

RESOLUTION NO. 4154

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), 22352, 22354, 22357, and 22358 of the California Vehicle Code and Article 680, Section 68001(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: Lugonia Avenue

Area of: West City Limits and East City Limits

Completion Date: February 10, 1986

Speed Limits as Follows:

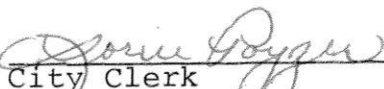
50 MPH between the west City Limits and Karon Street
40 MPH between Karon Street and Occidental Drive
50 MPH between Occidental Drive and Wabash Avenue

ADOPTED, SIGNED AND APPROVED this 18th day of March, 1986.



Mayor of the City of Redlands

ATTEST:



City Clerk

ENGINEERING, TRAFFIC, AND SPEED SURVEY

Res. 415H

HIGHWAY UNDER SURVEY: Lugonia Avenue
BETWEEN: West City Limits and East City Limits
DATE OF SURVEY: February 10, 1986

FACTS:

Lugonia Avenue in the area between the West City Limits (approximately in line with Tennessee Street) and Karon Street is for the most part undeveloped (fields). The roadway is two lanes, 54 feet wide. The area is posted for 50mph speed limit. The observed critical speed (85 percentile) was 48mph, average speed was 40mph.

Lugonia Avenue in the area between Karon Street and Orange Street is for the most part residential with a public park between Clay Street and Washington Street. The roadway is four lanes, 63 feet wide. The area is posted for 35mph. The observed critical speed was 40mph, average speed was 35mph.

Lugonia Avenue in the area between Orange Street and Wabash Avenue (east city limits) is State Highway Route 38. This area is residential, business, open fields and orange groves. The roadway is two lanes; the width varies from 36' (most of the roadway) to 72'. The observed critical speeds were as follows: At Herald Street 42mph (average speed 36mph) and at Judson Street 48mph (average speed 42mph).

RECOMMENDATIONS:

Based upon the facts accumulated in this study, it is recommended that the speed limits be adopted for Lugonia Avenue as follows, as they would facilitate the safe and orderly movement of traffic in a safe and reasonable manner.

1. 50mph for the area between west city limits and Karon Street.
2. 40mph for the area between Karon Street and Occidental Drive.
3. 50mph for the area between Occidental Drive and Wabash Avenue.

On January 26, 1983, the Department of Transportation, pursuant to the provisions of section 22343 of the Vehicle Code, found that 55 MPH is more than is reasonable and safe, prepared an order decreasing the 55 MPH speed limit on a state highway to:

1. 40mph for the area between Orange Street to Occidental Drive.
2. 50mph for the area between Occidental Drive and Wabash Avenue.

It is recommended that Lugonia Avenue remain posted in the following manner:

1. For eastbound traffic:

- A. 50mph speed limit sign east of Alabama Street.
- B. 40mph speed limit sign east of Karon Street.
- C. 40mph speed limit sign east of Texas Street.
- D. 40mph speed limit sign east of Orange Street.
- E. 40mph speed limit sign east of Church Street.
- F. 50mph speed limit sign east of Occidental Drive.
- G. 50mph speed limit sign east of Judson Street.

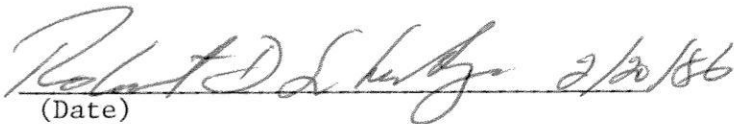
2. For westbound traffic:

- A. 50mph speed limit sign west of Wabash Street
- B. 50mph speed limit sign west of Judson Street.
- C. 40mph speed limit sign east of Occidental Drive.
- D. 40mph speed limit sign west of Orange Street.
- E. 40mph speed limit sign west of Texas Street.
- F. 50mph speed limit sign west of Karon Street.

