

RESOLUTION NO. 5883

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 (Engineering, Traffic and Speed Survey and Speed Survey Data sheets), attached hereto as Exhibit "A," and made a part thereof, has been conducted for the following highway and the following speed limits are hereby found most appropriate to facilitate the orderly movement of traffic and are reasonable and safe:

Highway: Central Avenue

Date of Study: March 19, 2001

Speed Limits as follows:

30 m.p.h. between University Street and Judson Street.

ADOPTED, SIGNED AND APPROVED THIS 15TH DAY OF MAY, 2001.



Mayor

ATTEST:


Deputy City Clerk

EXHIBIT "A"

ENGINEERING, TRAFFIC AND SPEED SURVEY

HIGHWAY UNDER SURVEY: CENTRAL AVENUE
AREA OF: BETWEEN UNIVERSITY STREET AND JUDSON STREET
DATE OF SURVEY: MARCH 20, 2001

RECOMMENDATIONS:

Based on the facts of this survey it is recommended that Central Avenue between University Street and Judson Street be posted as a 30 m.p.h. zone.

In the area between University Street and Judson Street, two speed surveys were conducted. The results are as follows:

Between Judson Street and Grove Street -

At Central Avenue	Critical Speed -	33.5 m.p.h.
	Average Speed -	28.7 m.p.h.
	Pace Speed -	24.33 m.p.h.

Between Grove Street and University Street -

At Central Avenue	Critical Speed -	33.8 m.p.h.
	Average Speed -	28.2 m.p.h.
	Pace Speed -	25-34 m.p.h.

The Traffic and Parking Commission requested a speed survey be conducted along with speed enforcement by the Redlands Police Department on Central Avenue at Cook Street due to requests from local residents for a four-way stop sign installation. Currently, the intersection has stop signs posted on Cook Street for north and southbound traffic. This section of Central Avenue has not had a speed survey conducted before therefore, currently, the prima facie speed limit is 25 m.p.h.

This section of Central Avenue is located within a single and multi-family residential area.

Based on the speed survey on Central Avenue between University Street and Judson Street which indicated a critical speed of 33.5 m.p.h., we recommend that the speed zone for Central Avenue between University Street and Judson Street be established as a 30 m.p.h. speed zone.

It is recommended that Central Avenue be posted as follows:

1. Post 30 m.p.h. sign for eastbound traffic:
 - A. Just east of University Street
 - B. Just west of Grove Street

2. Post 30 m.p.h. sign for westbound traffic:
 - A. Just west of Judson Street
 - B. Just east of Cook Street

Prepared by:



TOM T. FUJIWARA
Assistant Public Works Director

Reviewed by Traffic and Parking Commission



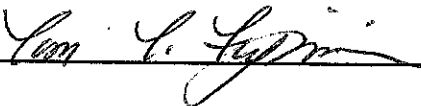
Signature

MAY 02, 2001
Date

**City of Redlands
Engineering and Traffic Survey
Summary**

Street: CENTRAL AVENUE
Limits: JUDSON STREET
GROVE STREET

Field Observer AJM
Checked By:
Date: 03/20/2001

Factors	Direction: <u>East/West</u>
<u>A. Prevailing Speed Data</u>	
Location of Survey	@ KAYE CT.
85th Percentile	33.3
10 mph Pace	24 - 33
Percent in Pace	71.7%
Posted Speed Limit	
<u>B. Collision History</u>	
Date Range Covered	01/01/1997 To 01/01/2001 ()
Total Collisions	4
Collision Rate (Acc/MVM)	13.14
Expected Collision Rate	
<u>C. Traffic Factors</u>	
Average Daily Traffic	1500
Length of Segment	1253
Lane Configuration	Single Lane Each Direction
Street Classification	Local
<u>D. Conditions Not Readily Apparent</u>	
Conditions	
Roadway Geometrics	
Comments	
<u>E. Adjacent Land Use</u> Multi Family Residential	
Posted Speed Limit	
Speed Limit Change?	
Revised Speed Limit	
Approved and Authorized for release by City of Redlands Public Works Department:	
 _____ <u>5/01/00</u> Date Loc. #	

**City of Redlands
Engineering and Traffic Survey
Summary**

Street: CENTRAL AVENUE

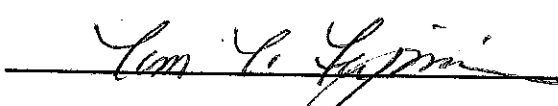
Limits: GROVE STREET

ROUTE 10 WB ONRAMP-UNIVERSITY STREET

Field Observer AJM

Checked By:

Date: 03/19/2001

Factors	Direction: <u>East/West</u>
<u>A. Prevailing Speed Data</u>	
Location of Survey	@ Cook St.
85th Percentile	33.8
10 mph Pace	25 - 34
Percent in Pace	69.0%
Posted Speed Limit	
<u>B. Collision History</u>	
Date Range Covered	01/01/1997 To 01/01/2000 ()
Total Collisions	9
Collision Rate (Acc/MVM)	15.06
Expected Collision Rate	
<u>C. Traffic Factors</u>	
Average Daily Traffic	1500
Length of Segment	1919
Lane Configuration	
Street Classification	Local
<u>D. Conditions Not Readily Apparent</u>	
Conditions	
Roadway Geometrics	
Comments	
<u>E. Adjacent Land Use</u>	
	Multi Family Residential
Posted Speed Limit	
Speed Limit Change?	
Revised Speed Limit	
Approved and Authorized for release by City of Redlands Public Works Department:	
 _____ <u>5/01/01</u> Date Loc. #	

