

RESOLUTION NO. 4017

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF REDLANDS
ESTABLISHING TRAFFIC REGULATIONS PURSUANT TO CHAPTER 67
OF THE REDLANDS ORDINANCE CODE

Pursuant to studies made in accordance with Chapter 67 of the Redlands Ordinance Code and the presentation of information gained in such studies, the City Council hereby finds and determines that traffic conditions and the convenience of the public require that certain regulations are necessary and shall be established.

SECTION ONE: Pursuant to Sections 40802(b), 22357 and 22358 of the California Vehicle Code and Article 680, Section 28001(a) of the Redlands Traffic Ordinance, the following highway has been studied and the following speed limits are hereby found most appropriate to facilitate the orderly movement of traffic and are reasonable and safe:

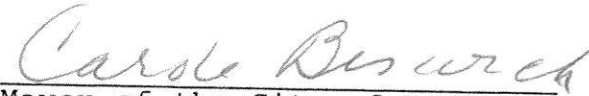
Highway: Citrus Avenue

Date of Study: October 31, 1984

Speed Limits as Follows:

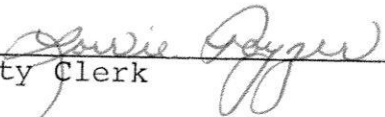
- 25 MPH between Eureka Street and University Street
- 35 MPH between University Street and Dearborn Street
- 40 MPH between Dearborn Street and Wabash Avenue

ADOPTED, SIGNED AND APPROVED this 4th day of December, 1984.



Mayor of the City of Redlands

ATTEST:



City Clerk

ENGINEERING, TRAFFIC AND SPEED STUDY

HIGHWAY UNDER SURVEY: Citrus Avenue

AREA: Between Eureka Street and Wabash Avenue

DATE OF SURVEY: October 31, 1984

FACTS AND RECOMMENDATIONS

Based on the facts of this survey, it is recommended that Citrus Avenue, between Eureka Street and University Street, remain posted as a 25 mph zone.

The area between Eureka Street and Church Street meets the requirements of 22352(b-1), (business district), for a 25 mph zone. The roadway width varies from 64-49 feet in the above area. This area is a central business district and parallel parking is allowed along most of the roadway. The area is also heavily travelled by both vehicular and pedestrian traffic. The observed critical speeds were 28 mph at Eighth Street (pace 20-38 mph, average 24 mph), and 28 mph west of Church Street (pace 20-30 mph, average 24 mph).

Citrus Avenue between Church Street and University Street meets the requirements of 22352(b-2), (school zone), for a 25 mph zone. This area is heavily travelled with both vehicular and pedestrian traffic. The observed critical speed was 28 mph (pace 22-32 mph, average 25 mph).

Taking all facts into consideration, a speed limit of 25 mph on Citrus Avenue between Eureka Street and University Street would be appropriate to facilitate the orderly movement of traffic in a safe and reasonable manner.

The area between University Street and Dearborn Street should remain posted as a 35 mph zone. This area meets the requirements of 22352(b-1), (residential district), for a 25 mph zone. The roadway width is 63 feet and all intersections are controlled by stop signs or automatic traffic control signals. Citrus Avenue between Lincoln Street and Dearborn Street is used as a primary route to Crafton Elementary School and Moore Jr. High School. The observed critical speeds were 38 mph at Grove Street (pace 30-40 mph, average 33 mph), and 38 mph at Cardinal Lane (pace 32-42 mph, average 35 mph).

Taking all facts into consideration, a speed limit of 35 mph on Citrus Avenue between University Street and Dearborn Street would be appropriate to facilitate the orderly movement of traffic in a safe and reasonable manner.

The area between Dearborn Street and Wabash Avenue should remain posted for 40 mph. This area has experienced recent residential development and a commercial development is planned for the south east corner of Dearborn Street and Citrus Avenue. This area of Citrus Avenue is also used as a primary route to Crafton Elementary School and Moore Jr. High School. The observed critical speed was 42 mph (pace 34-44 mph, average 38 mph).

Taking all facts into consideration, a speed limit of 40 mph on Citrus Avenue between Dearborn Street and Wabash Avenue would be appropriate to facilitate the orderly movement in a safe and reasonable manner.

