

RESOLUTION NO. 4748

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

Pursuant to studies made in accordance with Title 10 of the Redlands Municipal 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 Chapter 10.24 of the Redlands Municipal Code and Sections 22352(B)(1) and 22352(B)(2) of the California Vehicle Code 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.

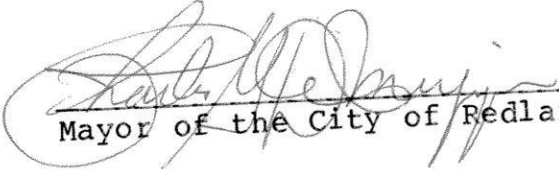
Highway: San Bernardino Avenue

Date of Study: January 15, 1991

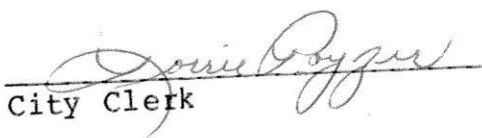
Speed Limits as Follows:

- 50 MPH between Texas Street and Tennessee Street.
- 40 MPH between Texas Street and Orange Street.
- 30 MPH between Orange Street and Hanford Way.
- 45 MPH between Hanford Way and Wabash Avenue.

ADOPTED, SIGNED AND APPROVED this 28th day of March, 1991.

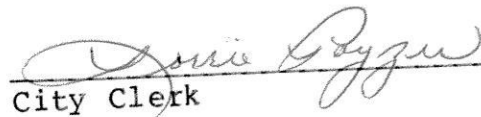

Mayor of the City of Redlands

ATTEST:


City Clerk

I, Lorrie Poyzer, City Clerk of the City of Redlands, hereby certify that the foregoing resolution was duly adopted by the City Council at a regular meeting thereof held on the 28th day of March, 1991, by the following vote:

AYES: Councilmebers Beswick, Cunningham, Larson, Mison;
Mayor DeMirjyn
NOES: None
ABSENT: None


City Clerk

ENGINEERING, TRAFFIC AND SPEED SURVEY

HIGHWAY UNDER SURVEY:

San Bernardino Avenue

AREA BETWEEN:

Tennessee St. and Wabash Ave.

DATE OF SURVEY:

January 15, 1991

FACTS AND RECOMMENDATION:

Based upon the facts accumulated in this study it is recommended that the speed limits be adopted for San Bernardino Avenue as follows:

1. 50 MPH for the area between Tennessee Street and Texas Street.
2. 40 MPH for the area between Texas Street and Orange Street.
3. 30 MPH for the area between Orange Street and Hanford Way.
4. 45 MPH for the area between Hanford Way and Wabash Avenue.

The area between Tennessee Street and Texas Street is currently posted as a 50 MPH zone. The area is largely orange groves with only two residences at the street. The observed critical speed was 46 MPH (DOWN from previous critical speed of 50 in 1986) and the pace speed was 38-48 MPH. The observed drop in the critical speed was noted largely to a heavy increase in semi-tractor trailer utilizing this portion of San Bernardino Ave. as a detour due to excessive construction on the west end of town. It is anticipated that this situation will be temporary. In that as soon as construction is completed in 1991-92 the truck traffic will be diverted and the critical speed will rise.

Taking the above facts into consideration a speed limit of 50 MPH would be appropriate to facilitate the orderly movement of traffic in a safe and reasonable manner.

The area between Texas Street and Orange Street is currently posted at 40 MPH. This does not meet the residence requirements for a prima facie limit although new streets and residences have been added since the last survey in 1986. The observed critical speed was 44 MPH with a pace speed of 34 to 44 MPH. The width of the roadway in this area is (from west to east) 36' to 63' to 38' to 63'.

Based on the above facts a speed limit of 40 MPH would facilitate the safe and orderly movement of traffic in a safe and reasonable manner.

