

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:

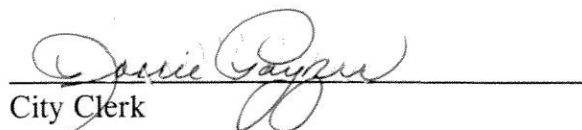
30 m.p.h. between Mirasol Drive and Sunset Drive.

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



Mayor

ATTEST:

  
City Clerk

## EXHIBIT "A"

### ENGINEERING, TRAFFIC AND SPEED SURVEY

**HIGHWAY UNDER SURVEY:** 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.

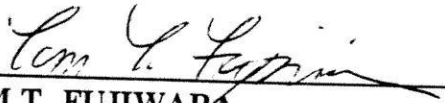
Following is a list of the safe speeds determined for each curve:

| <u>Curve</u> | <u>East</u> | <u>West</u> |
|--------------|-------------|-------------|
| #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.

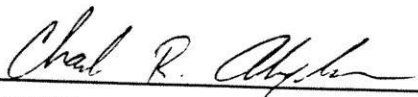
Based on the facts of this survey it is recommended that Palo Alto Drive between Mirasol Drive and Sunset Drive be posted as a 30 m.p.h. zone.

Prepared by:



**TOM T. FUJIWARA**  
Assistant Public Works Director

Reviewed by Traffic and Parking Commission:



Signature

5/24/01  
Date

Figure 4-2

# DETERMINATION OF COMFORTABLE SPEED FROM BALL BANK INDICATOR READINGS

Driver J. Cullen  
 Observer P. Laaninen  
 Vehicle 402  
 Date 11/12/90  
 Weather Clear

Co. Palo Alto Dr. Rte.        PM         
 Sta. Sunset To Mirasol  
 Direction E

Type of Pavement: AC  
 Cond. of Pavement: Good  
 Min. Sight Dist. thru Curve:         
 Approach Speed  
 (Estimated or Observed):       