It is recommended that Citrus Avenue be posted as follows:

- 1) 25 mph signs for eastbound traffic
 - A. Just east of Eureka Street
 - B. Just east of Orange Street
 - C. Just east of Sixth Street
 - D. Just east of Redlands Blvd.
- 2) 25 mph signs for westbound traffic
 - A. Just west of University Street
 - B. Just west of Church Street
 - C. Just west of Redlands Blvd.
 - D. Just west of Orange Street
- 3) 35 mph signs for eastbound traffic
 - A. Just east of University Street
 - B. Just east of Cypress Avenue
 - C. Just east of Judson Street
 - D. Just east of Lincoln Street
- 4) 35 mph signs for westbound traffic
 - A. Just west of Dearborn Street
 - B. Just west of Lincoln Street
 - C. Just west of Judson Street
 - D. Just west of Cypress Avenue
- 5) 40 mph sign for eastbound traffic
 - A. Just east of Dearborn
- 6) 40 mph sign for westbound traffic
 - A. Just west of Wabash Avenue

Cletus F. Hyman, Lieutenant
Redlands Police Department

Cletus F. Hyman

Survey Reviewed By
Redlands Traffic Commission

Robert D. Schiefelbusch 4/15/84
Chairman Date

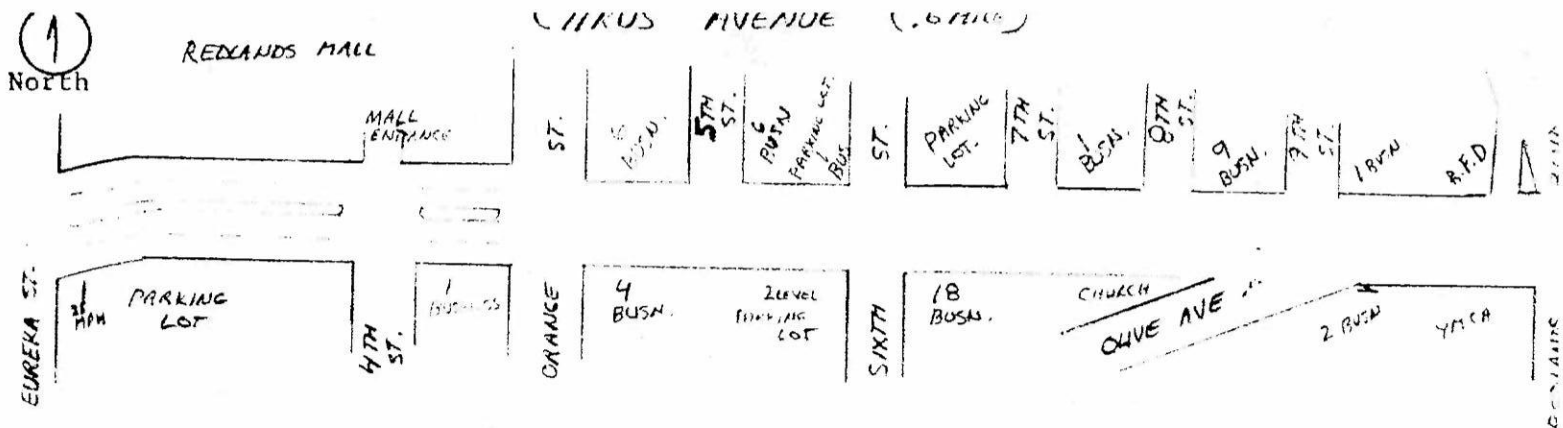
SPEED SURVEY
WORKSHEET # 1

CITRUS AVE
HIGHWAY NAME

BETWEEN EUREKA ST.
AND REDLANDS BLVD

DATE OF SURVEY _____

FILE NUMBER _____



DEVELOPMENT	BUSINESS	PARKING LOTS	CHURCH
ROADWAY WIDTH	63'		49'
NO. OF STRIPED LANES	FOUR	TWO	
TYPE OF DIVISION STRIP	CEMENT ISLAND	BROKEN YELLOW LINE	
TRAFFIC SIGNAL DATA	TRAFFIC SIGNALS AT EUREKA ST, ORANGE ST AND REDLANDS BLVD		
AVERAGE DAILY TRAFFIC	4,163 → 81 ← 4,253	3,961 → 81 ← 4,186	44,336 → 9,264 →
OBSERVED SPEED - CRITICAL		28 MPH	
OBSERVED SPEED - PACE		20 TO 30 MPH	
EXISTING SIGNED ZONE		25 MPH	
PROPOSED SPEED LIMIT		25 MPH	