The area between Orange Street and Church Street is currently posted 30 MPH. The area between Orange Street and Glover Street meets the requirements of California Vehicle Code section 22352(b)(1) (Residential - Business District). The area between Glover Street and Church Street has a school, Clement Junior High, and year-around ballfield, Community Ballfield, on the south side of the street and four residential cul-de-sacs on the north side of the street. This area meets the requirements for California Vehicle Code section 22352(b)(2), (School zone).

The area at the school is posted for 25 MPH while children are present. The observed critical pace was 34 MPH and the pace speed was 26 to 36 MPH. The area between Church Street and Occidental Drive is currently posted for 30 MPH. During the past 5 years, the area has experienced a heavy increase of residential structures and the addition of several streets intersecting San Bernardino Avenue along with the corresponding rise in vehicular and pedestrian traffic. This portion of roadway is bordered by unimproved shoulders, excluding sidewalks, which force the pedestrian traffic to walk on the roadway. The observed critical pace was 36 MPH and the pace speed as 26-36 MPH.

Based on the above fact and taken into consideration the increase in residential building in the area it is recommended that the 30 MPH zone be extended from Occidental Drive to Hanford Street. A speed unit of 30 MPH would be appropriate to facilitate the orderly movement of traffic in a safe and reasonable manner.

The area between Hanford Way and Wabash Avenue is largely orange groves with few residences. This area has a dirt shoulder and a narrow roadway (19' and 23'). The critical speed was 44 MPH and the pace speed was 36 to 46 MPH. This area has experienced a low accident rate during the past 5 years. This area is currently posted for 45 MPH.

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.

It is recommended that the roadway be posted as follows:

- I. For eastbound traffic
 - a) 50 MPH speed limit sign east of Tennessee Street
 - b) 40 MPH speed limit sign east of Texas Street (currently posted)
 - c) 30 MPH speed limit sign east of Orange Street (currently posted)
 - d) 30 MPH speed limit sign east of Church Street
 - e) 45 MPH speed limit sign east of Hanford Way
 - f) 45 MPH speed limit sign east of Judson Street

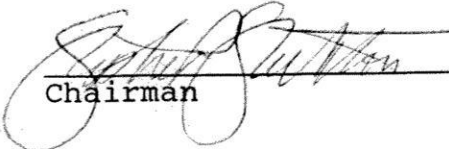
II. For westbound traffic

- a) 40 MPH speed limit sign west of Wabash Avenue
- b) 40 MPH speed limit sign west of Judson Street
- c) 30 MPH speed limit sign west of Hanford Way
- d) 30 MPH speed limit sign west of Church Street (currently posted)
- e) 40 MPH speed limit sign west of Orange Street
- f) 50 MPH speed limit sign west of Texas Street



Lt. J.R. Bueermann
Redlands Police Department

Reviewed by the Redlands
Traffic Commission



Chairman

2-28-91
Date

RADAR SPEED SURVEY

STREET: SAN BERNARDINO AVE.
DIRECTION OF TRAVEL: E/W
DATE: 01/14/91
WEATHER: CLEAR

LOCATION: E/OF TENNESSEE ST.
EXISTING SPEED LIMIT: 50
TIME START: 1430
ROAD CONDITION: DRY

TIME END: 1512
OBSERVER: OFF. CULLEN

MPH	NUMBER OF VEHICLES	# OF VEHS	% OF TOTAL	% CUM
32	XXXX	4	3.9	3.9
34	XXXXXXX	7	6.9	10.8
36	XXX	3	2.9	13.7
38	XXXXXXXXXX	10	9.8	23.5
40	XXXXXXXXXXXXXXXXXX	15	14.7	38.2
42	XXXXXXXXXXXXXXXXXXXXXXXXXX	24	23.5	61.8
44	XXXXXXXXXXXXXXXXXX	15	14.7	76.5
46	XXXXXXXXXXXXXXXXXX	15	14.7	91.2
48	XXXXX	5	4.9	96.1
50	X	1	1.0	97.1
52	XX	2	2.0	99.0
54		0	0.0	99.0
56	X	1	1.0	100.0

