

RESOLUTION NO. 3992

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), 22354, 22357 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: Orange Street

Date of Study: July 23, 1984

Speed Limits as Follows:

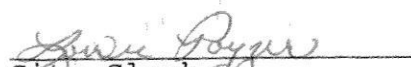
25 MPH between Citrus Avenue and Colton Avenue
30 MPH between Colton Avenue and Lugonia Avenue
35 MPH between Lugonia Avenue and San Bernardino Avenue
45 MPH between San Bernardino Avenue and Pioneer Avenue
55 MPH between Pioneer Avenue and the north city limits
25 MPH when school children present in the school zone
between Lugonia Avenue and San Bernardino Avenue.

ADOPTED, SIGNED AND APPROVED this 16th day of October, 1984.



Mayor of the City of Redlands

ATTEST:



City Clerk

ENGINEERING, TRAFFIC AND SPEED SURVEY

Highway Under Survey: Orange Street
Area of: Vine Street & North City Limits
Date of Survey: July 23, 1984

RECOMMENDATIONS:

It is recommended that based on the facts of this survey that Orange Street between Vine Street and Colton Avenue remain posted as a 25 MPH zone. This area is a central business district and meets the requirements of 22353(b-1) CVC for a 25 MPH speed limit. The observed critical speed for this area was 30 MPH with a pace speed of 22 to 32 and an average speed of 26 MPH. There are seven intersections in this area and parallel parking is permitted on both sides of the street.

Taking the above facts into consideration, a speed limit of 25 MPH would be appropriate to facilitate the orderly movement of traffic in a safe and reasonable manner.

The area between Colton Avenue and Lugonia Avenue should remain posted as a 30 MPH zone. The area is a mixture of both commercial and residential property. The roadway width is 39 feet and parallel parking is allowed on both sides of the street. There are five intersections in the area with two being controlled by automatic traffic control signals and three being controlled by stop signs on the intersecting roadways. The observed critical speed was 34 MPH with a pace speed of 26 to 36 MPH and an average speed of 29 MPH.

Taking the above facts into consideration, a speed limit of 30 MPH would be appropriate to facilitate the orderly movement of traffic in a safe and reasonable manner.

The area between Lugonia Avenue and San Bernardino Avenue should remain posted as a 35 MPH zone. The observed critical speed was 36 MPH (pace 26 to 36, average 30). Lugonia School is located along the east side of Orange Street between Pennsylvania Avenue and Delaware Avenue. The school is set back and not readily apparent to the average driver. This area would qualify under 22352 (b-2) CVC (school zone) for a 25 MPH limit when children are present.

Taking the above facts into consideration a speed limit of 35 MPH would be appropriate to facilitate the orderly movement of traffic in a safe and reasonable manner. The area between just south of San Bernardino Avenue and just north of Lugonia Avenue should be posted as 25 MPH zone when school children are present.

The area between San Bernardino Avenue and Pioneer Avenue

should remain posted as a 45 MPH zone. The critical speed was 48 MPH (pace 40 to 50, average 41). The roadway width is 64 feet and most residents park to the rear of their property.

Taking the above facts into consideration a speed limit of 45 MPH would be appropriate to facilitate the orderly movement of traffic in a safe and reasonable manner.

The area between Pioneer Avenue and the north city limits should remain posted as a 55 MPH zone. This area is open agricultural and does not have any intersecting roadways.

Taking the above facts into consideration a speed limit of 55 MPH would be appropriate to facilitate the orderly movement of traffic in a safe and reasonable manner.

It is recommended that Orange Street be posted as follows:

1. Post 25 MPH signs for north bound traffic
 - a) North of Redlands Boulevard
 - b) North of Stuart Avenue
2. Post 25 MPH signs for south bound traffic
 - a) South of Pearl Avenue
 - b) South of High Avenue
3. Post 30 MPH signs for north bound traffic
 - a) North of Colton Avenue
 - b) North of Brockton Avenue
4. Post 30 MPH signs for south bound traffic
 - a) South of Lugonia Avenue
 - b) South of Brockton Avenue
5. Post 35 MPH signs for north bound traffic
 - a) North of Lugonia Avenue
 - b) North of Pennsylvania Avenue
6. Post 35 MPH signs for south bound traffic
 - a) South of San Bernardino Avenue
 - b) South of Pennsylvania Avenue
7. Post 45 MPH sign for north bound traffic north of San Bernardino Avenue
8. Post 45 MPH sign for south bound traffic south of Pioneer Avenue

