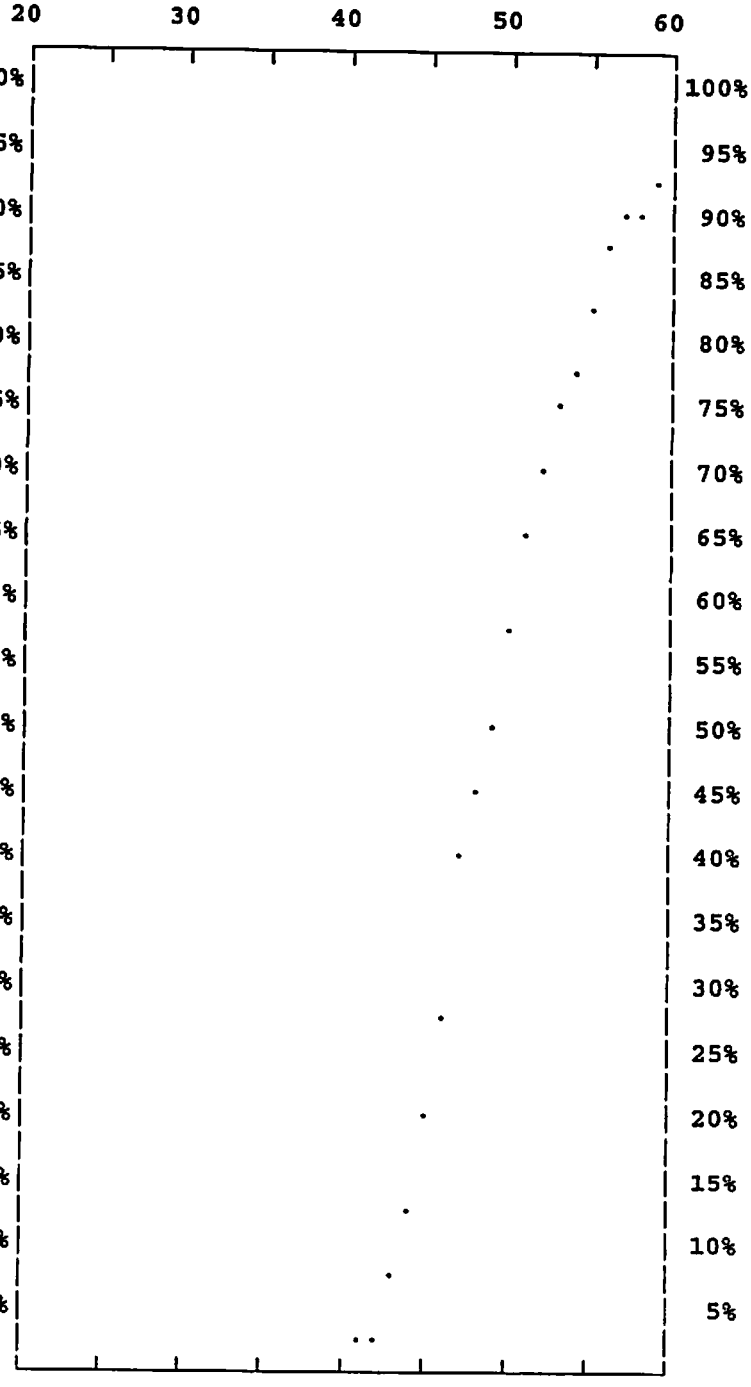

104 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST
LOCATION	COLLEGE HGTS KENDALL/JAVIS
DIRECTION	TOTAL
DATE	10-16-08
DAY OF WEEK	Thursday
TIME OF DAY	08:30AM - 09:30AM
POSTED SPEED LIMIT	NONE
NUMBER OF LANES	2
DEVELOPMENT	OPEN/LIM ACC RES
WEATHER	CLEAR
ROAD CONDITION	PAVED
95% CONFIDENCE GAP	47.94 TO 49.85
PERFORMED BY	:G CRON

15th PERCENTILE SPEED	42.41
50th PERCENTILE SPEED	47.94
85th PERCENTILE SPEED	55.56
95th PERCENTILE SPEED	59.10
RANGE OF SPEEDS	33 TO 60
10 MPH PACE SPEEDS	43 TO 52
PERCENT IN PACE	57.87
CALCULATED MEAN	48.90
STANDARD DEVIATION	7.02
SKEWNESS INDEX	-0.11

SPEED	NUM	PCT	ACC %
60	11	5.584	99.999
59	5	2.538	94.415
58	5	2.538	91.877
57	5	2.538	89.339
56	8	4.061	86.801
55	6	3.046	82.740
54	8	4.061	79.695
53	10	5.076	75.634
52	8	4.061	70.558
51	13	6.599	66.497
50	9	4.569	59.898
49	10	5.076	55.329
48	9	4.569	50.253
47	13	6.599	45.685
46	12	6.091	39.086
45	16	8.122	32.994
44	13	6.599	24.873
43	11	5.584	18.274
42	5	2.538	12.690
41	5	2.538	10.152
40	3	1.523	7.614
39	4	2.030	6.091
38	4	2.030	4.061
37	0	0.000	2.030
36	3	1.523	2.030
35	0	0.000	0.508
34	0	0.000	0.508
33	1	0.508	0.508
32	0	0.000	0.000
31	0	0.000	0.000
30	0	0.000	0.000
29	0	0.000	0.000
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
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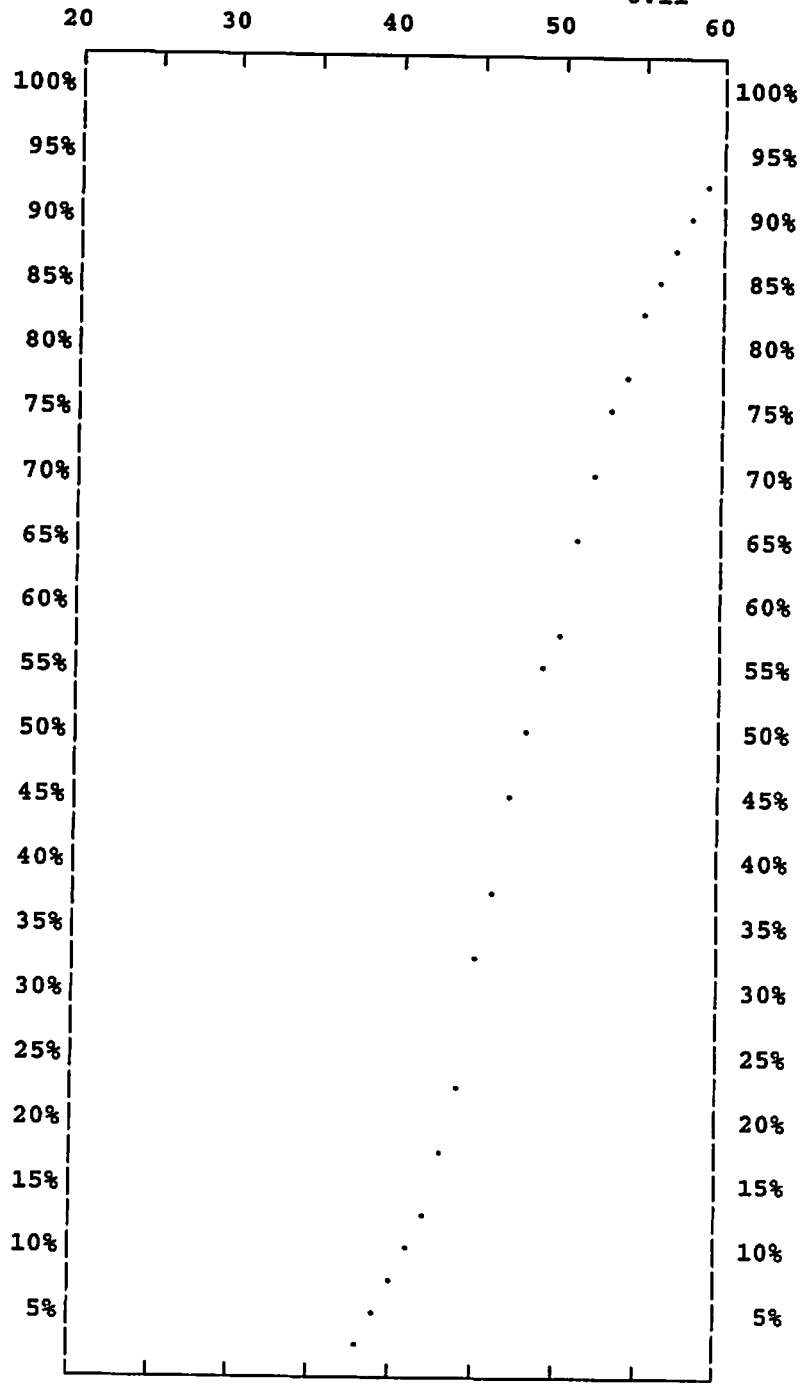
21	0	0.000	0.000



197 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION COLLEGE HGTS S/O JAVIS

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	44.04
DATE	10-15-08	50th PERCENTILE SPEED	48.96
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	54.66
TIME OF DAY	10:06AM - 11:06AM	95th PERCENTILE SPEED	58.78
POSTED SPEED LIMIT	NONE	RANGE OF SPEEDS	38 TO 60
NUMBER OF LANES	2	10 MPH PACE SPEEDS	44 TO 53
DEVELOPMENT	OPEN	PERCENT IN PACE	69.23
WEATHER	CLEAR	CALCULATED MEAN	49.75
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.33
95% CONFIDENCE GAP	48.82 TO 50.68	SKEWNESS INDEX	-0.14
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	169

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE NORTH 45 mph SPEED LIMIT ON THE SOUTH 45 mph

RECOMMENDATIONS _____

RECOMMENDED SPEED LIMIT 50 mph BY RK DATE 11/15/08

RADAR SURVEY STATISTICS

CITY	RIDGECREST
LOCATION	COLLEGE HGTS S/O JAVIS
DIRECTION	NORTHBOUND
DATE	10-15-08
DAY OF WEEK	Wednesday
TIME OF DAY	10:06AM - 11:06AM
POSTED SPEED LIMIT	NONE
NUMBER OF LANES	2
DEVELOPMENT	OPEN
WEATHER	CLEAR
ROAD CONDITION	PAVED
95% CONFIDENCE GAP	49.15 TO 52.76
PERFORMED BY	:G CRON

15th PERCENTILE SPEED	46.23
50th PERCENTILE SPEED	50.11
85th PERCENTILE SPEED	55.10
95th PERCENTILE SPEED	58.70
RANGE OF SPEEDS	40 TO 60
10 MPH PACE SPEEDS	45 TO 54
PERCENT IN PACE	75.76
CALCULATED MEAN	50.95
STANDARD DEVIATION	7.66
SKEWNESS INDEX	-0.15

SPEED	NUM	PCT	ACC %
60	3	4.545	99.999
59	1	1.515	95.454
58	4	6.061	93.939
57	1	1.515	87.878
56	1	1.515	86.363
55	3	4.545	84.848
54	2	3.030	80.303
53	5	7.576	77.272
52	5	7.576	69.697
51	9	13.636	62.121
50	8	12.121	48.485
49	7	10.606	36.363
48	4	6.061	25.757
47	4	6.061	19.697
46	2	3.030	13.636
45	4	6.061	10.606
44	1	1.515	4.545
43	1	1.515	3.030
42	0	0.000	1.515
41	0	0.000	1.515
40	1	1.515	1.515
39	0	0.000	0.000
38	0	0.000	0.000
37	0	0.000	0.000
36	0	0.000	0.000
35	0	0.000	0.000
34	0	0.000	0.000
33	0	0.000	0.000
32	0	0.000	0.000
31	0	0.000	0.000
30	0	0.000	0.000
29	0	0.000	0.000
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
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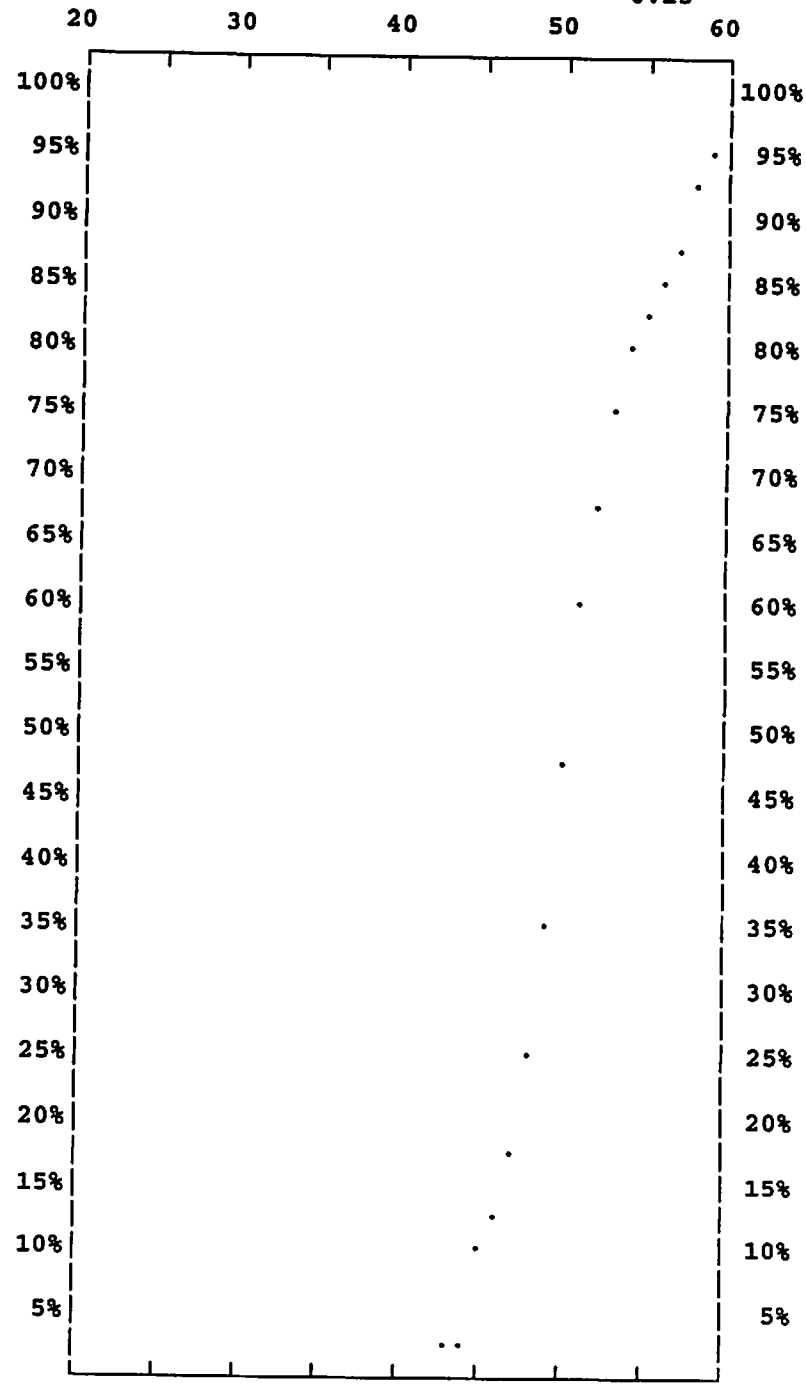

66 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	COLLEGE HGTS S/O JAVIS		
DIRECTION	SOUTHBOUND	15th PERCENTILE SPEED	43.18
DATE	10-15-08	50th PERCENTILE SPEED	47.63
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	54.39
TIME OF DAY	10:06AM - 11:06AM	95th PERCENTILE SPEED	58.85
POSTED SPEED LIMIT	NONE	RANGE OF SPEEDS	38 TO 60
NUMBER OF LANES	2	10 MPH PACE SPEEDS	44 TO 53
DEVELOPMENT	OPEN	PERCENT IN PACE	66.02
WEATHER	CLEAR	CALCULATED MEAN	48.98
ROAD CONDITION	PAVED	STANDARD DEVIATION	7.19
95% CONFIDENCE GAP	47.63 TO 50.33	SKEWNESS INDEX	-0.23

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	5	4.854	99.999
59	1	0.971	95.144
58	2	1.942	94.174
57	3	2.913	92.232
56	2	1.942	89.319
55	4	3.883	87.378
54	4	3.883	83.494
53	6	5.825	79.611
52	7	6.796	73.786
51	5	4.854	66.990
50	3	2.913	62.135
49	5	4.854	59.223
48	12	11.650	54.368
47	7	6.796	42.718
46	9	8.738	35.922
45	6	5.825	27.184
44	8	7.767	21.359
43	5	4.854	13.592
42	4	3.883	8.738
41	0	0.000	4.854
40	2	1.942	4.854
39	1	0.971	2.913
38	2	1.942	1.942
37	0	0.000	0.000
36	0	0.000	0.000
35	0	0.000	0.000
34	0	0.000	0.000
33	0	0.000	0.000
32	0	0.000	0.000
31	0	0.000	0.000
30	0	0.000	0.000
29	0	0.000	0.000
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
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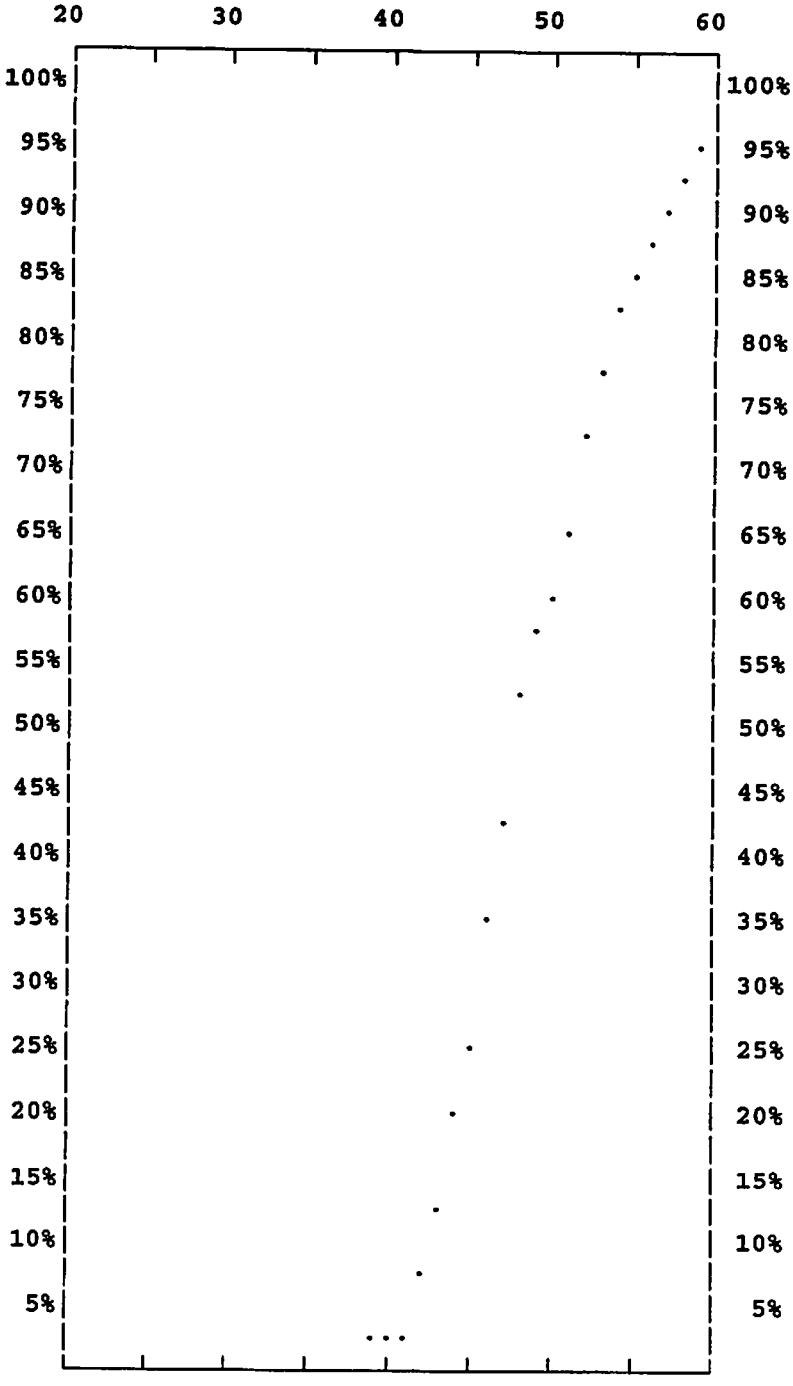
21	0	0.000	0.000



103 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	COLLEGE HGTS S/O JAVIS		
DIRECTION	TOTAL	15th PERCENTILE SPEED	44.04
DATE	10-15-08	50th PERCENTILE SPEED	48.96
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	54.66
TIME OF DAY	10:06AM - 11:06AM	95th PERCENTILE SPEED	58.78
POSTED SPEED LIMIT	NONE	RANGE OF SPEEDS	38 TO 60
NUMBER OF LANES	2	10 MPH PACE SPEEDS	44 TO 53
DEVELOPMENT	OPEN	PERCENT IN PACE	69.23
WEATHER	CLEAR	CALCULATED MEAN	49.75
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.33
95% CONFIDENCE GAP	48.82 TO 50.68	SKEWNESS INDEX	-0.14

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	8	4.734	99.999
59	2	1.183	95.265
58	6	3.550	94.082
57	4	2.367	90.531
56	3	1.775	88.165
55	7	4.142	86.390
54	6	3.550	82.248
53	11	6.509	78.697
52	12	7.101	72.189
51	14	8.284	65.088
50	11	6.509	56.804
49	12	7.101	50.295
48	16	9.467	43.195
47	11	6.509	33.727
46	11	6.509	27.219
45	10	5.917	20.710
44	9	5.325	14.793
43	6	3.550	9.467
42	4	2.367	5.917
41	0	0.000	3.550
40	3	1.775	3.550
39	1	0.592	1.775
38	2	1.183	1.183
37	0	0.000	0.000
36	0	0.000	0.000
35	0	0.000	0.000
34	0	0.000	0.000
33	0	0.000	0.000
32	0	0.000	0.000
31	0	0.000	0.000
30	0	0.000	0.000
29	0	0.000	0.000
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
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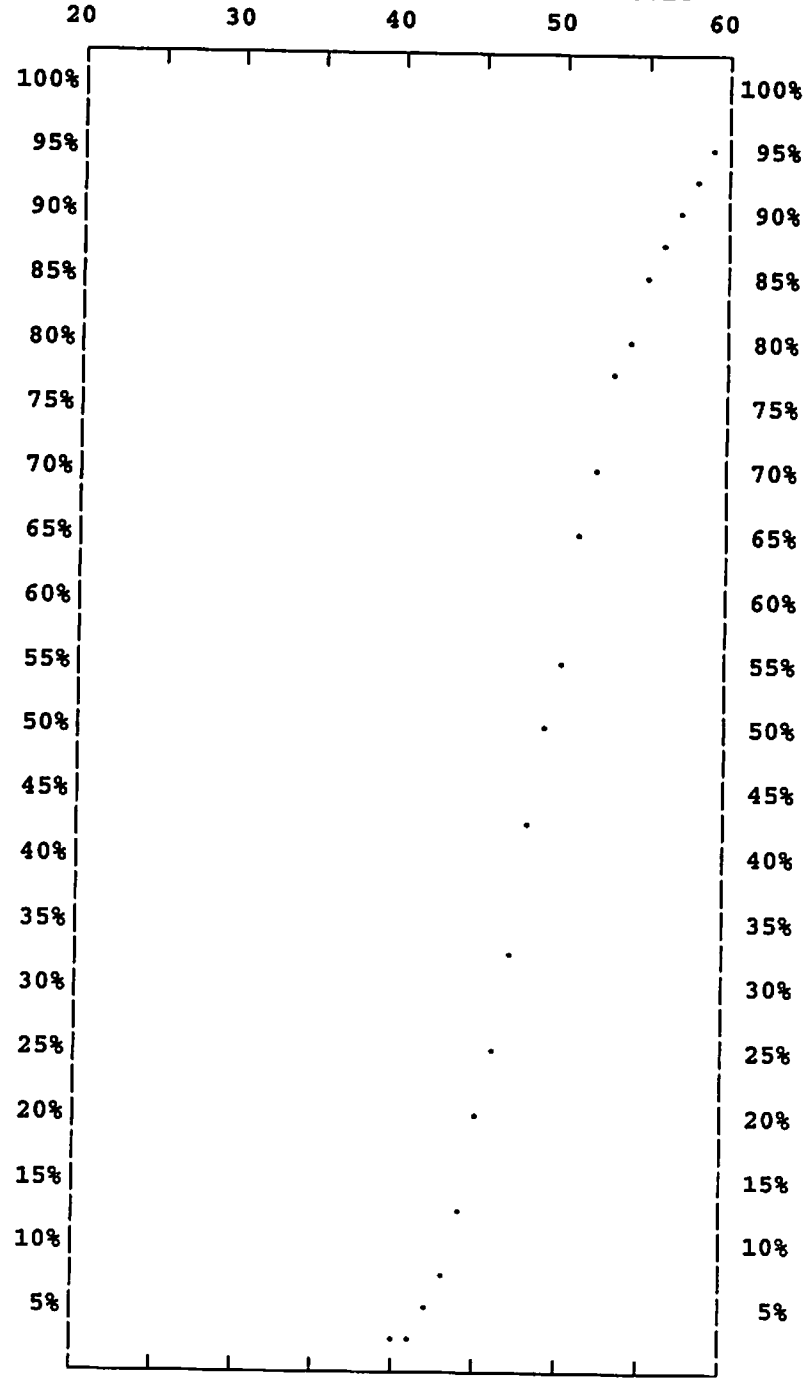
22	0	0.000	0.000
21	0	0.000	0.000