TOTAL NUMBER OF VEHS: 102
CRITICAL SPEED (85%): 46 MPH
PACE SPEED: 38 TO 48 MPH
AVERAGE SPEED: 41 MPH
MEDIAN SPEED: 44 MPH

CERTIFICATION:

LT. BUEERMANN

1-24-91
DATE

RADAR SPEED SURVEY

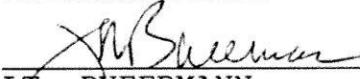
STREET: SAN BERNARDINO AVE.
 DIRECTION OF TRAVEL: E/W
 DATE: 01/14/91
 WEATHER: CLEAR

LOCATION: W/OF OHIO ST.
 EXISTING SPEED LIMIT: 40
 TIME START: 1515
 ROAD CONDITION: DRY
 TIME END: 1545
 OBSERVER: OFF. CULLEN

MPH	NUMBER OF VEHICLES	# OF VEHS	% OF TOTAL	% CUM
20	X	1	0.9	0.9
22		0	0.0	0.9
24	XX	2	1.8	2.7
26	XX	2	1.8	4.4
28	XX	2	1.8	6.2
30	X	1	0.9	7.1
32	XXXXXX	6	5.3	12.4
34	XXXXXXXXXXXXXXXXXXXXXXXXXX	23	20.4	32.7
36	XXXXXXXXXXXXXXXXXXXX	15	13.3	46.0
38	XXXXXXXXXXXXXXXXXXXX	16	14.2	60.2
40	XXXXXXXXXXXXXXXXXXXX	19	16.8	77.0
42	XXXXXX	6	5.3	82.3
44	XXXXXXXXXXXX	13	11.5	93.8
46	XXXXXX	6	5.3	99.1
48	X	1	0.9	100.0

TOTAL NUMBER OF VEHS: 113
 CRITICAL SPEED (85%): 44 MPH
 PACE SPEED: 34 TO 44 MPH
 AVERAGE SPEED: 37 MPH
 MEDIAN SPEED: 34 MPH

CERTIFICATION:


 LT. BUEERMANN

1-24-91
 DATE

RADAR SPEED SURVEY

STREET: SAN BERNARDINO AVE. LOCATION: W/OF GLOVER
DIRECTION OF TRAVEL: E/W EXISTING SPEED LIMIT: 30
DATE: 01/14/91 TIME START: 1346 TIME END: 1403
WEATHER: CLEAR ROAD CONDITION: DRY OBSERVER: OFF. CULLEN

MPH	NUMBER OF VEHICLES	# OF VEHS	% OF TOTAL	% CUM
22	X	1	1.0	1.0
24	XXXX	4	3.9	4.9
26	XXXXXXXXXXXXXXXXXXXX	17	16.7	21.6
28	XXXXXXXXXXXX	12	11.8	33.3
30	XXXXXXXXXXXXXXXX	15	14.7	48.0
32	XXXXXXXXXXXXXXXXXXXXXXXXXXXX	27	26.5	74.5
34	XXXXXXXXXXXXXXXX	15	14.7	89.2
36	XXXXXX	6	5.9	95.1
38	XXX	3	2.9	98.0
40		0	0.0	98.0
42		0	0.0	98.0
44		0	0.0	98.0
46	X	1	1.0	99.0
48	X	1	1.0	100.0

TOTAL NUMBER OF VEHS: 102
CRITICAL SPEED (85%): 34 MPH
PACE SPEED: 26 TO 36 MPH
AVERAGE SPEED: 30 MPH
MEDIAN SPEED: 35 MPH

CERTIFICATION:


LT. BUEERMANN

1-24-91
DATE

RADAR SPEED SURVEY

STREET: SAN BERNARDINO AVE. LOCATION: E/ROBYN
DIRECTION OF TRAVEL: E/W EXISTING SPEED LIMIT: 30
DATE: 01/15/91 TIME START: 0930 TIME END: 0957
WEATHER: CLEAR ROAD CONDITION: DRY OBSERVER: OFF. CULLEN

