

RESOLUTION NO. 5196

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF REDLANDS
ESTABLISHING TRAFFIC REGULATIONS PURSUANT TO TITLE 10 OF THE
REDLANDS MUNICIPAL CODE.

Pursuant to studies made under authority of Title 10 of the Redlands Municipal Code, and the presentation of information gained in such studies, the City Council hereby finds and determines that certain regulations are necessary and shall be established pursuant to Title 10 of the Redlands Municipal Code, and the Traffic Engineer of the City of Redlands is hereby directed to perform such acts as are necessary to accomplish the following:

SECTION ONE: Pursuant to Section 10.24.010 of the Redlands Municipal Code, a traffic engineering investigation has been conducted for the following highway and the following speed limit is hereby found most appropriate to facilitate the orderly movement of traffic and is reasonable and safe:

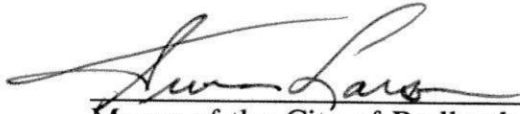
Highway: CITRUS AVENUE

Date of Study: MAY 9, 1995

Speed Limits as follows:

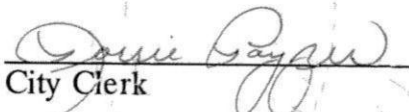
25 mph between Eureka Street and University Street
35 mph between University Street and Dearborn Street
40 mph between Dearborn Street and Wabash Avenue

ADOPTED, SIGNED AND APPROVED THIS 20TH DAY OF JUNE, 1995



Mayor of the City of Redlands

ATTEST:



City Clerk

ENGINEERING, TRAFFIC AND SPEED SURVEY

HIGHWAY UNDER SURVEY: CITRUS AVENUE

AREA OF: BETWEEN EUREKA STREET AND
WABASH AVENUE

DATE OF SURVEY: MAY 9, 1995

RECOMMENDATIONS:

Based on the facts of this survey, it is recommended that Citrus Avenue between Eureka Street and University Street be posted for 25 miles per hour. The area is currently posted 25 mph.

The area between Eureka Street and Orange Street is bounded on the north by the Redlands Mall and on the south by a public parking lot and the GTE building. The intersections at Eureka and Orange are signalized. There is also an intersection at 4th Street, which is controlled by stop signs on 4th Street and at the Redlands Mall driveway. A median island divides the directions of traffic. There are two lanes of traffic in each direction.

The critical speed westbound was 32 mph and eastbound it was 30 mph. Average speed in both cases was 26 mph. Based on the critical speed alone, a speed limit of 30 mph would be indicated. However, the maintenance of the current 25 mph limit is justified because of the heavy pedestrian traffic in the area and because of the proximity of this segment to the central business district.

The area between Orange Street and Church Street is in the central business district and is dense commercial. There is one lane of traffic in each direction between Orange Street and Redlands Boulevard and two in each direction east of Redlands Boulevard. There are seven intersections within this length with two all-way stops, four with intersecting streets controlled by stop signs and one signalized intersection at Redlands Boulevard. The critical speed in both directions was 28 mph. The critical speed and the densely commercial nature of the area support the maintenance of the current 25 mph speed limit.

The area between Church Street and University Street is bounded on both sides by Redlands High School property. There is one intersecting street, Central Avenue, which is controlled by a stop sign. In addition there are several driveways, a school bus turnout and a signalized pedestrian crosswalk. There are two lanes of traffic in each direction. The area experiences heavy pedestrian traffic. This occurs not only during daytime school hours, but also in the evenings when events are taking place at the school.

ENGINEERING, TRAFFIC AND SPEED SURVEY
CITRUS AVENUE
PAGE 2

Citrus Avenue bisects the campus with classrooms on both sides of the street causing a great deal of pedestrian traffic crossing Citrus Avenue. There is also significant congestion caused by vehicles pulling to the curb to drop off or pick up students.

The critical speed eastbound was 34 mph and westbound it was 36 mph. Based on critical speed alone a speed limit of 30 mph would be indicated. However, due to the heavy pedestrian traffic in the area, the congestion and the use of the area into the evening hours, the maintenance of the existing 25 mph speed limit is justified.

It is recommended that the area between University Street and Dearborn Street be posted for 35 mph. The current speed limit is 35 mph.

The area between University Street and Judson Street is bounded on both sides by single and multiple family residential. There are five intersections in the length, cross streets being controlled by stop signs and Citrus Avenue being uncontrolled except for one recently installed four-way stop. There are two lanes of traffic in each direction.

The critical speeds westbound are 36 and 38 mph and eastbound they are 38 and 40 mph. The critical speed support the maintenance of the existing 35 mph speed zone.

The area between Judson Street and Dearborn Street is bounded by single family residential. There is one additional intersection in the area, at Lincoln Street, which is controlled by a four-way stop. There are two lanes of traffic in each direction. Critical speeds were measured westbound at two locations and were both 38 mph. Eastbound the critical speeds were 38 and 40 mph. Based upon the critical speeds, the maintenance of the existing 35 mph speed limit is justified.

It is recommended that a 40 mph speed limit be established between Dearborn Street and Wabash Avenue. The existing speed limit is 40 mph.

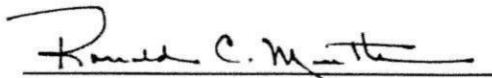
The area between Dearborn Street and Wabash Avenue is largely residential, with a shopping center on the southside east of Dearborn Street, and with a citrus grove on the northside west of Crafton Street. The street width varies in this area, with generally one lane of traffic in each direction.

The critical speed westbound was 44 mph and eastbound it was 42 mph. Based upon these critical speeds, the maintenance of the existing 40 mph speed limit is justified.

