

RESOLUTION NO. 5172

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: ALABAMA STREET

Date of Study: OCTOBER 10, 1994

Speed Limits as follows:

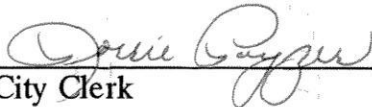
45 mph between Barton Road and 200 feet north of Park Avenue
30 mph between 200 feet north of Park Avenue and Lugonia Avenue

ADOPTED, SIGNED AND APPROVED THIS 18TH DAY OF APRIL, 1995



Mayor of the City of Redlands

ATTEST:



City Clerk

ENGINEERING, TRAFFIC AND SPEED SURVEY

HIGHWAY UNDER SURVEY: ALABAMA STREET
AREA OF: BETWEEN BARTON ROAD AND LUGONIA AVENUE
DATE OF SURVEY: SEPTEMBER 20, 1994

RECOMMENDATIONS:

Based on the facts of this survey, it is recommended that Alabama Street between Barton Road and a point 200 feet north of Park Avenue be posted for 45 mph. The area is currently posted 45 mph. Critical speeds in this area were generally 48 mph, with one location recording a critical speed of 50 mph. The average speeds ranged between 43 and 44 mph.

The area consists of scattered residences, some isolated commercial areas, and open land. The 45 mph zone should not extend to Redlands Boulevard because of the busy commercial area immediately south of Redlands Boulevard.

It is recommended that Alabama Street between a point 200 feet north of Park Avenue and Lugonia Avenue be posted for 30 mph. The current speed limit is 30 mph. Critical speeds in this area ranged from 26 to 36 mph, with two readings of 34 mph. The average speed ranged from 22 to 30 mph.

This area contains six signalized intersections in one-half mile. It also contains several access drives to businesses and a railroad crossing.

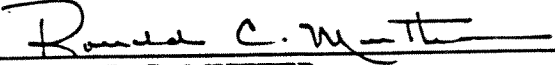
The critical speeds and the physical nature of the area support the maintenance of a 30 mph speed zone.

It is recommended that the roadway be posted as follows:

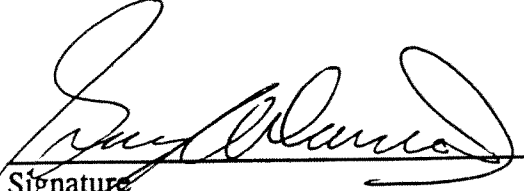
1. Post 45 mph signs for northbound traffic
 - a. Just north of Milburn Avenue
 - b. Just north of Citrus Avenue
2. Post 45 mph signs for southbound traffic
 - a. 200 feet north of Park Avenue
 - b. Just north of Storage Court
 - c. Just north of Orange Avenue

ENGINEERING, TRAFFIC AND SPEED SURVEY
ALABAMA STREET
PAGE 2

3. Post 30 mph signs for northbound traffic
 - a. 200 feet north of Park Avenue
 - b. Just north of the railroad crossing
4. Post 30 mph signs for southbound traffic
 - a. Just south of Lugonia Avenue
 - b. Just south of Industrial Park Avenue
 - c. Just south of Redlands Boulevard


RONALD C. MUTTER
Public Works Director

Reviewed by Traffic and Parking Commission


Signature

4/11/95
Date

RADAR SPEED SURVEY

STREET: ALABAMA ST.
 DIRECTION OF TRAVEL: N.
 DATE: 09/20/94
 WEATHER: CLEAR

LOCATION: @ PARK AVE.
 EXISTING SPEED LIMIT: 45
 TIME START: 1510 TIME END: 1523
 ROAD CONDITION: DRY/GOOD OBSERVER: ANTHONY J. MACKESY