3. Maintain current School Zone posting for east and westbound traffic at Sixth Street at Lugonia Elementary School.

Bill L. Cranfill, Sergeant
Traffic Safety Section

Reviewed by Traffic Commission:

 2/20/86
(Date)

RADAR SPEED SURVEY

STREET: LUGONIA AVE.
 DIRECTION OF TRAVEL: E/W
 DATE: 02/10/86
 WEATHER: CLEAR

LOCATION: W/OF KARON
 EXISTING SPEED LIMIT: 50
 TIME START: 1110
 ROAD CONDITION: DRY
 TIME END: 1200
 OBSERVER: OFF. CULLEN

MPH	NUMBER OF VEHICLES	# OF VEHS	% OF TOTAL	% CUM
26	X	1	0.5	0.5
28	XXX	3	1.4	1.9
30	XXXXXXXXXX	10	4.7	6.5
32	XXXXXXX	7	3.3	9.8
34	XXXXXXXXXXXXXXXX	14	6.5	16.3
36	XXXXXXXXXXXXXXXXXXXX	20	9.3	25.6
38	XXXXXXXXXXXXXXXXXXXX	20	9.3	34.9
40	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	44	20.5	55.3
42	XXXXXXXXXXXXXXXXXXXX	22	10.2	65.6
44	XXXXXXXXXXXX	14	6.5	72.1
46	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	26	12.1	84.2
48	XXXXXXXXXXXXXXXXXXXX	17	7.9	92.1
50	XXXXXXX	9	4.2	96.3
52	XXXXXXX	7	3.3	99.5
54	X	1	0.5	100.0

TOTAL NUMBER OF VEHS: 215
 CRITICAL SPEED (85%): 48 MPH
 PACE SPEED: 36 TO 46 MPH
 AVERAGE SPEED: 40 MPH
 MEDIAN SPEED: 40 MPH

CERTIFICATION:

LT. C. HYMAN 2-20-86
 LT. C. HYMAN DATE

RADAR SPEED SURVEY

STREET: LUGONIA AVE. LOCATION: E/OF WEBSTER ST.
 DIRECTION OF TRAVEL: E/W EXISTING SPEED LIMIT: 40
 DATE: 02/10/86 TIME START: 1205 TIME END: 1250
 WEATHER: CLEAR ROAD CONDITION: DRY OBSERVER: OFF. CULLEN

PH	NUMBER OF VEHICLES	# OF VEHS	% OF TOTAL	% CUM
22	XX	2	0.7	0.7
24	X	1	0.3	1.0
26	XXXXXXXXXX	9	3.0	4.0
28	XXXXXXXXXXXXXXXXXXXX	17	5.7	9.7
30	XXXXXXXXXXXXXXXXXXXX	18	6.0	15.7
32	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	25	8.3	24.0
34	XX	50	16.7	40.7
36	XX	57	19.0	59.7
38	XX	47	15.7	75.3
40	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	35	11.7	87.0
42	XXXXXXXXXXXXXXXXXXXX	18	6.0	93.0
44	XXXXXXXXXXXX	11	3.7	96.7
46	XXXX	4	1.3	98.0
48	XX	2	0.7	98.7
50	XXXX	4	1.3	100.0

TOTAL NUMBER OF VEHs: 300
 CRITICAL SPEED (85%): 40 MPH
 RANGE SPEED: 32 TO 42 MPH
 AVERAGE SPEED: 35 MPH
 MEDIAN SPEED: 36 MPH

CERTIFICATION:
LT. C. Hyman 2-20-86
 LT. C. HYMAN DATE

RADAR SPEED SURVEY

STREET: LUGONIA AVE. LOCATION: E/OF HERALD ST.
 DIRECTION OF TRAVEL: E/W EXISTING SPEED LIMIT: 40
 DATE: 02/11/86 TIME START: 0954 TIME END: 1045
 WEATHER: CLOUDY ROAD CONDITION: DRY OBSERVER: OFF. CULLEN