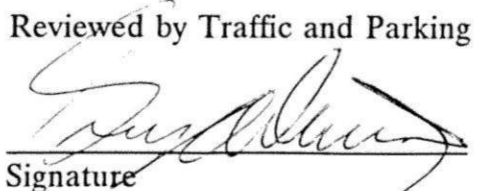
ENGINEERING, TRAFFIC AND SPEED SURVEY
CITRUS AVENUE
PAGE 3

It is recommended that the roadway 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 Boulevard
2. 25 MPH signs for westbound traffic
 - a) Just west of University Street
 - b) Just west of Church Street
 - c) Just west of Redlands Boulevard
 - 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 Street
6. 40 MPH sign for westbound traffic
 - a) Just west of Wabash Avenue


RONALD C. MUTTER
Public Works Director

Reviewed by Traffic and Parking Commission


Signature

5/25/95
Date

RADAR SPEED SURVEY

STREET: CITRUS AVE. LOCATION: @ 4TH ST.
 DIRECTION OF TRAVEL: W. BOUND EXISTING SPEED LIMIT: 25
 DATE: 04/12/95 TIME START: 1526 TIME END: 1542
 WEATHER: CLEAR ROAD CONDITION: DRY/GOOD OBSERVER: AJM

MPH	NUMBER OF VEHICLES	# OF VEHS	% OF TOTAL	% CUM
16	XX	2	1.8	1.8
18	XXXX	4	3.6	5.5
20	XXXXXX	6	5.5	10.9
22	XXXXXXX	7	6.4	17.3
24	XXXXXXXXXXXXXXXXXXXX	16	14.5	31.8
26	XXXXXXXXXXXXXXXXXXXX	20	18.2	50.0
28	XXXXXXXXXXXXXXXXXXXX	28	25.5	75.5
30	XXXXXXXXXX	10	9.1	84.5
32	XXXXXXX	7	6.4	90.9
34	XXXXX	5	4.5	95.5
36	XXXX	4	3.6	99.1
38	X	1	0.9	100.0

TOTAL NUMBER OF VEHS: 110
 CRITICAL SPEED (85%): 32 MPH
 PACE SPEED: 22 TO 32 MPH
 AVERAGE SPEED: 26 MPH
 MEDIAN SPEED: 27 MPH

CERTIFICATION:
Ronald C. Mutter
 for RONALD C. MUTTER DATE 5/18/95

RADAR SPEED SURVEY

STREET: CITRUS AVE. LOCATION: @ 4TH ST.
 DIRECTION OF TRAVEL: E. BOUND EXISTING SPEED LIMIT: 25
 DATE: 04/12/95 TIME START: 1544 TIME END: 1556
 WEATHER: CLEAR ROAD CONDITION: DRY/GOOD OBSERVER: AJM

MPH	NUMBER OF VEHICLES	# OF VEHS	% OF TOTAL	% CUM
18	X	1	0.8	0.8
20	XXXXX	5	4.1	5.0
22	XXXXXXXXXXXXXXXXXX	15	12.4	17.4
24	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	34	28.1	45.5
26	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	22	18.2	63.6
28	XXXXXXXXXXXXXXXXXXXX	17	14.0	77.7
30	XXXXXXXXXXXXXXXXXXXX	19	15.7	93.4
32	XXXXX	5	4.1	97.5
34	XX	2	1.7	99.2
36	X	1	0.8	100.0

TOTAL NUMBER OF VEHS: 121
 CRITICAL SPEED (85%): 30 MPH
 PACE SPEED: 20 TO 30 MPH
 AVERAGE SPEED: 26 MPH
 MEDIAN SPEED: 27 MPH

CERTIFICATION:
for *Ronald C. Mutter* 5/18/95
 RONALD C. MUTTER DATE

RADAR SPEED SURVEY

STREET: CITRUS AVE. LOCATION: @ 8TH ST.
 DIRECTION OF TRAVEL: W. BOUND EXISTING SPEED LIMIT: 25
 DATE: 04/12/95 TIME START: 1442 TIME END: 1502
 WEATHER: CLEAR ROAD CONDITION: DRY/GOOD OBSERVER: AJM

MPH	NUMBER OF VEHICLES	# OF VEHS	% OF TOTAL	% CUM
14	X	1	0.9	0.9
16	XX	2	1.9	2.8
18	XXXXXXX	7	6.5	9.3
20	XXXXXXX	8	7.4	16.7
22	XXXXXXXXXXXXXXXXXXXXX	19	17.6	34.3
24	XXXXXXXXXXXXXXXXXXXXX	22	20.4	54.6
26	XXXXXXXXXXXXXXXXXXXXX	19	17.6	72.2
28	XXXXXXXXXXXXXXXXXXXXX	17	15.7	88.0
30	XXXXXXX	7	6.5	94.4
32	XXX	3	2.8	97.2
34	XX	2	1.9	99.1
36	X	1	0.9	100.0

TOTAL NUMBER OF VEHS: 108
 CRITICAL SPEED (85%): 28 MPH
 PACE SPEED: 18 TO 28 MPH
 AVERAGE SPEED: 24 MPH
 MEDIAN SPEED: 25 MPH

CERTIFICATION:
Ronald C. Mutter
 RONALD C. MUTTER
 5/18/95
 DATE

RADAR SPEED SURVEY

STREET: CITRUS AVE. LOCATION: @ 8TH ST.
 DIRECTION OF TRAVEL: E. BOUND EXISTING SPEED LIMIT: 25
 DATE: 04/12/95 TIME START: 1505 TIME END: 1523
 WEATHER: CLEAR ROAD CONDITION: DRY/GOOD OBSERVER: AJM

MPH	NUMBER OF VEHICLES	# OF VEHS	% OF TOTAL	% CUM
14	X	1	1.0	1.0
16	XX	2	2.0	2.9
18	XXXXXXX	7	6.9	9.8
20	XXXXXXX	7	6.9	16.7
22	XXXXXXXXXXXXXXXXXXXXX	18	17.6	34.3
24	XXXXXXXXXXXXXXXXXXXXX	22	21.6	55.9
26	XXXXXXXXXXXXXXXXXXXXX	19	18.6	74.5
28	XXXXXXXXXXXXX	14	13.7	88.2
30	XXXXXXX	7	6.9	95.1
32	XXXXX	5	4.9	100.0

