#### **RESOLUTION NO. 5899**

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:

Palo Alto Drive

Date of Study:

November 12, 1990

Speed Limits as follows:

30 m.p.h. between Mirasol Drive and Sunset Drive.

ADOPTED, SIGNED AND APPROVED THIS 5TH DAY OF JUNE, 2001.

Mayor

at Silheath

ATTEST:

City Clerk

#### EXHIBIT "A"

#### ENGINEERING, TRAFFIC AND SPEED SURVEY

HIGHWAY UNDER SURVEY: Palo

Palo Alto Drive

AREA OF:

Between Mirasol Drive and Sunset Drive

DATE OF SURVEY:

November 12, 1990

#### RECOMMENDATIONS:

The last ball bank indicator test conducted on this section of Palo Alto Drive was on November 12, 1990. Since the survey, the street segment has not undergone any significant changes in geometry or surface condition. For this reason, the ball bank indicator test data of November 12, 1990 is still acceptable.

In the area between Mirasol Drive and Sunset Drive, ball bank indicator tests were run on Palo Alto Drive.

Following is a list of the safe speeds determined for each curve:

Curve	East	West
#1	30 m.p.h.	27 m.p.h.
#2	34 m.p.h.	33 m.p.h.
#3	30 m.p.h.	30 m.p.h.
#4	33 m.p.h.	33 m.p.h.

Please refer to the attached map for the location of each curve. Based upon these readings it is recommended the street be posted for 30 m.p.h.

Based on the facts of this survey it is recommended that Palo Alto Drive between Mirasol Drive and Sunset Drive be posted as a 30 m.p.h. zone.

Engineering, Traffic and Speed Survey Commission Meeting of 05/24/01 Page 2

Prepared by:

TOM T. FUJIWARA

Assistant Public Works Director

Reviewed by Traffic and Parking Commission:

Signature

5/24/01 Date

Figure 4-2

Driver	J. Cyllen
Observer_	P. Laanine
Vehicle	402
Date	11/12/90
Weather	Clear

Co. \_\_\_\_ Palo Alto Dr.

Sta. Susset To Mirasol Direction\_\_\_\_E

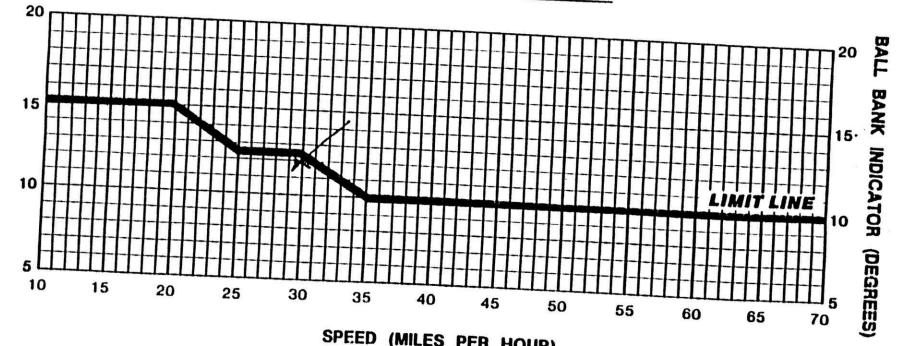
Curve #1

Type of Pavement: Cond. of Pavement:\_ Good

Min. Sight Dist. thru Curve: \_\_\_\_

Approach Speed

(Estimated or Observed):\_

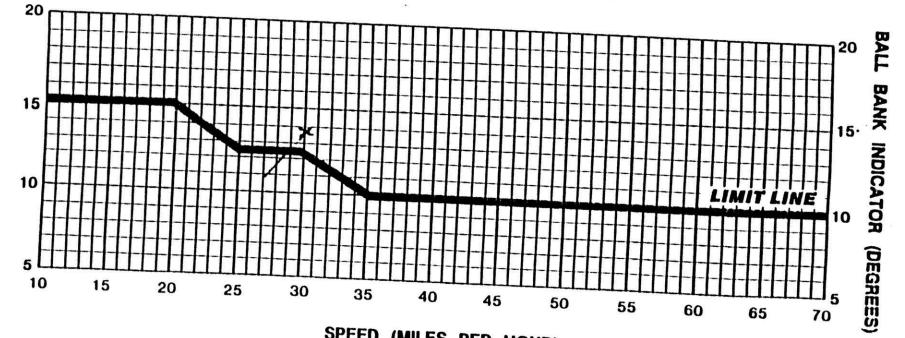


SPEED (MILES PER HOUR)