MPH	NUMBER OF VEHICLES	# OF VEHS	% OF TOTAL	% CUM
22	XXX	3	2.8	2.8
24	XXXXXX	6	5.6	8.4
26	XXXXXXXXXXXXXXXXXX	16	15.0	23.4
28	XXXXXXXXXXXXXXXXXX	15	14.0	37.4
30	XXXXXXXXXXXXXXXXXXXX	21	19.6	57.0
32	XXXXXXXXXXXXXXXXXX	16	15.0	72.0
34	XXXXXXXXXXXX	11	10.3	82.2
36	XXXXXXX	8	7.5	89.7
38	XXXX	4	3.7	93.5
40	XX	2	1.9	95.3
42	XX	2	1.9	97.2
44	XXX	3	2.8	100.0

TOTAL NUMBER OF VEHS: 107
CRITICAL SPEED (85%): 36 MPH
PACE SPEED: 26 TO 36 MPH
AVERAGE SPEED: 30 MPH
MEDIAN SPEED: 33 MPH

CERTIFICATION:

JM Sheerman
LT. BUEERMANN

1-24-91
DATE

RADAR SPEED SURVEY

STREET: SAN BERNARDINO AVE. LOCATION: E/OF HANFORD ST.
 DIRECTION OF TRAVEL: E/W EXISTING SPEED LIMIT: 45
 DATE: 01/14/91 TIME START: 1015 TIME END: 1115
 WEATHER: CLEAR ROAD CONDITION: DRY OBSERVER: OFF. CULLEN

MPH	NUMBER OF VEHICLES	# OF VEHS	% OF TOTAL	% CUM
28	XXXXXXX	7	13.5	13.5
30	XXXXXXXXXXXXX	12	23.1	36.5
32	XXXXXXXXXXXXX	10	19.2	55.8
34	XXXXXXXXXXXXX	9	17.3	73.1
36	XXXX	4	7.7	80.8
38	XXX	3	5.8	86.5
40	XXX	3	5.8	92.3
42	X	1	1.9	94.2
44	XX	2	3.8	98.1
46	X	1	1.9	100.0

TOTAL NUMBER OF VEHS: 52
 CRITICAL SPEED (85%): 38 MPH
 PACE SPEED: 28 TO 38 MPH
 AVERAGE SPEED: 33 MPH
 MEDIAN SPEED: 37 MPH

CERTIFICATION:


 LT. BUEERMANN

1-24-91
 DATE

RADAR SPEED SURVEY

STREET: SAN BERNARDINO AVE.

DIRECTION OF TRAVEL: E/W

DATE: 01/14/91

WEATHER: CLEAR

LOCATION: BTWN. JUDSON ST. AND WABASH AV

EXISTING SPEED LIMIT: 40

TIME START: 0800

TIME END: 0900

ROAD CONDITION: DRY

OBSERVER: OFF. CULLEN

MPH	NUMBER OF VEHICLES	# OF VEHS	% OF TOTAL	% CUM
30	X	1	0.9	0.9
32	XXXX	4	3.5	4.4
34	XXXXXXX	7	6.1	10.5
36	XXXXXXXXXXXXXXXXXX	15	13.2	23.7
38	XXXXXXXXXXXXXXXXXX	17	14.9	38.6
40	XXXXXXXXXXXXXXXXXX	19	16.7	55.3
42	XXXXXXXXXX	10	8.8	64.0
44	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	33	28.9	93.0
46	XXX	3	2.6	95.6
48	XX	2	1.8	97.4
50	X	1	0.9	98.2
52	X	1	0.9	99.1
54	X	1	0.9	100.0

TOTAL NUMBER OF VEHS: 114

CRITICAL SPEED (85%): 44 MPH

PACE SPEED: 36 TO 46 MPH

AVERAGE SPEED: 40 MPH

MEDIAN SPEED: 42 MPH

CERTIFICATION:

J. M. Buermann
LT. BUEERMANN

1-24-91

DATE

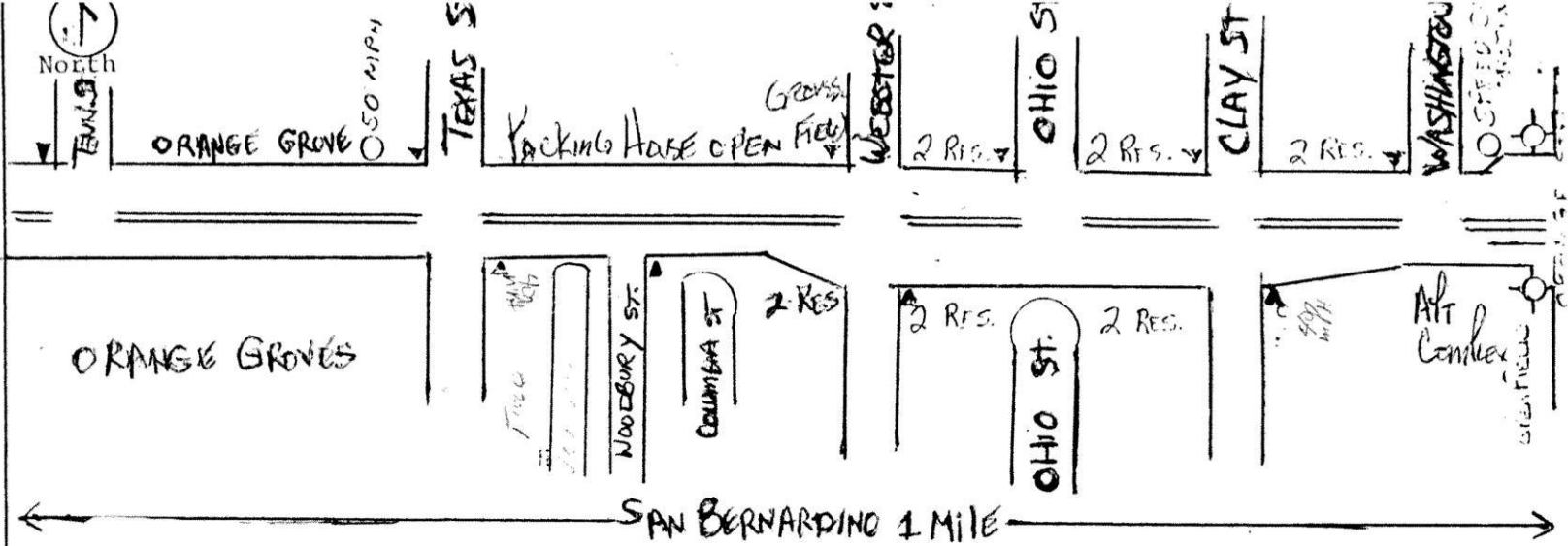
PEED SURVEY
ORKSHEET #

AN BERNARDINO
HIGHWAY NAME AVG.

ETWEEN TENNESSEE
ND ORANGE ST.