TOTAL NUMBER OF VEHS: 102
 CRITICAL SPEED (85%): 28 MPH
 PACE SPEED: 18 TO 28 MPH
 AVERAGE SPEED: 24 MPH
 MEDIAN SPEED: 23 MPH

CERTIFICATION:

Ronald C. Mutter
 RONALD C. MUTTER

5/18/95
 DATE

RADAR SPEED SURVEY

STREET: CITRUS AVE. LOCATION: @ RHS
 DIRECTION OF TRAVEL: W. BOUND EXISTING SPEED LIMIT: 25
 DATE: 04/11/95 TIME START: 1559 TIME END: 1615
 WEATHER: CLEAR ROAD CONDITION: DRY/GOOD OBSERVER: AJM

MPH	NUMBER OF VEHICLES	# OF VEHS	% OF TOTAL	% CUM
22	XX	2	1.9	1.9
24	XXXXXXXXXX	9	8.3	10.2
26	XXXXXXXXXXXXXXXXXXXX	17	15.7	25.9
28	XXXXXXXXXXXXXXXXXXXX	18	16.7	42.6
30	XXXXXXXXXXXXXXXXXXXX	16	14.8	57.4
32	XXXXXXXXXXXXXXXXXXXX	16	14.8	72.2
34	XXXXXXXXXXXXXX	12	11.1	83.3
36	XXXXXXXXXXXXXX	11	10.2	93.5
38	XXXX	4	3.7	97.2
40	XX	2	1.9	99.1
42	X	1	0.9	100.0

TOTAL NUMBER OF VEHS: 108
 CRITICAL SPEED (85%): 36 MPH
 RANGE SPEED: 26 TO 36 MPH
 AVERAGE SPEED: 30 MPH
 MEDIAN SPEED: 32 MPH

CERTIFICATION:

Ronald C. Mutter
 RONALD C. MUTTER

5/18/95
 DATE

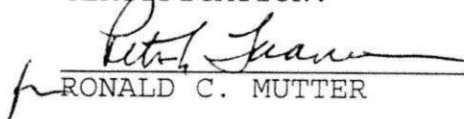
RADAR SPEED SURVEY

STREET: CITRUS AVE. LOCATION: @ RHS
DIRECTION OF TRAVEL: E. BOUND EXISTING SPEED LIMIT: 25
DATE: 04/11/95 TIME START: 1616 TIME END: 1626
WEATHER: CLEAR ROAD CONDITION: DRY/GOOD OBSERVER: AJM

MPH	NUMBER OF VEHICLES	# OF VEHS	% OF TOTAL	% CUM
24	XXXXXX	6	5.9	5.9
26	XXXXXXXXXXXXXXXXXX	14	13.7	19.6
28	XXXXXXXXXXXXXXXXXXXXXXXXXX	22	21.6	41.2
30	XXXXXXXXXXXXXXXXXXXXXXXXXX	20	19.6	60.8
32	XXXXXXXXXXXXXXXXXXXX	17	16.7	77.5
34	XXXXXXXXXX	10	9.8	87.3
36	XXXXXXX	8	7.8	95.1
38	X	1	1.0	96.1
40	X	1	1.0	97.1
42	X	1	1.0	98.0
44	XX	2	2.0	100.0

TOTAL NUMBER OF VEHS: 102
CRITICAL SPEED (85%): 34 MPH
PACE SPEED: 26 TO 36 MPH
AVERAGE SPEED: 30 MPH
MEDIAN SPEED: 34 MPH

CERTIFICATION:


RONALD C. MUTTER

5/18/95
DATE

RADAR SPEED SURVEY

STREET: CITRUS AVE. LOCATION: 1500' W. JUDSON ST.
 DIRECTION OF TRAVEL: W. BOUND EXISTING SPEED LIMIT: 35
 DATE: 05/09/95 TIME START: 0950 TIME END: 1009
 WEATHER: CLEAR ROAD CONDITION: DRY/GOOD OBSERVER: AJM

MPH	NUMBER OF VEHICLES	# OF VEHS	% OF TOTAL	% CUM
24	X	1	1.0	1.0
26	XXXX	4	3.8	4.8
28	XXXXXXXXXXXXXXXXXX	14	13.3	18.1
30	XXXXXXXXXXXXXXXXXXXXXX	20	19.0	37.1
32	XXXXXXXXXXXXXXXXXXXXXX	17	16.2	53.3
34	XXXXXXXXXXXXXXXXXXXXXX	17	16.2	69.5
36	XXXXXXXXXXXXXXXXXXXXXX	14	13.3	82.9
38	XXXXXXXXXX	9	8.6	91.4
40	XXXXXXXXXX	8	7.6	99.0
42	X	1	1.0	100.0

TOTAL NUMBER OF VEHS: 105
 CRITICAL SPEED (85%): 38 MPH
 PACE SPEED: 28 TO 38 MPH
 AVERAGE SPEED: 32 MPH
 MEDIAN SPEED: 33 MPH

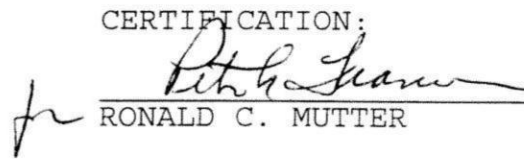
CERTIFICATION:
Ronald C. Mutter
 for RONALD C. MUTTER DATE 5/18/95

RADAR SPEED SURVEY

STREET: CITRUS AVE. LOCATION: 1500' W. JUDSON ST.
 DIRECTION OF TRAVEL: E. BOUND EXISTING SPEED LIMIT: 35
 DATE: 05/09/95 TIME START: 0933 TIME END: 0954
 WEATHER: CLEAR ROAD CONDITION: DRY/GOOD OBSERVER: AJM

MPH	NUMBER OF VEHICLES	# OF VEHS	% OF TOTAL	% CUM
22	XXXX	4	4.0	4.0
24	XXXX	4	4.0	8.0
26	XXXX	4	4.0	12.0
28	XXXXXXXX	8	8.0	20.0
30	XXXXXXXXXXXX	11	11.0	31.0
32	XXXXXXXXXXXXXXXXXXXX	19	19.0	50.0
34	XXXXXXXXXXXXXXXXXXXX	17	17.0	67.0
36	XXXXXXXXXXXXXXXXXXXX	17	17.0	84.0
38	XXXXXXXXXXXX	11	11.0	95.0
40	XXX	3	3.0	98.0
42	XX	2	2.0	100.0