*Curve #1*

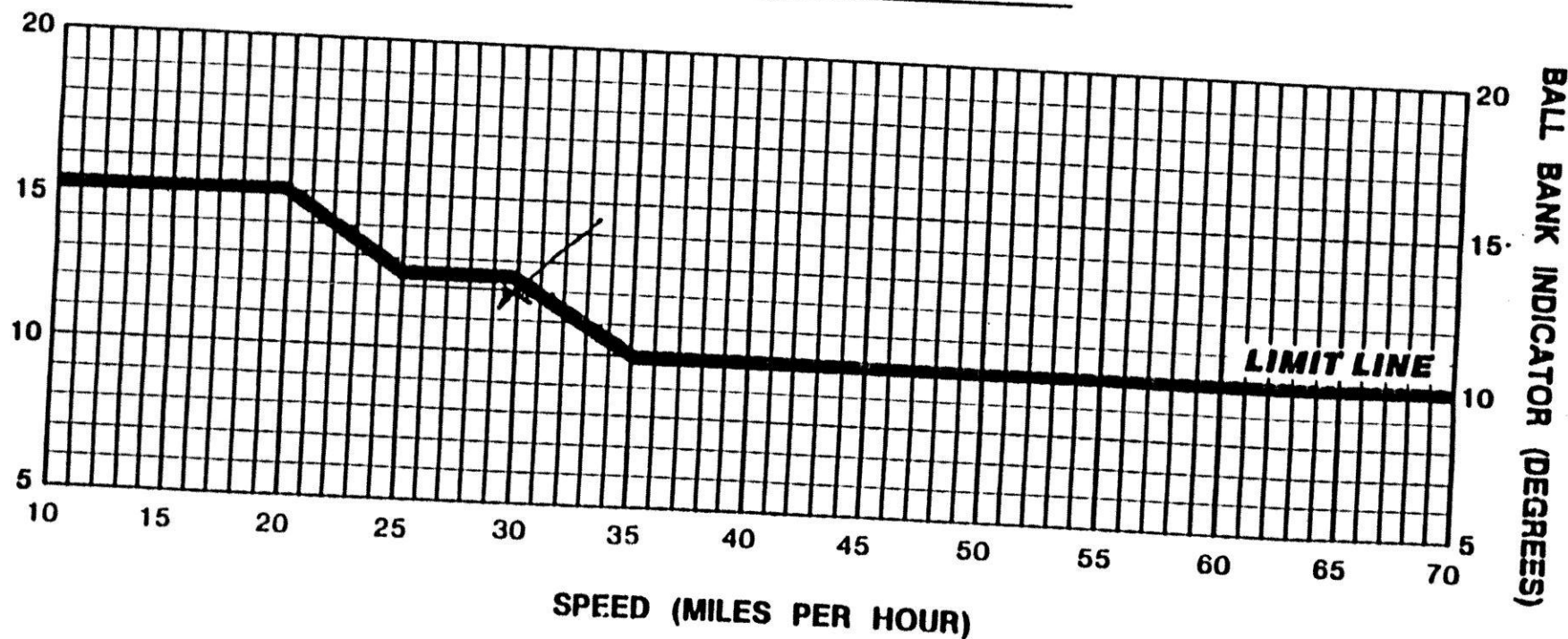


Figure 4-2

# DETERMINATION OF COMFORTABLE SPEED FROM BALL BANK INDICATOR READINGS

Driver J. Gullen  
 Observer P. Laaninen  
 Vehicle 402  
 Date 11/12/90  
 Weather Clear

Co. Palo Alto Dr. Rte.        PM         
 Sta. Sunset To Mirasol  
 Direction W

Type of Pavement: Ac  
 Cond. of Pavement: Good  
 Min. Sight Dist. thru Curve:         
 Approach Speed  
 (Estimated or Observed):       