169 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION UPJOHN MAHAN/DOWNS

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	29.34
DATE	10-15-08	50th PERCENTILE SPEED	33.57
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	39.26
TIME OF DAY	11:11AM - 12:11PM	95th PERCENTILE SPEED	44.55
POSTED SPEED LIMIT	25	RANGE OF SPEEDS	23 TO 56
NUMBER OF LANES	2	10 MPH PACE SPEEDS	29 TO 38
DEVELOPMENT	RESIDENTIAL	PERCENT IN PACE	71.74
WEATHER	CLEAR	CALCULATED MEAN	34.72
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.24
95% CONFIDENCE GAP	33.70 TO 35.73	SKEWNESS INDEX	-0.18
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	138

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE EAST 25mph SPEED LIMIT ON THE WEST 25mph

RECOMMENDATIONS _____

RECOMMENDED SPEED LIMIT 40mph BY RK DATE 11/19/08

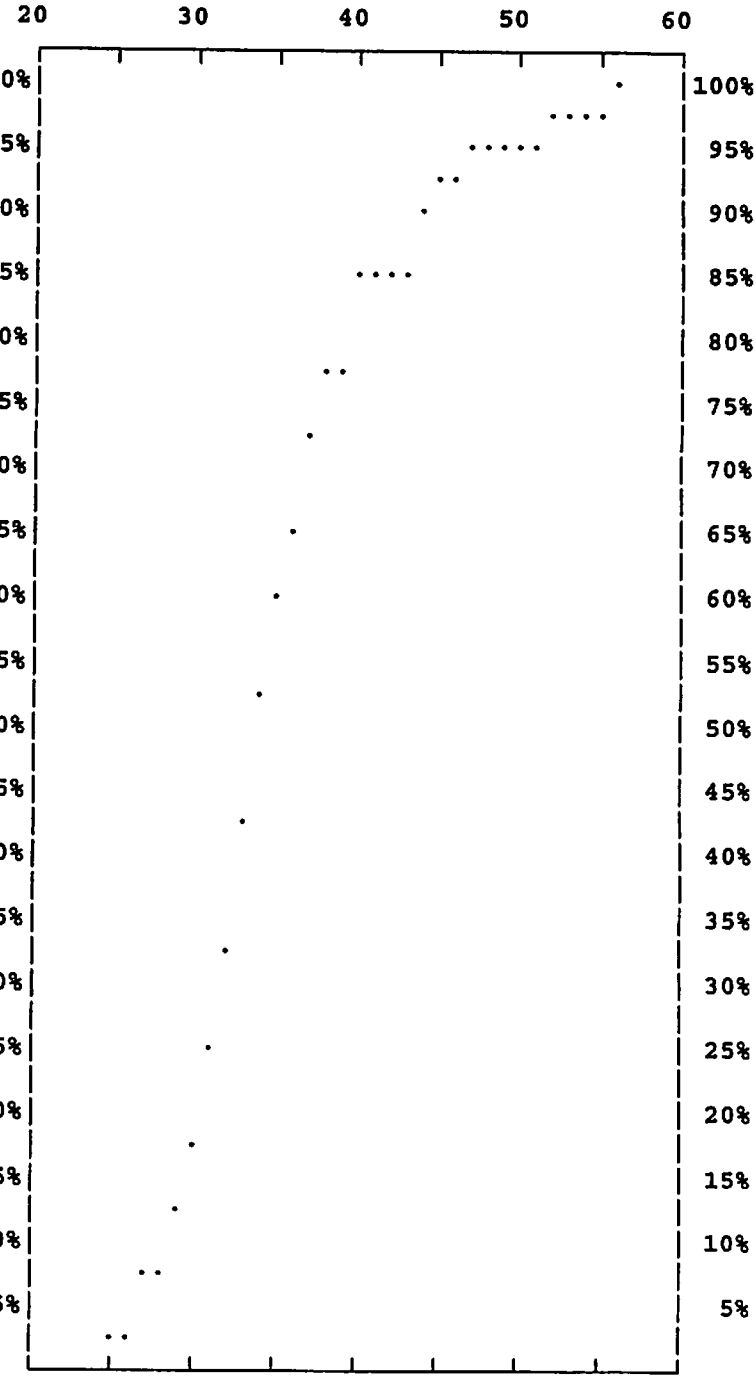
RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	UPJOHN MAHAN/DOWNS		
DIRECTION	EASTBOUND	15th PERCENTILE SPEED	29.17
DATE	10-15-08	50th PERCENTILE SPEED	33.67
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	39.88
TIME OF DAY	11:11AM - 12:11PM	95th PERCENTILE SPEED	46.50
POSTED SPEED LIMIT	25	RANGE OF SPEEDS	24 TO 56
NUMBER OF LANES	2	10 MPH PACE SPEEDS	29 TO 38
DEVELOPMENT	RESIDENTIAL	PERCENT IN PACE	68.57
WEATHER	CLEAR	CALCULATED MEAN	35.21
ROAD CONDITION	PAVED	STANDARD DEVIATION	7.51
95% CONFIDENCE GAP	33.50 TO 36.93	SKEWNESS INDEX	-0.24

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	1	1.429	99.999
55	0	0.000	98.570
54	0	0.000	98.570
53	0	0.000	98.570
52	1	1.429	98.570
51	0	0.000	97.142
50	1	1.429	97.142
49	0	0.000	95.713
48	0	0.000	95.713
47	1	1.429	95.713
46	1	1.429	94.285
45	1	1.429	92.856
44	3	4.286	91.428
43	0	0.000	87.142
42	0	0.000	87.142
41	1	1.429	87.142
40	4	5.714	85.713
39	1	1.429	79.999
38	4	5.714	78.571
37	4	5.714	72.857
36	4	5.714	67.142
35	6	8.571	61.428
34	6	8.571	52.857
33	7	10.000	44.285
32	5	7.143	34.285
31	6	8.571	27.143
30	3	4.286	18.571
29	3	4.286	14.285
28	1	1.429	10.000
27	4	5.714	8.571
26	0	0.000	2.857
25	1	1.429	2.857
24	1	1.429	1.429
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000

70 VEHICLES OBSERVED



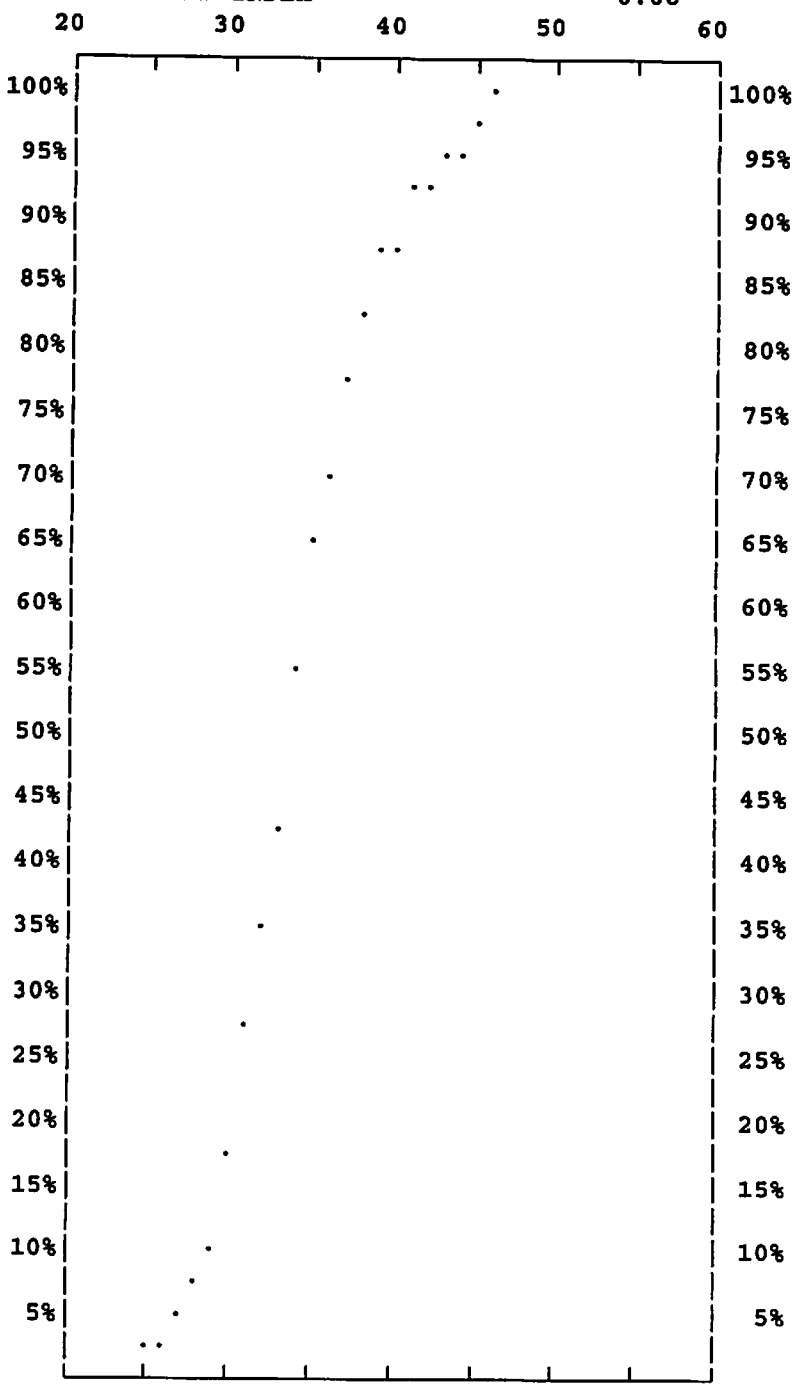
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	UPJOHN MAHAN/DOWNS		
DIRECTION	WESTBOUND	15th PERCENTILE SPEED	29.44
DATE	10-15-08	50th PERCENTILE SPEED	33.50
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	38.27
TIME OF DAY	11:11AM - 12:11PM	95th PERCENTILE SPEED	42.30
POSTED SPEED LIMIT	25	RANGE OF SPEEDS	23 TO 46
NUMBER OF LANES	2	10 MPH PACE SPEEDS	30 TO 39
DEVELOPMENT	RESIDENTIAL	PERCENT IN PACE	76.47
WEATHER	CLEAR	CALCULATED MEAN	34.21
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.24
95% CONFIDENCE GAP	32.76 TO 35.65	SKEWNESS INDEX	-0.08

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	0	0.000	99.999
52	0	0.000	99.999
51	0	0.000	99.999
50	0	0.000	99.999
49	0	0.000	99.999
48	0	0.000	99.999
47	0	0.000	99.999
46	1	1.471	99.999
45	1	1.471	98.528
44	0	0.000	97.058
43	2	2.941	97.058
42	1	1.471	94.117
41	2	2.941	92.646
40	1	1.471	89.705
39	3	4.412	88.234
38	4	5.882	83.823
37	4	5.882	77.940
36	4	5.882	72.058
35	7	10.294	66.176
34	8	11.765	55.882
33	6	8.824	44.117
32	4	5.882	35.294
31	7	10.294	29.411
30	5	7.353	19.117
29	2	2.941	11.764
28	1	1.471	8.823
27	2	2.941	7.353
26	1	1.471	4.412
25	1	1.471	2.941
24	0	0.000	1.471
23	1	1.471	1.471
22	0	0.000	0.000
21	0	0.000	0.000



68 VEHICLES OBSERVED

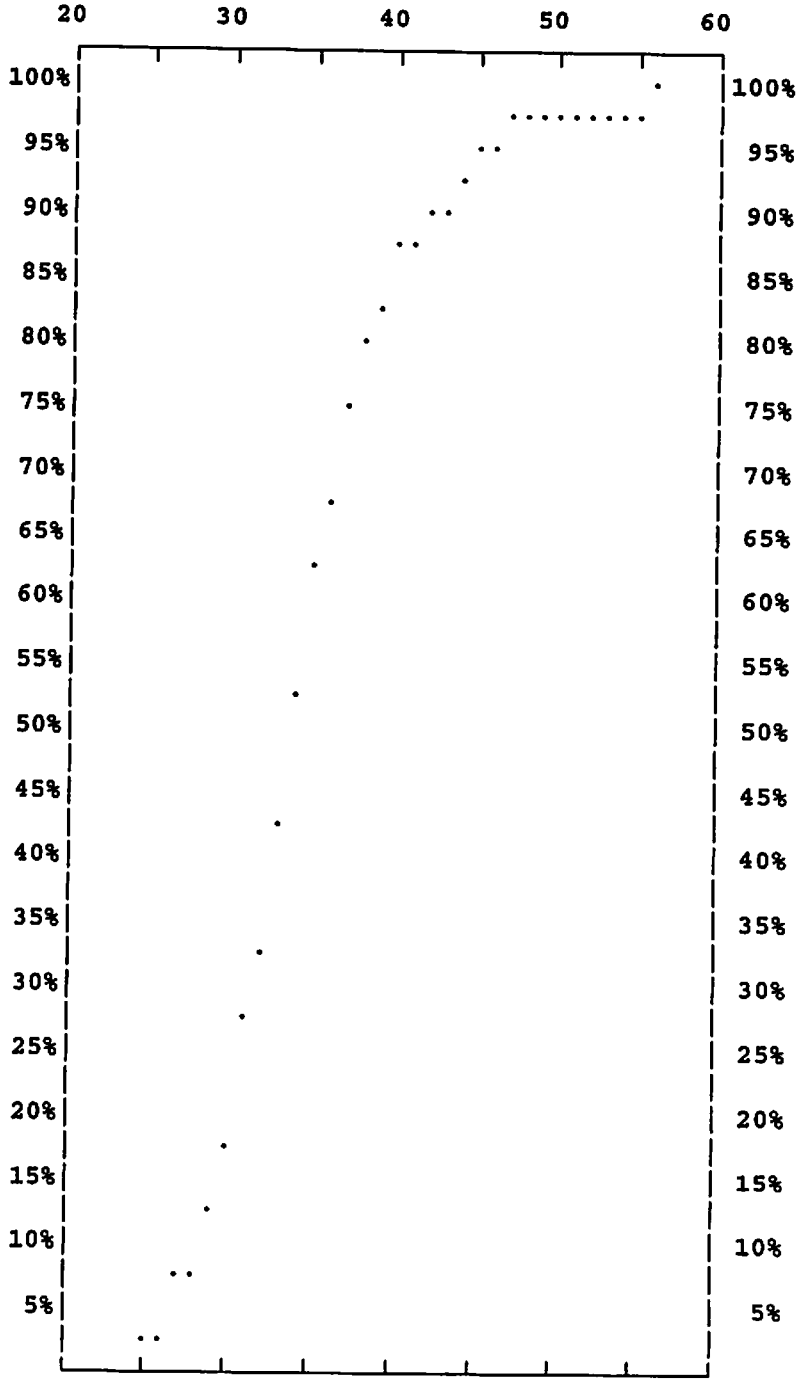
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	UPJOHN MAHAN/DOWNS		
DIRECTION	TOTAL	15th PERCENTILE SPEED	29.34
DATE	10-15-08	50th PERCENTILE SPEED	33.57
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	39.26
TIME OF DAY	11:11AM - 12:11PM	95th PERCENTILE SPEED	44.55
POSTED SPEED LIMIT	25	RANGE OF SPEEDS	23 TO 56
NUMBER OF LANES	2	10 MPH PACE SPEEDS	29 TO 38
DEVELOPMENT	RESIDENTIAL	PERCENT IN PACE	71.74
WEATHER	CLEAR	CALCULATED MEAN	34.72
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.24
95% CONFIDENCE GAP	33.70 TO 35.73	SKEWNESS INDEX	-0.18

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	1	0.725	99.999
55	0	0.000	99.274
54	0	0.000	99.274
53	0	0.000	99.274
52	1	0.725	99.274
51	0	0.000	98.550
50	1	0.725	98.550
49	0	0.000	97.825
48	0	0.000	97.825
47	1	0.725	97.825
46	2	1.449	97.100
45	2	1.449	95.651
44	3	2.174	94.202
43	2	1.449	92.028
42	1	0.725	90.579
41	3	2.174	89.854
40	5	3.623	87.680
39	4	2.899	84.057
38	8	5.797	81.159
37	8	5.797	75.362
36	8	5.797	69.565
35	13	9.420	63.767
34	14	10.145	54.347
33	13	9.420	44.202
32	9	6.522	34.782
31	13	9.420	28.260
30	8	5.797	18.840
29	5	3.623	13.043
28	2	1.449	9.420
27	6	4.348	7.971
26	1	0.725	3.623
25	2	1.449	2.898
24	1	0.725	1.449
23	1	0.725	0.725
22	0	0.000	0.000
21	0	0.000	0.000



138 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION UPJOHN DOWNS/NORMA

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	31.57
DATE	10-15-08	50th PERCENTILE SPEED	36.29
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	41.36
TIME OF DAY	12:13PM - 12:54PM	95th PERCENTILE SPEED	45.47
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	24 TO 52
NUMBER OF LANES	2	10 MPH PACE SPEEDS	31 TO 40
DEVELOPMENT	OPEN/RES	PERCENT IN PACE	71.70
WEATHER	CLEAR	CALCULATED MEAN	36.93
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.57
95% CONFIDENCE GAP	36.20 TO 37.66	SKEWNESS INDEX	-0.07
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	212

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE EAST 35mph SPEED LIMIT ON THE WEST 35mph

RECOMMENDATIONS _____

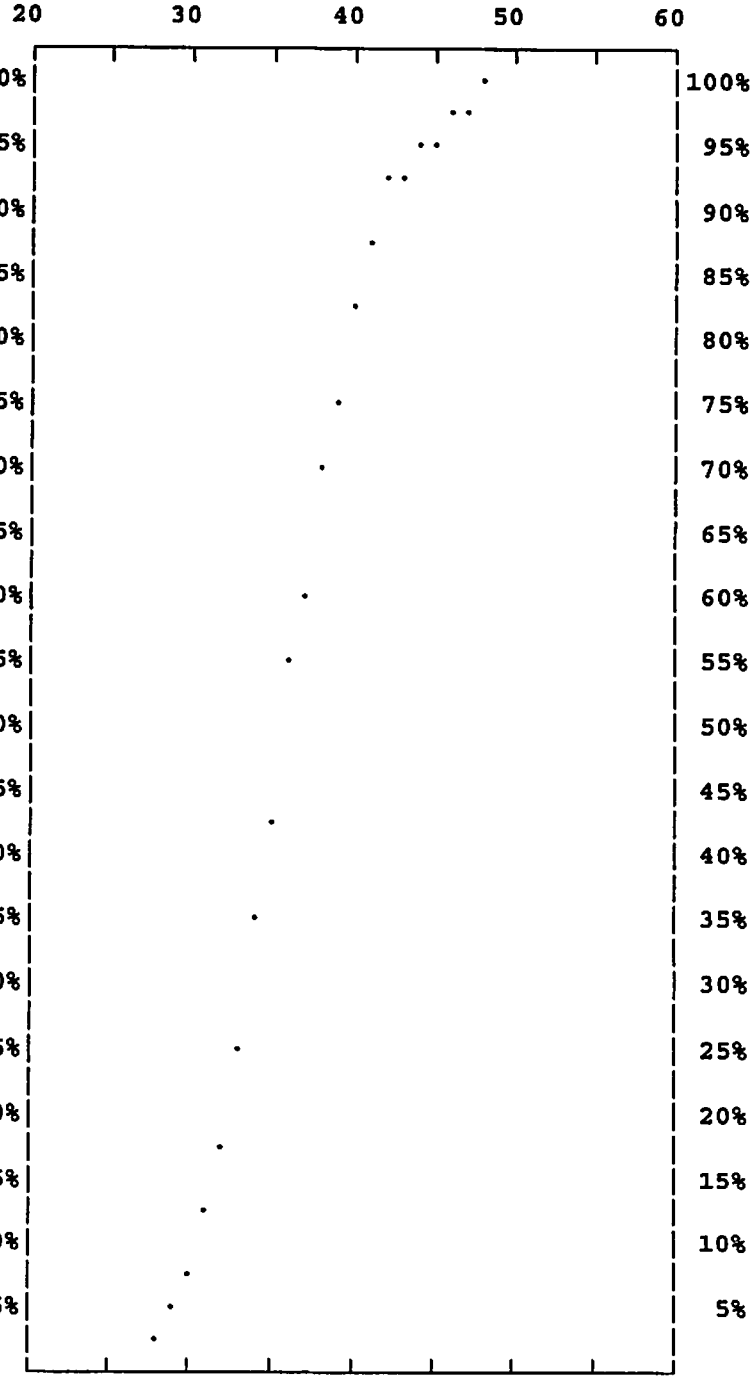
RECOMMENDED SPEED LIMIT 40mph BY RK DATE 11/19/08

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	UPJOHN DOWNS/NORMA		
DIRECTION	EASTBOUND	15th PERCENTILE SPEED	31.34
DATE	10-15-08	50th PERCENTILE SPEED	35.46
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	40.44
TIME OF DAY	12:13PM - 12:54PM	95th PERCENTILE SPEED	43.28
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	26 TO 48
NUMBER OF LANES	2	10 MPH PACE SPEEDS	32 TO 41
DEVELOPMENT	OPEN/RES	PERCENT IN PACE	75.23
WEATHER	CLEAR	CALCULATED MEAN	36.27
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.64
95% CONFIDENCE GAP	35.23 TO 37.30	SKEWNESS INDEX	-0.05

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	0	0.000	99.999
52	0	0.000	99.999
51	0	0.000	99.999
50	0	0.000	99.999
49	0	0.000	99.999
48	2	1.835	99.999
47	0	0.000	98.164
46	2	1.835	98.164
45	0	0.000	96.329
44	2	1.835	96.329
43	2	1.835	94.495
42	5	4.587	92.660
41	6	5.505	88.073
40	6	5.505	82.568
39	7	6.422	77.064
38	9	8.257	70.642
37	7	6.422	62.385
36	12	11.009	55.963
35	10	9.174	44.954
34	10	9.174	35.779
33	8	7.339	26.605
32	7	6.422	19.266
31	5	4.587	12.844
30	2	1.835	8.257
29	3	2.752	6.422
28	2	1.835	3.670
27	1	0.917	1.835
26	1	0.917	0.917
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