Figure 4-2 DETERMINATION OF COMFORTABLE SPEED FROM

Driver J. Culter	BALL BANK INDICATOR READINGS	
Observer P. Laaniner		Co Palo Alfo Dr.
Vehicle		Sta. Sunset To Miras . 1
Date		Direction W
	Type of Pavement: AC	
	Cond. of Pavement:Good	Curve #1
ä	Min. Sight Dist. thru Curve:	





SPEED (MILES PER HOUR)

Figure 4-2

DETERMINATION OF COMFORTABLE SPEED FR BALL BANK INDICATOR READINGS	ОМ

Vehicle \_ Date\_\_ Weather\_ Palo Al-6 Dr Co. \_\_\_\_ Rte. \_\_\_ PM.

Sta. Sunset To Mirasol

Direction\_ E

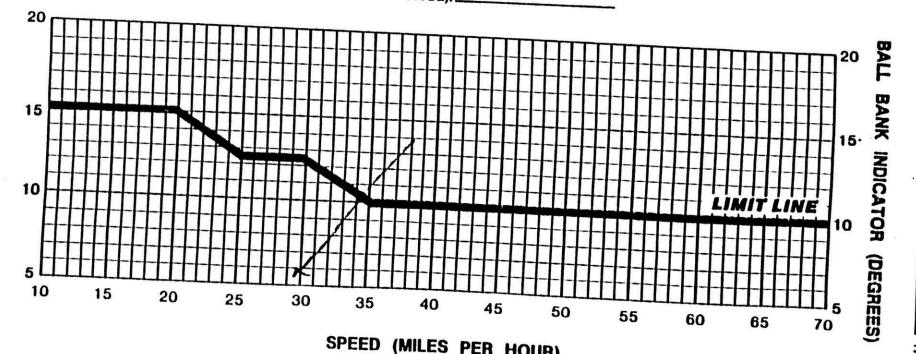
Type of Pavement: AC

Cond. of Pavement: Good Cond. of Pavement:\_\_\_\_

Curve # 2

Min. Sight Dist. thru Curve: \_\_\_\_\_ **Approach Speed** 

(Estimated or Observed):\_



SPEED (MILES PER HOUR)

