

RESOLUTION NO. 3698

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 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: Grove Street

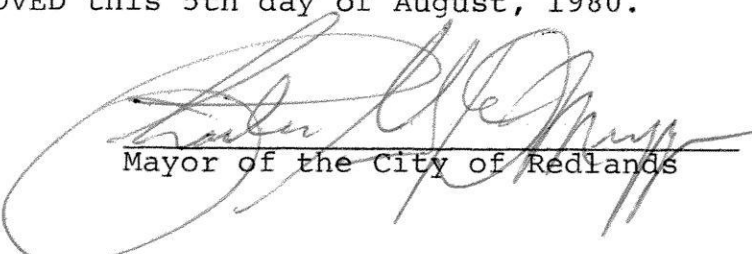
Date of Study: May 22, 1980

Speed Limits as Follows:

30 MPH between Citrus Avenue and Highland Avenue

20 MPH advisory sign to be posted for curve just south of Morrison Drive for both directions of travel

ADOPTED, SIGNED AND APPROVED this 5th day of August, 1980.


Mayor of the City of Redlands

ATTEST:


Deputy City Clerk

APPROVED FOR FORM:

s/ Edward F. Taylor
City Attorney

TRAFFIC, ENGINEERING AND SPEED SURVEY

Req. 3698

Highway under survey: Grove Street
Area of: Between Citrus Avenue and Highland Avenue
Date of Survey: May 22, 1980

RECOMMENDATIONS:

It is recommended, based on the facts of this survey that Grove Street between Citrus Avenue and Highland Avenue be posted at 30 MPH.

The observed critical speed was 34 MPH with an average speed of 27 MPH and a pace speed of 20 to 30 MPH. There are five intersections between Citrus Avenue and Highland Avenue, four of which are uncontrolled. The area meets the requirements of 22352 b-1 (residential zone) for a 25 MPH speed limit.

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 curve in the road just south of Morrison should be posted with 20 MPH advisory signs, for both directions of travel.

It is recommended that the road be sign posted as follows:

1. Post 30 MPH signs for S/bound traffic
 - a) Just S/of Citrus Avenue
 - b) Just S/of Palm Avenue
2. Post 30 MPH signs for N/bound traffic
 - a) Just north of Highland
 - b) Just north of Palm
3. Post "Curve" and 20 MPH advisory signs
 - a) Just S/of Morrison for S/bound traffic
 - b) Between Palm Avenue and Morrison for
- N/bound traffic.

Cletus F. Hyman

CLETUS F. HYMAN, Sergeant
Traffic Safety

SURVEY REVIEWED:

D. C. Poe

D. C. POE, Captain
Redlands Police Department

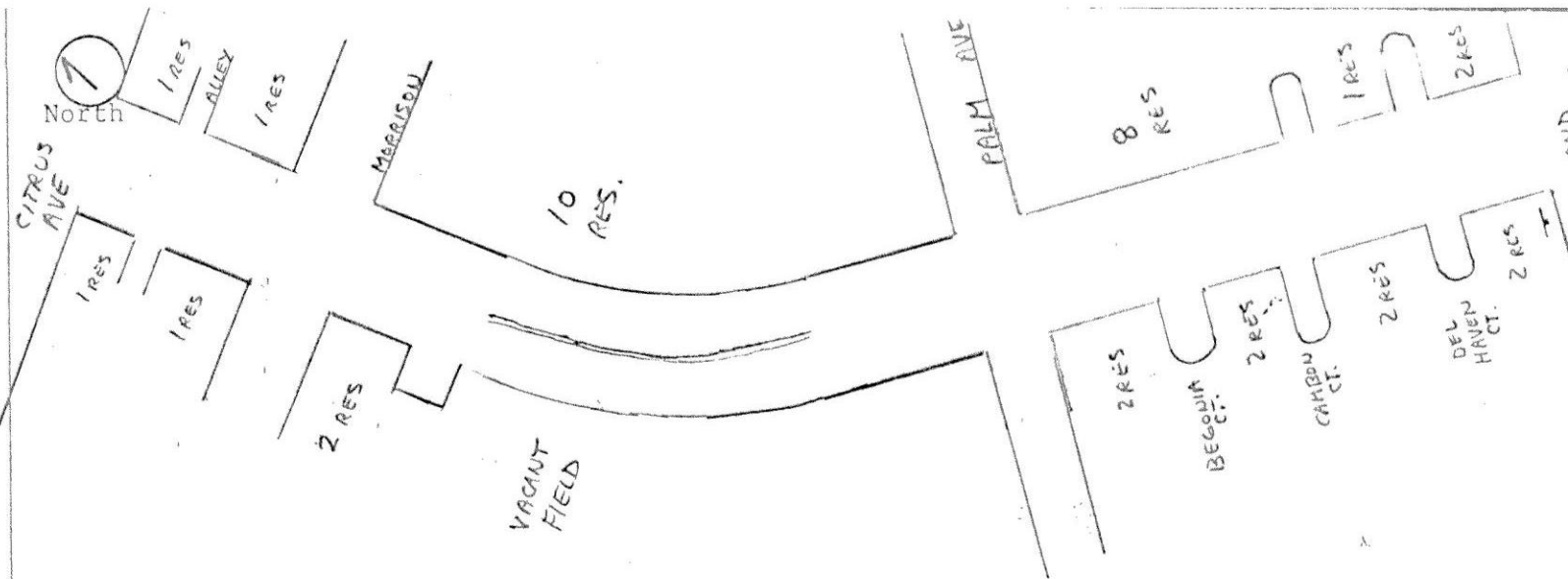
SPEED SURVEY
WORKSHEET #

GROVE ST
HIGHWAY NAME

BETWEEN CITRUS AVE
AND HIGHLAND AVE

DATE OF SURVEY 5.22.80

FILE NUMBER



DEVELOPMENT

ROADWAY WIDTH

- 39 FT -

NO. OF STRIPED LANES

TYPE OF DIVISION STRIP

NONE

DOUBLE YLL

NONE

TRAFFIC SIGNAL DATA

- NONE -

AVERAGE DAILY TRAFFIC

OBSERVED SPEED - CRITICAL

34 MPH

OBSERVED SPEED - PACE

30-40

EXISTING SIGNED ZONE

NONE

PROPOSED SPEED LIMIT

30 MPH

ACCIDENT
LEGEND

1979

2

PROP. DAM. ONLY ☒

1978

0

NON-FATAL ☒

FATAL ☒

1977

0

MOTOR VEHICLE SPEED

FILE NO.:

ROAD: GROVE OBSERVER: D.W. BRIDGES DATE: 5-22-80
 LOCATION: N/O PALM CALC. BY: TIME: 0830 START
 WEATHER: CLEAR ROAD CONDITION: DRY CHECKED BY: 1045 FINISH

DIRECTION: <u>NORTH</u>						NO. VEH.	TOTAL SPEED
Mph	5	10	15	20	25		
82							
80							
78							
76							
74							
72							
70							
68							
66							
64							
62							
60							
58							
56							
54							
52							
50							
48							
46							
44							
42	X	X	X	X	X	5	210
40	X	X	X	X	X	3	80
38	X	X	X	X	X	3	114
36	X	X	X	X	X	1	36
34	X	X	X	X	X	5	170
32	X	X	X	X	X	5	160
30	X	X	X	X	X	4	130
28	X	X	X	X	X	1	28
26	X	X	X	X	X	4	104
24	X	X	X	X	X	4	264
22	X	X	X	X	X	9	198
20	X	X	X	X	X	14	280
18							
16							
14							

DIRECTION: <u>SOUTH</u>						NO. VEH.	TOTAL SPEED
Mph	5	10	15	20	25		
82							
80							
78							
76							
74							
72							
70							
68							
66							
64							
62							
60							
58							
56							
54							
52							
50							
48							
46							
44							
42							
40							
38	X	X	X	X	X	5	190
36	X	X	X	X	X	1	36
34	X	X	X	X	X	9	306
32	X	X	X	X	X	4	128
30	X	X	X	X	X	4	120
28	X	X	X	X	X	4	112
26	X	X	X	X	X	6	156
24	X	X	X	X	X	7	168
22	X	X	X	X	X	6	132
20	X	X	X	X	X	5	100
18							
16							
14							

LEGEND

X = PASS CAR
 P = PICKUP
 B = BUS
 2 = 2 AXLES
 3 = 3 AXLES
 4 = 4 AXLES
 5 = 5 AXLES
 6 = 6 AXLES

TOTALS 64 1764

Average Speed 27
 Critical Speed 36
 Pace Speed 20 to 30
 % Over Pace 39%
 % In Pace 61%
 % Under Pace 0%

TOTALS 115 3212

Average Speed 27.9
 Critical Speed 34
 Pace Speed 20 to 30

TOTALS 51 1448

Average Speed 28
 Critical Speed 34
 Pace Speed 20 to 30
 % Over Pace 45%
 % In Pace 55%
 % Under Pace 0%