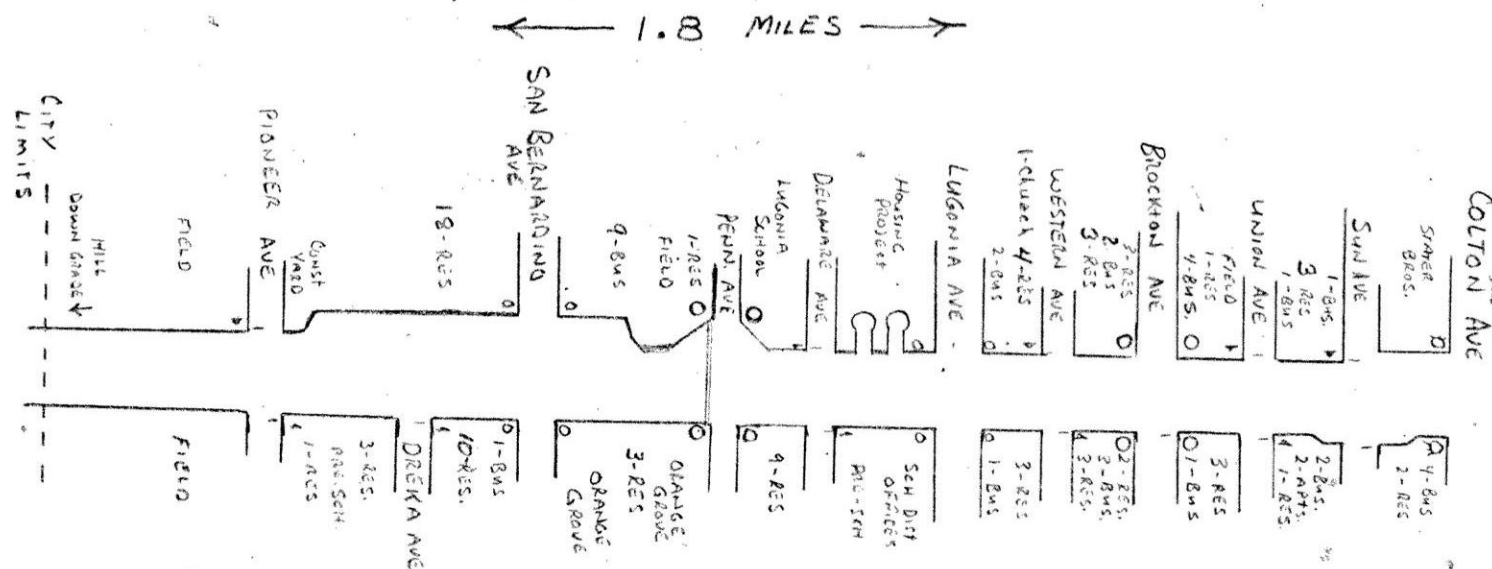
9. Post a 55 MPH sign for north bound traffic just north of Pioneer Avenue.
10. Post a 55 MPH sign for south bound traffic just south of the city limits.
11. Post 25 MPH while school children are present signs
 - a) Just north of Lugonia Avenue for north bound traffic
 - b) Just south of San Bernardino Avenue for south bound traffic
 - c) Just south of Pennsylvania Avenue for south bound traffic

Cletus F. Hyman
Lt. Cletus F. Hyman

Reviewed by the Redlands
Traffic Commission

[Signature] 5/20/84
Chairman Date

WORKSHEET
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NOT DRAWN TO SCALE

DEVELOPMENT	OPEN FIELDS - RESIDENCE - BUSINESS		
ROADWAY WIDTH	40'	64'	39'
NO. OF STRIPED LANES	TWO LANES	FOUR LANES	TWO LANES
TYPE OF DIVISION STRIP	BROKEN YELLOW LINES	DOUBLE YEL. & BROKEN WHT.	BROKEN YELLOW LINES
TRAFFIC SIGNAL DATA	SIGNALS AT SAN BERNARDINO AVE, PENNSYLVANIA AVE, LUGONIA AVE, BROCKTON AVE, COLTON AVE.		
AVERAGE DAILY TRAFFIC	7,201 TO STUART AVE		
OBSERVED SPEED--CRITICAL	43 MPH	36 MPH	34 MPH
OBSERVED SPEED--PACE	40 TO 50	26 TO 36	26 TO 36
EXISTING SIGNED ZONE	55 (STATE MAX. SPEED)	45 MPH	35 MPH
PROPOSED SPEED LIMIT	SAME AS ABOVE NO CHANGE		