Curve #1

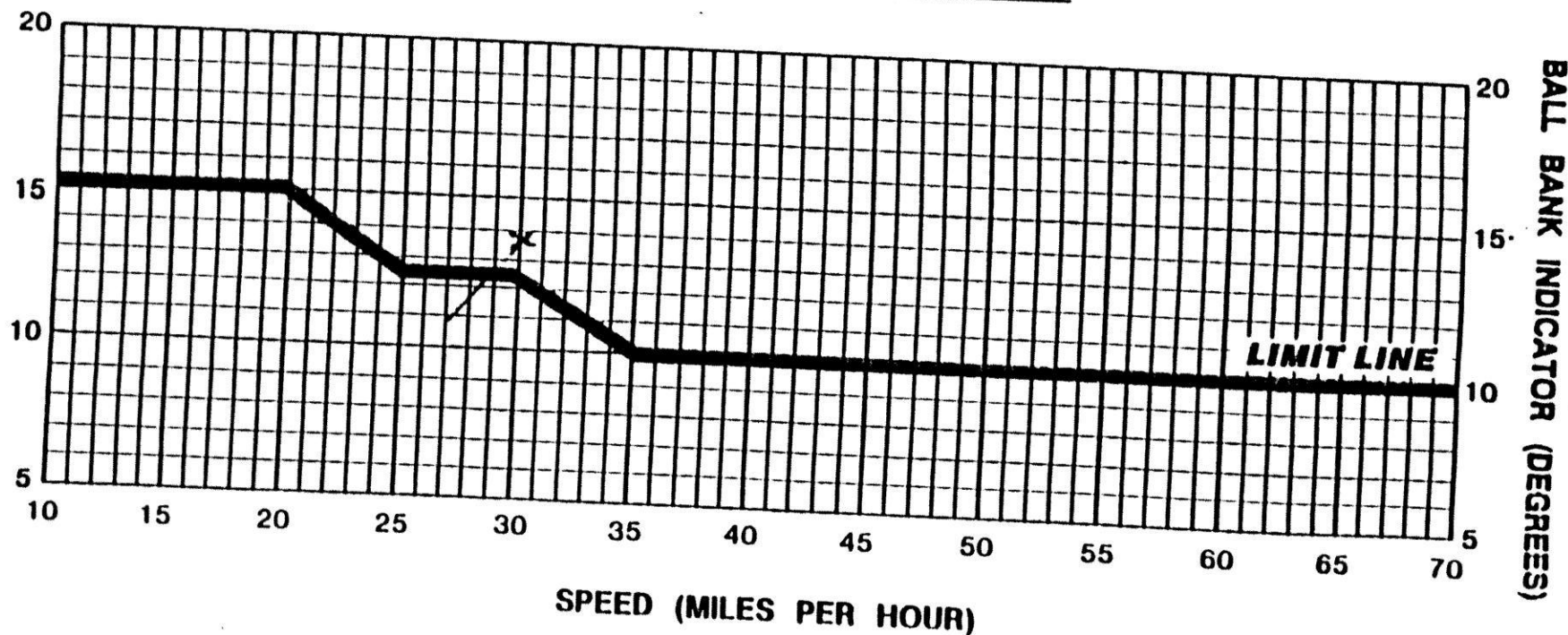


Figure 4-2

# DETERMINATION OF COMFORTABLE SPEED FROM BALL BANK INDICATOR READINGS

Driver J. Cullen  
 Observer P. Laanini  
 Vehicle 402  
 Date 11/12/90  
 Weather Clear

Palo Alto Dr  
 Co. \_\_\_\_\_ Rte. \_\_\_\_\_ PM \_\_\_\_\_  
 Sta. Sunset To Mirasol  
 Direction E

Type of Pavement: AC  
 Cond. of Pavement: Good  
 Min. Sight Dist. thru Curve: \_\_\_\_\_  
 Approach Speed  
 (Estimated or Observed): \_\_\_\_\_