ACCIDENT
LEGEND

PROP. DAM. ONLY ☒

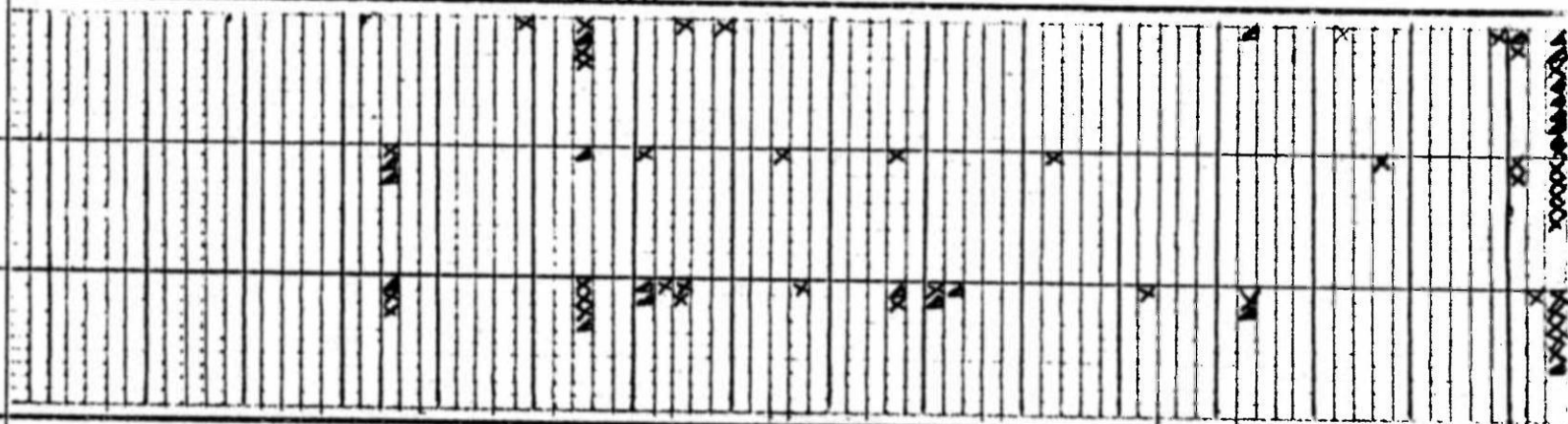
NON-FATAL ☒

FATAL ☒

1981

1982

1983

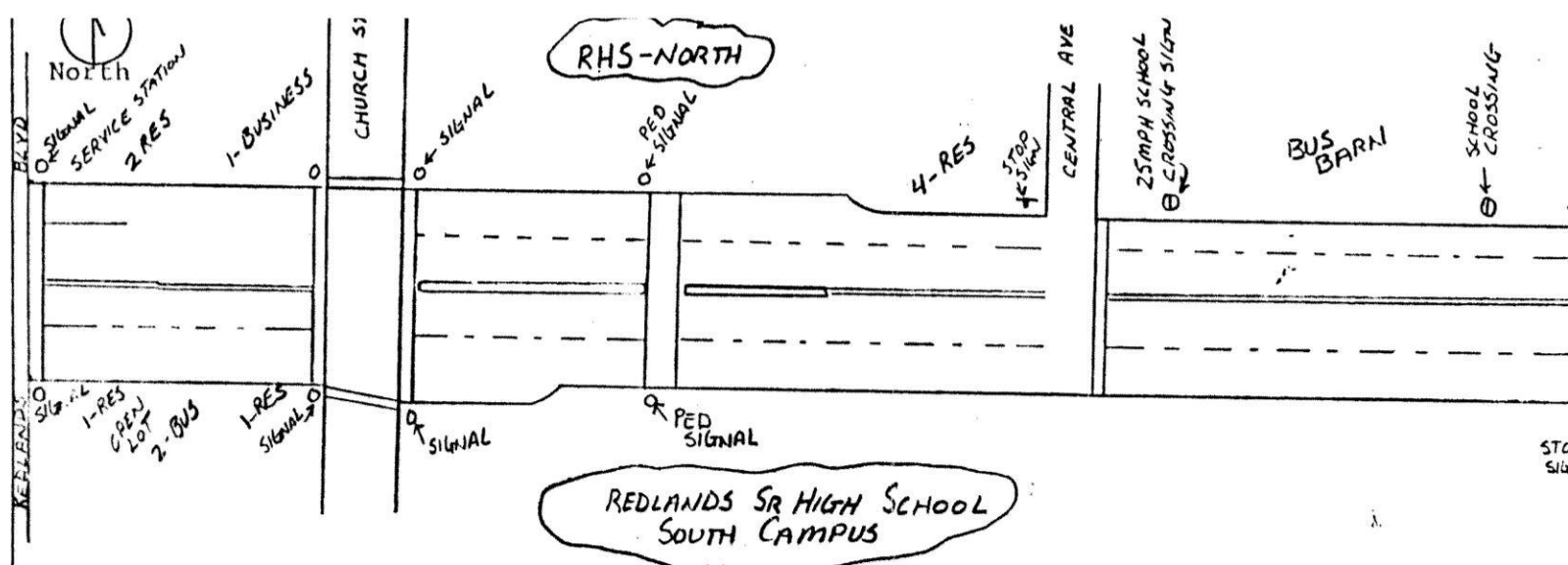


CINARUS AVE
HIGHWAY NAME

BETWEEN REDLANDS BLVD
AND UNIVERSITY ST

DATE OF SURVEY _____

FILE NUMBER _____



DEVELOPMENT	SCHOOL, BUSINESS, RESIDENCE	
ROADWAY WIDTH	64'	
NO. OF STRIPED LANES	49'	
TYPE OF DIVISION STRIP	FOUR LANES	FOUR LANES
TRAFFIC SIGNAL DATA	ISLAND WITH FENCE	DOUBLE YELLOW LINES
AVERAGE DAILY TRAFFIC	SIGNALS AT REDLANDS BLVD, CHURCH ST + PED SIGNALS B/T CHURCH ST AND CENTRAL AVE	
OBSERVED SPEED - CRITICAL	28 MPH	
OBSERVED SPEED - PACE	20 TO 30	
EXISTING SIGNED ZONE	25	
PROPOSED SPEED LIMIT	25	