TOTAL NUMBER OF VEHS: 100
 CRITICAL SPEED (85%): 38 MPH
 PACE SPEED: 28 TO 38 MPH
 AVERAGE SPEED: 32 MPH
 MEDIAN SPEED: 32 MPH

CERTIFICATION:

 RONALD C. MUTTER
 DATE 5/18/95

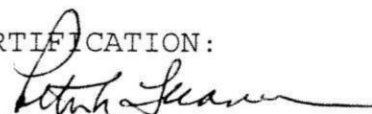
RADAR SPEED SURVEY

STREET: CITRUS AVE. LOCATION: 500' W. COOK ST.
 DIRECTION OF TRAVEL: E. BOUND EXISTING SPEED LIMIT: 35
 DATE: 05/09/95 TIME START: 0905 TIME END: 0931
 WEATHER: CLEAR ROAD CONDITION: DRY/GOOD OBSERVER: AJM

MPH	NUMBER OF VEHICLES	# OF VEHS	% OF TOTAL	% CUM
24	X	1	0.9	0.9
26	X	1	0.9	1.9
28	XXXX	4	3.7	5.6
30	XXXXXX	6	5.6	11.2
32	XXXXXXX	7	6.5	17.8
34	XXXXXXXXXXXX	12	11.2	29.0
36	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	26	24.3	53.3
38	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	23	21.5	74.8
40	XXXXXXXXXXXXXXXXXXXX	15	14.0	88.8
42	XXXXXXX	7	6.5	95.3
44	XXX	3	2.8	98.1
46	XX	2	1.9	100.0

TOTAL NUMBER OF VEHS: 107
 CRITICAL SPEED (85%): 40 MPH
 PACE SPEED: 30 TO 40 MPH
 AVERAGE SPEED: 36 MPH
 MEDIAN SPEED: 35 MPH

CERTIFICATION:


 RONALD C. MUTTER

5/18/95
 DATE

RADAR SPEED SURVEY

STREET: CITRUS AVE. LOCATION: @ CYPRESS AVE.
 DIRECTION OF TRAVEL: W. BOUND EXISTING SPEED LIMIT: 35
 DATE: 05/09/95 TIME START: 1011 TIME END: 1026
 WEATHER: CLEAR ROAD CONDITION: DRY/GOOD OBSERVER: AJM

MPH	NUMBER OF VEHICLES	# OF VEHS	% OF TOTAL	% CUM
22	X	1	0.9	0.9
24	XXXXXXXX	8	7.0	7.8
26	XXXXXXXXXXXXXX	12	10.4	18.3
28	XXXXXXXXXXXXXXXXXXXXXX	21	18.3	36.5
30	XXXXXXXXXXXXXXXXXXXXXX	21	18.3	54.8
32	XXXXXXXXXXXXXXXXXXXXXX	18	15.7	70.4
34	XXXXXXXXXXXXXXXXXXXXXX	16	13.9	84.3
36	XXXXXXXXXXXXXX	13	11.3	95.7
38	XXX	3	2.6	98.3
40	XX	2	1.7	100.0

TOTAL NUMBER OF VEHS: 115
 CRITICAL SPEED (85%): 36 MPH
 PACE SPEED: 26 TO 36 MPH
 AVERAGE SPEED: 30 MPH
 MEDIAN SPEED: 31 MPH

CERTIFICATION:
Ronald C. Mutter
 for RONALD C. MUTTER DATE 5/18/95

RADAR SPEED SURVEY

STREET: CITRUS AVE. LOCATION: @ LIDO ST.
 DIRECTION OF TRAVEL: W. BOUND EXISTING SPEED LIMIT: 35
 DATE: 04/05/95 TIME START: 1517 TIME END: 1528
 WEATHER: CLEAR ROAD CONDITION: DRY/GOOD OBSERVER: AJM

MPH	NUMBER OF VEHICLES	# OF VEHS	% OF TOTAL	% CUM
24	X	1	0.9	0.9
26	X	1	0.9	1.7
28	XX	2	1.7	3.4
30	XXXXXXX	7	6.0	9.4
32	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	25	21.4	30.8
34	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	32	27.4	58.1
36	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	27	23.1	81.2
38	XXXXXXXXXXX	11	9.4	90.6
40	XXXXXXXXXX	9	7.7	98.3
42		0	0.0	98.3
44	XX	2	1.7	100.0

TOTAL NUMBER OF VEHS: 117
 CRITICAL SPEED (85%): 38 MPH
 PACE SPEED: 30 TO 40 MPH
 AVERAGE SPEED: 34 MPH
 MEDIAN SPEED: 34 MPH

CERTIFICATION:
Ronald C. Mutter
 for RONALD C. MUTTER DATE 5/18/95

RADAR SPEED SURVEY

STREET: CITRUS AVE. LOCATION: @ LIDO ST.
DIRECTION OF TRAVEL: E. BOUND EXISTING SPEED LIMIT: 35
DATE: 04/05/95 TIME START: 1500 TIME END: 1515
WEATHER: CLEAR ROAD CONDITION: DRY/GOOD OBSERVER: AJM

MPH	NUMBER OF VEHICLES	# OF VEHS	% OF TOTAL	% CUM
22	X	1	0.9	0.9
24		0	0.0	0.9
26	X	1	0.9	1.9
28	XXX	3	2.8	4.6
30	XXXXXXXXXX	9	8.3	13.0
32	XXXXXXXXXXXXXXXXXXXX	16	14.8	27.8
34	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	21	19.4	47.2
36	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	18	16.7	63.9
38	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	17	15.7	79.6
40	XXXXXXXXXXXX	11	10.2	89.8
42	XXXXXXXXXX	9	8.3	98.1
44	XX	2	1.9	100.0