Curve # 2

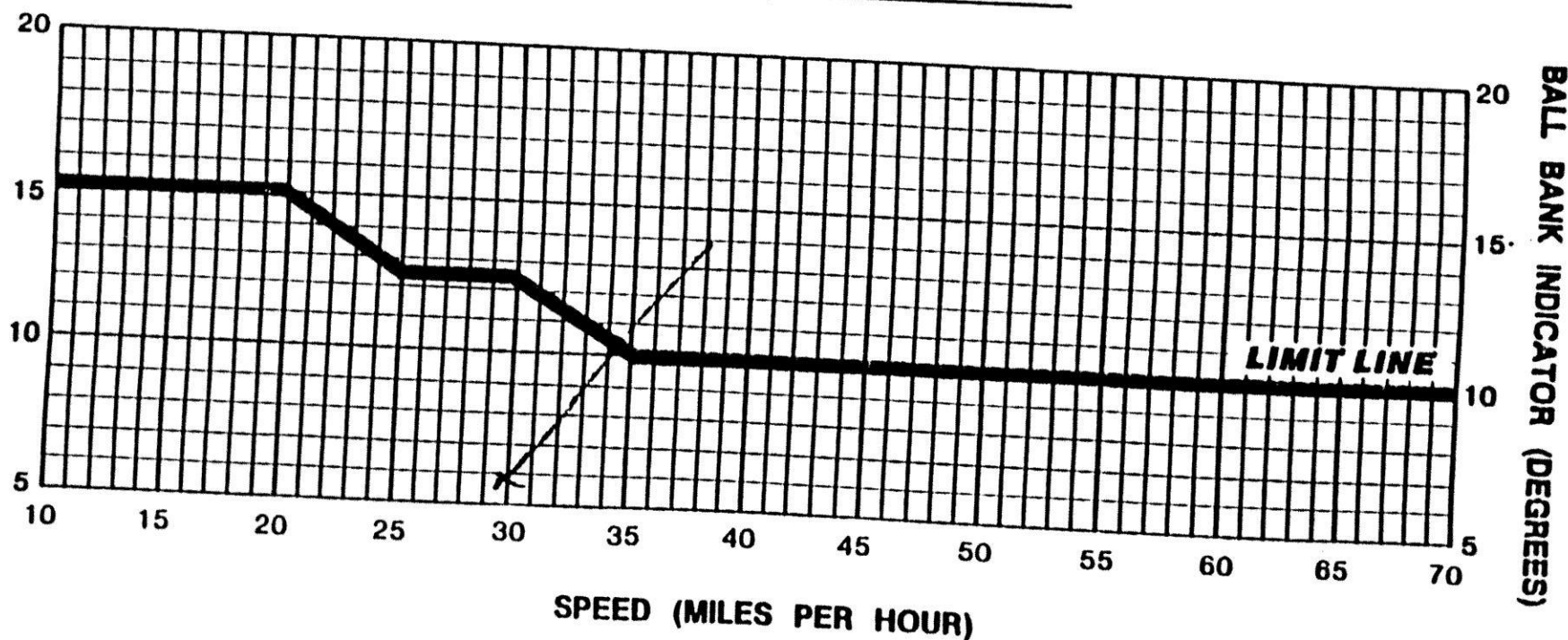


Figure 4-2

# DETERMINATION OF COMFORTABLE SPEED FROM BALL BANK INDICATOR READINGS

Driver J. Gullen  
 Observer P. Leannier  
 Vehicle 402  
 Date 11/12/90  
 Weather Clear

Co. Palo Alto Dr. Rte.        PM         
 Sta. Sunset To Mirasol  
 Direction W

Type of Pavement: AC  
 Cond. of Pavement: Good  
 Min. Sight Dist. thru Curve:         
 Approach Speed  
 (Estimated or Observed):       

Curve # 2

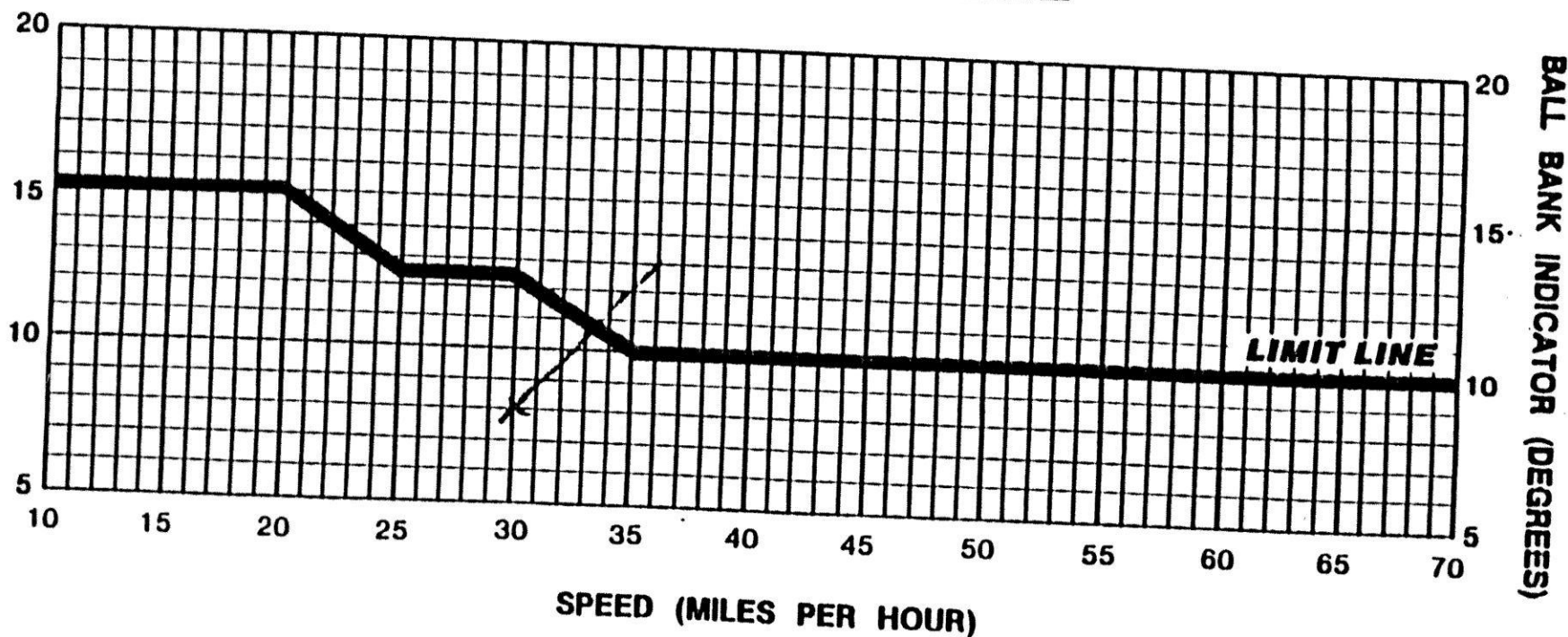


Figure 4-2

# DETERMINATION OF COMFORTABLE SPEED FROM BALL BANK INDICATOR READINGS

Driver J. Cullen  
 Observer P. Laaninen  
 Vehicle 402  
 Date 11/12/90  
 Weather Clear