109 VEHICLES OBSERVED

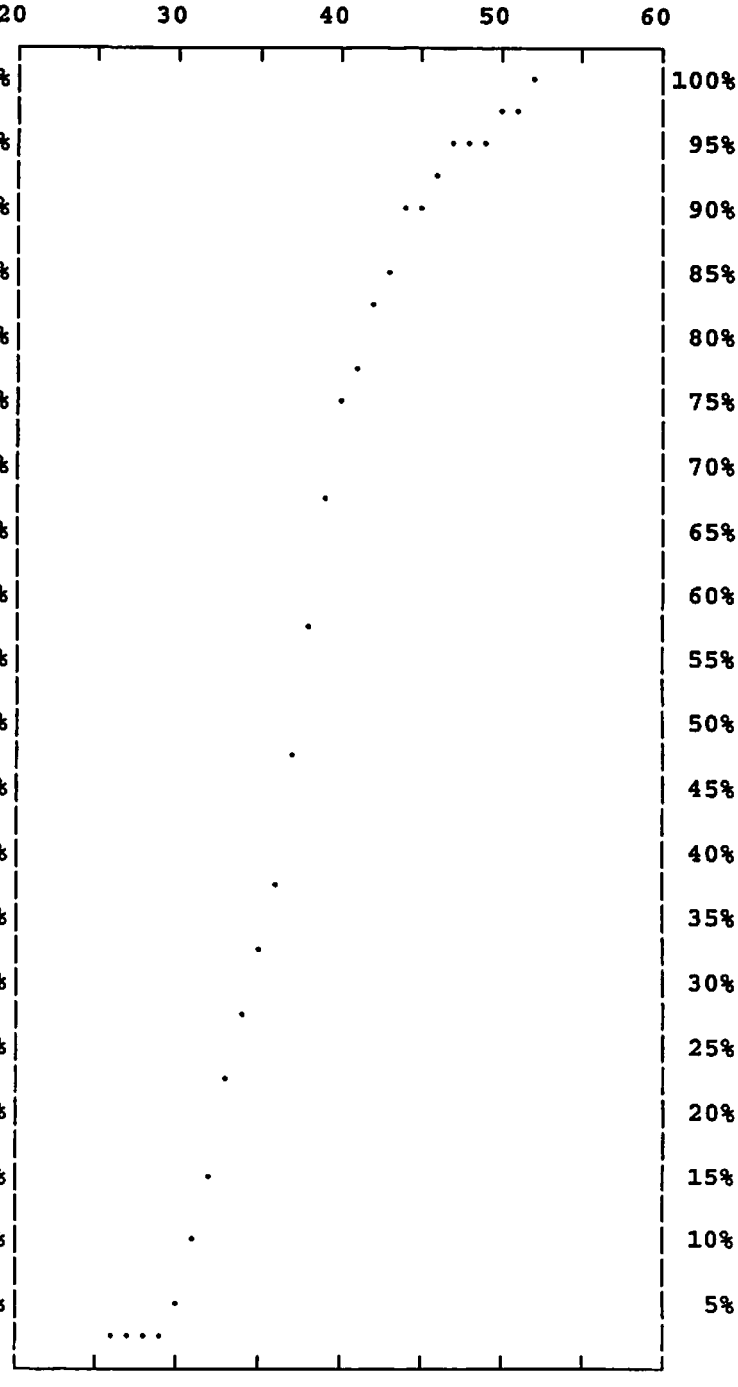
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	UPJOHN DOWNS/NORMA		
DIRECTION	WESTBOUND	15th PERCENTILE SPEED	31.89
DATE	10-15-08	50th PERCENTILE SPEED	37.14
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	42.64
TIME OF DAY	12:13PM - 12:54PM	95th PERCENTILE SPEED	46.93
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	24 TO 52
NUMBER OF LANES	2	10 MPH PACE SPEEDS	31 TO 40
DEVELOPMENT	OPEN/RES	PERCENT IN PACE	68.93
WEATHER	CLEAR	CALCULATED MEAN	37.64
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.54
95% CONFIDENCE GAP	36.41 TO 38.87	SKEWNESS INDEX	-0.10

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %	
60	0	0.000	99.998	100%
59	0	0.000	99.998	
58	0	0.000	99.998	95%
57	0	0.000	99.998	
56	0	0.000	99.998	90%
55	0	0.000	99.998	
54	0	0.000	99.998	85%
53	0	0.000	99.998	
52	1	0.971	99.998	80%
51	1	0.971	99.028	
50	1	0.971	98.057	75%
49	0	0.000	97.086	
48	2	1.942	97.086	70%
47	2	1.942	95.144	
46	1	0.971	93.203	65%
45	2	1.942	92.232	
44	4	3.883	90.290	60%
43	4	3.883	86.407	
42	4	3.883	82.523	55%
41	3	2.913	78.640	
40	7	6.796	75.727	50%
39	10	9.709	68.931	
38	11	10.680	59.223	45%
37	10	9.709	48.543	
36	6	5.825	38.834	40%
35	5	4.854	33.009	
34	5	4.854	28.155	35%
33	8	7.767	23.300	
32	5	4.854	15.534	30%
31	4	3.883	10.679	
30	3	2.913	6.796	25%
29	0	0.000	3.883	
28	0	0.000	3.883	20%
27	1	0.971	3.883	
26	1	0.971	2.912	15%
25	1	0.971	1.942	
24	1	0.971	0.971	10%
23	0	0.000	0.000	
22	0	0.000	0.000	5%
21	0	0.000	0.000	



103 VEHICLES OBSERVED

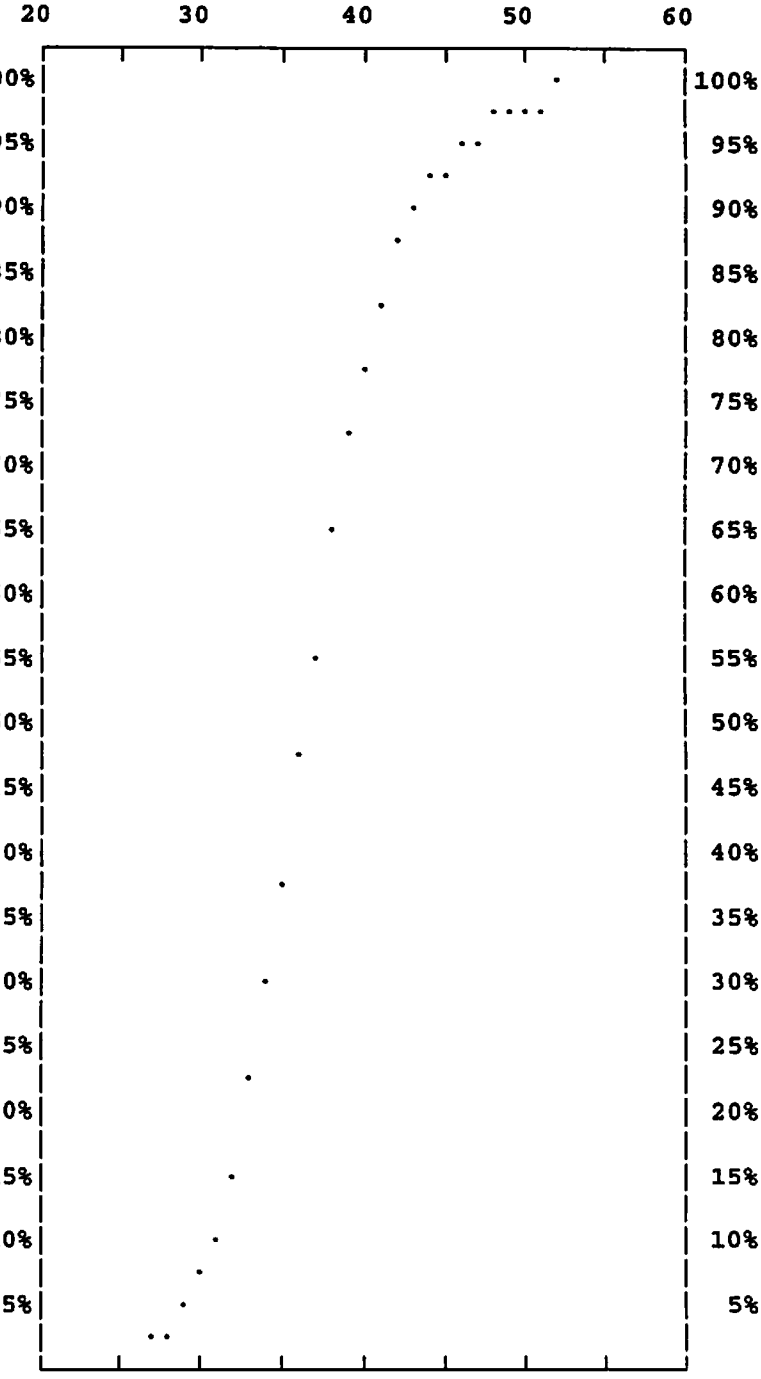
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	UPJOHN DOWNS/NORMA		
DIRECTION	TOTAL	15th PERCENTILE SPEED	31.57
DATE	10-15-08	50th PERCENTILE SPEED	36.29
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	41.36
TIME OF DAY	12:13PM - 12:54PM	95th PERCENTILE SPEED	45.47
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	24 TO 52
NUMBER OF LANES	2	10 MPH PACE SPEEDS	31 TO 40
DEVELOPMENT	OPEN/RES	PERCENT IN PACE	71.70
WEATHER	CLEAR	CALCULATED MEAN	36.93
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.57
95% CONFIDENCE GAP	36.20 TO 37.66	SKEWNESS INDEX	-0.07

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.998
59	0	0.000	99.998
58	0	0.000	99.998
57	0	0.000	99.998
56	0	0.000	99.998
55	0	0.000	99.998
54	0	0.000	99.998
53	0	0.000	99.998
52	1	0.472	99.998
51	1	0.472	99.526
50	1	0.472	99.054
49	0	0.000	98.583
48	4	1.887	98.583
47	2	0.943	96.696
46	3	1.415	95.753
45	2	0.943	94.338
44	6	2.830	93.395
43	6	2.830	90.564
42	9	4.245	87.734
41	9	4.245	83.489
40	13	6.132	79.244
39	17	8.019	73.112
38	20	9.434	65.093
37	17	8.019	55.659
36	18	8.491	47.640
35	15	7.075	39.150
34	15	7.075	32.075
33	16	7.547	24.999
32	12	5.660	17.452
31	9	4.245	11.792
30	5	2.358	7.547
29	3	1.415	5.188
28	2	0.943	3.773
27	2	0.943	2.830
26	2	0.943	1.887
25	1	0.472	0.943
24	1	0.472	0.472
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



212 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION UPJOHN NORMA/CHINA LAKE

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	31.25
DATE	10-15-08	50th PERCENTILE SPEED	35.92
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	41.32
TIME OF DAY	12:55PM - 01:33PM	95th PERCENTILE SPEED	44.35
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	26 TO 51
NUMBER OF LANES	4	10 MPH PACE SPEEDS	30 TO 39
DEVELOPMENT	RESIDENTIAL	PERCENT IN PACE	71.56
WEATHER	CLEAR	CALCULATED MEAN	36.76
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.26
95% CONFIDENCE GAP	36.09 TO 37.42	SKEWNESS INDEX	-0.13
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	225

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE EAST 35mph SPEED LIMIT ON THE WEST 35 mph

RECOMMENDATIONS _____

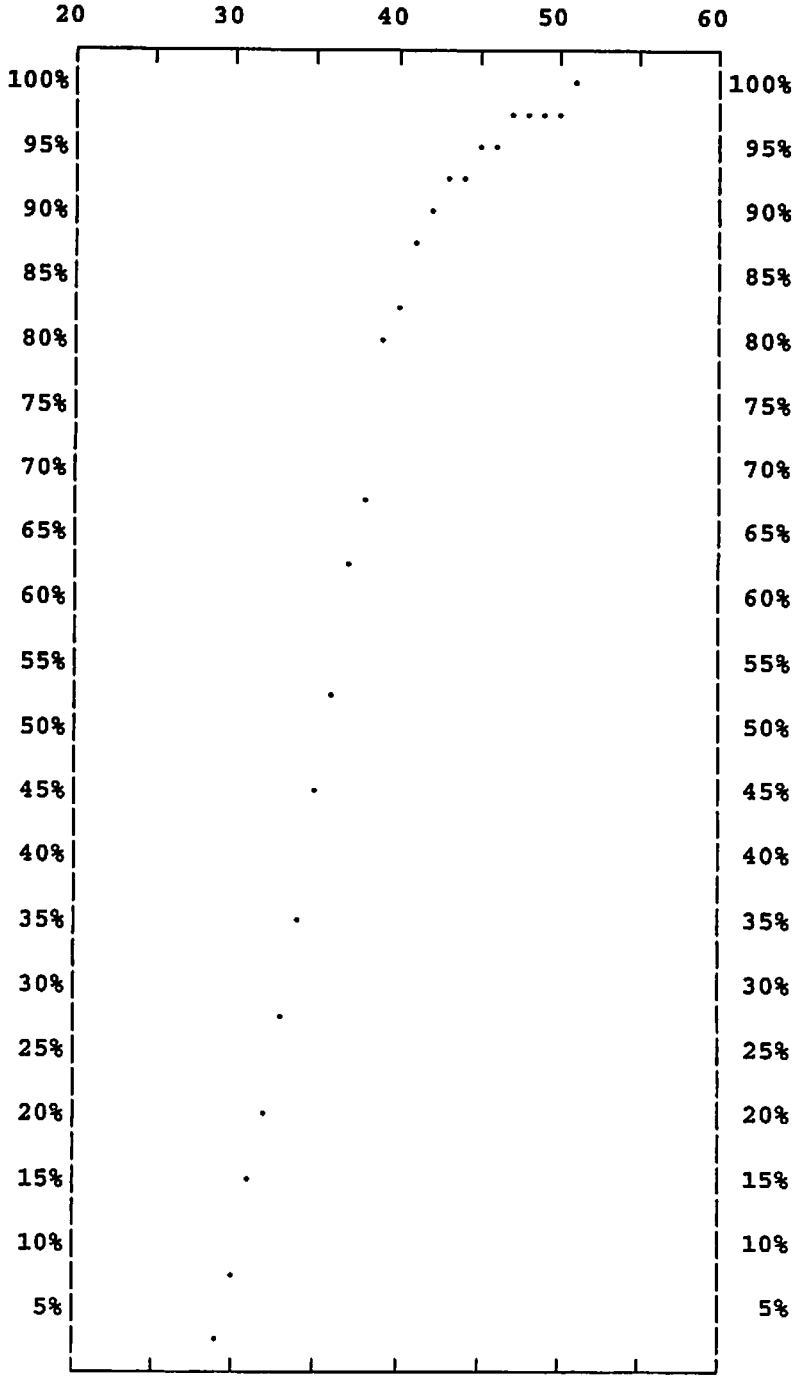
RECOMMENDED SPEED LIMIT 40mph BY RK DATE 11/19/08

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	UPJOHN NORMA/CHINA LAKE		
DIRECTION	EASTBOUND	15th PERCENTILE SPEED	30.83
DATE	10-15-08	50th PERCENTILE SPEED	35.40
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	40.34
TIME OF DAY	12:55PM - 01:33PM	95th PERCENTILE SPEED	44.30
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	26 TO 51
NUMBER OF LANES	4	10 MPH PACE SPEEDS	30 TO 39
DEVELOPMENT	RESIDENTIAL	PERCENT IN PACE	77.05
WEATHER	CLEAR	CALCULATED MEAN	36.33
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.68
95% CONFIDENCE GAP	35.35 TO 37.31	SKEWNESS INDEX	-0.16

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	0	0.000	99.999
52	0	0.000	99.999
51	2	1.639	99.999
50	0	0.000	98.360
49	0	0.000	98.360
48	0	0.000	98.360
47	2	1.639	98.360
46	0	0.000	96.720
45	3	2.459	96.720
44	2	1.639	94.261
43	2	1.639	92.622
42	4	3.279	90.983
41	5	4.098	87.704
40	4	3.279	83.606
39	14	11.475	80.327
38	6	4.918	68.852
37	11	9.016	63.934
36	10	8.197	54.918
35	12	9.836	46.721
34	11	9.016	36.885
33	9	7.377	27.869
32	5	4.098	20.492
31	10	8.197	16.393
30	6	4.918	8.197
29	2	1.639	3.279
28	1	0.820	1.639
27	0	0.000	0.820
26	1	0.820	0.820
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



122 VEHICLES OBSERVED

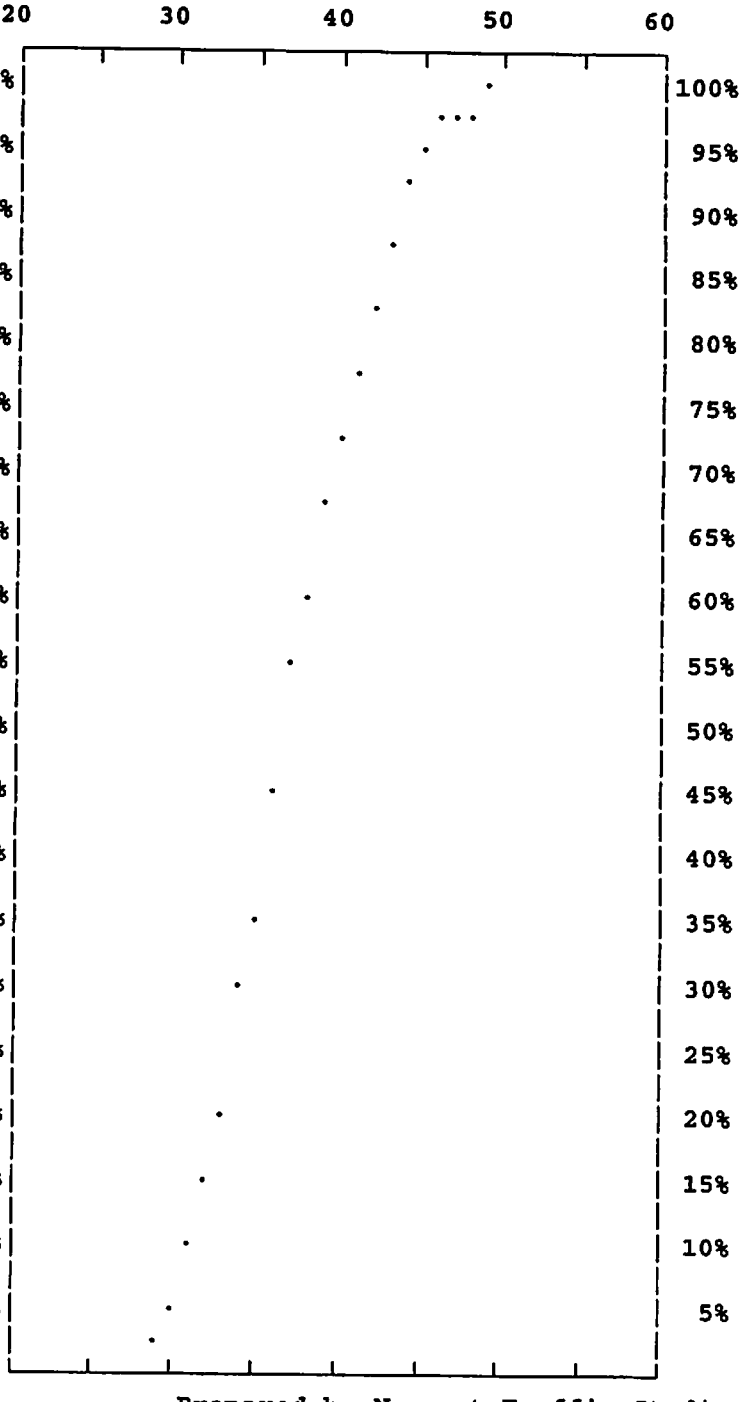
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	UPJOHN NORMA/CHINA LAKE		
DIRECTION	WESTBOUND	15th PERCENTILE SPEED	31.74
DATE	10-15-08	50th PERCENTILE SPEED	36.45
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	42.36
TIME OF DAY	12:55PM - 01:33PM	95th PERCENTILE SPEED	44.43
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	28 TO 49
NUMBER OF LANES	4	10 MPH PACE SPEEDS	32 TO 41
DEVELOPMENT	RESIDENTIAL	PERCENT IN PACE	68.93
WEATHER	CLEAR	CALCULATED MEAN	37.26
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.93
95% CONFIDENCE GAP	36.15 TO 38.38	SKEWNESS INDEX	-0.08

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	0	0.000	99.999
52	0	0.000	99.999
51	0	0.000	99.999
50	0	0.000	99.999
49	1	0.971	99.999
48	0	0.000	99.028
47	0	0.000	99.028
46	3	2.913	99.028
45	2	1.942	96.116
44	5	4.854	94.174
43	7	6.796	89.320
42	3	2.913	82.524
41	7	6.796	79.611
40	3	2.913	72.815
39	9	8.738	69.902
38	6	5.825	61.165
37	10	9.709	55.339
36	9	8.738	45.631
35	6	5.825	36.893
34	9	8.738	31.068
33	6	5.825	22.330
32	6	5.825	16.505
31	5	4.854	10.679
30	1	0.971	5.825
29	3	2.913	4.854
28	2	1.942	1.942
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



103 VEHICLES OBSERVED

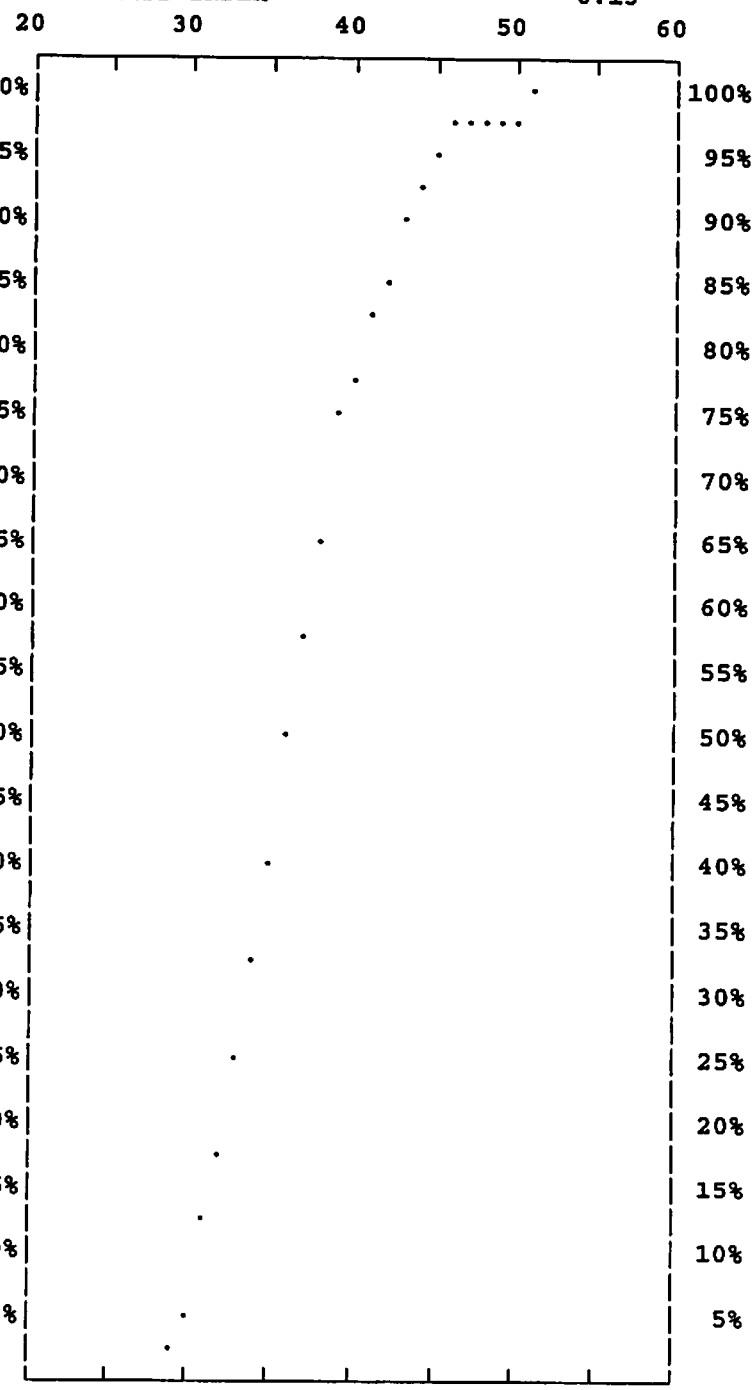
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	UPJOHN NORMA/CHINA LAKE		
DIRECTION	TOTAL	15th PERCENTILE SPEED	31.25
DATE	10-15-08	50th PERCENTILE SPEED	35.92
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	41.32
TIME OF DAY	12:55PM - 01:33PM	95th PERCENTILE SPEED	44.35
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	26 TO 51
NUMBER OF LANES	4	10 MPH PACE SPEEDS	30 TO 39
DEVELOPMENT	RESIDENTIAL	PERCENT IN PACE	71.56
WEATHER	CLEAR	CALCULATED MEAN	36.76
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.26
95% CONFIDENCE GAP	36.09 TO 37.42	SKEWNESS INDEX	-0.13