ACCIDENT
LEGEND

1981

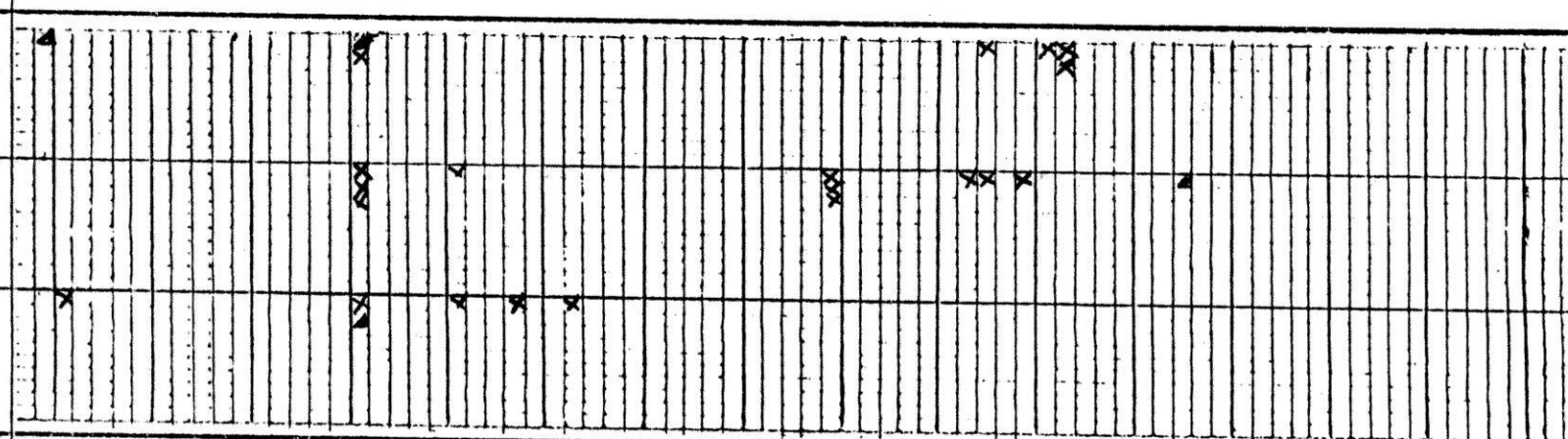
PROP. DAM. ONLY ☒

1982

NON-FATAL ☒

1983

FATAL ☐



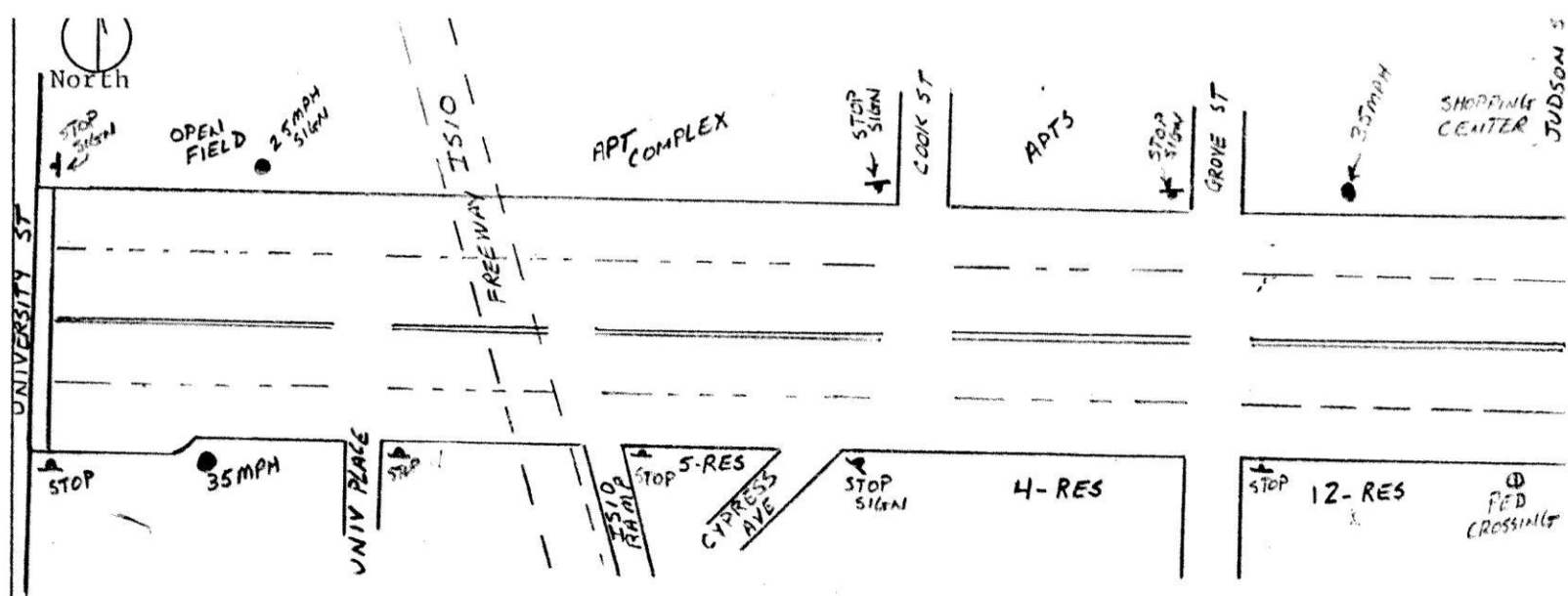
SPEED SURVEY
WORKSHEET # 3

CITRUS AVE
HIGHWAY NAME

BETWEEN UNIVERSITY ST
AND JUDSON ST

DATE OF SURVEY

FILE NUMBER



DEVELOPMENT

ROADWAY WIDTH

NO. OF STRIPED LANES

TYPE OF DIVISION STRIP

TRAFFIC SIGNAL DATA

AVERAGE DAILY TRAFFIC

OBSERVED SPEED - CRITICAL

OBSERVED SPEED - PACE

EXISTING SIGNED ZONE

PROPOSED SPEED LIMIT

APTS, RESIDENCE, SHOPPING CENTER

64.