Co. Palo Alto Dv. Rte.        PM         
 Sta. Sunset To Mirasol  
 Direction E

Type of Pavement: AC  
 Cond. of Pavement: Good  
 Min. Sight Dist. thru Curve:         
 Approach Speed  
 (Estimated or Observed):       

Curve #3

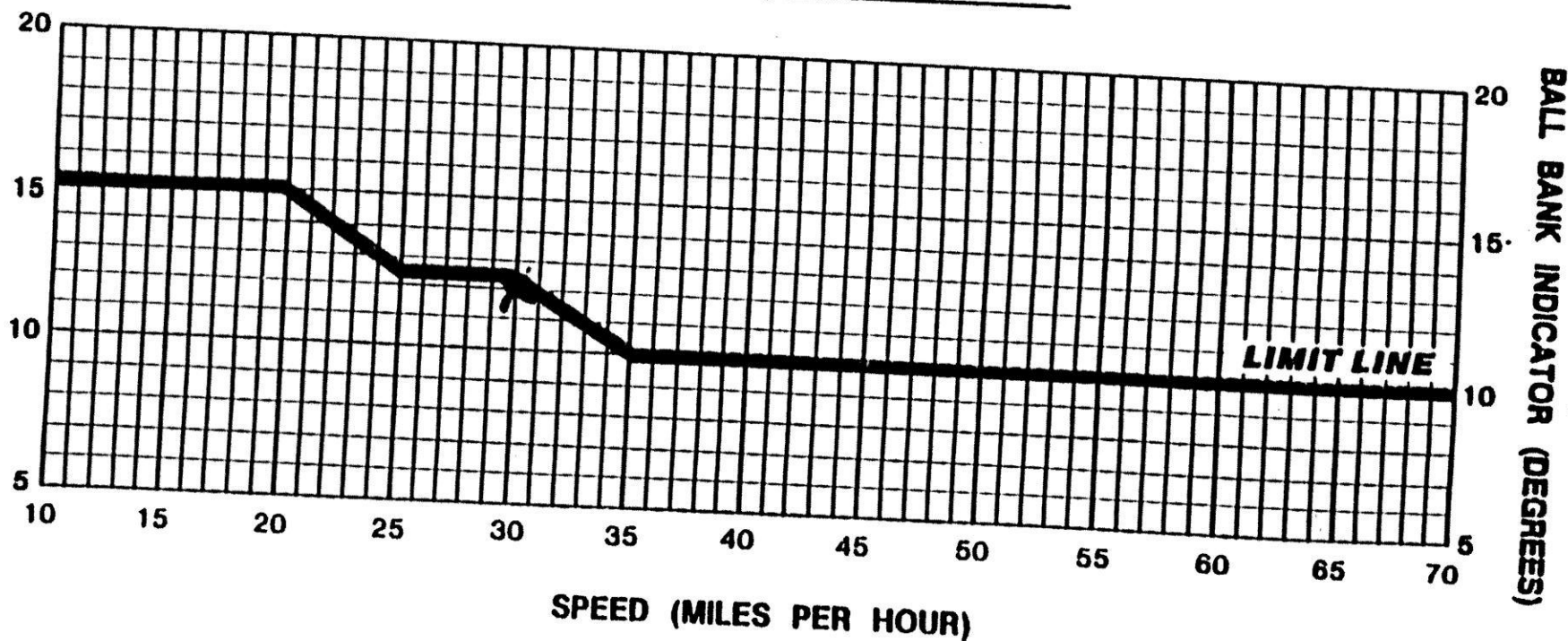


Figure 4-2

# DETERMINATION OF COMFORTABLE SPEED FROM BALL BANK INDICATOR READINGS

Driver J. Cullen  
 Observer P. Laaninen  
 Vehicle 402  
 Date 11/12/90  
 Weather Clear