Figure 4-2

Driver	J. Gillen
Observer	P. Laaniner
Vehicle _	402
Date	11/12/10
Weather.	Clear

Sta. Sunset To Mirasel Direction\_ W

Type of Pavement: Cond. of Pavement: \_\_\_\_ Good

Curve # 2

Min. Sight Dist. thru Curve: \_\_\_\_\_

**Approach Speed** (Estimated or Observed):\_

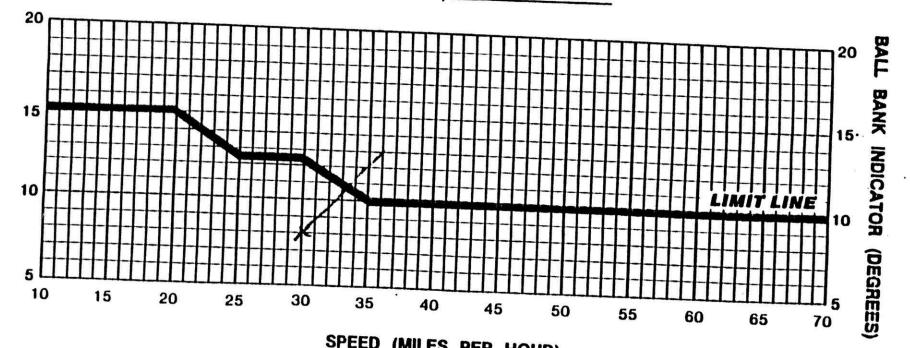


Figure 4-2

. Laaninen Observer 402 Vehicle Date\_ Weather\_

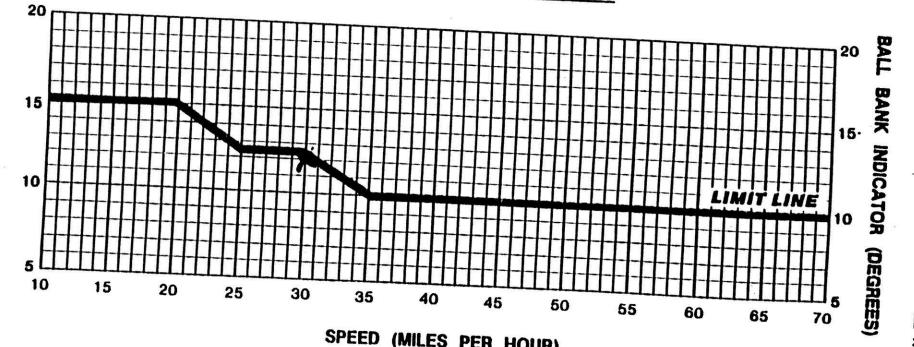
Palo Alto A. Sta. Sunset To Mirasel Direction\_\_\_

Type of Pavement: \_\_ Cond. of Pavement: \_\_\_\_ Good

Min. Sight Dist. thru Curve: \_\_\_\_\_ Approach Speed

Curve #3

(Estimated or Observed):\_



SPEED (MILES PER HOUR)

Figure 4-2

Observer P. Laaniner
Vehicle 462
Date 11/12/40
Weather Clean

K INDICATOR READINGS

Co. \_\_\_\_ Rie. \_\_\_ PM\_\_\_\_

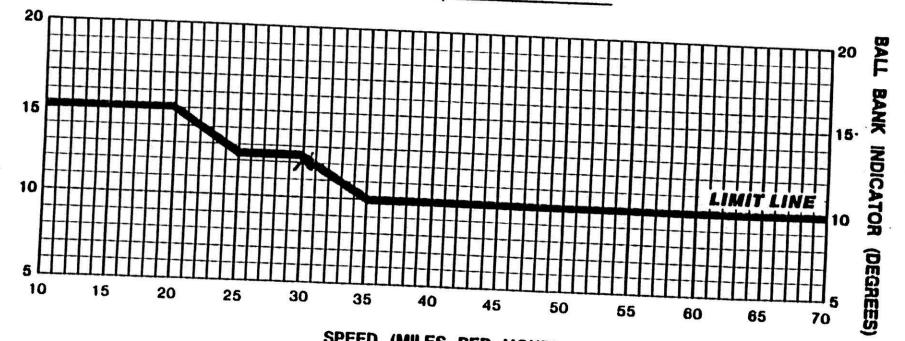
Sta. Sunset To Hirasol
Direction W

Type of Pavement: AC

Cond. of Pavement: Gook

Curve # 3

Min. Sight Dist. thru Curve: \_\_\_\_\_ Approach Speed (Estimated or Observed):\_\_\_\_



SPEED (MILES PER HOUR)

Figure 4-2 DETERMINATION OF COMFORTABLE SPEED FROM

Driver J. Culles	BALL BANK INDICATOR PERSON	FPOM
	BALL BANK INDICATOR READINGS	
Observer P. Laaninein Vehicle 402		Co. Pulo Alto Dr.
		nie PM
Wast		Sta. Sunset To Mirasol
weather Clear		Direction_ E
	Type of Pavement:AC	
	Cond. of Pavement: Good	
	Min. Sight Dist. thru Curve:	Curve # 4
¥	Approach 2	
AT	Approach Speed (Estimated or Observed):	
20	( Conserved):	