PH	NUMBER OF VEHICLES	# OF VEHS	% OF TOTAL	% CUM
22	XX	2	0.6	0.6
24	XX	2	0.6	1.3
26	XXXXXX	6	1.9	3.1
28	XXXXXXXXXXXXXX	14	4.4	7.5
30	XXXXXXXXXXXXXXXXXXXX	21	6.6	14.1
32	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	38	11.9	25.9
34	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	53	16.6	42.5
36	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	49	15.3	57.8
38	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	33	10.3	68.1
40	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	34	10.6	78.8
42	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	34	10.6	89.4
44	XXXXXXXXXX	10	3.1	92.5
46	XXXXXXXXXX	11	3.4	95.9
48	XXXXXX	6	1.9	97.8
50	XXXX	4	1.3	99.1
52	XX	2	0.6	99.7
54	X	1	0.3	100.0

TOTAL NUMBER OF VEHS: 320
 CRITICAL SPEED (85%): 42 MPH
 RANGE SPEED: 32 TO 42 MPH
 AVERAGE SPEED: 36 MPH
 MEDIAN SPEED: 38 MPH

CERTIFICATION:

LT. C. HYMAN 2-20-86
 DATE

RADAR SPEED SURVEY

REET: LUGONIA AVE.
ECTION OF TRAVEL: E/W
TE: 02/11/86
ATHER: CLOUDY

LOCATION: W/OF JUDSON ST.
EXISTING SPEED LIMIT: 50
TIME START: 1050
ROAD CONDITION: DRY
TIME END: 1150
OBSERVER: OFF. CULLEN

PH	NUMBER OF VEHICLES	# OF VEHS	% OF TOTAL	% CUM
28	XX	2	0.5	0.5
30	XXX	3	0.8	1.3
32	XXXXXXX	7	1.8	3.1
34	XXXXXXXXXXXX	14	3.7	6.8
36	XXXXXXXXXXXXXXXXXXXX	25	6.6	13.4
38	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	48	12.6	26.0
40	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	50	13.1	39.1
42	XX	52	13.6	52.8
44	XX	53	13.9	66.7
46	XX	48	12.6	79.3
48	XX	33	8.7	87.9
50	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	30	7.9	95.8
52	XXXXXXX	7	1.8	97.6
54	XXXXXXX	7	1.8	99.5
56	X	1	0.3	99.7
58	X	1	0.3	100.0

TOTAL NUMBER OF VEHS: 381
CRITICAL SPEED (85%): 48 MPH
FACE SPEED: 38 TO 48 MPH
AVERAGE SPEED: 42 MPH
MEDIAN SPEED: 43 MPH

CERTIFICATION:

LT. C. HYMAN 2-20-86
DATE

RESOLUTION NO. 3491

A RESOLUTION 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 Section 40802(b) of the California Vehicle Code and Article 680, Section 68001(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.

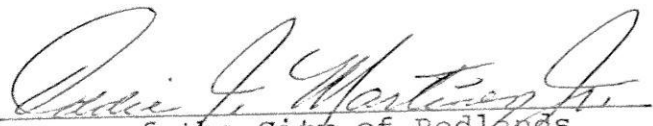
Highway: Lugonia Avenue

Date of Study: May 11, 1978

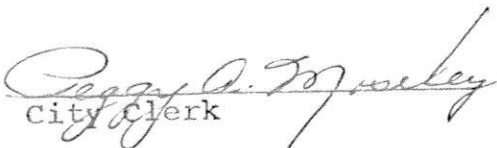
Speed Limits as Follows:

- 50 MPH between West City Limits and Karon Street
- 40 MPH between Karon Street and Occidental Drive
- 50 MPH between Occidental Drive and a point 3/10 of a mile west of Wabash Avenue
- 40 MPH between a point 3/10 of a mile west of Wabash Avenue and Wabash Avenue

Adopted, signed and approved this 6th day of June, 1978.