4 LANES

DOUBLE YELLOW LINES

TRAFFIC SIGNAL AT JUDSON

$\Rightarrow 4142 \quad 2579 \leftarrow$

38 мрн

30 to 40 MPH

35 тРН

25 MPH

ACCIDENT LEGEND

1981

PROP. DAM. ONLY ☒

1982

NON-FATAL

19 83

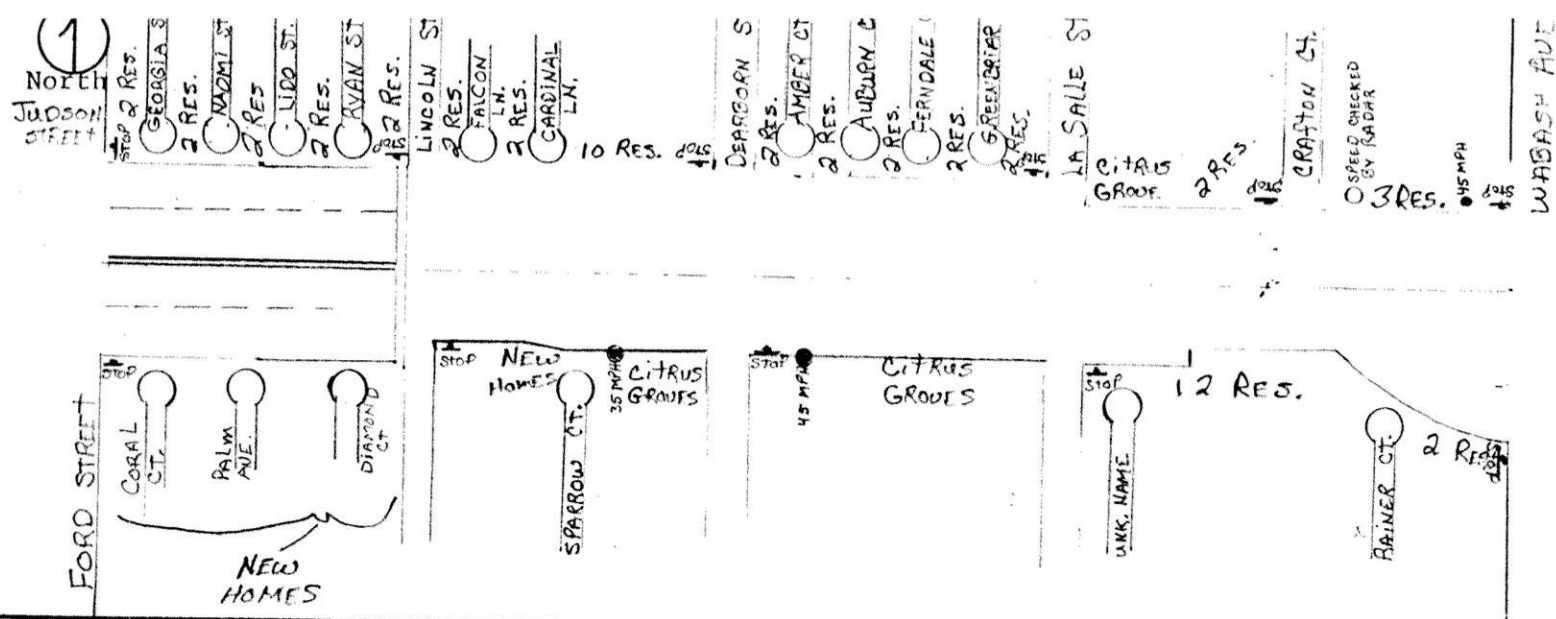
FATAL

CITRUS AVENUE
HIGHWAY NAME

BETWEEN JUDSON STREET
AND WABASH AVENUE

DATE OF SURVEY _____

FILE NUMBER _____



DEVELOPMENT	RESIDENTIAL - CITRUS FARMING	
ROADWAY WIDTH	63	53
NO. OF STRIPED LANES	FOUR	TWO
TYPE OF DIVISION STRIP	DOUBLE YELLOW STRIPE	YELLOW BOLDEN LINE
TRAFFIC SIGNAL DATA	TRAFFIC LIGHT	STOP SIGNS ON ALL INTERSECTING ROADWAYS
AVERAGE DAILY TRAFFIC	2392	81
OBSERVED SPEED - CRITICAL	38 MPH	42 MPH
OBSERVED SPEED - PACE	32 TO 42 MPH	34 TO 44 MPH
EXISTING SIGNED ZONE	35	40
PROPOSED SPEED LIMIT	35	40