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	0	0.000	99.999
52	0	0.000	99.999
51	2	0.889	99.999
50	0	0.000	99.110
49	1	0.444	99.110
48	0	0.000	98.666
47	2	0.889	98.666
46	3	1.333	97.777
45	5	2.222	96.444
44	7	3.111	94.222
43	9	4.000	91.111
42	7	3.111	87.111
41	12	5.333	83.999
40	7	3.111	78.666
39	23	10.222	75.555
38	12	5.333	65.333
37	21	9.333	60.000
36	19	8.444	50.666
35	18	8.000	42.222
34	20	8.889	34.222
33	15	6.667	25.333
32	11	4.889	18.666
31	15	6.667	13.778
30	7	3.111	7.111
29	5	2.222	4.000
28	3	1.333	1.778
27	0	0.000	0.444
26	1	0.444	0.444
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



225 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION UPJOHN CHINA LAKE/SUNLAND

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	29.29
DATE	10-15-08	50th PERCENTILE SPEED	34.15
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	39.07
TIME OF DAY	01:34PM - 02:14PM	95th PERCENTILE SPEED	42.23
POSTED SPEED LIMIT	40	RANGE OF SPEEDS	23 TO 45
NUMBER OF LANES	4	10 MPH PACE SPEEDS	29 TO 38
DEVELOPMENT	RESIDENTIAL	PERCENT IN PACE	71.15
WEATHER	CLEAR	CALCULATED MEAN	34.61
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.22
95% CONFIDENCE GAP	33.91 TO 35.30	SKEWNESS INDEX	-0.03
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	208

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE EAST <40mph SPEED LIMIT ON THE WEST <40mph

RECOMMENDATIONS _____

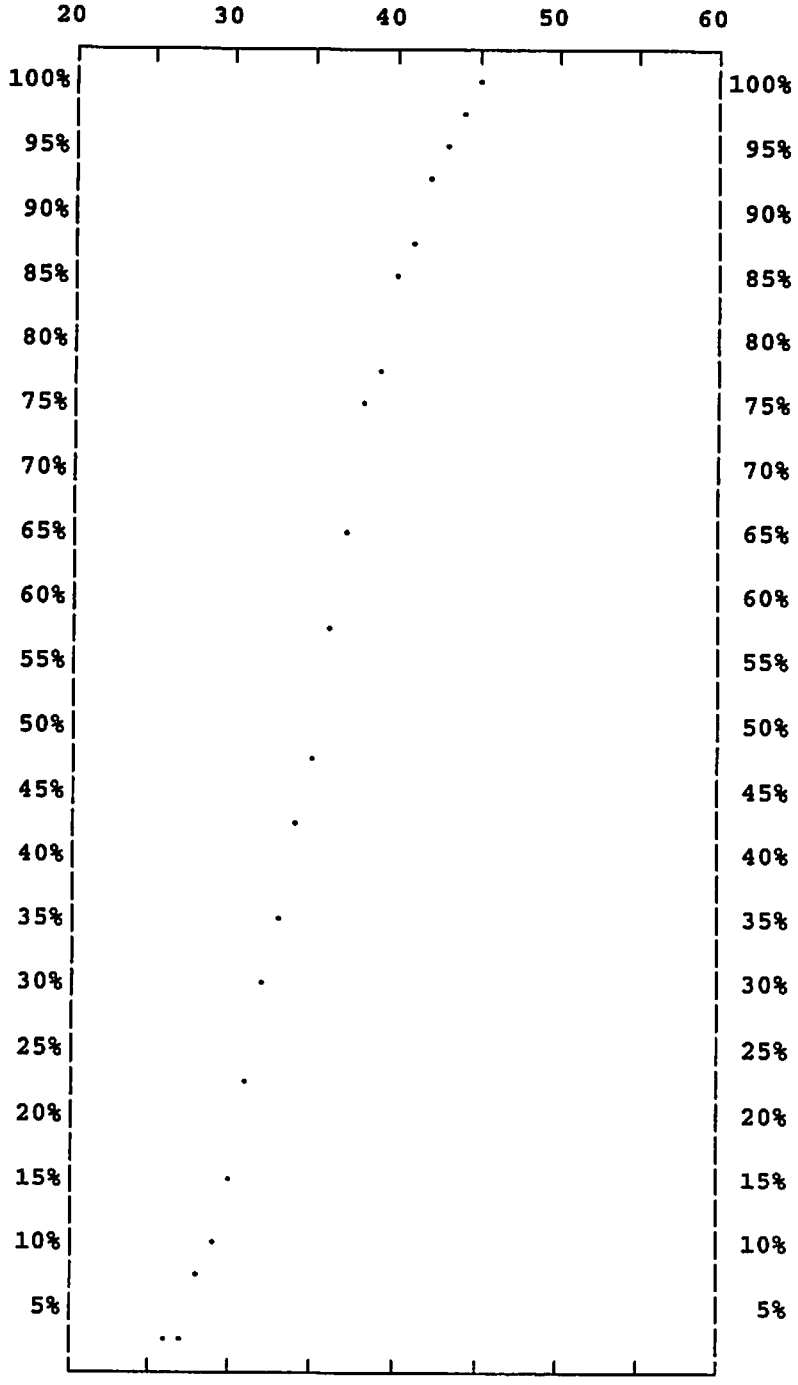
RECOMMENDED SPEED LIMIT <40mph BY RK DATE 11/19/08

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	UPJOHN CHINA LAKE/SUNLAND		
DIRECTION	EASTBOUND	15th PERCENTILE SPEED	29.72
DATE	10-15-08	50th PERCENTILE SPEED	35.00
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	39.90
TIME OF DAY	01:34PM - 02:14PM	95th PERCENTILE SPEED	42.45
POSTED SPEED LIMIT	40	RANGE OF SPEEDS	25 TO 45
NUMBER OF LANES	4	10 MPH PACE SPEEDS	31 TO 40
DEVELOPMENT	RESIDENTIAL	PERCENT IN PACE	69.23
WEATHER	CLEAR	CALCULATED MEAN	35.28
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.81
95% CONFIDENCE GAP	34.19 TO 36.37	SKEWNESS INDEX	0.02

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	0	0.000	99.999
52	0	0.000	99.999
51	0	0.000	99.999
50	0	0.000	99.999
49	0	0.000	99.999
48	0	0.000	99.999
47	0	0.000	99.999
46	0	0.000	99.999
45	1	0.962	99.999
44	2	1.923	99.038
43	4	3.846	97.115
42	5	4.808	93.268
41	3	2.885	88.461
40	6	5.769	85.576
39	4	3.846	79.807
38	11	10.577	75.961
37	7	6.731	65.384
36	9	8.654	58.653
35	6	5.769	50.000
34	8	7.692	44.230
33	6	5.769	36.538
32	8	7.692	30.769
31	7	6.731	23.077
30	5	4.808	16.346
29	4	3.846	11.538
28	3	2.885	7.692
27	2	1.923	4.808
26	2	1.923	2.885
25	1	0.962	0.962
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



104 VEHICLES OBSERVED

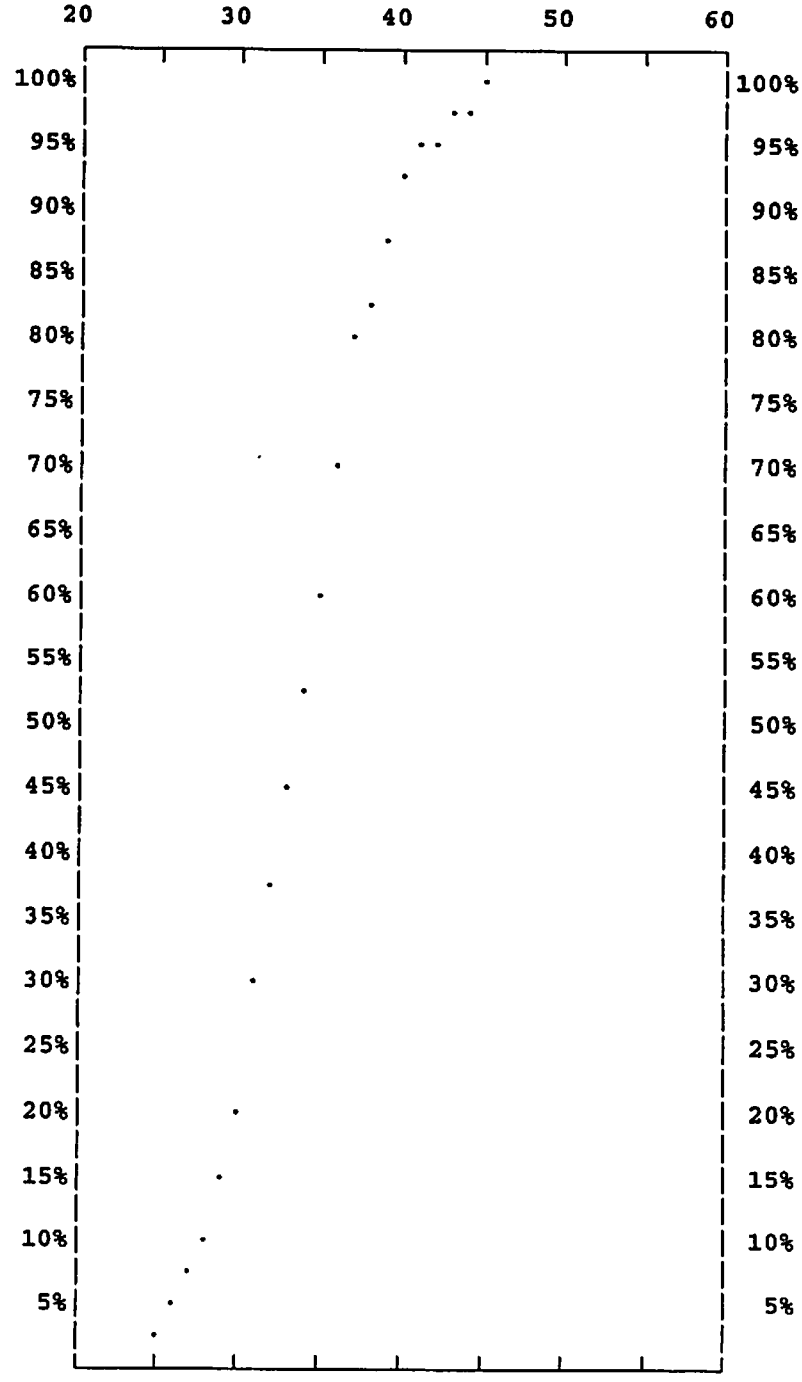
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	UPJOHN CHINA LAKE/SUNLAND		
DIRECTION	WESTBOUND	15th PERCENTILE SPEED	28.92
DATE	10-15-08	50th PERCENTILE SPEED	33.56
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	38.08
TIME OF DAY	01:34PM - 02:14PM	95th PERCENTILE SPEED	40.80
POSTED SPEED LIMIT	40	RANGE OF SPEEDS	23 TO 45
NUMBER OF LANES	4	10 MPH PACE SPEEDS	29 TO 38
DEVELOPMENT	RESIDENTIAL	PERCENT IN PACE	74.04
WEATHER	CLEAR	CALCULATED MEAN	33.93
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.63
95% CONFIDENCE GAP	32.88 TO 34.99	SKEWNESS INDEX	0.06

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	0	0.000	99.999
52	0	0.000	99.999
51	0	0.000	99.999
50	0	0.000	99.999
49	0	0.000	99.999
48	0	0.000	99.999
47	0	0.000	99.999
46	0	0.000	99.999
45	1	0.962	99.999
44	1	0.962	99.038
43	3	2.885	98.076
42	0	0.000	95.191
41	1	0.962	95.191
40	5	4.808	94.230
39	5	4.808	89.422
38	4	3.846	84.615
37	10	9.615	80.769
36	11	10.577	71.153
35	7	6.731	60.576
34	9	8.654	53.846
33	6	5.769	45.192
32	8	7.692	39.423
31	11	10.577	31.730
30	6	5.769	21.154
29	5	4.808	15.384
28	3	2.885	10.577
27	2	1.923	7.692
26	1	0.962	5.769
25	3	2.885	4.808
24	1	0.962	1.923
23	1	0.962	0.962
22	0	0.000	0.000
21	0	0.000	0.000



104 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

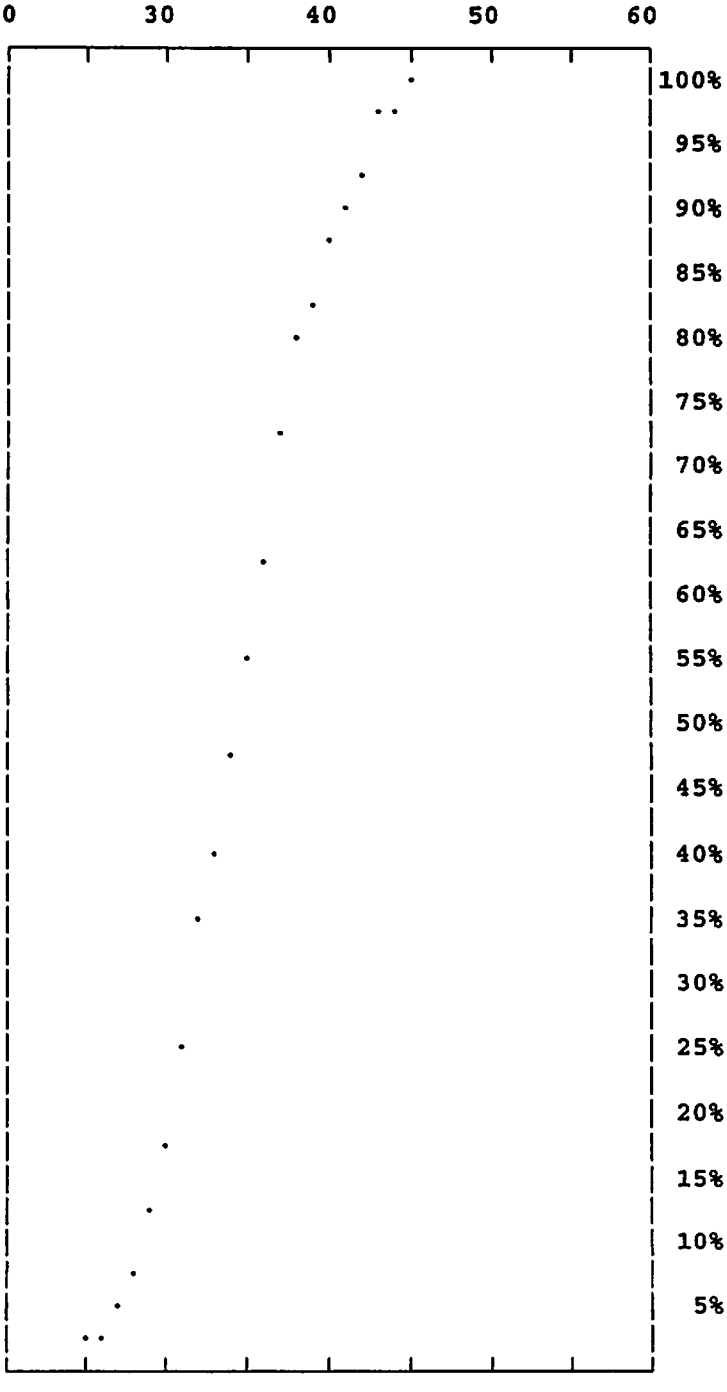
RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	UPJOHN CHINA LAKE/SUNLAND		
DIRECTION	TOTAL	15th PERCENTILE SPEED	29.29
DATE	10-15-08	50th PERCENTILE SPEED	34.15
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	39.07
TIME OF DAY	01:34PM - 02:14PM	95th PERCENTILE SPEED	42.23
POSTED SPEED LIMIT	40	RANGE OF SPEEDS	23 TO 45
NUMBER OF LANES	4	10 MPH PACE SPEEDS	29 TO 38
DEVELOPMENT	RESIDENTIAL	PERCENT IN PACE	71.15
WEATHER	CLEAR	CALCULATED MEAN	34.61
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.22
95% CONFIDENCE GAP	33.91 TO 35.30	SKEWNESS INDEX	-0.03

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %	
60	0	0.000	99.999	100%
59	0	0.000	99.999	
58	0	0.000	99.999	95%
57	0	0.000	99.999	
56	0	0.000	99.999	90%
55	0	0.000	99.999	
54	0	0.000	99.999	85%
53	0	0.000	99.999	
52	0	0.000	99.999	80%
51	0	0.000	99.999	
50	0	0.000	99.999	75%
49	0	0.000	99.999	
48	0	0.000	99.999	70%
47	0	0.000	99.999	
46	0	0.000	99.999	65%
45	2	0.962	99.999	
44	3	1.442	99.037	60%
43	7	3.365	97.595	
42	5	2.404	94.230	55%
41	4	1.923	91.826	
40	11	5.288	89.903	50%
39	9	4.327	84.615	
38	15	7.212	80.288	45%
37	17	8.173	73.076	
36	20	9.615	64.903	40%
35	13	6.250	55.288	
34	17	8.173	49.038	35%
33	12	5.769	40.865	
32	16	7.692	35.096	30%
31	18	8.654	27.403	
30	11	5.288	18.750	25%
29	9	4.327	13.461	
28	6	2.885	9.134	20%
27	4	1.923	6.250	
26	3	1.442	4.327	15%
25	4	1.923	2.884	
24	1	0.481	0.961	10%
23	1	0.481	0.481	
22	0	0.000	0.000	5%
21	0	0.000	0.000	

208 VEHICLES OBSERVED



Prepared by Newport Traffic Studies

OT

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION UPJOHN SUNLAND/GATEWAY

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	29.27
DATE	10-15-08	50th PERCENTILE SPEED	33.67
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	38.57
TIME OF DAY	02:16PM - 03:16PM	95th PERCENTILE SPEED	42.50
POSTED SPEED LIMIT	NONE	RANGE OF SPEEDS	21 TO 53
NUMBER OF LANES	4	10 MPH PACE SPEEDS	29 TO 38
DEVELOPMENT	OPEN/RES	PERCENT IN PACE	74.50
WEATHER	CLEAR	CALCULATED MEAN	34.43
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.50
95% CONFIDENCE GAP	33.68 TO 35.17	SKEWNESS INDEX	-0.12
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	200

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE EAST N/A SPEED LIMIT ON THE WEST N/A

RECOMMENDATIONS _____

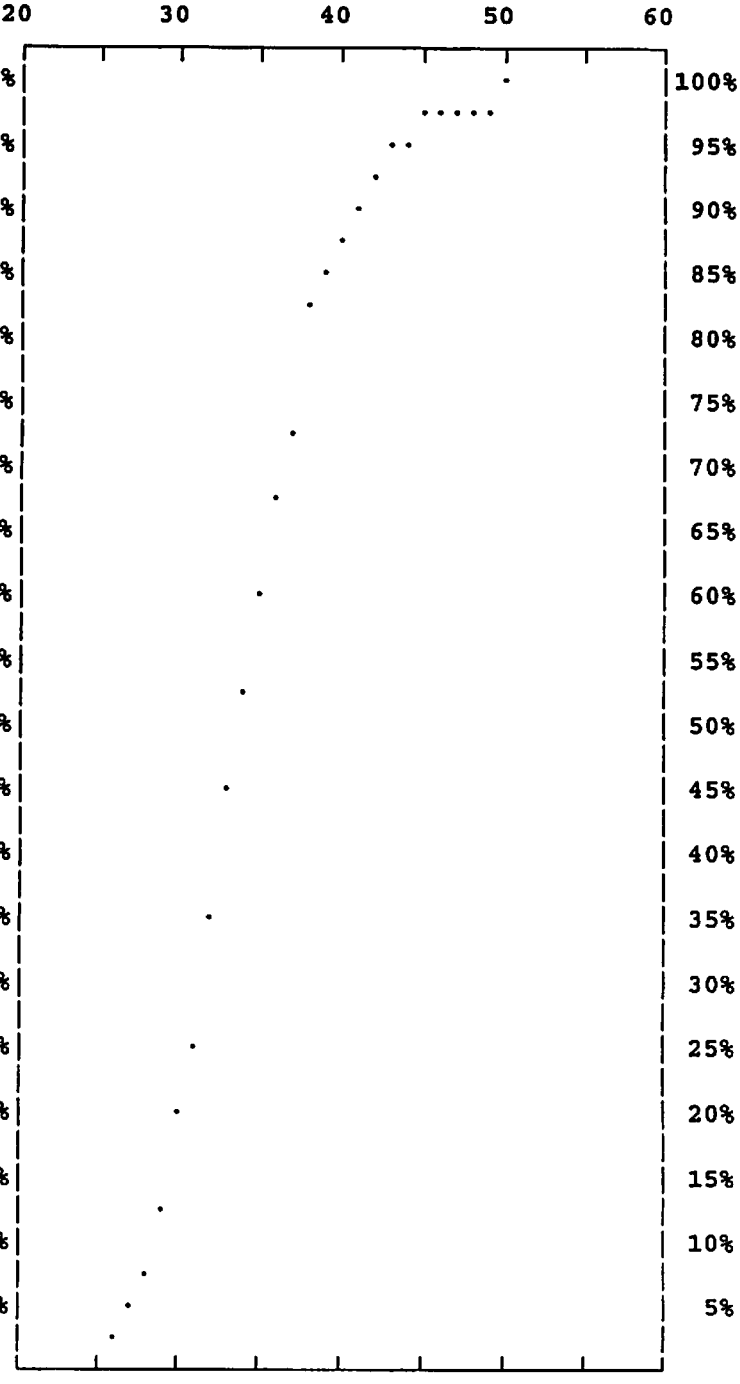
RECOMMENDED SPEED LIMIT <40mph BY RK DATE 11/19/08

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	UPJOHN SUNLAND/GATEWAY		
DIRECTION	EASTBOUND	15th PERCENTILE SPEED	29.33
DATE	10-15-08	50th PERCENTILE SPEED	33.50
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	39.00
TIME OF DAY	02:16PM - 03:16PM	95th PERCENTILE SPEED	42.50
POSTED SPEED LIMIT	NONE	RANGE OF SPEEDS	25 TO 50
NUMBER OF LANES	4	10 MPH PACE SPEEDS	29 TO 38
DEVELOPMENT	OPEN/RES	PERCENT IN PACE	73.75
WEATHER	CLEAR	CALCULATED MEAN	34.59
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.21
95% CONFIDENCE GAP	33.26 TO 35.91	SKEWNESS INDEX	-0.16

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %	
60	0	0.000	100.000	100%
59	0	0.000	100.000	
58	0	0.000	100.000	95%
57	0	0.000	100.000	
56	0	0.000	100.000	90%
55	0	0.000	100.000	
54	0	0.000	100.000	85%
53	0	0.000	100.000	
52	0	0.000	100.000	80%
51	0	0.000	100.000	
50	1	1.250	100.000	75%
49	0	0.000	98.750	
48	0	0.000	98.750	70%
47	0	0.000	98.750	
46	1	1.250	98.750	65%
45	1	1.250	97.500	
44	0	0.000	96.250	60%
43	2	2.500	96.250	
42	2	2.500	93.750	55%
41	2	2.500	91.250	
40	3	3.750	88.750	50%
39	2	2.500	85.000	
38	7	8.750	82.500	45%
37	5	6.250	73.750	
36	6	7.500	67.500	40%
35	5	6.250	60.000	
34	6	7.500	53.750	35%
33	8	10.000	46.250	
32	8	10.000	36.250	30%
31	5	6.250	26.250	
30	6	7.500	20.000	25%
29	3	3.750	12.500	
28	3	3.750	8.750	20%
27	1	1.250	5.000	
26	2	2.500	3.750	15%
25	1	1.250	1.250	
24	0	0.000	0.000	10%
23	0	0.000	0.000	
22	0	0.000	0.000	5%
21	0	0.000	0.000	