Mayor of the City of Redlands

ATTEST:


City Clerk

APPROVED FOR FORM:

s/ Edward F. Taylor
City Attorney

SPEED SURVEY
WORKSHEET # 1

LUGONIA AVE

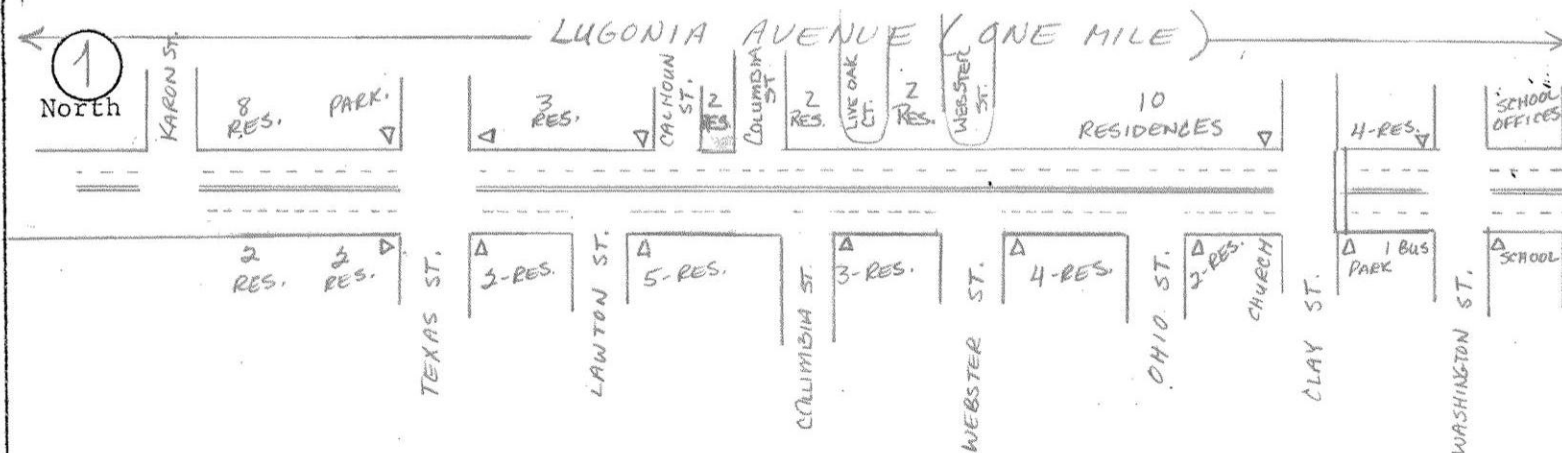
HIGHWAY NAME

BETWEEN CITY LIMITS

AND ORANGE ST.

DATE OF SURVEY 2-10-86

FILE NUMBER 5-78-3



DEVELOPMENT

RESIDENCE, PARK, OPEN FIELDS, AND BUSINESS.

ROADWAY WIDTH

54' * 63'

NO. OF STRIPED LANES

FOUR

TYPE OF DIVISION STRIP

DOUBLE SOLID YELLOW LINES AND BROKEN WHITE LINES

TRAFFIC SIGNAL DATA

STATE TRAFFIC SIGNAL AT ORANGE ST. (ROUTE #38)

AVERAGE DAILY TRAFFIC

OBSERVED SPEED - CRITICAL

MPH (AVG. 40.7 MPH)

MPH (AVG. MPH)