TOTAL NUMBER OF VEHS: 108
CRITICAL SPEED (85%): 40 MPH
PACE SPEED: 30 TO 40 MPH
AVERAGE SPEED: 35 MPH
MEDIAN SPEED: 33 MPH

CERTIFICATION:

Ronald C. Mutter
RONALD C. MUTTER

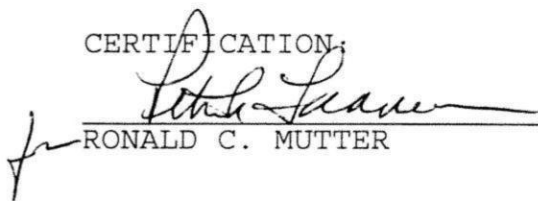
5/18/95
DATE

RADAR SPEED SURVEY

STREET: CITRUS AVE. LOCATION: .25 MI W. DEARBORN ST.
 DIRECTION OF TRAVEL: E. BOUND EXISTING SPEED LIMIT: 35
 DATE: 04/05/95 TIME START: 1450 TIME END: 1500
 WEATHER: CLEAR ROAD CONDITION: DRY/GOOD OBSERVER: AJM

MPH	NUMBER OF VEHICLES	# OF VEHS	% OF TOTAL	% CUM
24	XX	2	1.7	1.7
26	XXX	3	2.5	4.2
28	XXXXXXXXXX	9	7.6	11.9
30	XXXXXXXXXXXXXX	12	10.2	22.0
32	XXXXXXXXXXXXXXXXXXXXXX	18	15.3	37.3
34	XXXXXXXXXXXXXXXXXXXXXXXXXX	22	18.6	55.9
36	XXXXXXXXXXXXXXXXXXXXXXXXXX	23	19.5	75.4
38	XXXXXXXXXXXXXX	13	11.0	86.4
40	XXXXXXXXXXXXXX	10	8.5	94.9
42	XXX	3	2.5	97.5
44	XXX	3	2.5	100.0

TOTAL NUMBER OF VEHS: 118
 CRITICAL SPEED (85%): 38 MPH
 PACE SPEED: 30 TO 40 MPH
 AVERAGE SPEED: 34 MPH
 MEDIAN SPEED: 34 MPH

CERTIFICATION:

 RONALD C. MUTTER
 DATE 5/18/95

RADAR SPEED SURVEY

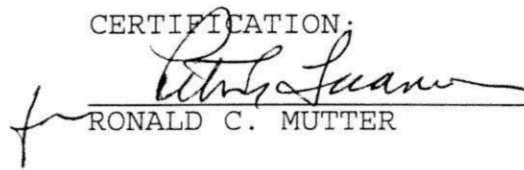
STREET: CITRUS AVE.
DIRECTION OF TRAVEL: W. BOUND
DATE: 04/05/95
WEATHER: CLEAR

LOCATION: .25 MI W. DEARBORN ST.
EXISTING SPEED LIMIT: 35
TIME START: 1430
ROAD CONDITION: DRY/GOOD

TIME END: 1445
OBSERVER: AJM

MPH	NUMBER OF VEHICLES	# OF VEHS	% OF TOTAL	% CUM
24	X	1	0.9	0.9
26	X	1	0.9	1.9
28	XXX	3	2.8	4.7
30	XXXXXXXX	8	7.5	12.3
32	XXXXXXXXXXXXXXXXXXXX	16	15.1	27.4
34	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	23	21.7	49.1
36	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	21	19.8	68.9
38	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	18	17.0	85.8
40	XXXXXXX	8	7.5	93.4
42	XXXX	4	3.8	97.2
44	XXX	3	2.8	100.0

TOTAL NUMBER OF VEHS: 106
CRITICAL SPEED (85%): 38 MPH
PACE SPEED: 30 TO 40 MPH
AVERAGE SPEED: 35 MPH
MEDIAN SPEED: 34 MPH

CERTIFICATION:

RONALD C. MUTTER

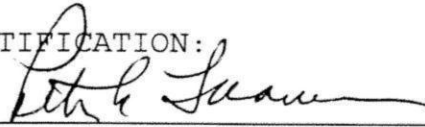
5/18/95
DATE

RADAR SPEED SURVEY

STREET: CITRUS AVE. LOCATION: 50' W. LA SALLE ST.
 DIRECTION OF TRAVEL: E. BOUND EXISTING SPEED LIMIT: 35
 DATE: 04/05/95 TIME START: 1330 TIME END: 1400
 WEATHER: CLEAR ROAD CONDITION: DRY/GOOD OBSERVER: AJM

MPH	NUMBER OF VEHICLES	# OF VEHS	% OF TOTAL	% CUM
24	X	1	0.8	0.8
26	XX	2	1.7	2.5
28	XXX	3	2.5	5.0
30	XXXXXXXX	8	6.6	11.6
32	XXXXXXXXXXXXXXXX	13	10.7	22.3
34	XXXXXXXXXXXXXXXXXXXX	16	13.2	35.5
36	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	27	22.3	57.9
38	XXXXXXXXXXXXXXXXXXXX	16	13.2	71.1
40	XXXXXXXXXXXX	12	9.9	81.0
42	XXXXXXXXXXXX	11	9.1	90.1
44	XXXXX	5	4.1	94.2
46	XXX	3	2.5	96.7
48	X	1	0.8	97.5
50	XX	2	1.7	99.2
52	X	1	0.8	100.0

TOTAL NUMBER OF VEHS: 121
 CRITICAL SPEED (85%): 42 MPH
 PACE SPEED: 32 TO 42 MPH
 AVERAGE SPEED: 36 MPH
 MEDIAN SPEED: 38 MPH