80 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

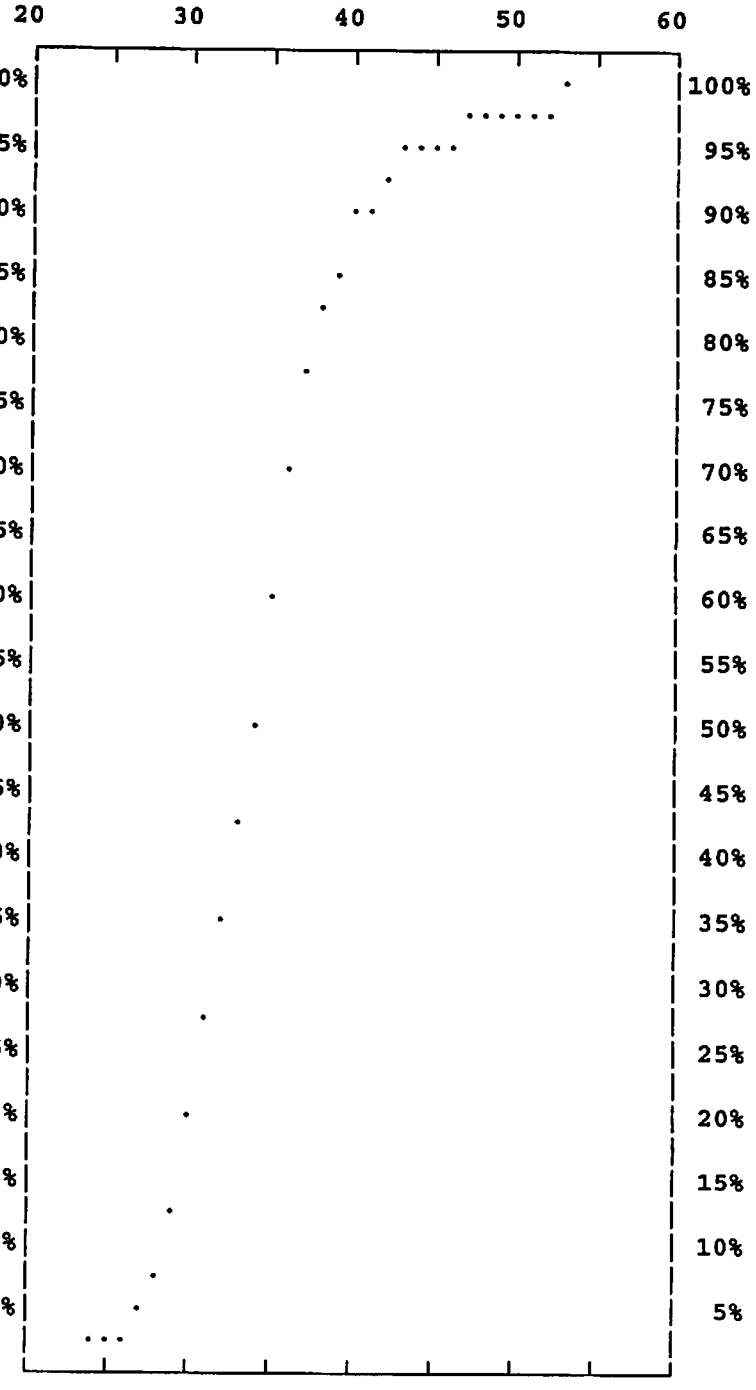
RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	UPJOHN SUNLAND/GATEWAY		
DIRECTION	WESTBOUND	15th PERCENTILE SPEED	29.22
DATE	10-15-08	50th PERCENTILE SPEED	33.78
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	38.40
TIME OF DAY	02:16PM - 03:16PM	95th PERCENTILE SPEED	42.50
POSTED SPEED LIMIT	NONE	RANGE OF SPEEDS	21 TO 53
NUMBER OF LANES	4	10 MPH PACE SPEEDS	29 TO 38
DEVELOPMENT	OPEN/RES	PERCENT IN PACE	75.00
WEATHER	CLEAR	CALCULATED MEAN	34.32
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.91
95% CONFIDENCE GAP	33.29 TO 35.35	SKEWNESS INDEX	-0.09

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	1	0.833	99.999
52	0	0.000	99.166
51	0	0.000	99.166
50	0	0.000	99.166
49	0	0.000	99.166
48	0	0.000	99.166
47	2	1.667	99.166
46	0	0.000	97.499
45	1	0.833	97.499
44	1	0.833	96.666
43	2	1.667	95.833
42	2	1.667	94.166
41	1	0.833	92.499
40	5	4.167	91.666
39	5	4.167	87.500
38	6	5.000	83.333
37	8	6.667	78.333
36	13	10.833	71.666
35	11	9.167	60.833
34	9	7.500	51.666
33	8	6.667	44.166
32	9	7.500	37.500
31	11	9.167	30.000
30	9	7.500	20.833
29	6	5.000	13.333
28	3	2.500	8.333
27	2	1.667	5.833
26	0	0.000	4.167
25	1	0.833	4.167
24	3	2.500	3.333
23	0	0.000	0.833
22	0	0.000	0.833
21	1	0.833	0.833

120 VEHICLES OBSERVED



Prepared by Newport Traffic Studies

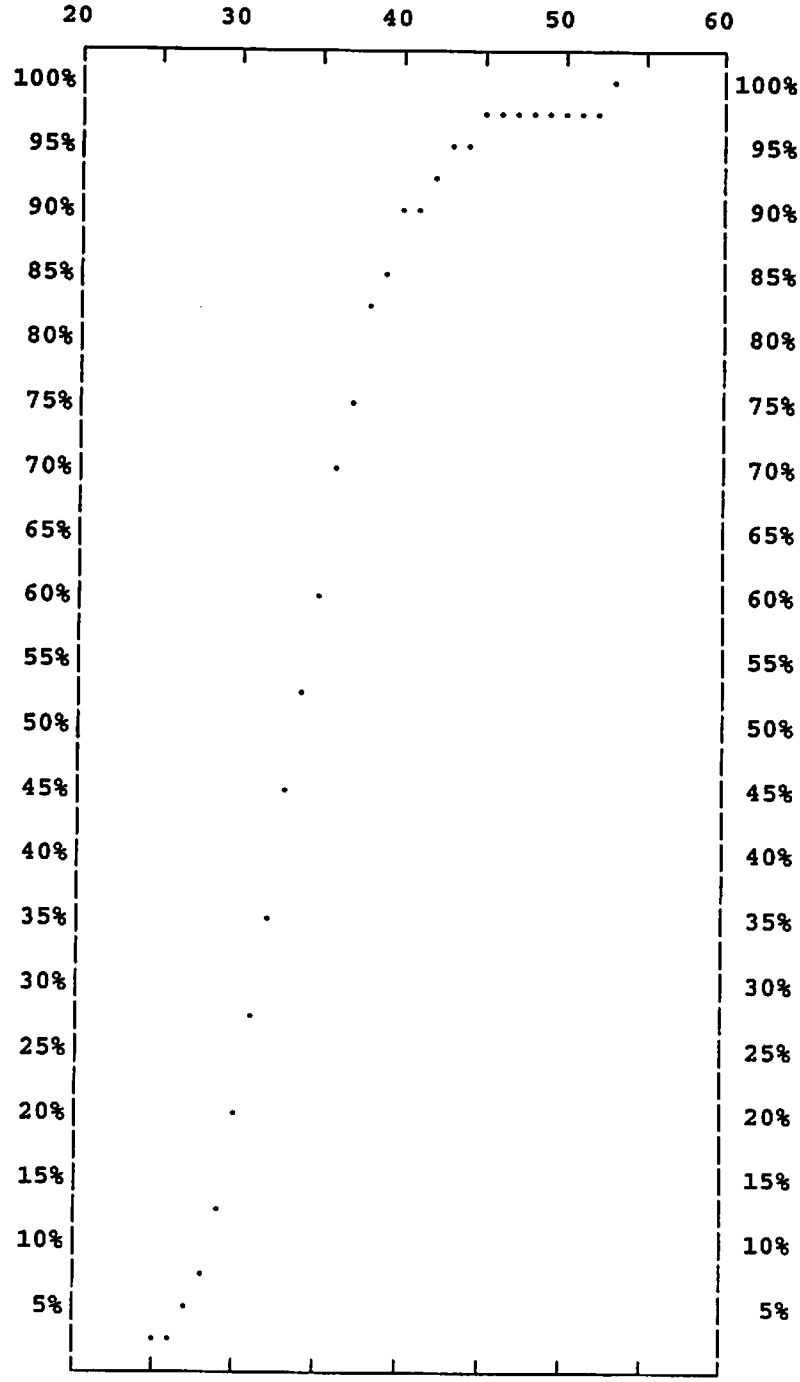
RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	UPJOHN SUNLAND/GATEWAY		
DIRECTION	TOTAL	15th PERCENTILE SPEED	29.27
DATE	10-15-08	50th PERCENTILE SPEED	33.67
DAY OF WEEK	Wednesday	85th PERCENTILE SPEED	38.57
TIME OF DAY	02:16PM - 03:16PM	95th PERCENTILE SPEED	42.50
POSTED SPEED LIMIT	NONE	RANGE OF SPEEDS	21 TO 53
NUMBER OF LANES	4	10 MPH PACE SPEEDS	29 TO 38
DEVELOPMENT	OPEN/RES	PERCENT IN PACE	74.50
WEATHER	CLEAR	CALCULATED MEAN	34.43
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.50
95% CONFIDENCE GAP	33.68 TO 35.17	SKEWNESS INDEX	-0.12

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	100.000
59	0	0.000	100.000
58	0	0.000	100.000
57	0	0.000	100.000
56	0	0.000	100.000
55	0	0.000	100.000
54	0	0.000	100.000
53	1	0.500	100.000
52	0	0.000	99.500
51	0	0.000	99.500
50	1	0.500	99.500
49	0	0.000	99.000
48	0	0.000	99.000
47	2	1.000	99.000
46	1	0.500	98.000
45	2	1.000	97.500
44	1	0.500	96.500
43	4	2.000	96.000
42	4	2.000	94.000
41	3	1.500	92.000
40	8	4.000	90.500
39	7	3.500	86.500
38	13	6.500	83.000
37	13	6.500	76.500
36	19	9.500	70.000
35	16	8.000	60.500
34	15	7.500	52.500
33	16	8.000	45.000
32	17	8.500	37.000
31	16	8.000	28.500
30	15	7.500	20.500
29	9	4.500	13.000
28	6	3.000	8.500
27	3	1.500	5.500
26	2	1.000	4.000
25	2	1.000	3.000
24	3	1.500	2.000
23	0	0.000	0.500
22	0	0.000	0.500
21	1	0.500	0.500

200 VEHICLES OBSERVED



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SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION S NORMA UPJOHN/BOWMAN

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	30.50
DATE	10-14-08	50th PERCENTILE SPEED	34.42
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	39.32
TIME OF DAY	03:04PM - 04:03PM	95th PERCENTILE SPEED	43.95
POSTED SPEED LIMIT	25	RANGE OF SPEEDS	25 TO 53
NUMBER OF LANES	2	10 MPH PACE SPEEDS	30 TO 39
DEVELOPMENT	RESIDENTIAL	PERCENT IN PACE	77.83
WEATHER	CLEAR	CALCULATED MEAN	35.48
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.21
95% CONFIDENCE GAP	34.78 TO 36.18	SKEWNESS INDEX	-0.22
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	203

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE NORTH 25mph SPEED LIMIT ON THE SOUTH 25mph

RECOMMENDATIONS _____

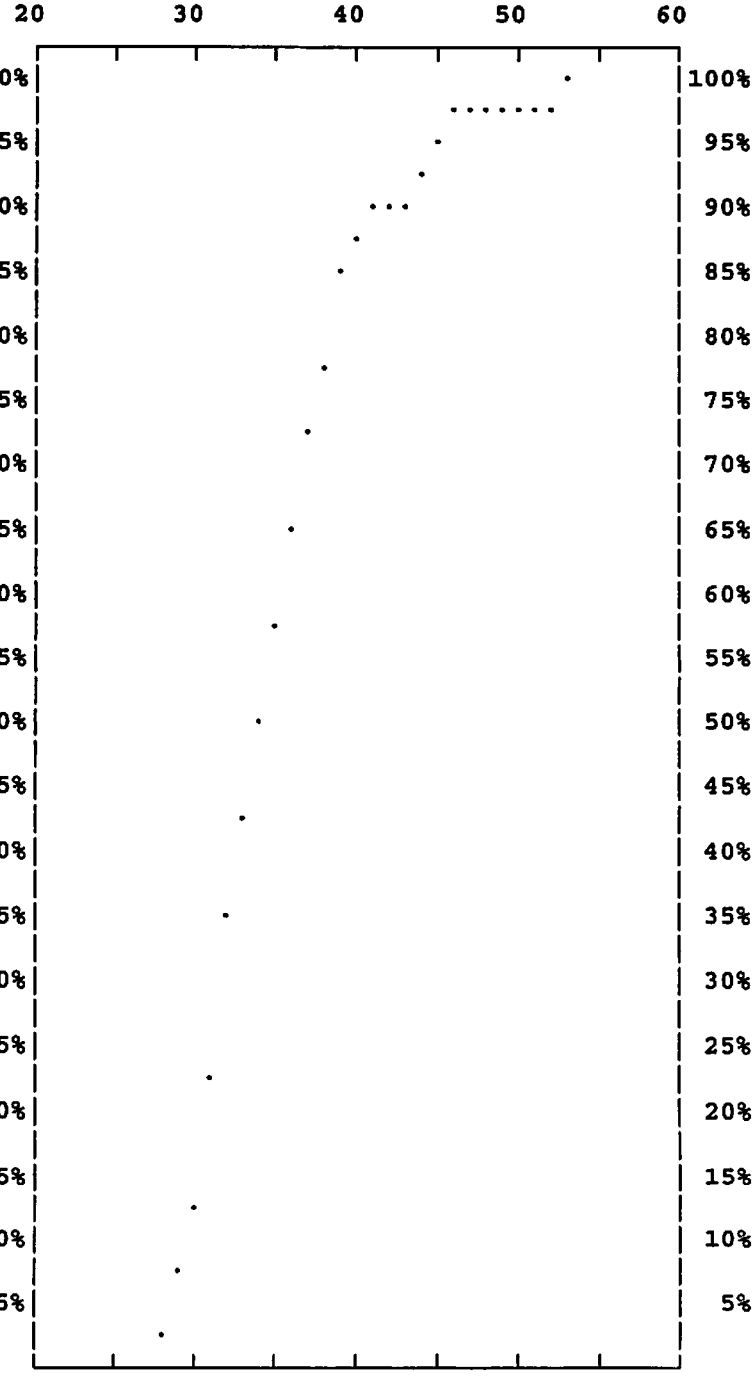
RECOMMENDED SPEED LIMIT 40mph BY RK DATE 11/13/15

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	S NORMA UPJOHN/BOWMAN		
DIRECTION	NORTHBOUND	15th PERCENTILE SPEED	30.18
DATE	10-14-08	50th PERCENTILE SPEED	33.72
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	38.98
TIME OF DAY	03:04PM - 04:03PM	95th PERCENTILE SPEED	44.32
POSTED SPEED LIMIT	25	RANGE OF SPEEDS	25 TO 53
NUMBER OF LANES	2	10 MPH PACE SPEEDS	30 TO 39
DEVELOPMENT	RESIDENTIAL	PERCENT IN PACE	77.23
WEATHER	CLEAR	CALCULATED MEAN	35.05
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.98
95% CONFIDENCE GAP	33.91 TO 36.19	SKEWNESS INDEX	-0.33

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %	
60	0	0.000	99.998	100%
59	0	0.000	99.998	
58	0	0.000	99.998	95%
57	0	0.000	99.998	
56	0	0.000	99.998	90%
55	0	0.000	99.998	
54	0	0.000	99.998	85%
53	1	0.990	99.998	
52	0	0.000	99.008	80%
51	0	0.000	99.008	
50	0	0.000	99.008	75%
49	0	0.000	99.008	
48	1	0.990	99.008	70%
47	0	0.000	98.018	
46	1	0.990	98.018	65%
45	3	2.970	97.028	
44	2	1.980	94.058	60%
43	0	0.000	92.078	
42	1	0.990	92.078	55%
41	2	1.980	91.088	
40	4	3.960	89.108	50%
39	6	5.941	85.147	
38	6	5.941	79.207	45%
37	7	6.931	73.266	
36	8	7.921	66.336	40%
35	6	5.941	58.415	
34	9	8.911	52.474	35%
33	7	6.931	43.564	
32	12	11.881	36.633	30%
31	12	11.881	24.752	
30	5	4.950	12.871	25%
29	4	3.960	7.920	
28	2	1.980	3.960	20%
27	1	0.990	1.980	
26	0	0.000	0.990	15%
25	1	0.990	0.990	
24	0	0.000	0.000	10%
23	0	0.000	0.000	
22	0	0.000	0.000	5%
21	0	0.000	0.000	



101 VEHICLES OBSERVED

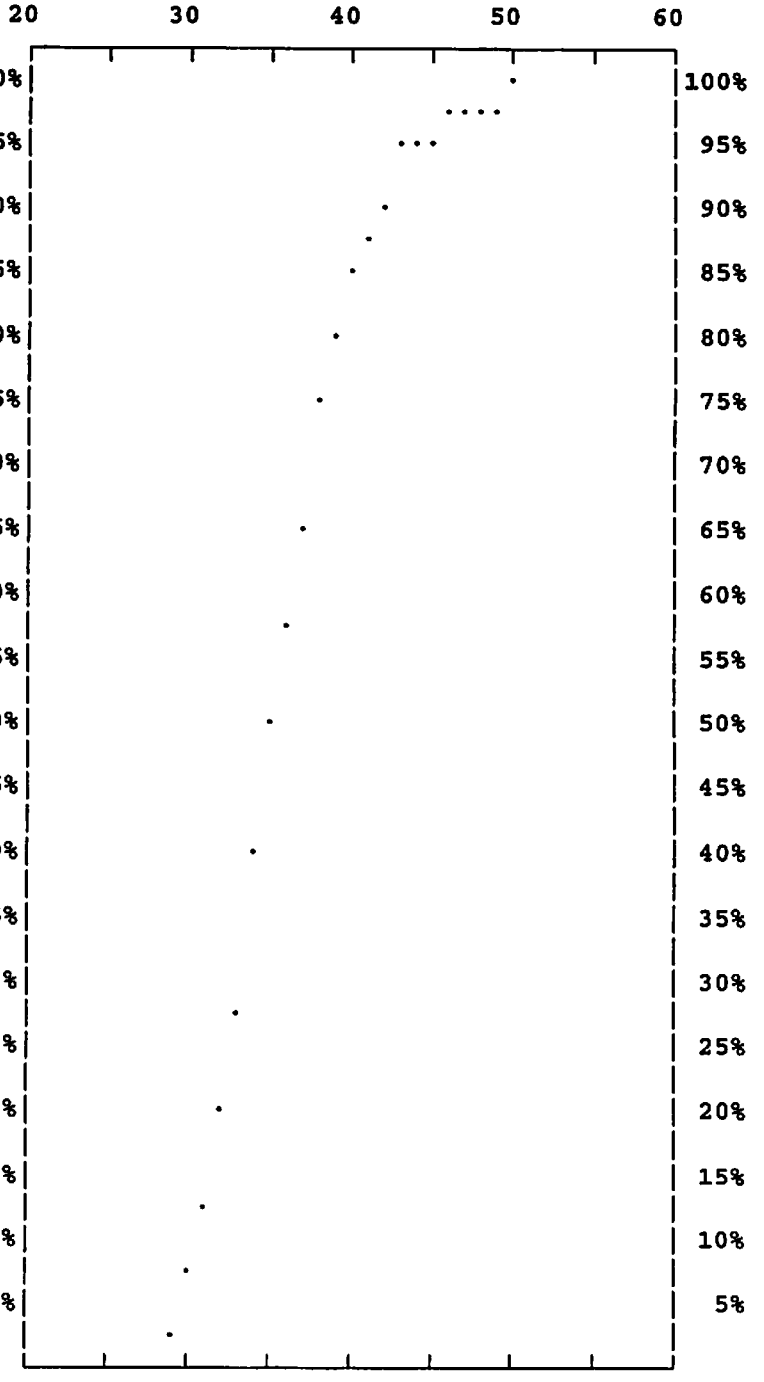
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	S NORMA UPJOHN/BOWMAN		
DIRECTION	SOUTHBOUND	15th PERCENTILE SPEED	31.16
DATE	10-14-08	50th PERCENTILE SPEED	34.83
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	39.68
TIME OF DAY	03:04PM - 04:03PM	95th PERCENTILE SPEED	42.97
POSTED SPEED LIMIT	25	RANGE OF SPEEDS	27 TO 50
NUMBER OF LANES	2	10 MPH PACE SPEEDS	30 TO 39
DEVELOPMENT	RESIDENTIAL	PERCENT IN PACE	78.43
WEATHER	CLEAR	CALCULATED MEAN	35.90
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.57
95% CONFIDENCE GAP	34.85 TO 36.96	SKEWNESS INDEX	-0.18

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	0	0.000	99.999
52	0	0.000	99.999
51	0	0.000	99.999
50	1	0.980	99.999
49	0	0.000	99.018
48	0	0.000	99.018
47	0	0.000	99.018
46	2	1.961	99.018
45	1	0.980	97.058
44	1	0.980	96.077
43	3	2.941	95.097
42	4	3.922	92.156
41	2	1.961	88.235
40	4	3.922	86.274
39	5	4.902	82.352
38	11	10.784	77.450
37	7	6.863	66.666
36	8	7.843	59.803
35	12	11.765	51.960
34	11	10.784	40.196
33	8	7.843	29.411
32	8	7.843	21.568
31	5	4.902	13.725
30	5	4.902	8.823
29	2	1.961	3.921
28	1	0.980	1.961
27	1	0.980	0.980
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