OBSERVED SPEED - PACE

40 TO 50

32 TO 42

EXISTING SIGNED ZONE

50 MPH

40 MPH

PROPOSED SPEED LIMIT

NO CHANGE

NO CHANGE

ACCIDENT
LEGEND

1983

PROP. DAM. ONLY ☒

1984

NON-FATAL ☐

FATAL ☐

1985

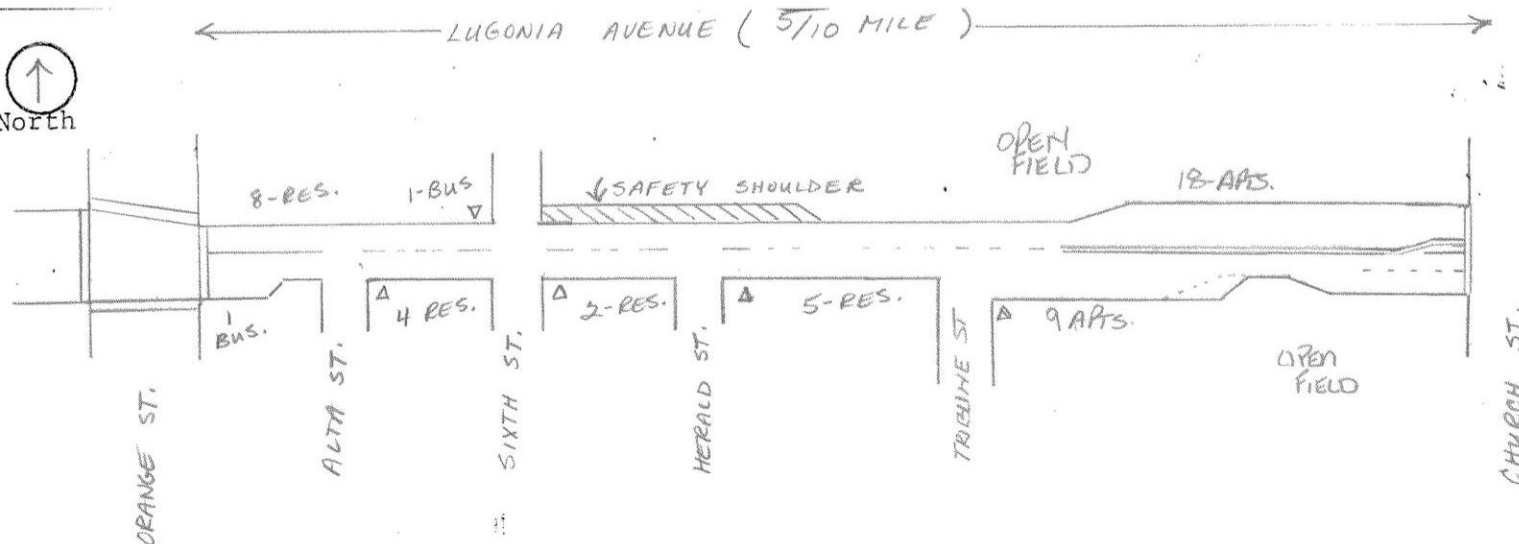
SPEED SURVEY
WORKSHEET # 2

LUGONIA AVE
HIGHWAY NAME

BETWEEN ORANGE ST.
AND CHURCH ST.

DATE OF SURVEY 2-10-86

FILE NUMBER 5-78-3



DEVELOPMENT

RESIDENCE, BUSINESS, AND OPEN FIELDS

ROADWAY WIDTH

54'

36'

53'

75'

55'

73'

NO. OF STRIPED LANES

TWO

TYPE OF DIVISION STRIP

BROCKEN YELLOW PAINTED LINE 1 SOLID DOUBLE YELLOW LINES.