CERTIFICATION:

 for RONALD C. MUTTER DATE 5/18/95

RADAR SPEED SURVEY

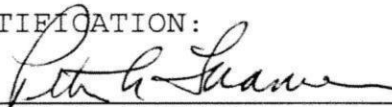
STREET: CITRUS AVE.
DIRECTION OF TRAVEL: W. BOUND
DATE: 04/05/95
WEATHER: CLEAR

LOCATION: 50' W. LA SALLE ST.
EXISTING SPEED LIMIT: 35
TIME START: 1405
ROAD CONDITION: DRY/GOOD

TIME END: 1427
OBSERVER: AJM

MPH	NUMBER OF VEHICLES	# OF VEHS	% OF TOTAL	% CUM
28	XX	2	2.0	2.0
30	XX	2	2.0	4.0
32	XXXXXXX	7	7.0	11.0
34	XXXXXXXXXX	10	10.0	21.0
36	XXXXXXXXXXXXXXXXXXXX	20	20.0	41.0
38	XXXXXXXXXXXXXXXXXXXX	18	18.0	59.0
40	XXXXXXXXXXXX	13	13.0	72.0
42	XXXXXXXXXXXX	11	11.0	83.0
44	XXXXXXX	8	8.0	91.0
46	XXXXXXX	7	7.0	98.0
48	XX	2	2.0	100.0

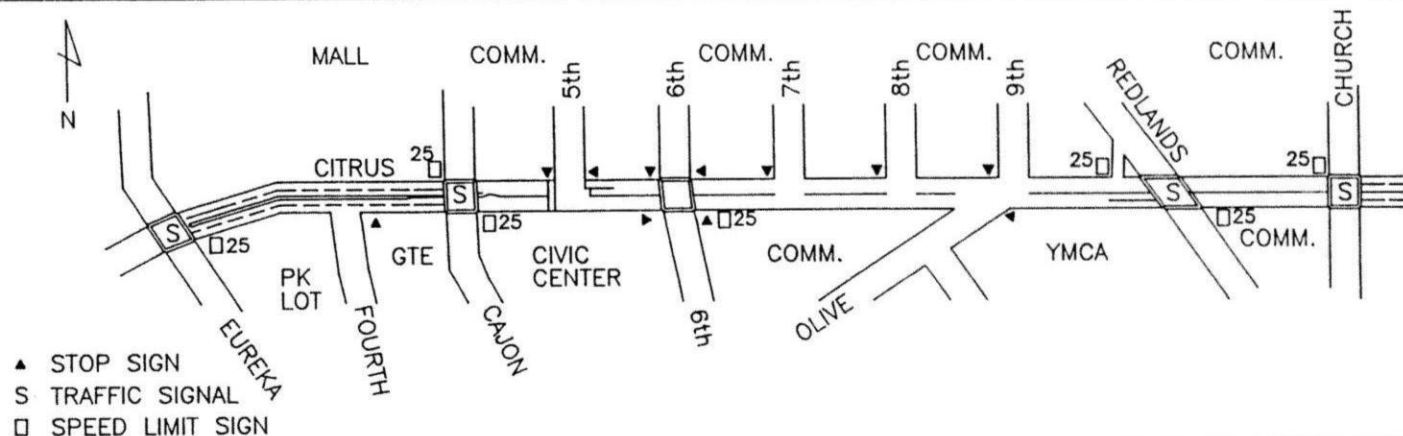
TOTAL NUMBER OF VEHS: 100
CRITICAL SPEED (85%): 44 MPH
PACE SPEED: 34 TO 44 MPH
AVERAGE SPEED: 38 MPH
MEDIAN SPEED: 38 MPH

CERTIFICATION:

for RONALD C. MUTTER

5/18/95
DATE

SPEED SURVEY
WORKSHEET

CITRUS AVE.
BETWEEN EUREKA ST.
AND CHURCH ST.
DATE OF SURVEY 4/12/95
FILE NUMBER

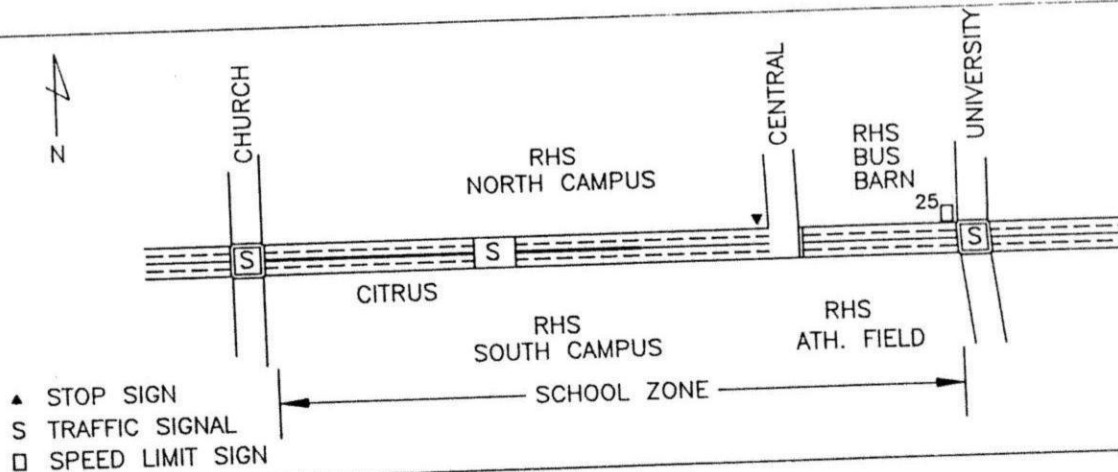


DEVELOPMENT		BUSSINESS	PARKING LOTS	CHURCH	COMMERCIAL
ROADWAY WIDTH		63'		49'	
NO. OF STRIPED LANES		FOUR		TWO	
TYPE OF STRIPING		CEMENT ISLAND - DASHED WHITE LINES		DOUBLE YELLOW - LEFT TURN POCKETS	
TRAFFIC CONTROLS		TRAFFIC SIGNALS @ MAJOR INTERSECTIONS - STOP SIGNS @ CROSS STREETS			
AVERAGE DAILY TRAFFIC		5689	8638	7269	10416
OBSERVED SPEED - CRITICAL		30		28	
OBSERVED SPEED - PACE & AVG.		20 TO 30/ 26		18 TO 28/ 24	
EXISTING SPEED ZONE		25		25	
PROPOSED SPEED LIMIT		25		25	
ACCIDENT LEGEND	19.92				
	19.93				
	19.94				

PROP. DAMAGE ☒
INJURY ◼
FATAL ■

SPEED SURVEY
WORKSHEET

CITRUS AVE.
BETWEEN CHURCH ST.
AND UNIVERSITY ST.
DATE OF SURVEY 4/11/95
FILE NUMBER



DEVELOPMENT

ROADWAY WIDTH

NO. OF STRIPED LANES

TYPE OF STRIPING

TRAFFIC CONTROLS

AVERAGE DAILY TRAFFIC

OBSERVED SPEED - CRITICAL

OBSERVED SPEED - PACE & AVG.