102 VEHICLES OBSERVED

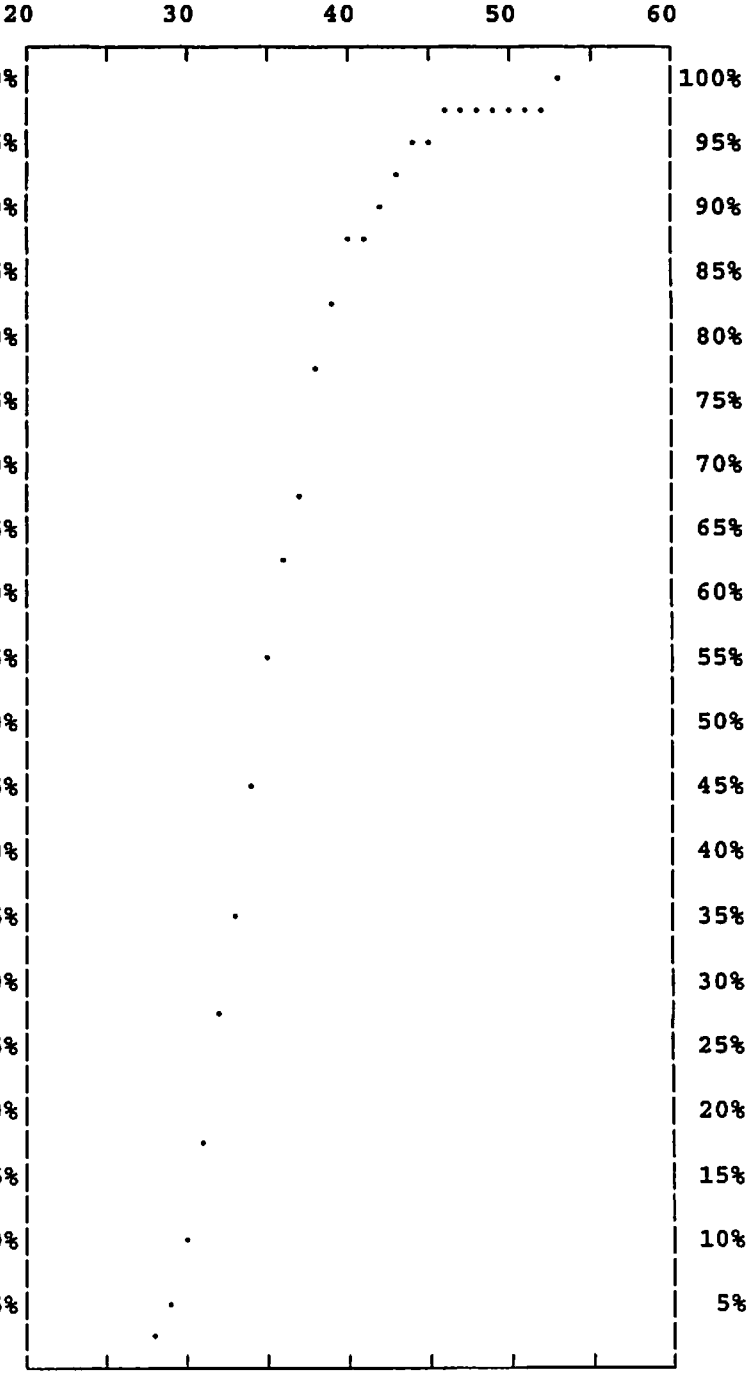
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	S NORMA UPJOHN/BOWMAN		
DIRECTION	TOTAL	15th PERCENTILE SPEED	30.50
DATE	10-14-08	50th PERCENTILE SPEED	34.42
DAY OF WEEK	Tuesday	85th PERCENTILE SPEED	39.32
TIME OF DAY	03:04PM - 04:03PM	95th PERCENTILE SPEED	43.95
POSTED SPEED LIMIT	25	RANGE OF SPEEDS	25 TO 53
NUMBER OF LANES	2	10 MPH PACE SPEEDS	30 TO 39
DEVELOPMENT	RESIDENTIAL	PERCENT IN PACE	77.83
WEATHER	CLEAR	CALCULATED MEAN	35.48
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.21
95% CONFIDENCE GAP	34.78 TO 36.18	SKEWNESS INDEX	-0.22

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %	
60	0	0.000	99.999	100%
59	0	0.000	99.999	
58	0	0.000	99.999	95%
57	0	0.000	99.999	
56	0	0.000	99.999	90%
55	0	0.000	99.999	
54	0	0.000	99.999	85%
53	1	0.493	99.999	
52	0	0.000	99.506	80%
51	0	0.000	99.506	
50	1	0.493	99.506	75%
49	0	0.000	99.014	
48	1	0.493	99.014	70%
47	0	0.000	98.521	
46	3	1.478	98.521	65%
45	4	1.970	97.043	
44	3	1.478	95.073	60%
43	3	1.478	93.595	
42	5	2.463	92.117	55%
41	4	1.970	89.654	
40	8	3.941	87.684	50%
39	11	5.419	83.743	
38	17	8.374	78.325	45%
37	14	6.897	69.950	
36	16	7.882	63.054	40%
35	18	8.867	55.172	
34	20	9.852	46.305	35%
33	15	7.389	36.453	
32	20	9.852	29.064	30%
31	17	8.374	19.212	
30	10	4.926	10.837	25%
29	6	2.956	5.911	
28	3	1.478	2.956	20%
27	2	0.985	1.478	
26	0	0.000	0.493	15%
25	1	0.493	0.493	
24	0	0.000	0.000	10%
23	0	0.000	0.000	
22	0	0.000	0.000	5%
21	0	0.000	0.000	



203 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION BOWMAN DOWNS/NORMA

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	36.83
DATE	10-16-08	50th PERCENTILE SPEED	41.54
DAY OF WEEK	Thursday	85th PERCENTILE SPEED	47.71
TIME OF DAY	12:39PM - 01:24PM	95th PERCENTILE SPEED	52.00
POSTED SPEED LIMIT	NONE	RANGE OF SPEEDS	31 TO 54
NUMBER OF LANES	2	10 MPH PACE SPEEDS	38 TO 47
DEVELOPMENT	OPEN	PERCENT IN PACE	66.67
WEATHER	CLEAR	CALCULATED MEAN	42.56
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.16
95% CONFIDENCE GAP	41.68 TO 43.44	SKEWNESS INDEX	-0.13
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	180

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE EAST N/A SPEED LIMIT ON THE WEST N/A

RECOMMENDATIONS For consistency, it is recommended to post a speed limit sign of 45mph

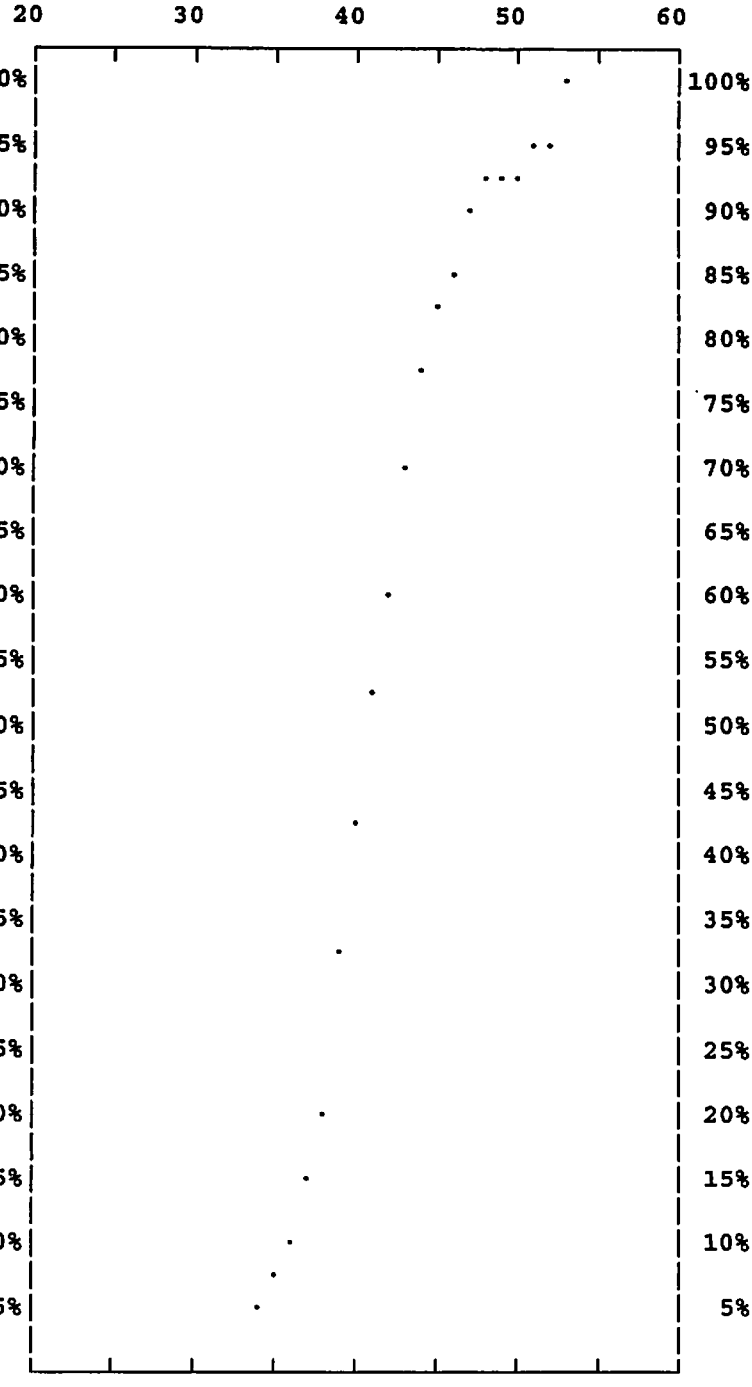
RECOMMENDED SPEED LIMIT 45mph BY RK DATE 11/19/08

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	BOWMAN DOWNS/NORMA		
DIRECTION	EASTBOUND	15th PERCENTILE SPEED	36.64
DATE	10-16-08	50th PERCENTILE SPEED	40.67
DAY OF WEEK	Thursday	85th PERCENTILE SPEED	45.40
TIME OF DAY	12:39PM - 01:24PM	95th PERCENTILE SPEED	50.80
POSTED SPEED LIMIT	NONE	RANGE OF SPEEDS	31 TO 53
NUMBER OF LANES	2	10 MPH PACE SPEEDS	36 TO 45
DEVELOPMENT	OPEN	PERCENT IN PACE	75.00
WEATHER	CLEAR	CALCULATED MEAN	41.56
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.41
95% CONFIDENCE GAP	40.25 TO 42.86	SKEWNESS INDEX	-0.07

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %	
60	0	0.000	99.999	100%
59	0	0.000	99.999	
58	0	0.000	99.999	95%
57	0	0.000	99.999	
56	0	0.000	99.999	90%
55	0	0.000	99.999	
54	0	0.000	99.999	85%
53	3	3.409	99.999	
52	1	1.136	96.590	80%
51	2	2.273	95.454	
50	0	0.000	93.181	75%
49	0	0.000	93.181	
48	2	2.273	93.181	70%
47	4	4.545	90.908	
46	2	2.273	86.363	65%
45	5	5.682	84.090	
44	7	7.955	78.408	60%
43	7	7.955	70.454	
42	8	9.091	62.499	55%
41	9	10.227	53.409	
40	9	10.227	43.181	50%
39	10	11.364	32.954	
38	4	4.545	21.591	45%
37	5	5.682	17.045	
36	2	2.273	11.363	40%
35	3	3.409	9.091	
34	3	3.409	5.682	35%
33	0	0.000	2.273	
32	1	1.136	2.273	30%
31	1	1.136	1.136	
30	0	0.000	0.000	25%
29	0	0.000	0.000	
28	0	0.000	0.000	20%
27	0	0.000	0.000	
26	0	0.000	0.000	15%
25	0	0.000	0.000	
24	0	0.000	0.000	10%
23	0	0.000	0.000	
22	0	0.000	0.000	5%
21	0	0.000	0.000	



88 VEHICLES OBSERVED

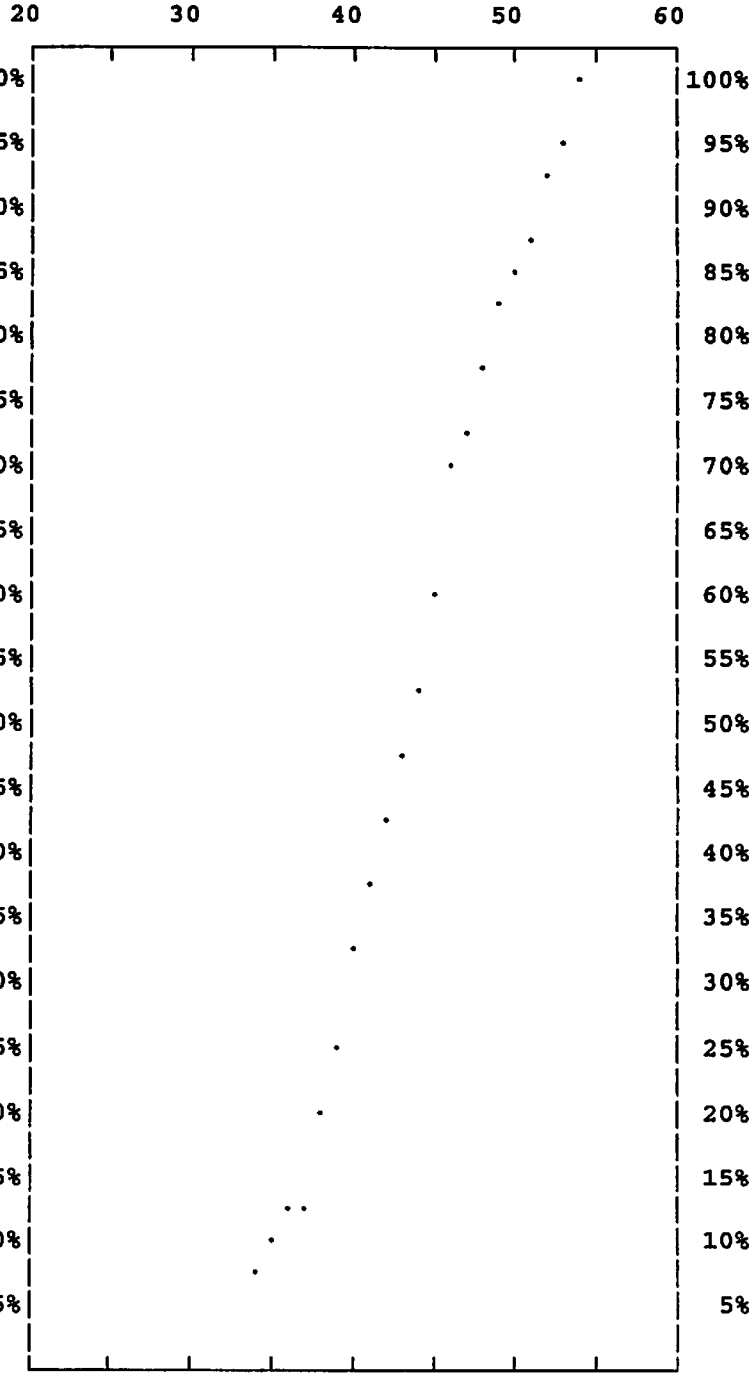
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	BOWMAN DOWNS/NORMA		
DIRECTION	WESTBOUND	15th PERCENTILE SPEED	37.13
DATE	10-16-08	50th PERCENTILE SPEED	43.25
DAY OF WEEK	Thursday	85th PERCENTILE SPEED	49.55
TIME OF DAY	12:39PM - 01:24PM	95th PERCENTILE SPEED	52.70
POSTED SPEED LIMIT	NONE	RANGE OF SPEEDS	33 TO 54
NUMBER OF LANES	2	10 MPH PACE SPEEDS	38 TO 47
DEVELOPMENT	OPEN	PERCENT IN PACE	59.78
WEATHER	CLEAR	CALCULATED MEAN	43.52
ROAD CONDITION	PAVED	STANDARD DEVIATION	7.30
95% CONFIDENCE GAP	42.07 TO 44.98	SKEWNESS INDEX	0.04

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %	
60	0	0.000	99.999	100%
59	0	0.000	99.999	
58	0	0.000	99.999	95%
57	0	0.000	99.999	
56	0	0.000	99.999	90%
55	0	0.000	99.999	
54	4	4.348	99.999	85%
53	2	2.174	95.651	
52	4	4.348	93.477	80%
51	2	2.174	89.130	
50	4	4.348	86.956	75%
49	3	3.261	82.608	
48	5	5.435	79.347	70%
47	3	3.261	73.912	
46	9	9.783	70.652	65%
45	7	7.609	60.869	
44	4	4.348	53.260	60%
43	4	4.348	48.913	
42	5	5.435	44.565	55%
41	5	5.435	39.130	
40	6	6.522	33.695	50%
39	6	6.522	27.174	
38	6	6.522	20.652	45%
37	1	1.087	14.130	
36	2	2.174	13.043	40%
35	3	3.261	10.869	
34	5	5.435	7.609	35%
33	2	2.174	2.174	
32	0	0.000	0.000	30%
31	0	0.000	0.000	
30	0	0.000	0.000	25%
29	0	0.000	0.000	
28	0	0.000	0.000	20%
27	0	0.000	0.000	
26	0	0.000	0.000	15%
25	0	0.000	0.000	
24	0	0.000	0.000	10%
23	0	0.000	0.000	
22	0	0.000	0.000	5%
21	0	0.000	0.000	



92 VEHICLES OBSERVED

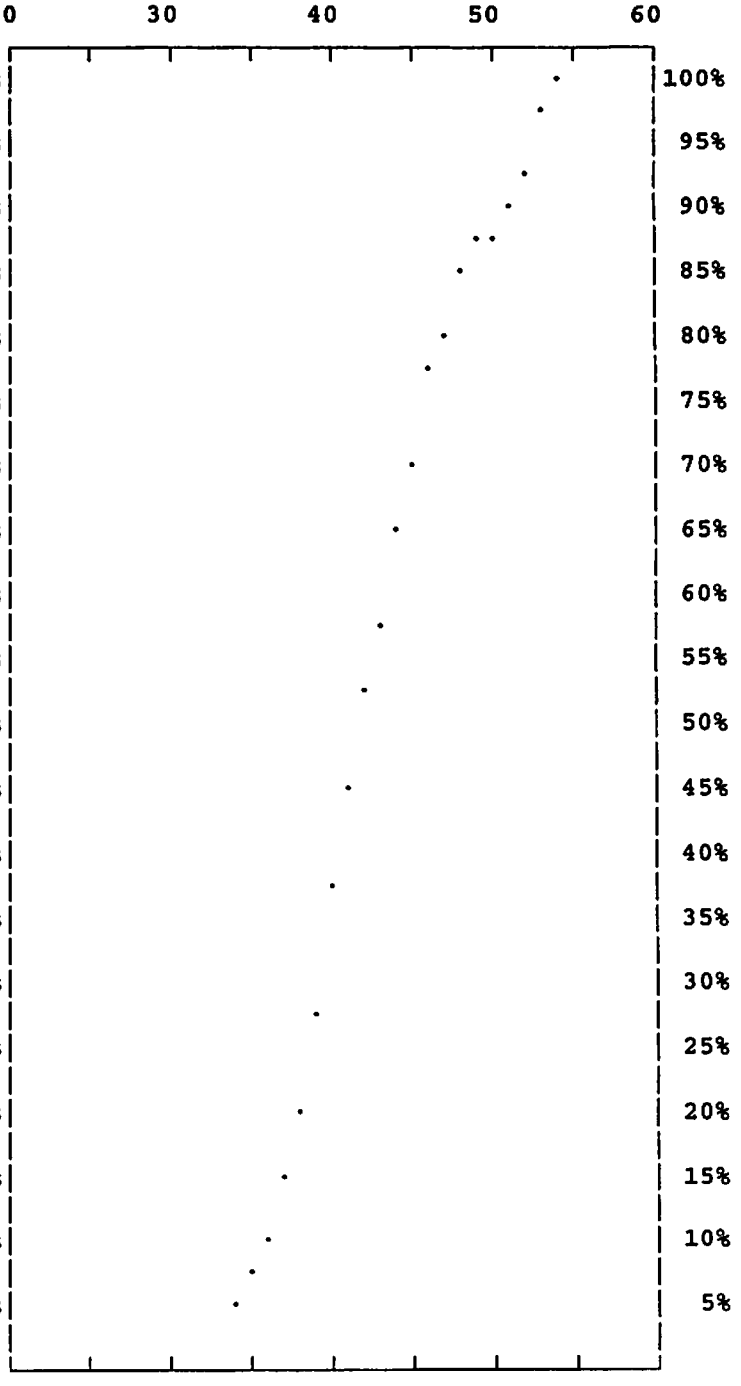
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	BOWMAN DOWNS/NORMA		
DIRECTION	TOTAL	15th PERCENTILE SPEED	36.83
DATE	10-16-08	50th PERCENTILE SPEED	41.54
DAY OF WEEK	Thursday	85th PERCENTILE SPEED	47.71
TIME OF DAY	12:39PM - 01:24PM	95th PERCENTILE SPEED	52.00
POSTED SPEED LIMIT	NONE	RANGE OF SPEEDS	31 TO 54
NUMBER OF LANES	2	10 MPH PACE SPEEDS	38 TO 47
DEVELOPMENT	OPEN	PERCENT IN PACE	66.67
WEATHER	CLEAR	CALCULATED MEAN	42.56
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.16
95% CONFIDENCE GAP	41.68 TO 43.44	SKEWNESS INDEX	-0.13

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %	
60	0	0.000	99.999	100%
59	0	0.000	99.999	
58	0	0.000	99.999	95%
57	0	0.000	99.999	
56	0	0.000	99.999	90%
55	0	0.000	99.999	
54	4	2.222	99.999	85%
53	5	2.778	97.777	
52	5	2.778	94.999	80%
51	4	2.222	92.221	
50	4	2.222	89.999	75%
49	3	1.667	87.777	
48	7	3.889	86.110	70%
47	7	3.889	82.222	
46	11	6.111	78.333	65%
45	12	6.667	72.222	
44	11	6.111	65.555	60%
43	11	6.111	59.444	
42	13	7.222	53.333	55%
41	14	7.778	46.111	
40	15	8.333	38.333	50%
39	16	8.889	30.000	
38	10	5.556	21.111	45%
37	6	3.333	15.555	
36	4	2.222	12.222	40%
35	6	3.333	10.000	
34	8	4.444	6.667	35%
33	2	1.111	2.222	
32	1	0.556	1.111	30%
31	1	0.556	0.556	
30	0	0.000	0.000	25%
29	0	0.000	0.000	
28	0	0.000	0.000	20%
27	0	0.000	0.000	
26	0	0.000	0.000	15%
25	0	0.000	0.000	
24	0	0.000	0.000	10%
23	0	0.000	0.000	
22	0	0.000	0.000	5%
21	0	0.000	0.000	



180 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

10

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION BOWMAN NORMA/CHINA LAKE

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	34.04
DATE	10-16-08	50th PERCENTILE SPEED	38.18
DAY OF WEEK	Thursday	85th PERCENTILE SPEED	43.15
TIME OF DAY	01:45PM - 02:18PM	95th PERCENTILE SPEED	45.49
POSTED SPEED LIMIT	NONE	RANGE OF SPEEDS	27 TO 53
NUMBER OF LANES	2	10 MPH PACE SPEEDS	35 TO 44
DEVELOPMENT	OPEN	PERCENT IN PACE	73.93
WEATHER	CLEAR	CALCULATED MEAN	38.87
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.29
95% CONFIDENCE GAP	38.17 TO 39.56	SKEWNESS INDEX	-0.02
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	211

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE EAST N/A SPEED LIMIT ON THE WEST N/A

RECOMMENDATIONS _____

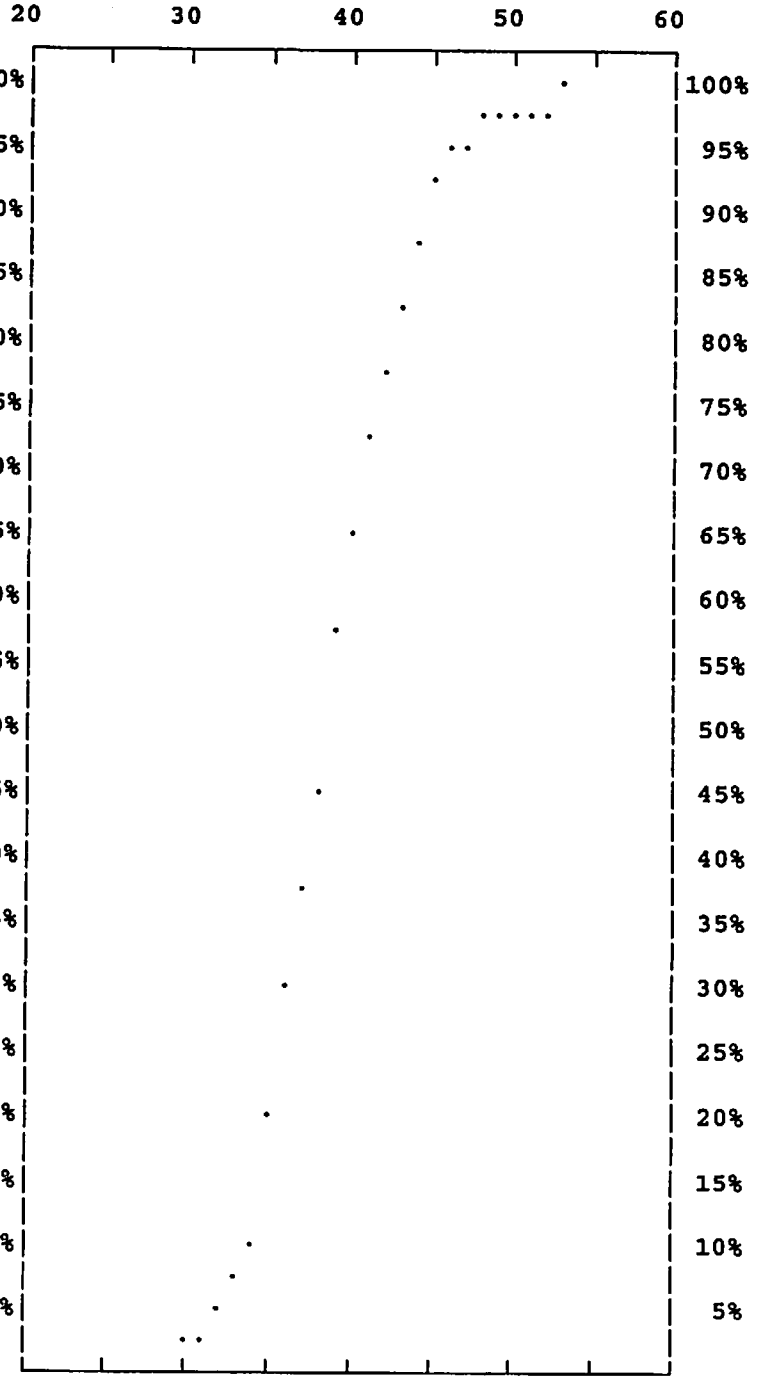
RECOMMENDED SPEED LIMIT 45mph BY RK DATE 11/18/08