Co. Palo Alto Dr. Rte.        PM         
 Sta. Sunset To Mirasol  
 Direction W

Type of Pavement: AC  
 Cond. of Pavement: Good  
 Min. Sight Dist. thru Curve:         
 Approach Speed  
 (Estimated or Observed):       

Curve # 3

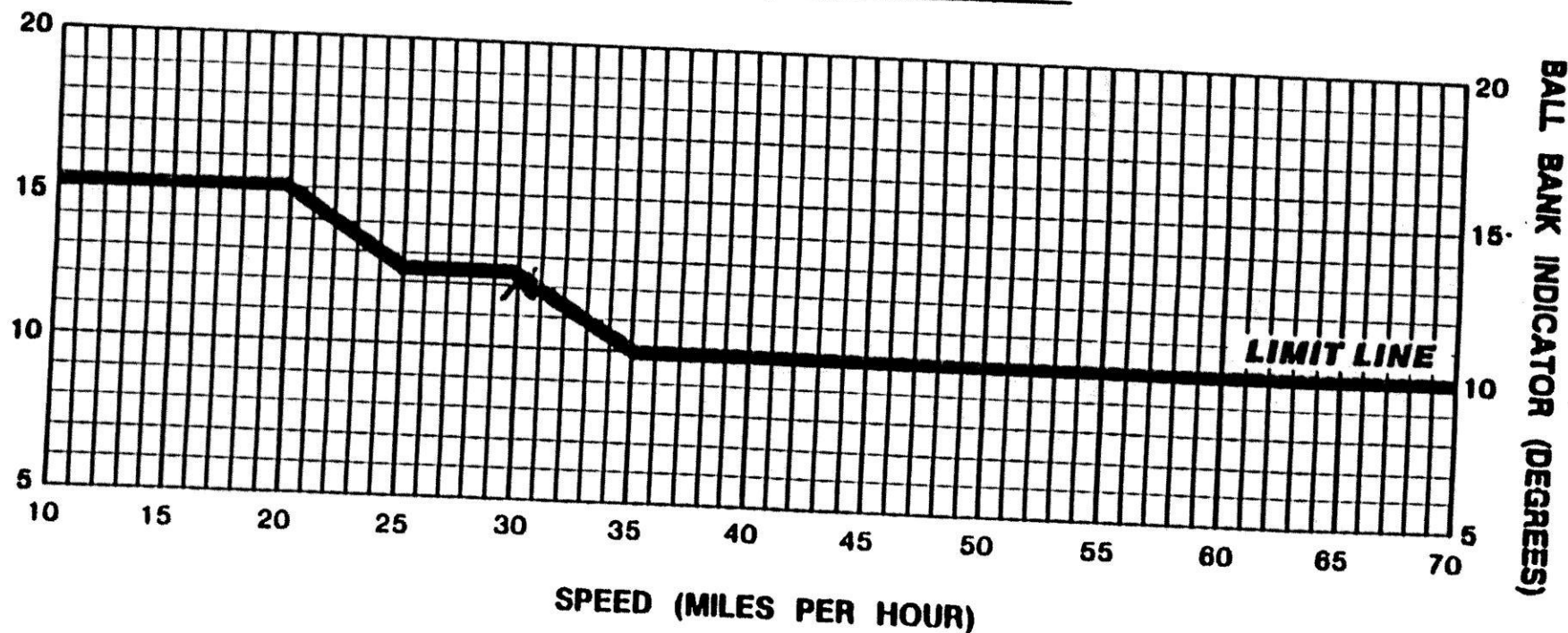


Figure 4-2

# DETERMINATION OF COMFORTABLE SPEED FROM BALL BANK INDICATOR READINGS

Driver J. Cullen  
 Observer P. Laaninen  
 Vehicle 402  
 Date 11/12/90  
 Weather Clear

Co. Palo Alto Dr. Rte. PM  
 Sta. Sunset To Mirasol  
 Direction E

Type of Pavement: Ac  
 Cond. of Pavement: Good  
 Min. Sight Dist. thru Curve: \_\_\_\_\_  
 Approach Speed  
 (Estimated or Observed): \_\_\_\_\_

*Curve #4*