MPH	NUMBER OF VEHICLES	# OF VEHS	% OF TOTAL	% CUM
32	X	1	0.8	0.8
34	XX	2	1.6	2.4
36	XXXXX	5	4.0	6.5
38	XXXXXXXXXXXXX	11	8.9	15.3
40	XXXXXXXXXXXXX	13	10.5	25.8
42	XXXXXXXXXXXXX	17	13.7	39.5
44	XXXXXXXXXXXXX	21	16.9	56.5
46	XXXXXXXXXXXXX	19	15.3	71.8
48	XXXXXXXXXXXXX	12	9.7	81.5
50	XXXXXXXXXXXXX	11	8.9	90.3
52	XXXXXXXXXX	9	7.3	97.6
54	XXX	3	2.4	100.0

TOTAL NUMBER OF VEHS: 124
 CRITICAL SPEED (85%): 50 MPH
 PACE SPEED: 38 TO 48 MPH
 AVERAGE SPEED: 44 MPH
 MEDIAN SPEED: 43 MPH

CERTIFICATION:

RONALD C. MUTTER

DATE

2/17/95

RADAR SPEED SURVEY

STREET: ALABAMA ST.
 DIRECTION OF TRAVEL: S.
 DATE: 09/20/94
 WEATHER: CLEAR

LOCATION: @ ORANGE AVE.
 EXISTING SPEED LIMIT: 45
 TIME START: 1541 TIME END: 1554
 ROAD CONDITION: DRY/GOOD OBSERVER: ANTHONY J. MACKESY

MPH	NUMBER OF VEHICLES	# OF VEHS	% OF TOTAL	% CUM
34	XX	2	1.8	1.8
36	XXX	3	2.6	4.4
38	XXXX	4	3.5	7.9
40	XXXXXXXXXXXX	11	9.6	17.5
42	XXXXXXXXXXXXXXXX	15	13.2	30.7
44	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	24	21.1	51.8
46	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	21	18.4	70.2
48	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	18	15.8	86.0
50	XXXXXXX	7	6.1	92.1
52	XXXXXXX	6	5.3	97.4
54	XXX	3	2.6	100.0

TOTAL NUMBER OF VEHS: 114
 CRITICAL SPEED (85%): 48 MPH
 PACE SPEED: 40 TO 50 MPH
 AVERAGE SPEED: 44 MPH
 MEDIAN SPEED: 44 MPH

CERTIFICATION:

Ronald C. Mutter
 RONALD C. MUTTER

2/17/95
 DATE

RADAR SPEED SURVEY

STREET: ALABAMA ST.
 DIRECTION OF TRAVEL: S.
 DATE: 09/21/94
 WEATHER: CLEAR

LOCATION: 50' N. ORANGE TREE LN.
 EXISTING SPEED LIMIT: 30
 TIME START: 1520 TIME END: 1534
 ROAD CONDITION: DRY/GOOD OBSERVER: ANTHONY J. MACKESY

MPH	NUMBER OF VEHICLES	# OF VEHS	% OF TOTAL	% CUM
14	X	1	0.8	0.8
16	XX	2	1.6	2.5
18	XXXX	4	3.3	5.7
20	XXXXXX	6	4.9	10.7
22	XXXXXXXXXX	10	8.2	18.9
24	XXXXXXXXXXXXXXXXXX	15	12.3	31.1
26	XXXXXXXXXXXXXXXXXXXXXX	18	14.8	45.9
28	XXXXXXXXXXXXXXXXXXXXXXXXXX	21	17.2	63.1
30	XXXXXXXXXXXXXXXXXXXXXX	16	13.1	76.2
32	XXXXXXXXXX	10	8.2	84.4
34	XXXXXXXXXX	8	6.6	91.0
36	XXXX	4	3.3	94.3
38	XXX	3	2.5	96.7
40	XX	2	1.6	98.4
42	X	1	0.8	99.2
44	X	1	0.8	100.0

TOTAL NUMBER OF VEHS: 122
 CRITICAL SPEED (85%): 34 MPH
 PACE SPEED: 22 TO 32 MPH
 AVERAGE SPEED: 27 MPH
 MEDIAN SPEED: 29 MPH