EXISTING SPEED ZONE

PROPOSED SPEED LIMIT

SCHOOL

RESIDENTIAL

64'

49'

FOUR LANES

ISLAND W/ FENCE

-DASHED WHITE LINES

DOUBLE YELLOW LINES -DASHED WHITE LINES

TRAFFIC SIGNALS @ CHURCH & UNIVERSITY ST.- PEDESTRIAN SIGNALS BETWEEN CHURCH & CENTRAL AVE.

6150

4222

34

26 TO 26/ 30

25

25

ACCIDENT
LEGEND

PROP. DAMAGE ☒

INJURY ▣

FATAL ■

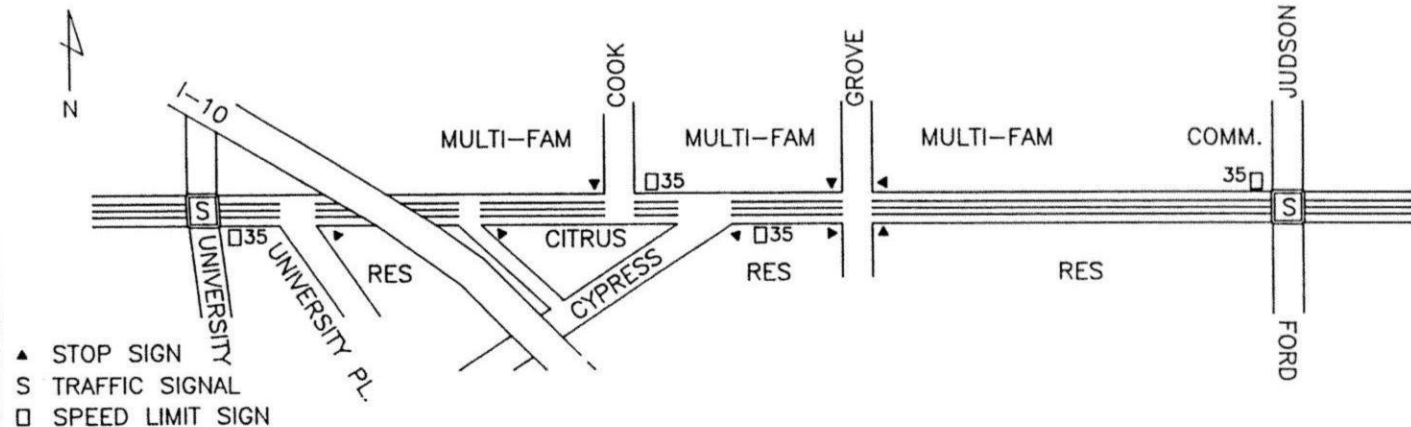
19.92

19.93

19.94

SPEED SURVEY
WORKSHEET

CITRUS AVE.
BETWEEN UNIVERSITY ST.
AND FORD ST.
DATE OF SURVEY 4/11/95
FILE NUMBER



DEVELOPMENT	APARTMENTS	RESIDENTIAL	COMMERCIAL
ROADWAY WIDTH	64'		
NO. OF STRIPED LANES	FOUR LANES		FOUR LANES
TYPE OF STRIPING	DOUBLE YELLOW LINES		DOUBLE YELLOW LINES - DASH WHITE LANE SEPARATORS
TRAFFIC CONTROLS	TRAFFIC SIGNALS @ UNIVERSITY & FORD/ JUDSON ST. -FOUR WAY STOP @ GROVE ST. - STOP SIGNS @ CROSS STREETS		
AVERAGE DAILY TRAFFIC	6329 → ← 8095		
OBSERVED SPEED - CRITICAL	38	36	40
OBSERVED SPEED - PACE & AVG.	30 TO 40/ 34		
EXISTING SPEED ZONE	35		
PROPOSED SPEED LIMIT	35		