ATE OF SURVEY 07-14-91

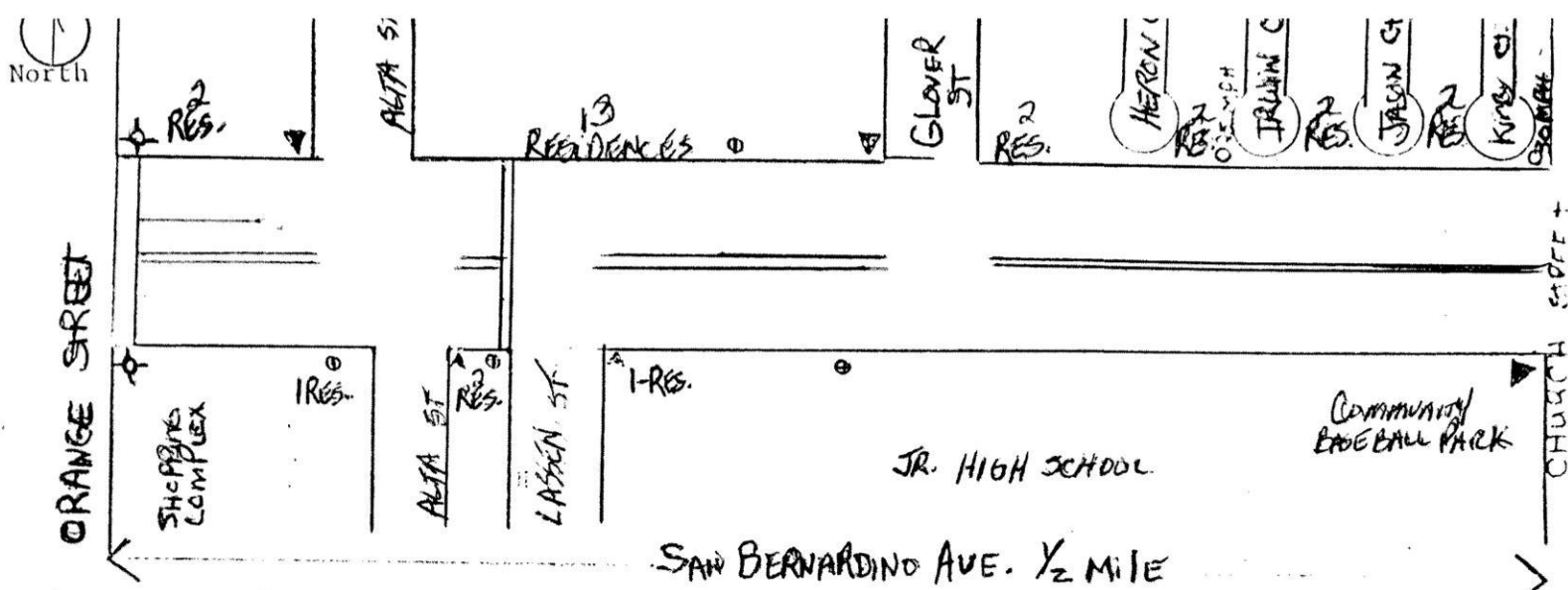
ILE NUMBER



DEVELOPMENT	ORANGE GROVES, BUSINESS, OPEN FIELDS & RESIDENCE			
ROADWAY WIDTH	38'	58'	63'	38' 63'
NO. OF STRIPED LANES	TWO LANES SOLID YELLOW LINES / TWO LANES SOLID DOUBLE YELLOW LINES.			
TYPE OF DIVISION STRIP				
TRAFFIC SIGNAL DATA				
AVERAGE DAILY TRAFFIC				
OBSERVED SPEED - CRITICAL	46 MPH.			
OBSERVED SPEED - PACE	38 TO 48 MPH.			
EXISTING SIGNED ZONE	50 MPH			
PROPOSED SPEED LIMIT	NO CHANGE			

ACCIDENT LEGEND	19 <u>88</u>				
P. DAM. ONLY ☒	19 <u>89</u>				
-FATAL ☒					
AL ☒	19 <u>90</u>				

FILE NUMBER



DEVELOPMENT	RESIDENCE, SCHOOL, PARK, AND BALL FIELDS
ROADWAY WIDTH	63' 62'
N. OF STRIPED LANES	TWO LANES SOLID
TYPE OF DIVISION STRIP	
TRAFFIC SIGNAL DATA	STATE TRAFFIC SIGNAL
AVERAGE DAILY TRAFFIC	
OBSERVED SPEED - CRITICAL	34 MPH
OBSERVED SPEED - PACE	26 to 36 MPH
EXISTING SIGNED ZONE	11' 30 MPH
PROPOSED SPEED LIMIT	(ZONED 25 MPH FOR SCHOOL ZONE) 30 MPH