ACCIDENT LEGEND		1980	1981	1982	1983
PROP. DAM. ONLY	☒				
NON-FATAL	☐				
FATAL	☐				



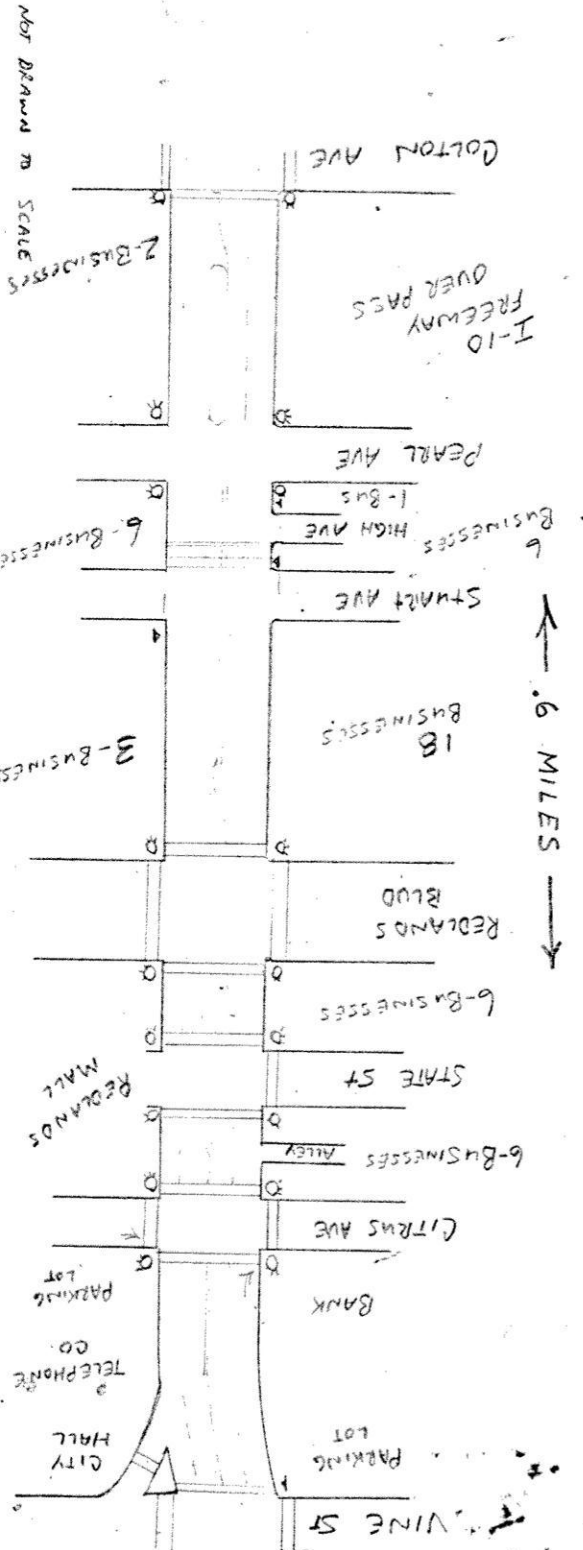
ORANGE ST

COTTON AVE - VINE ST

DATE OF SURVEY: 2-14-78

FILE NUMBER: 2-78-3

WORKSHEET
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NOT DRAWN TO SCALE

100% BUSINESS

DEVELOPMENT
ROADWAY WIDTH

NO. OF STRIPED LANES

TYPE OF DIVISION STRIP

TRAFFIC SIGNAL DATA

AVERAGE DAILY TRAFFIC

OBSERVED SPEED--CRITICAL

OBSERVED SPEED--FACE

EXISTING SIGNED ZONE

PROPOSED SIGNED LIMIT

62'

FOUR LANES

DOUBLE YELLOW LINES - BROKEN WHITE LINES

SIGNALS AT COTTON AVE, PEARL AVE, REDLANDS BL, STATE ST AND CITRUS AVE

30

22-70 32

25 MPH

25 MPH NO CHANGE

3589

28 MPH

22-32

ACCIDENT
LEGEND

1980

TOP DAM ONLY

1981

ON-FATAL

ATAL

1982

1983