ACCIDENT LEGEND		
PROP. DAM. ONLY		19 <u>81</u>
NON-FATAL		19 <u>82</u>
FATAL		19 <u>83</u>

RADAR SPEED SURVEY

STREET: CITRUS AVE.
 DIRECTION OF TRAVEL: E/W
 DATE: 10/29/84
 WEATHER: CLEAR

LOCATION: FERNDAL CT.
 EXISTING SPEED LIMIT: 40
 TIME START: 1325
 ROAD CONDITION: DRY
 TIME END: 1350
 OBSERVER: CULLEN

MPH	NUMBER OF VEHICLES	# OF VEHS	% OF TOTAL	% CUM
28	XX	2	1.5	1.5
30	XXXXX	5	3.8	5.4
32	XXXXXXX	7	5.4	10.8
34	XXXXXXXXXXXXXXXXXXXX	16	12.3	23.1
36	XXXXXXXXXXXXXXXXXXXX	19	14.6	37.7
38	XXXXXXXXXXXXXXXXXXXX	22	16.9	54.6
40	XXXXXXXXXXXXXXXXXXXX	29	22.3	76.9
42	XXXXXXXXXXXXXXXXXXXX	16	12.3	89.2
44	XXXXXXX	7	5.4	94.6
46	XXX	3	2.3	96.9
48	XX	2	1.5	98.5
50	XX	2	1.5	100.0

TOTAL NUMBER OF VEHS: 130
 CRITICAL SPEED (85%): 42 MPH
 PACE SPEED: 34 TO 44 MPH
 AVERAGE SPEED: 38 MPH
 MEDIAN SPEED: 39 MPH

CERTIFICATION:

LT. C. HYMAN Chitra J. Hyman DATE 11-10-84

RADAR SPEED SURVEY

STREET: CITRUS AVE.
DIRECTION OF TRAVEL: E/W
DATE: 10/31/84
WEATHER: CLEAR

LOCATION: W/OF CENTRAL AVE.
EXISTING SPEED LIMIT: 25
TIME START: 1020
ROAD CONDITION: DRY
TIME END: 1045
OBSERVER: CULLEN

MPH	NUMBER OF VEHICLES	# OF VEHS	% OF TOTAL	% CUM
14	X	1	0.6	0.6
16	XX	2	1.2	1.8
18	XXX	3	1.8	3.5
20	XXXX	4	2.4	5.9
22	XXXXXXXXXXXXXXXXXXXX	17	10.0	15.9
24	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	39	22.9	38.8
26	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	49	28.8	67.6
28	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	31	18.2	85.9
30	XXXXXXXXXXXX	12	7.1	92.9
32	XXXXX	5	2.9	95.9
34	XXXX	4	2.4	98.2
36	X	1	0.6	98.8
38	XX	2	1.2	100.0

TOTAL NUMBER OF VEHS: 170
CRITICAL SPEED (85%): 28 MPH
PACE SPEED: 22 TO 32 MPH
AVERAGE SPEED: 25 MPH
MEDIAN SPEED: 26 MPH

CERTIFICATION:

LT. C. HYMAN Chitua F. Hyman DATE 11-10-84

RADAR SPEED SURVEY

STREET: CITRUS AVE.
 DIRECTION OF TRAVEL: E/W
 DATE: 10/31/84
 WEATHER: CLEAR

LOCATION: W/OF CHURCH ST.
 EXISTING SPEED LIMIT: 25
 TIME START: 1050
 ROAD CONDITION: DRY
 TIME END: 1130
 OBSERVER: CULLEN

MPH	NUMBER OF VEHICLES	# OF VEHS	% OF TOTAL	% CUM
14	X	1	0.5	0.5
16	XX	2	0.9	1.4
18	XXXXXXXXXXXXXXXXXXXX	16	7.5	8.9
20	XXXXXXXXXXXXXXXXXXXX	23	10.7	19.6
22	XXXXXXXXXXXXXXXXXXXX	40	18.7	38.3
24	XXXXXXXXXXXXXXXXXXXX	42	19.6	57.9
26	XXXXXXXXXXXXXXXXXXXX	47	22.0	79.9
28	XXXXXXXXXXXXXXXXXXXX	20	9.3	89.3
30	XXXXXXXXXXXX	12	5.6	94.9
32	XXXXXXX	7	3.3	98.1
34	XXX	3	1.4	99.5
36	X	1	0.5	100.0

TOTAL NUMBER OF VEHS: 214
 CRITICAL SPEED (85%): 28 MPH
 PACE SPEED: 20 TO 30 MPH
 AVERAGE SPEED: 24 MPH
 MEDIAN SPEED: 25 MPH

CERTIFICATION:

LT. C. HYMAN Robert F. Hyman DATE 11-10-84

RADAR SPEED SURVEY

STREET: CITRUS AVE.
DIRECTION OF TRAVEL: E/W
DATE: 10/31/84
WEATHER: CLEAR

LOCATION: W/OF EIGHTH ST.
EXISTING SPEED LIMIT: 25
TIME START: 1130
ROAD CONDITION: DRY
TIME END: 1155
OBSERVER: CULLEN

MPH	NUMBER OF VEHICLES	# OF VEHS	% OF TOTAL	% CUM
14	X	1	0.6	0.6
16	XXXXXXX	7	4.1	4.7
18	XXXXXXXXXXXXXX	13	7.6	12.4
20	XXXXXXXXXXXXXXX	15	8.8	21.2
22	XXXXXXXXXXXXXXXXXXXXXXX	23	13.5	34.7
24	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	37	21.8	56.5
26	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	38	22.4	78.8
28	XXXXXXXXXXXXXXXXXXXXXXX	22	12.9	91.8
30	XXXXXXXXXX	9	5.3	97.1
32	XXX	3	1.8	98.8
34	X	1	0.6	99.4
36	X	1	0.6	100.0

TOTAL NUMBER OF VEHS: 170
CRITICAL SPEED (85%): 28 MPH
PACE SPEED: 20 TO 30 MPH
AVERAGE SPEED: 24 MPH
MEDIAN SPEED: 25 MPH

CERTIFICATION:

LT. C. HYMAN Chitum Ft Hyman DATE 11-12-84

RADAR SPEED SURVEY

STREET: CITRUS AVE. LOCATION: CARDINAL LN.
 DIRECTION OF TRAVEL: E/W EXISTING SPEED LIMIT: 35
 DATE: 10/29/84 TIME START: 1245 TIME END: 1315
 WEATHER: CLEAR ROAD CONDITION: DRY OBSERVER: CULLEN

MPH	NUMBER OF VEHICLES	# OF VEHS	% OF TOTAL	% CUM
28	XXX	3	2.5	2.5
30	XXXXXXX	7	5.9	8.4
32	XXXXXXXXXXXXXXXXXXXXX	19	16.0	24.4
34	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX	29	24.4	48.7
36	XXXXXXXXXXXXXXXXXXXXXXXXXXXXX	27	22.7	71.4
38	XXXXXXXXXXXXXXXXXXXXX	18	15.1	86.6
40	XXXXXXXXXX	9	7.6	94.1
42	XXX	3	2.5	96.6
44	X	1	0.8	97.5
46	XX	2	1.7	99.2
48	X	1	0.8	100.0

TOTAL NUMBER OF VEHS: 119
 CRITICAL SPEED (85%): 38 MPH
 PACE SPEED: 32 TO 42 MPH
 AVERAGE SPEED: 35 MPH
 MEDIAN SPEED: 38 MPH

CERTIFICATION:

LT. C. HYMAN Chitua J. Hyman DATE 11-10-84

RADAR SPEED SURVEY

STREET: CITRUS AVE.
 DIRECTION OF TRAVEL: E/W
 DATE: 10/29/84
 WEATHER: CLEAR

LOCATION: GROVE ST.
 EXISTING SPEED LIMIT: 35
 TIME START: 1350
 ROAD CONDITION: DRY
 TIME END: 1420
 OBSERVER: CULLEN

MPH NUMBER OF VEHICLES

		# OF VEHS	% OF TOTAL	% CUM
18	X			
20		1	0.4	0.4
22	XXX	0	0.0	0.4
24	XXXXXX	3	1.3	1.7
26	XXXXXXX	6	2.6	4.3
28	XXXXXXXXXXXXXXXXXX	7	3.0	7.3
30	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	15	6.4	13.7
32	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	36	15.4	29.1
34	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	39	16.7	45.7
36	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	49	20.9	66.7
38	XXXXXXXXXXXXXXXXXXXX	35	15.0	81.6
40	XXXXXXXXXXXX	21	9.0	90.6
42	XXXXXXX	12	5.1	95.7
44	XX	7	3.0	98.7
46	X	2	0.9	99.6
		1	0.4	100.0

TOTAL NUMBER OF VEHS: 234
 CRITICAL SPEED (85%): 38 MPH
 PACE SPEED: 30 TO 40 MPH
 AVERAGE SPEED: 33 MPH
 MEDIAN SPEED: 32 MPH

CERTIFICATION:

LT. C. HYMAN Chas J Hyman DATE 10-11-84