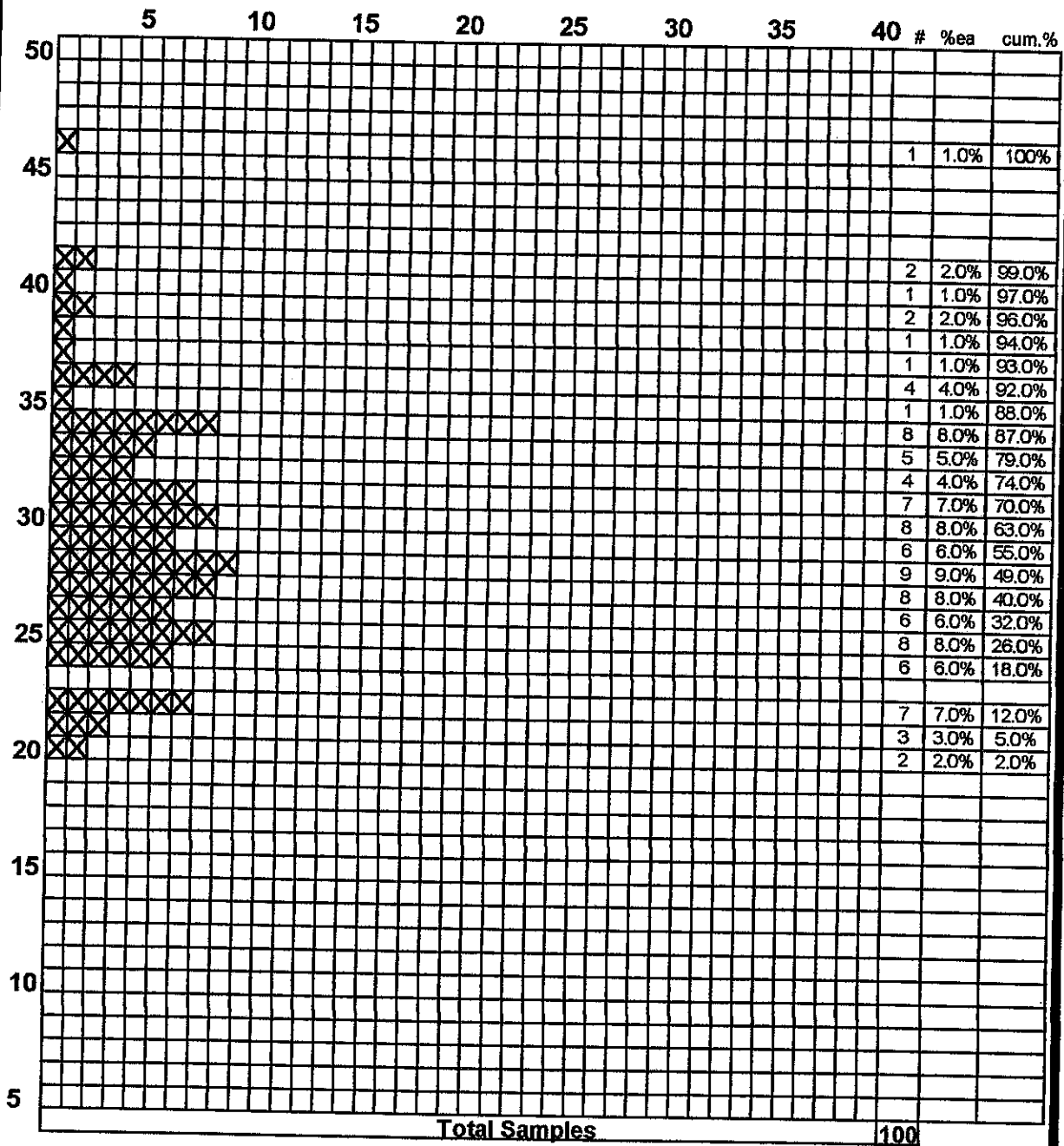
**City of Redlands
Traffic Engineering Department**

Street Name: CENTRAL AVENUE

Limits: GROVE STREET to ROUTE 10 WB ONRAMP-UNIVERSITY STREET

Radar Survey Sheet

X=East/West



85th Percentile Speed: 33.8
 50th Percentile Speed: 28.2
 15th Percentile Speed: 23.0
 10 MPH Pace: 25-34
 Number in Pace: 69
 Percent in Pace: 69.0%

Date of Survey: 03/19/2001
 Weather: clear
 Road Condition: good
 Street Class.: Local
 Conditions not
 Apparent:

Start Time: 10:30
 End Time: 11:45
 Posted Speed:
 Observer: AJM