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	BOWMAN NORMA/CHINA LAKE		
DIRECTION	EASTBOUND	15th PERCENTILE SPEED	34.33
DATE	10-16-08	50th PERCENTILE SPEED	38.25
DAY OF WEEK	Thursday	85th PERCENTILE SPEED	43.34
TIME OF DAY	01:45PM - 02:18PM	95th PERCENTILE SPEED	45.45
POSTED SPEED LIMIT	NONE	RANGE OF SPEEDS	27 TO 53
NUMBER OF LANES	2	10 MPH PACE SPEEDS	35 TO 44
DEVELOPMENT	OPEN	PERCENT IN PACE	76.47
WEATHER	CLEAR	CALCULATED MEAN	38.95
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.97
95% CONFIDENCE GAP	37.82 TO 40.08	SKEWNESS INDEX	-0.03

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	1	0.980	99.999
52	0	0.000	99.018
51	1	0.980	99.018
50	0	0.000	98.038
49	0	0.000	98.038
48	2	1.961	98.038
47	0	0.000	96.077
46	2	1.961	96.077
45	6	5.882	94.117
44	5	4.902	88.234
43	4	3.922	83.333
42	7	6.863	79.411
41	6	5.882	72.548
40	8	7.843	66.666
39	12	11.765	58.823
38	8	7.843	47.058
37	9	8.824	39.215
36	9	8.824	30.392
35	10	9.804	21.568
34	3	2.941	11.764
33	2	1.961	8.823
32	3	2.941	6.862
31	0	0.000	3.921
30	2	1.961	3.921
29	1	0.980	1.961
28	0	0.000	0.980
27	1	0.980	0.980
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



102 VEHICLES OBSERVED

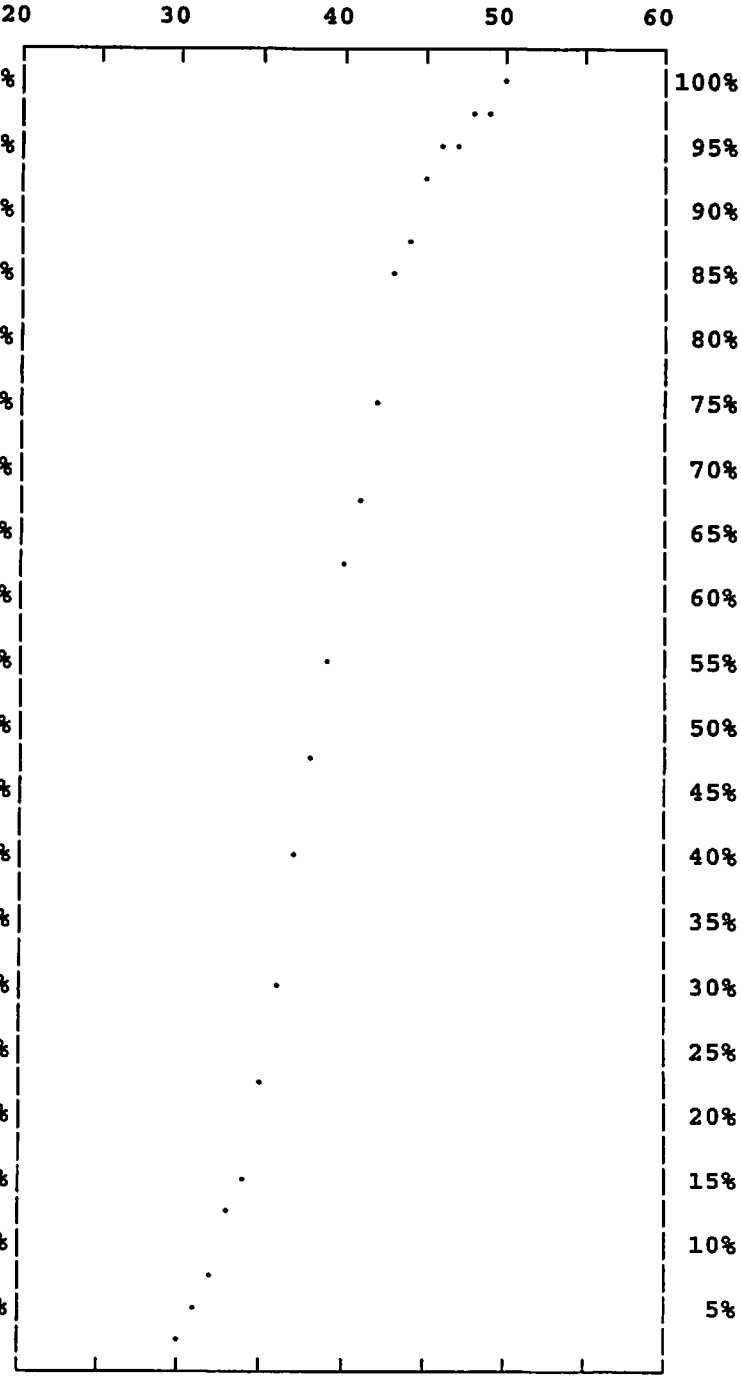
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	BOWMAN NORMA/CHINA LAKE		
DIRECTION	WESTBOUND	15th PERCENTILE SPEED	33.47
DATE	10-16-08	50th PERCENTILE SPEED	38.07
DAY OF WEEK	Thursday	85th PERCENTILE SPEED	42.96
TIME OF DAY	01:45PM - 02:18PM	95th PERCENTILE SPEED	45.51
POSTED SPEED LIMIT	NONE	RANGE OF SPEEDS	27 TO 50
NUMBER OF LANES	2	10 MPH PACE SPEEDS	34 TO 43
DEVELOPMENT	OPEN	PERCENT IN PACE	72.48
WEATHER	CLEAR	CALCULATED MEAN	38.79
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.92
95% CONFIDENCE GAP	37.71 TO 39.87	SKEWNESS INDEX	-0.02

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %	
60	0	0.000	99.999	100%
59	0	0.000	99.999	
58	0	0.000	99.999	95%
57	0	0.000	99.999	
56	0	0.000	99.999	90%
55	0	0.000	99.999	
54	0	0.000	99.999	85%
53	0	0.000	99.999	
52	0	0.000	99.999	80%
51	0	0.000	99.999	
50	1	0.917	99.999	75%
49	1	0.917	99.082	
48	1	0.917	98.164	70%
47	0	0.000	97.247	
46	5	4.587	97.247	65%
45	4	3.670	92.660	
44	4	3.670	88.990	60%
43	9	8.257	85.320	
42	9	8.257	77.064	55%
41	6	5.505	68.807	
40	8	7.339	63.302	50%
39	7	6.422	55.963	
38	10	9.174	49.541	45%
37	9	8.257	40.367	
36	10	9.174	32.110	40%
35	6	5.505	22.935	
34	5	4.587	17.431	35%
33	5	4.587	12.844	
32	2	1.835	8.257	30%
31	4	3.670	6.422	
30	1	0.917	2.752	25%
29	0	0.000	1.835	
28	1	0.917	1.835	20%
27	1	0.917	0.917	
26	0	0.000	0.000	15%
25	0	0.000	0.000	
24	0	0.000	0.000	10%
23	0	0.000	0.000	
22	0	0.000	0.000	5%
21	0	0.000	0.000	



109 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

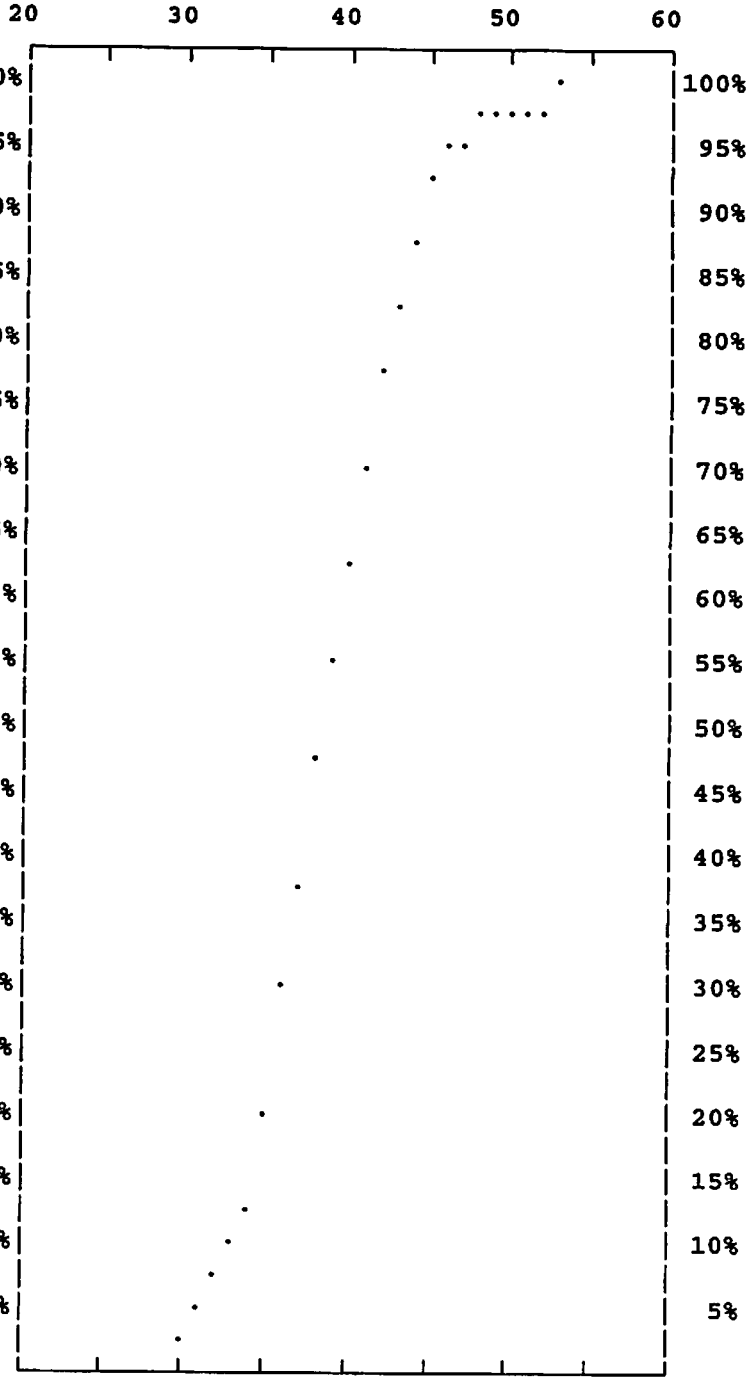
RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	BOWMAN NORMA/CHINA LAKE		
DIRECTION	TOTAL	15th PERCENTILE SPEED	34.04
DATE	10-16-08	50th PERCENTILE SPEED	38.18
DAY OF WEEK	Thursday	85th PERCENTILE SPEED	43.15
TIME OF DAY	01:45PM - 02:18PM	95th PERCENTILE SPEED	45.49
POSTED SPEED LIMIT	NONE	RANGE OF SPEEDS	27 TO 53
NUMBER OF LANES	2	10 MPH PACE SPEEDS	35 TO 44
DEVELOPMENT	OPEN	PERCENT IN PACE	73.93
WEATHER	CLEAR	CALCULATED MEAN	38.87
ROAD CONDITION	PAVED	STANDARD DEVIATION	5.29
95% CONFIDENCE GAP	38.17 TO 39.56	SKEWNESS INDEX	-0.02

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	0	0.000	99.999
59	0	0.000	99.999
58	0	0.000	99.999
57	0	0.000	99.999
56	0	0.000	99.999
55	0	0.000	99.999
54	0	0.000	99.999
53	1	0.474	99.999
52	0	0.000	99.525
51	1	0.474	99.525
50	1	0.474	99.051
49	1	0.474	98.578
48	3	1.422	98.104
47	0	0.000	96.682
46	7	3.318	96.682
45	10	4.739	93.364
44	9	4.265	88.625
43	13	6.161	84.360
42	16	7.583	78.199
41	12	5.687	70.616
40	16	7.583	64.928
39	19	9.005	57.346
38	18	8.531	48.341
37	18	8.531	39.810
36	19	9.005	31.279
35	16	7.583	22.275
34	8	3.791	14.692
33	7	3.318	10.900
32	5	2.370	7.583
31	4	1.896	5.213
30	3	1.422	3.317
29	1	0.474	1.896
28	1	0.474	1.422
27	2	0.948	0.948
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000

211 VEHICLES OBSERVED



Prepared by Newport Traffic Studies

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION BOWMAN CHINA LAKE/SUNLAND

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	35.73
DATE	10-16-08	50th PERCENTILE SPEED	41.09
DAY OF WEEK	Thursday	85th PERCENTILE SPEED	45.98
TIME OF DAY	02:20PM - 03:12PM	95th PERCENTILE SPEED	51.32
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	27 TO 60
NUMBER OF LANES	2	10 MPH PACE SPEEDS	36 TO 45
DEVELOPMENT	OPEN	PERCENT IN PACE	71.64
WEATHER	CLEAR	CALCULATED MEAN	41.66
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.33
95% CONFIDENCE GAP	40.80 TO 42.51	SKEWNESS INDEX	-0.06
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	201

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE EAST 35mph SPEED LIMIT ON THE WEST 35mph

RECOMMENDATIONS _____

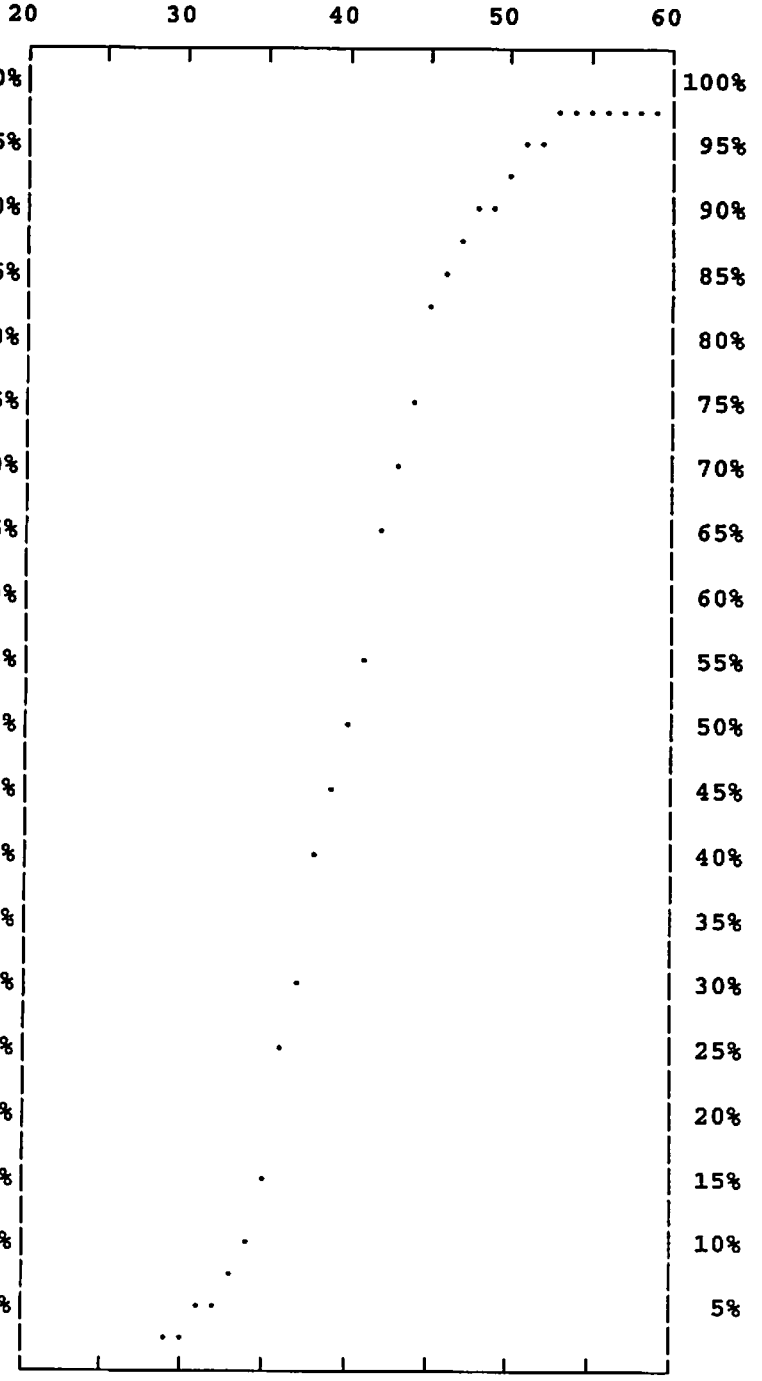
RECOMMENDED SPEED LIMIT 50mph BY RK DATE 11/13/08

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	BOWMAN CHINA LAKE/SUNLAND		
DIRECTION	EASTBOUND	15th PERCENTILE SPEED	35.00
DATE	10-16-08	50th PERCENTILE SPEED	40.00
DAY OF WEEK	Thursday	85th PERCENTILE SPEED	45.50
TIME OF DAY	02:20PM - 03:12PM	95th PERCENTILE SPEED	51.00
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	27 TO 60
NUMBER OF LANES	2	10 MPH PACE SPEEDS	36 TO 45
DEVELOPMENT	OPEN	PERCENT IN PACE	69.00
WEATHER	CLEAR	CALCULATED MEAN	40.71
ROAD CONDITION	PAVED	STANDARD DEVIATION	7.17
95% CONFIDENCE GAP	39.34 TO 42.08	SKEWNESS INDEX	-0.14

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	1	1.000	100.000
59	0	0.000	99.000
58	0	0.000	99.000
57	0	0.000	99.000
56	0	0.000	99.000
55	1	1.000	99.000
54	0	0.000	98.000
53	1	1.000	98.000
52	2	2.000	97.000
51	1	1.000	95.000
50	3	3.000	94.000
49	1	1.000	91.000
48	2	2.000	90.000
47	2	2.000	88.000
46	2	2.000	86.000
45	8	8.000	84.000
44	6	6.000	76.000
43	5	5.000	70.000
42	9	9.000	65.000
41	6	6.000	56.000
40	5	5.000	50.000
39	4	4.000	45.000
38	10	10.000	41.000
37	6	6.000	31.000
36	10	10.000	25.000
35	3	3.000	15.000
34	4	4.000	12.000
33	3	3.000	8.000
32	0	0.000	5.000
31	1	1.000	5.000
30	1	1.000	4.000
29	2	2.000	3.000
28	0	0.000	1.000
27	1	1.000	1.000
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



100 VEHICLES OBSERVED

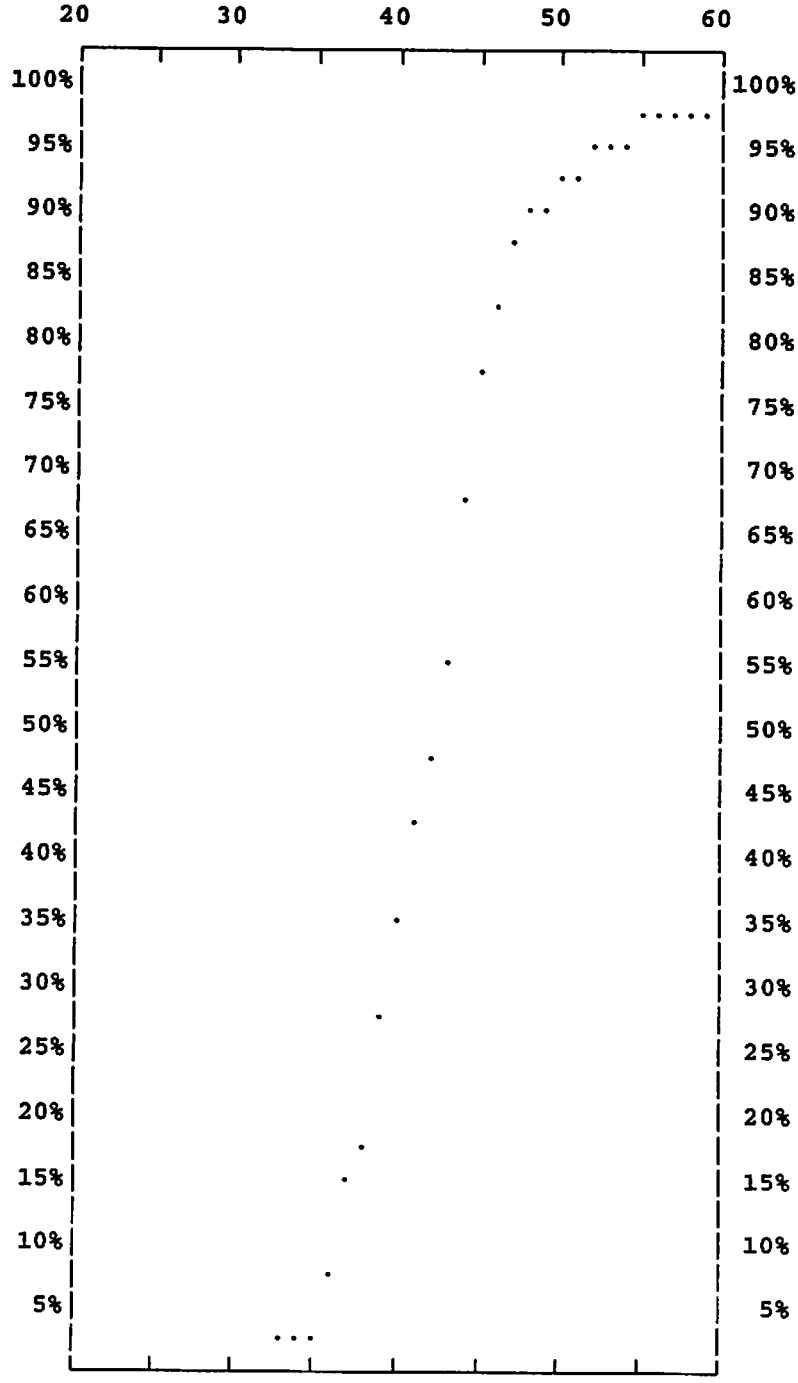
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	BOWMAN CHINA LAKE/SUNLAND		
DIRECTION	WESTBOUND	15th PERCENTILE SPEED	36.88
DATE	10-16-08	50th PERCENTILE SPEED	42.06
DAY OF WEEK	Thursday	85th PERCENTILE SPEED	46.21
TIME OF DAY	02:20PM - 03:12PM	95th PERCENTILE SPEED	51.95
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	31 TO 60
NUMBER OF LANES	2	10 MPH PACE SPEEDS	37 TO 46
DEVELOPMENT	OPEN	PERCENT IN PACE	75.25
WEATHER	CLEAR	CALCULATED MEAN	42.59
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.70
95% CONFIDENCE GAP	41.32 TO 43.87	SKEWNESS INDEX	-0.06