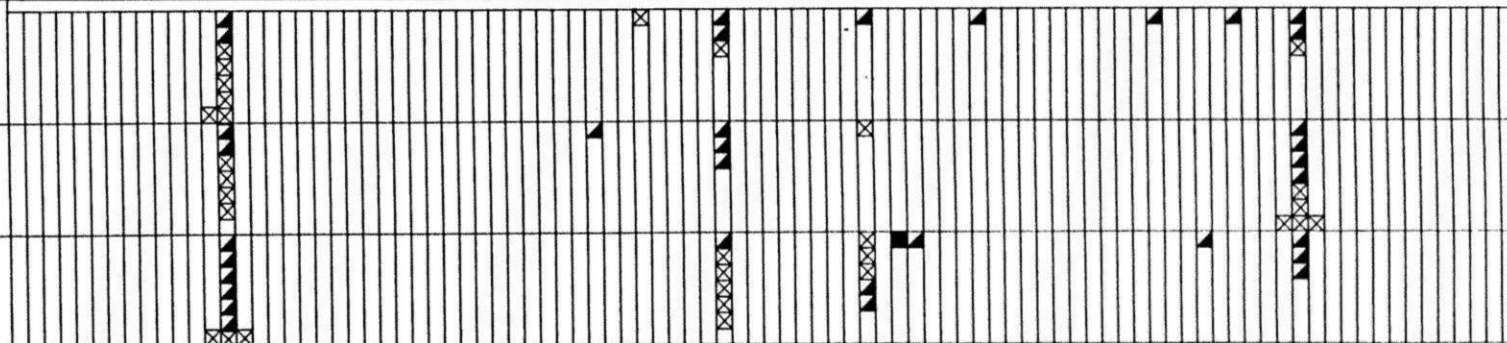
ACCIDENT
LEGEND

PROP. DAMAGE ☒
INJURY ▣
FATAL ■

19 92

19 93

19 94



SPEED SURVEY WORKSHEET

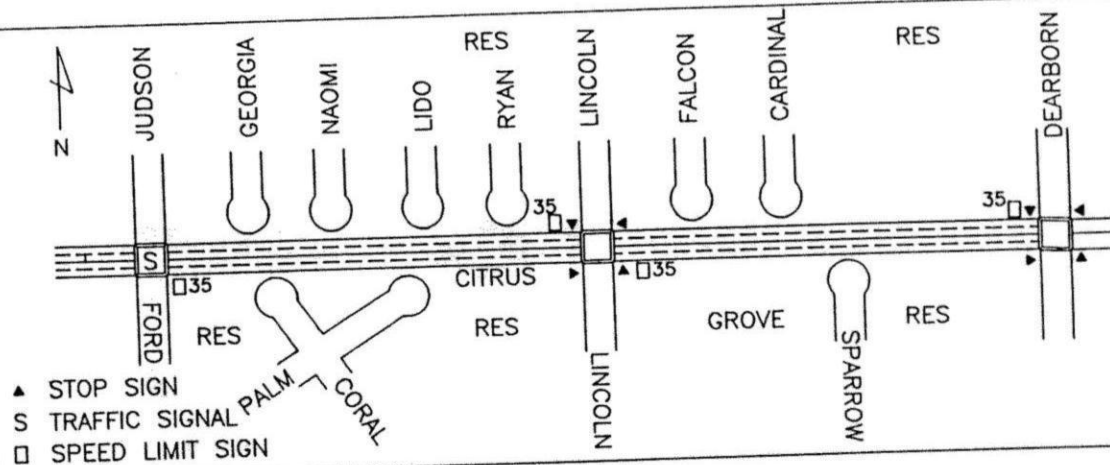
CITRUS AVE.

BETWEEN FORD ST.

AND DEARBORN ST.

DATE OF SURVEY 4/11/95

FILE NUMBER



DEVELOPMENT

ROADWAY WIDTH

NO. OF STRIPED LANES

TYPE OF STRIPING

TRAFFIC CONTROLS

TRAFFIC CONTROL	
AVERAGE DAILY TRAFFIC	
1	100
2	100
3	100
4	100
5	100
6	100
7	100
8	100
9	100
10	100
11	100
12	100
13	100
14	100
15	100
16	100
17	100
18	100
19	100
20	100
21	100
22	100
23	100
24	100
25	100
26	100
27	100
28	100
29	100
30	100
31	100
32	100
33	100
34	100
35	100
36	100
37	100
38	100
39	100
40	100
41	100
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43	100
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45	100
46	100
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78	100
79	100
80	100
81	100
82	100
83	100
84	100
85	100
86	100
87	100
88	100
89	100
90	100
91	100
92	100
93	100
94	100
95	100
96	100
97	100
98	100
99	100
100	100

OBSERVED SPEED - CRITICAL

[illegible][illegible]

EXISTING SPEED LIMIT	PROPOSED SPEED LIMIT
30	30
35	35
40	40
45	45
50	50
55	55
60	60
65	65
70	70
75	75
80	80
85	85
90	90
95	95
100	100

ACCIDENT LEGEND

1992

PROP. DAMAGE ☒

1993

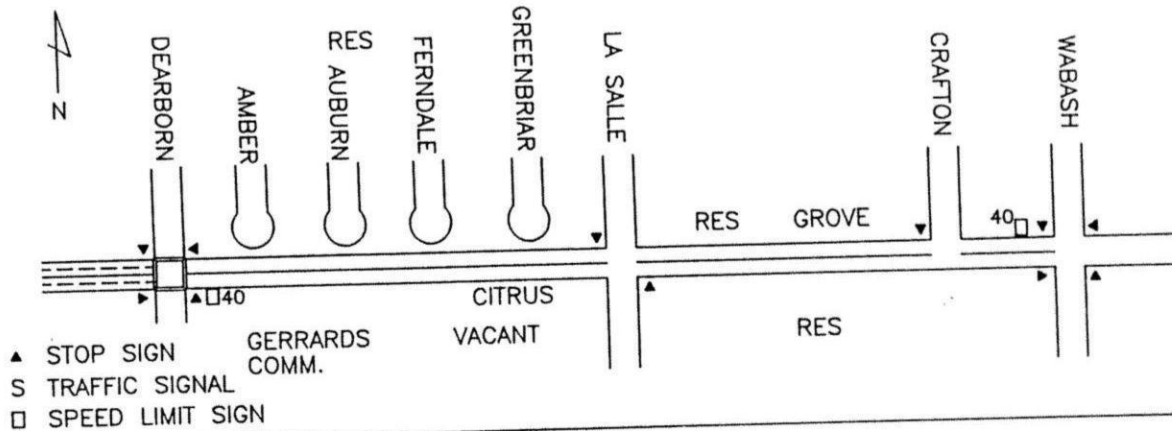
INJURY

FATAL

1994

SPEED SURVEY
WORKSHEET

CITRUS AVE.
BETWEEN DEARBORN ST.
AND WABASH AVE.
DATE OF SURVEY 4/5/95
FILE NUMBER



		COMMERCIAL	RESIDENTIAL	CITRUS FARMING		
DEVELOPMENT		63'	54'	48'	36'	60'
ROADWAY WIDTH		TWO LANES				
NO. OF STRIPED LANES		DOUBLE YELLOW LINES				
TYPE OF STRIPING		FOUR WAY STOP SIGNS • DEARBORN & WABASH - STOP SIGNS • CROSS STREETS				
TRAFFIC CONTROLS						
AVERAGE DAILY TRAFFIC						
OBSERVED SPEED - CRITICAL		44 42				
OBSERVED SPEED - PACE & AVG.		32-42/ 36				
EXISTING SPEED ZONE		40				
PROPOSED SPEED LIMIT		40				
ACCIDENT LEGEND PROP. DAMAGE ☒ INJURY ◼ FATAL ■	19.92					
	19.93					
	19.94					