ACCIDENT LEGEND		1988																							
P. DAM. ONLY		1989																							
-FATAL		1990																							
AL																									

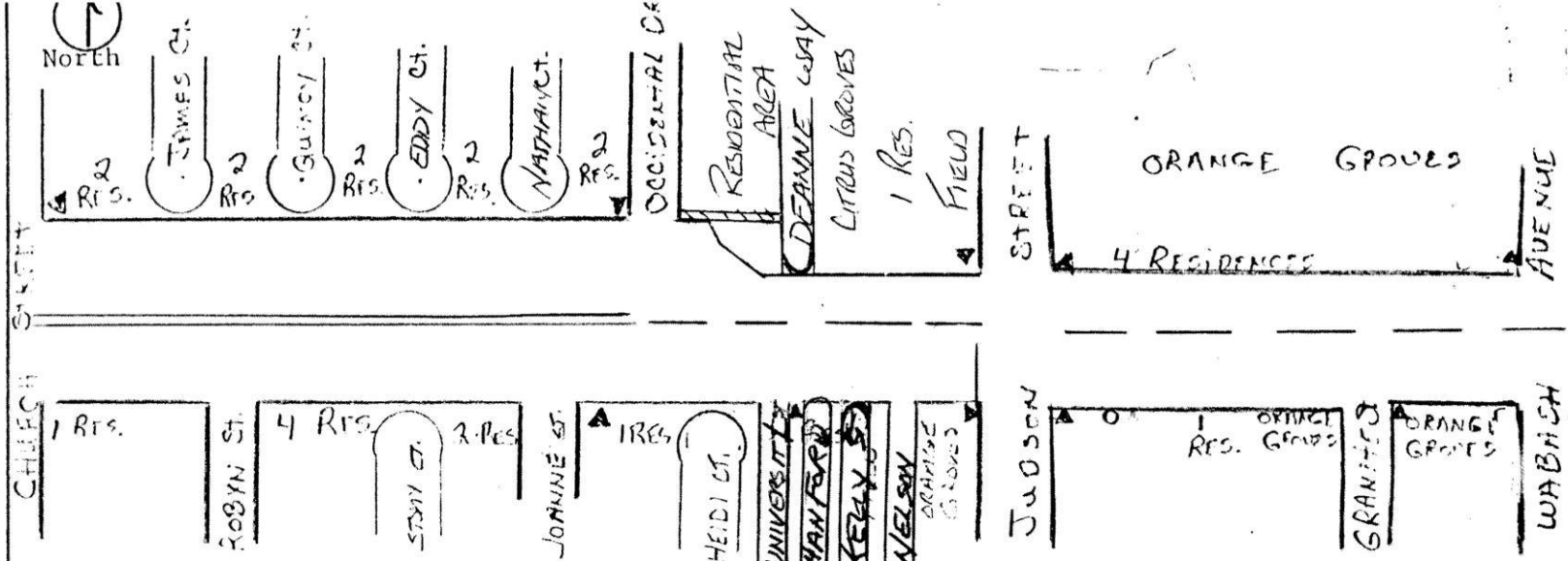
PEED SURVEY
RKSHET #

AN BERNARDINO
HIGHWAY NAME AVE.

BETWEEN CHURCH ST.
ID WABASH AVE.

ATE OF SURVEY 01-14-91

ILE NUMBER



VELOPMENT	RESIDENCE AND ORANGE GROVES		
ADWAY WIDTH	6.3'	19'	23'
. OF STRIPED LANES	TWO LANES NO CENTER LINE'S		
PE OF DIVISION STRIP	SOLID DOUBLE YELLOW		
FFIC SIGNAL DATA	STOP SIGNS		
VERAGE DAILY TRAFFIC			
SERVED SPEED - CRITICAL	36 MPH		
SERVED SPEED - PACE	26 TO 36 MPH		
ISTING SIGNED ZONE	30 MPH		
ROPOSED SPEED LIMIT	EXTEND 30 ZONE EASTWARD		