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	2	1.980	99.998
59	0	0.000	98.018
58	0	0.000	98.018
57	0	0.000	98.018
56	0	0.000	98.018
55	2	1.980	98.018
54	0	0.000	96.038
53	1	0.990	96.038
52	1	0.990	95.048
51	0	0.000	94.058
50	2	1.980	94.058
49	1	0.990	92.077
48	3	2.970	91.087
47	4	3.960	88.117
46	5	4.950	84.157
45	10	9.901	79.207
44	12	11.881	69.306
43	8	7.921	57.425
42	7	6.931	49.504
41	6	5.941	42.573
40	9	8.911	36.633
39	10	9.901	27.722
38	2	1.980	17.821
37	7	6.931	15.841
36	4	3.960	8.910
35	1	0.990	4.950
34	1	0.990	3.960
33	1	0.990	2.970
32	1	0.990	1.980
31	1	0.990	0.990
30	0	0.000	0.000
29	0	0.000	0.000
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



101 VEHICLES OBSERVED

Prepared by Newport Traffic Studies

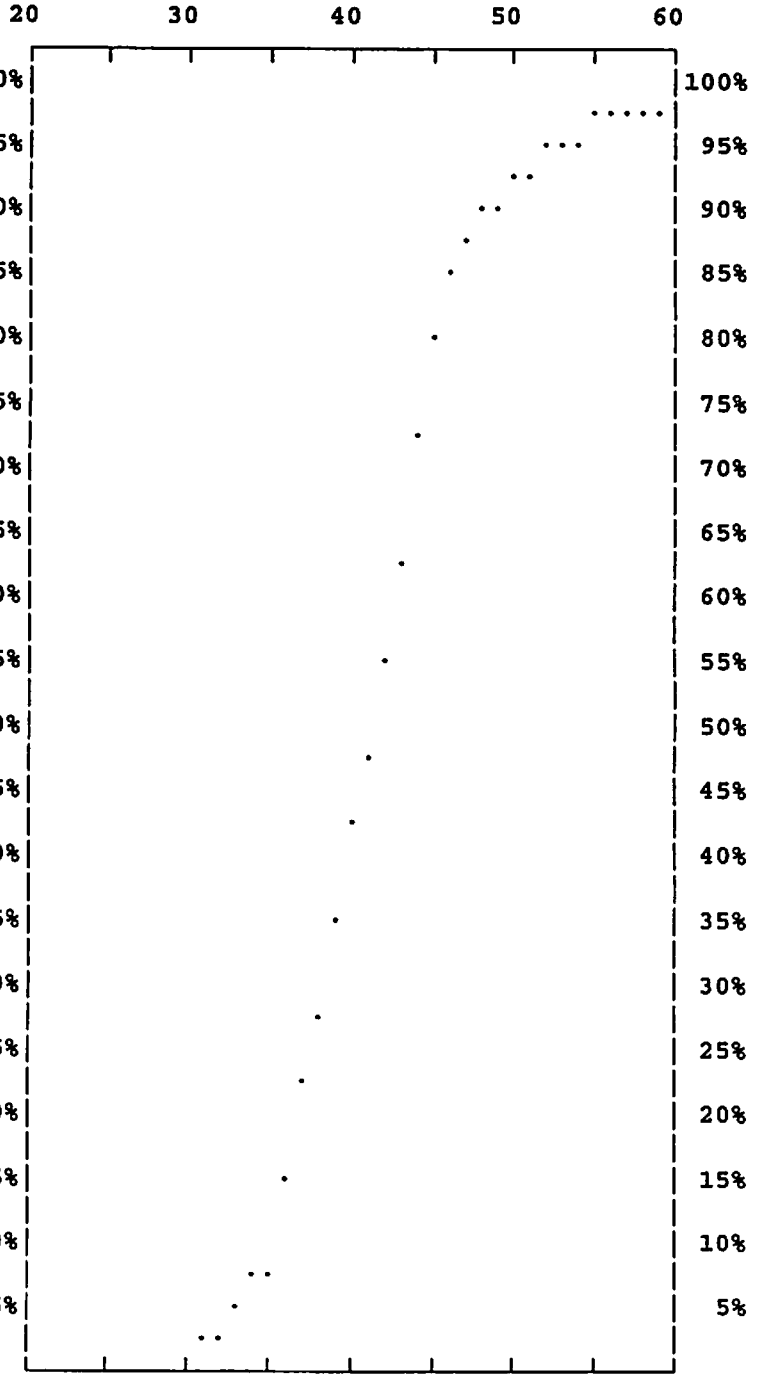
RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	BOWMAN CHINA LAKE/SUNLAND		
DIRECTION	TOTAL	15th PERCENTILE SPEED	35.73
DATE	10-16-08	50th PERCENTILE SPEED	41.09
DAY OF WEEK	Thursday	85th PERCENTILE SPEED	45.98
TIME OF DAY	02:20PM - 03:12PM	95th PERCENTILE SPEED	51.32
POSTED SPEED LIMIT	35	RANGE OF SPEEDS	27 TO 60
NUMBER OF LANES	2	10 MPH PACE SPEEDS	36 TO 45
DEVELOPMENT	OPEN	PERCENT IN PACE	71.64
WEATHER	CLEAR	CALCULATED MEAN	41.66
ROAD CONDITION	PAVED	STANDARD DEVIATION	6.33
95% CONFIDENCE GAP	40.80 TO 42.51	SKEWNESS INDEX	-0.06

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	3	1.493	99.999
59	0	0.000	98.506
58	0	0.000	98.506
57	0	0.000	98.506
56	0	0.000	98.506
55	3	1.493	98.506
54	0	0.000	97.014
53	2	0.995	97.014
52	3	1.493	96.019
51	1	0.498	94.526
50	5	2.488	94.029
49	2	0.995	91.541
48	5	2.488	90.546
47	6	2.985	88.059
46	7	3.483	85.074
45	18	8.955	81.591
44	18	8.955	72.636
43	13	6.468	63.681
42	16	7.960	57.213
41	12	5.970	49.253
40	14	6.965	43.283
39	14	6.965	36.318
38	12	5.970	29.353
37	13	6.468	23.383
36	14	6.965	16.915
35	4	1.990	9.950
34	5	2.488	7.960
33	4	1.990	5.473
32	1	0.498	3.483
31	2	0.995	2.985
30	1	0.498	1.990
29	2	0.995	1.493
28	0	0.000	0.498
27	1	0.498	0.498
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000

201 VEHICLES OBSERVED



Prepared by Newport Traffic Studies

SPEED ZONE REPORT SHEET

CITY RIDGECREST
LOCATION BOWMAN SUNLAND/GATEWAY

*** FIELD STATISTICS ***

DIRECTION	TOTAL	15th PERCENTILE SPEED	37.29
DATE	10-16-08	50th PERCENTILE SPEED	44.28
DAY OF WEEK	Thursday	85th PERCENTILE SPEED	51.28
TIME OF DAY	03:14PM - 04:01PM	95th PERCENTILE SPEED	58.11
POSTED SPEED LIMIT	NONE	RANGE OF SPEEDS	29 TO 60
NUMBER OF LANES	2	10 MPH PACE SPEEDS	40 TO 49
DEVELOPMENT	OPEN	PERCENT IN PACE	56.04
WEATHER	CLEAR	CALCULATED MEAN	44.92
ROAD CONDITION	PAVED	STANDARD DEVIATION	7.55
95% CONFIDENCE GAP	43.92 TO 45.92	SKEWNESS INDEX	-0.06
PERFORMED BY :G CRON		TOTAL VEHICLES OBSERVED	207

*** OTHER CONSIDERATIONS ***

ACCIDENT HISTORY

___ POSSIBLE SPEED ZONE REDUCTION DUE TO ACCIDENT HISTORY

2 YR ACC HISTORY ___ VOLUME _____ LENGTH _____ ACC/MVM _____

REMARKS _____

___ ROADWAY CHARACTERISTICS AND/OR CONDITONS UNSEEN BY DRIVER

DESCRIBE _____

___ CONTINUITY OF SPEED ZONING

SPEED LIMIT ON THE EAST 35mph SPEED LIMIT ON THE WEST N/A

RECOMMENDATIONS _____

RECOMMENDED SPEED LIMIT 50mph BY RK DATE 11/19/08

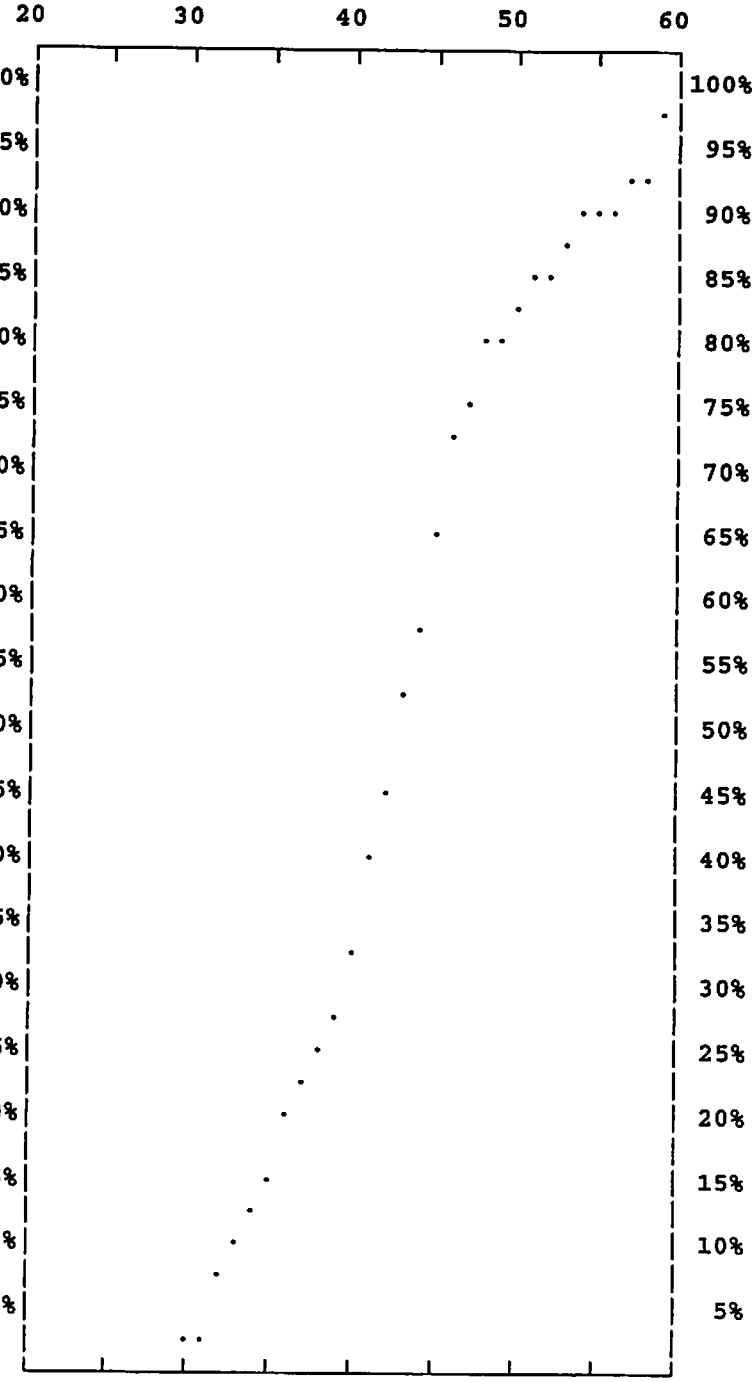
RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	BOWMAN SUNLAND/GATEWAY		
DIRECTION	EASTBOUND	15th PERCENTILE SPEED	34.58
DATE	10-16-08	50th PERCENTILE SPEED	42.50
DAY OF WEEK	Thursday	85th PERCENTILE SPEED	50.85
TIME OF DAY	03:14PM - 04:01PM	95th PERCENTILE SPEED	58.23
POSTED SPEED LIMIT	NONE	RANGE OF SPEEDS	29 TO 60
NUMBER OF LANES	2	10 MPH PACE SPEEDS	39 TO 48
DEVELOPMENT	OPEN	PERCENT IN PACE	52.94
WEATHER	CLEAR	CALCULATED MEAN	43.24
ROAD CONDITION	PAVED	STANDARD DEVIATION	8.68
95% CONFIDENCE GAP	41.59 TO 44.88	SKEWNESS INDEX	-0.13

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	2	1.961	99.998
59	4	3.922	98.037
58	0	0.000	94.116
57	2	1.961	94.116
56	0	0.000	92.155
55	1	0.980	92.155
54	2	1.961	91.175
53	3	2.941	89.214
52	1	0.980	86.273
51	2	1.961	85.293
50	1	0.980	83.332
49	2	1.961	82.352
48	5	4.902	80.391
47	3	2.941	75.489
46	6	5.882	72.548
45	9	8.824	66.666
44	5	4.902	57.842
43	6	5.882	52.940
42	7	6.863	47.058
41	6	5.882	40.195
40	5	4.902	34.313
39	2	1.961	29.411
38	3	2.941	27.450
37	3	2.941	24.509
36	5	4.902	21.568
35	4	3.922	16.666
34	2	1.961	12.745
33	3	2.941	10.784
32	4	3.922	7.843
31	0	0.000	3.921
30	2	1.961	3.921
29	2	1.961	1.961
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000

102 VEHICLES OBSERVED



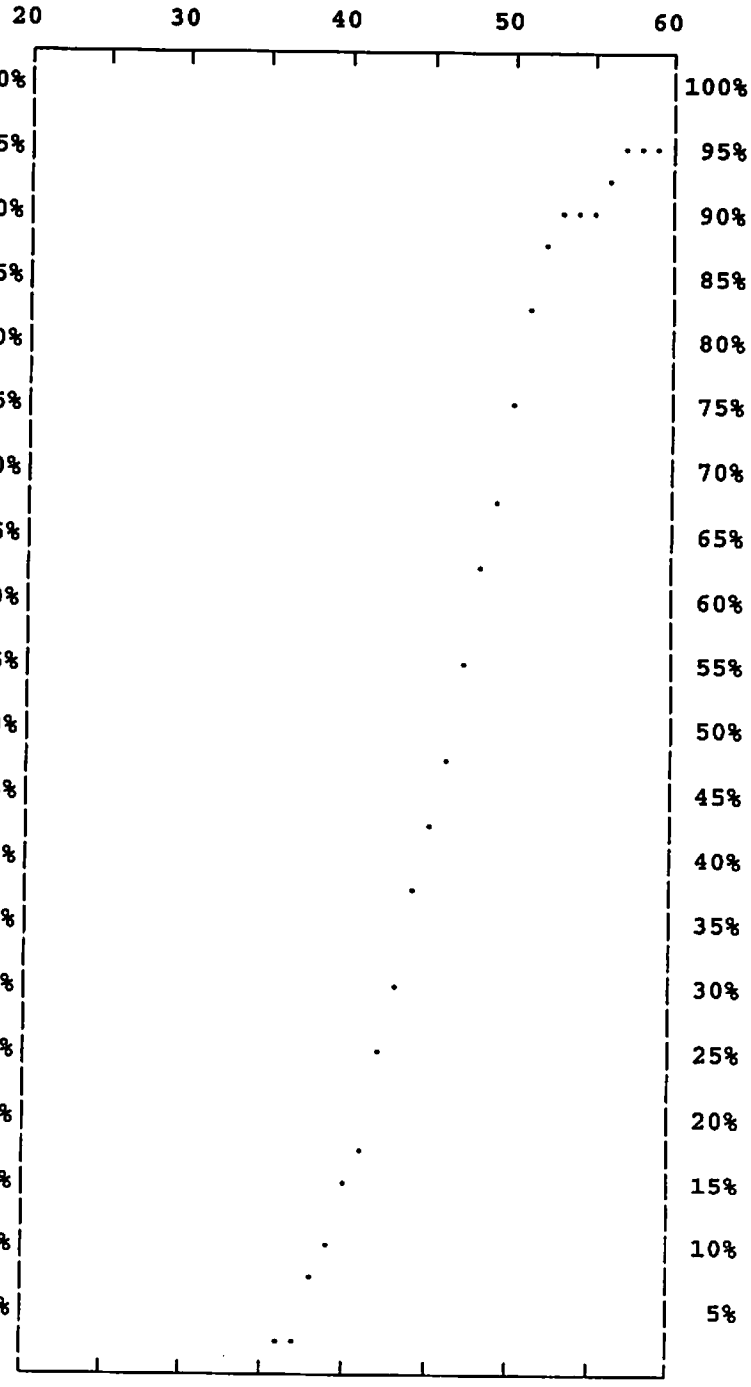
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	BOWMAN SUNLAND/GATEWAY		
DIRECTION	WESTBOUND	15th PERCENTILE SPEED	39.79
DATE	10-16-08	50th PERCENTILE SPEED	46.08
DAY OF WEEK	Thursday	85th PERCENTILE SPEED	51.38
TIME OF DAY	03:14PM - 04:01PM	95th PERCENTILE SPEED	56.75
POSTED SPEED LIMIT	NONE	RANGE OF SPEEDS	34 TO 60
NUMBER OF LANES	2	10 MPH PACE SPEEDS	42 TO 51
DEVELOPMENT	OPEN	PERCENT IN PACE	62.86
WEATHER	CLEAR	CALCULATED MEAN	46.55
ROAD CONDITION	PAVED	STANDARD DEVIATION	7.32
95% CONFIDENCE GAP	45.19 TO 47.92	SKEWNESS INDEX	-0.06

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	3	2.857	99.998
59	2	1.905	97.141
58	0	0.000	95.237
57	1	0.952	95.237
56	2	1.905	94.284
55	1	0.952	92.380
54	1	0.952	91.427
53	2	1.905	90.475
52	6	5.714	88.570
51	8	7.619	82.856
50	6	5.714	75.237
49	7	6.667	69.523
48	8	7.619	62.856
47	6	5.714	55.237
46	5	4.762	49.523
45	7	6.667	44.761
44	6	5.714	38.095
43	6	5.714	32.380
42	7	6.667	26.666
41	4	3.810	20.000
40	6	5.714	16.190
39	3	2.857	10.476
38	4	3.810	7.619
37	1	0.952	3.809
36	2	1.905	2.857
35	0	0.000	0.952
34	1	0.952	0.952
33	0	0.000	0.000
32	0	0.000	0.000
31	0	0.000	0.000
30	0	0.000	0.000
29	0	0.000	0.000
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



105 VEHICLES OBSERVED

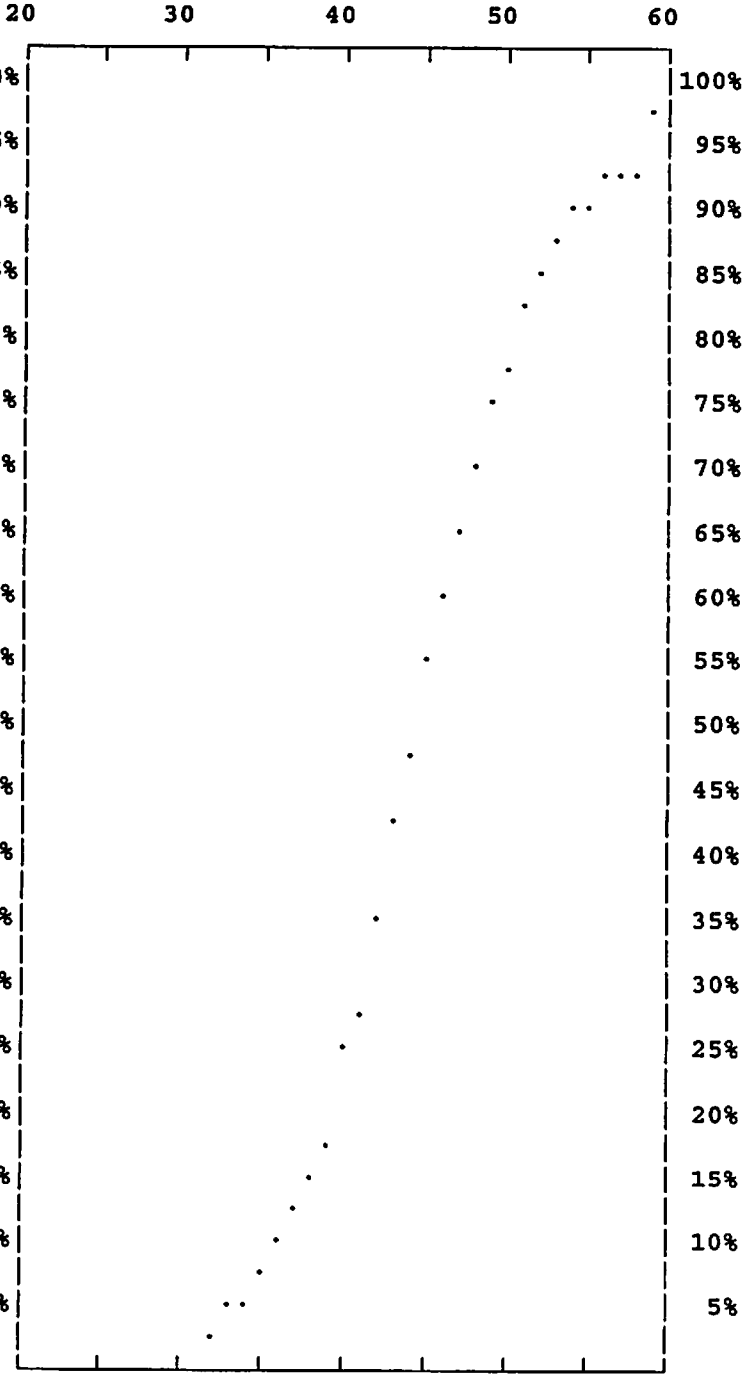
Prepared by Newport Traffic Studies

RADAR SURVEY STATISTICS

CITY	RIDGECREST		
LOCATION	BOWMAN SUNLAND/GATEWAY		
DIRECTION	TOTAL	15th PERCENTILE SPEED	37.29
DATE	10-16-08	50th PERCENTILE SPEED	44.28
DAY OF WEEK	Thursday	85th PERCENTILE SPEED	51.28
TIME OF DAY	03:14PM - 04:01PM	95th PERCENTILE SPEED	58.11
POSTED SPEED LIMIT	NONE	RANGE OF SPEEDS	29 TO 60
NUMBER OF LANES	2	10 MPH PACE SPEEDS	40 TO 49
DEVELOPMENT	OPEN	PERCENT IN PACE	56.04
WEATHER	CLEAR	CALCULATED MEAN	44.92
ROAD CONDITION	PAVED	STANDARD DEVIATION	7.55
95% CONFIDENCE GAP	43.92 TO 45.92	SKEWNESS INDEX	-0.06

PERFORMED BY :G CRON

SPEED	NUM	PCT	ACC %
60	5	2.415	99.998
59	6	2.899	97.583
58	0	0.000	94.685
57	3	1.449	94.685
56	2	0.966	93.235
55	2	0.966	92.269
54	3	1.449	91.303
53	5	2.415	89.854
52	7	3.382	87.439
51	10	4.831	84.057
50	7	3.382	79.226
49	9	4.348	75.844
48	13	6.280	71.497
47	9	4.348	65.217
46	11	5.314	60.869
45	16	7.729	55.555
44	11	5.314	47.825
43	12	5.797	42.511
42	14	6.763	36.714
41	10	4.831	29.951
40	11	5.314	25.120
39	5	2.415	19.806
38	7	3.382	17.391
37	4	1.932	14.009
36	7	3.382	12.077
35	4	1.932	8.695
34	3	1.449	6.763
33	3	1.449	5.314
32	4	1.932	3.865
31	0	0.000	1.932
30	2	0.966	1.932
29	2	0.966	0.966
28	0	0.000	0.000
27	0	0.000	0.000
26	0	0.000	0.000
25	0	0.000	0.000
24	0	0.000	0.000
23	0	0.000	0.000
22	0	0.000	0.000
21	0	0.000	0.000



207 VEHICLES OBSERVED

Prepared by Newport Traffic Studies