TRAFFIC SIGNAL DATA

STATE TRAFFIC SIGNAL AT ORANGE ST (Route #38) AND AT CHURCH ST

AVERAGE DAILY TRAFFIC

OBSERVED SPEED - CRITICAL

44 MPH (AVG. 35.1 MPH)

OBSERVED SPEED - PACE

21 TO 44

EXISTING SIGNED ZONE

40 MPH.

PROPOSED SPEED LIMIT

NO CHANGE

ACCIDENT
LEGEND

1983

PROP. DAM. ONLY ☒

1984

NON-FATAL ☐

FATAL ☐

1985

CAL-TRANS

6-2-78

40 MPH

794-6429

SPEED SURVEY
WORKSHEET #

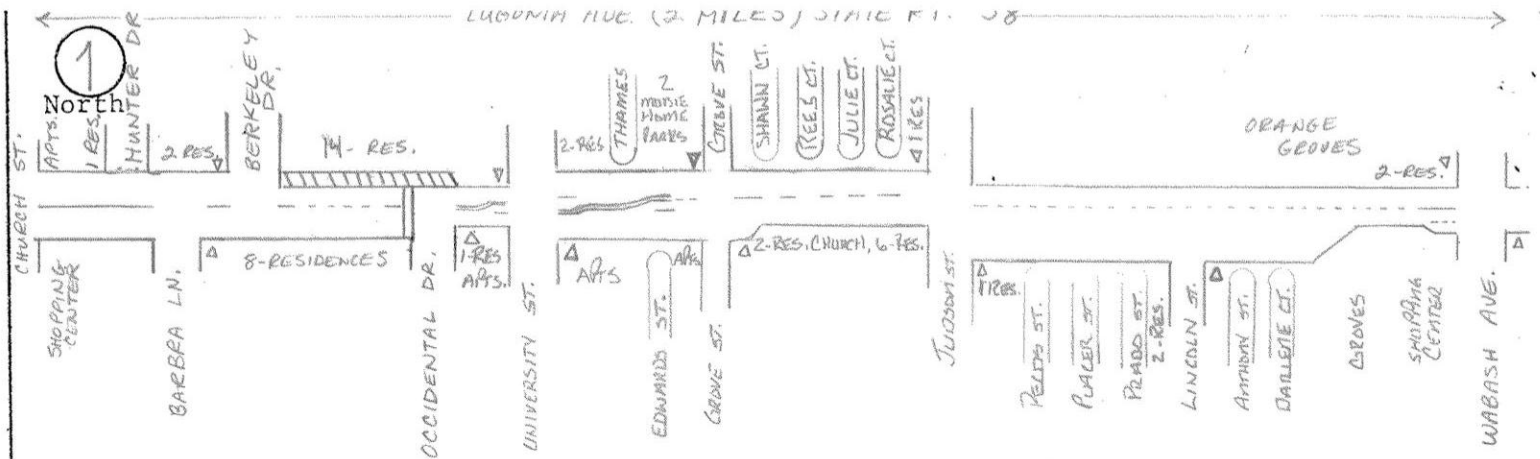
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LUGONIA AVE. - STATE RT. 38
HIGHWAY NAME

BETWEEN CHURCH ST.
AND WABASH AVE.

DATE OF SURVEY 2-10-86

FILE NUMBER 5-78-3



DEVELOPMENT	BUSINESS, RESIDENCE, AND OPEN							
ROADWAY WIDTH	72'	56'	51'	72'	51'	53'	31'	46'
NO. OF STRIPED LANES	TWO							
TYPE OF DIVISION STRIP	BROKEN YELLOW PAINTED LINE, SOLID DOUBLE YELLOW LINES							
TRAFFIC SIGNAL DATA	STATE TRAFFIC SIGNAL AT CHURCH ST (ROUTE #38)							
AVERAGE DAILY TRAFFIC								
OBSERVED SPEED - CRITICAL	MPH (AVG. 44.9 MPH)							
OBSERVED SPEED - PACE	40 TO 50							
EXISTING SIGNED ZONE	40 MPH 50 MPH 40 MPH							
PROPOSED SPEED LIMIT	NO CHANGE NO CHANGE RECOMMEND							

ACCIDENT
LEGEND

19 83

PROP. DAM. ONLY ☒

19 84

NON-FATAL ☐

FATAL ☐

19 85

CAL-TRANS
6-2-78

40 MPH 50 MPH 40 MPH