ACCIDENT LEGEND	19 88	X				X		X		X		X		X
P. DAM. ONLY ☒	19 89													
-FATAL ☒														
AL ☒	19 90	X						X						

APRIL 29, 1991

MINUTES OF THE BOARD OF SUPERVISORS
OF SAN BERNARDINO COUNTY, CALIFORNIA

RESOLUTION NO. 91-148

On Motion of Supervisor Hammock, duly seconded by Supervisor Riordan, and carried, the following resolution is adopted: Res. No. 91-148

Due to conditions affecting the welfare of the public utilizing various streets in the Redlands area, the Board hereby finds and determines that traffic conditions require that speed zones should be established, and the Director of Transportation and Flood Control of the County of San Bernardino is hereby directed to perform such acts that are necessary to accomplish the following:

Pursuant to County Code Section 52.0123(b):

- Res. 91-148
- (1) Establish a 50 mph speed zone on Alabama Street (108550), from Lugonia Avenue (Redlands City limits) north to 700 feet north of San Bernardino Avenue, in the vicinity of Redlands.
 - ✓ (2) Establish a 50 mph speed zone on San Bernardino Avenue (725550), from 1,700 feet west of Alabama Street east to State Route 30 (Redlands City limits), except those portions within the Redlands City limits, in the vicinity of Redlands.

Pursuant to County Code Section 52.0123(b)(1):

- (1) Rescind Paragraph 1 of Board Resolution dated November 6, 1972, pursuant to Section 52.0123(b) of the County Code: To establish a 50 mph speed zone on Alabama Street (108550) from State Highway 10 north to the Redlands City limits, except those portions lying within the City of Redlands, in the vicinity of Redlands.

* * * * *

STATE OF CALIFORNIA
COUNTY OF SAN BERNARDINO

SS.

I, EARLENE SPROAT, Clerk of the Board of Supervisors of the County of San Bernardino, State of California, hereby certify the foregoing to be a full, true and correct copy of the record of the action taken by said Board of Supervisors, by vote of the members present, as the same appears in the Official Minutes of said Board at its meeting of April 29, 1991.

EARLENE SPROAT
Clerk of the Board

By Uada Saiche
Deputy

**MINUTES OF THE BOARD OF SUPERVISORS
OF SAN BERNARDINO COUNTY, CALIFORNIA**

Transp./Res.
Inc. Cities/Redlands
Alabama St.
San Bernardino St.

April 29, 1990

FROM: **KEN A. MILLER, Director**
Transportation/Flood Control

XC: Councilmembers,
City Engineer,
Scott Smith, P.D.

SUBJECT: **SPEED ZONES - Redlands Area**

RECOMMENDATION: Adopt resolution establishing various speed zones on various streets in the vicinity of Redlands.

BACKGROUND: The County of San Bernardino and the City of Redlands are jointly updating speed zones on joint jurisdiction roads. Alabama Street and San Bernardino Avenue, have been studied by staff and meet the provisions of the California Vehicle Code and the County Code.

REASON FOR RECOMMENDATION: Board approval is required to establish or change a speed zone on roads maintained by the County.

REVIEW BY OTHERS: This item was reviewed by Deputy County Counsel Charles S. Scolastico and Third District Supervisorial staff on April 12, 1991.

FINANCIAL DATA: The Transportation Department will incur a cost of \$600.00 to upgrade signing as indicated in the Resolution, and minor administrative costs to update the Transportation Department records.

PRESENTER: Ken A. Miller

cc w/Res.:

Transportation
Transportation/Traffic
City of Redlands —
Surveyor
Planning
Building & Safety
Auditor
PWG
File

Action of the Board of Supervisors
RESOLUTION NO. 91-148

APPROVED BOARD OF SUPERVISORS
COUNTY OF SAN BERNARDINO

MOTION	AYE	AYE	SECOND	AYE	MOTION
	1	2	3	4	5

HARVENE SPROAT, CLERK OF THE BOARD

BY

DATED: APR 29 1991