CERTIFICATION:

RONALD C. MUTTER

DATE

2/17/95

REDLANDS POLICE DEPARTMENT MOTOR VEHICLE SPEED SURVEY

ROADWAY: ALABAMA ST LOCATION: 100' N. 1st St Plk Ave
 DATE OF SAMPLE: 9/21/94 START TIME: 3:37 ENDING TIME: 3:44
 ROAD CONDITION: DRY/GOOD WEATHER: clear OBSERVER: ASV

DIRECTION: S. Boro										OBSERVER: AJV									
MPH	5	10	15	20	25	30	35	NO. VEH.	DIRECTION: MPH	5	10	15	20	25	30	NO. VEH.			
10									10										
12									12										
14									14										
16									16										
18	XX								18										
20	XX							2	18										
22	XX							2	20										
24	XXXXXX							3	22										
26	XXXXXX	XXXXXX						11	24										
28	XXXXXX	XXXXXX	XXXXXX					17	24										
30	XXXXXX	XXXXXX	XXXXXX	XXXXXX				22	26										
32	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX			24	28										
34	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX			20	30										
36	XXXXXX	XXXX						11	32										
38	XXXX							B	34										
40								3	36										
42	X							0	38										
44								1	40										
46									42										
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62									58										
64									60										
66									62										
68									64										
70									66										
									68										
								124	70										

LEGEND

CRIT 34
AVE 29

LEGEND	
X= Pass Veh.	SB= Sch Bus
P= Pick-up	SV= Sch Van
V= Van	2= 2 Axle truck
M= Motorcycle	3= 3 Axle truck
B= Bus	4= 4 Axle truck

30mpL

SPEED SURVEY
WORKSHEET

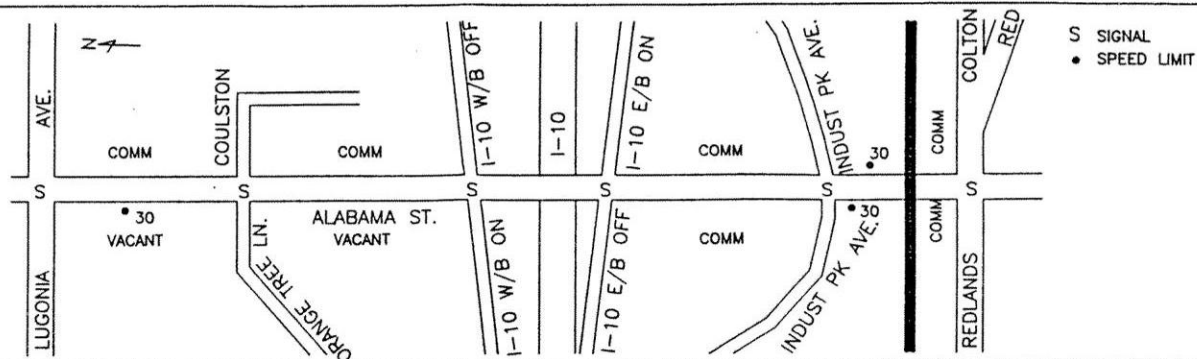
ALABAMA ST.

BETWEEN LUGONIA AVE.

AND REDLANDS BLVD.

DATE OF SURVEY 09/21/94

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

COMMERCIAL/ VACANT

FREEWAY

COMMERCIAL

73'

73'

2 LANES EACH DIRECTION- WITH LEFT TURN POCKETS • MAJOR INTERSECTIONS

DASH WHITE LANE SEP.S | DASH WHITE LANE SEP.S | PAINTED MEDIAN | DASH WHITE LANE SEPARATORS - DOUBLE YELLOW STRIPING

SIGNALS AT ALL INTERSECTIONS

34

34

26

22-32/ 27

24-34/ 29

18-28/ 22

30

30

30

ACCIDENT
LEGEND

PROP. DAMAGE ☒

INJURY ☑

FATAL ■

19_91

19_92

19_93