



CITY OF LODI

PUBLIC WORKS DEPARTMENT

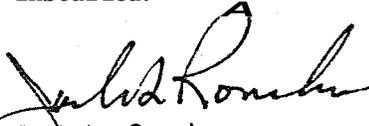
COUNCIL COMMUNICATION

TO: City Council
FROM: City Manager
MEETING DATE: June 21, 1989
AGENDA TITLE: Installation of Four-Way Stop Signs at Wine Street and Crescent Avenue

RECOMMENDED ACTION: That the City Council approve the installation of four-way stop signs at the intersection of Vine Street and Crescent Avenue.

BACKGROUND INFORMATION: In July 1988, the attached letter was sent to the City Council requesting a four-way stop sign installation at the above intersection. City Council directed Public Works staff to include the intersection in our regular review of high accident locations within the City. Staff has performed a study at this intersection. Traffic counts were taken and accident records were reviewed. Currently, Crescent Avenue stops at Vine Street and has 24-hour volumes of 2,270 and 2,860 vehicles, respectively.

Available accident records indicate that during a recent 12-month period, 5 correctable accidents have occurred (see attached warrant and collision diagram). According to the warrants, the intersection is a borderline case for a four-way stop. In staff's judgement, a four-way stop should be installed.

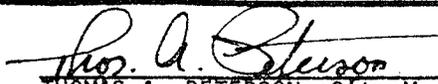

Jack L. Ronsko
Public Works Director

JLR/RSK/jmr

Attachments

cc: Street Superintendent
Police Chief
Engineering Technician Kiriu
Jeanne McMillen
Richard Genereux

APPROVED:


THOMAS A. PETERSON, City Manager

FILE NO.

CVINE3/TXTW.02M

June 12, 1989

Jeanne McMillen
840 S. Crescent Avenue
Lodi, California 95240
Telephone: (209)339-4868

RECEIVED

1988 JUL 20 AM 9:53

ALICE M. REMICHE
CITY CLERK
CITY OF LODI

July 18, 1988

The Honorable Mayor and
Members of the City Council
City Hall
221 W. Pine Street
Lodi, California 95240

Dear Mayor and City Council Members:

I am writing to seek your assistance in rectifying a dangerous traffic situation in Lodi. The corner of Crescent Avenue and Vine Street is currently a **two way stop** intersection with the stop sign on Crescent Avenue. I feel this intersection needs to be made a four way stop by putting stop signs on Vine Street also.

I have become increasingly concerned about the safety of this intersection. I have lived on the corner of this intersection for only a year and so far have seen two accidents and countless "near misses" caused by the confusion of the **two way stop**. Most **people** assume that this intersection is a **four way stop** and just drive forward from the stop **sign** on Crescent unaware of approaching traffic on Vine. The sound of screeching brakes and honking horns is a daily occurrence.

I have been tempted to bring this situation to your attention in the past and in fact have called the police department twice to request that they be aware of the intersection. Tonight, while I was in my front yard with my 2½ year old son I watched as a car speeding eastbound on Vine Street had to swerve to avoid hitting a car that had just **left** the stop **sign** on Crescent Avenue. The car on Vine Street swerved **so** wide that it came just inches from the sidewalk, quite **near** where my son was playing. I feel this was a very close **call** and if there had been a stop sign on Vine Street this would not have happened.

To summarize, I feel strongly that a stop sign is needed on Vine Street. The confusion caused by only a **two way stop** at such a busy intersection coupled with the cars on Vine Street consistently exceeding the speed limit warrants making this intersection a four way stop. In addition, the volume of traffic on Vine Street can be quite heavy at times with several main streets (Ham Lane, Hutchins Street, Kettleman Lane, Lodi Avenue) Lodi Memorial Hospital and several offices in such close proximity. This is a residential area with many bicyclists and pedestrians present.

Jeanne McMillen
July 18, 1988

I would greatly appreciate your attention and action on this matter.
I would like to think that we could remain living safely at this
corner for years to come and that it will be a safe place for all
citizens of Lodi.

Sincerely,

Jeanne McMillen

Jeanne McMillen



CITY OF LODI

PUBLIC WORKS DEPARTMENT

MULTI-WAY STOP SIGN WARRANTS

INTERSECTION OF CRESCENT and VINE
 DATE 5-18-89 BY RSK

Any of the following conditions may warrant a multi-way STOP sign installation.

1. Where traffic signals are warranted and the need is urgent, the four-way stop is an interim measure that can be installed quickly to control traffic while arrangements are being made for the signal installation.

Satisfied _____ Not Satisfied

2. An accident problem, as indicated by five or more reported accidents of a type susceptible of correction by a multi-way stop installation in a 12-month period. Types of accidents susceptible of correction include right angle and left turn collisions.

Time period FEB 88 - JAN 89 Number of correctible accidents 5
 Total number of accidents 5 Satisfied Not Satisfied _____

3. Minimum volume warrant:

a. The total vehicular volume entering the intersection from all approaches must average at least 500 vehicles per hour for any eight hours of an average day, and

Hour ENDING	0	1	2	3	4	5	6	7	8
Major Street	202	171	186	170	249	249	273	246	
Minor Street	139	173	171	160	193	176	204	187	

Highest 8 hours _____ a.m. to _____ p.m.
 Total volume 3144 vehicles
 Average per hour 393 vehicles

b. The combined vehicular and pedestrian volume from the minor street or highway must average at least 200 units per hour for the same eight hours with an average delay to minor street vehicular traffic of at least 30 seconds per vehicle during the maximum hour.

Hour	1	2	3	4	5	6	7	8
Minor Street Vehicles								
Pedestrians								

Highest 8 hours _____ a.m. to _____ p.m.
 Average per hour _____ vehicles
 Average per hour _____ pedestrian
 Average units per hour _____
 Satisfied _____ Not Satisfied

4. When the 85-percentile approach speed of the major street traffic exceeds 40 miles per hour, the minimum vehicular volume warrant is 70 percent of the above requirements.

85-percentile speed _____ MPH
 Satisfied _____ Not Satisfied

A four-way STOP sign installation is a useful traffic control measure when other available means of control are not adequate. It should not be used unless the volume of traffic on the intersecting roads is about equal and is undesirable at low volume intersections.

% Traffic major street 56 %
 % Traffic minor street 44 %



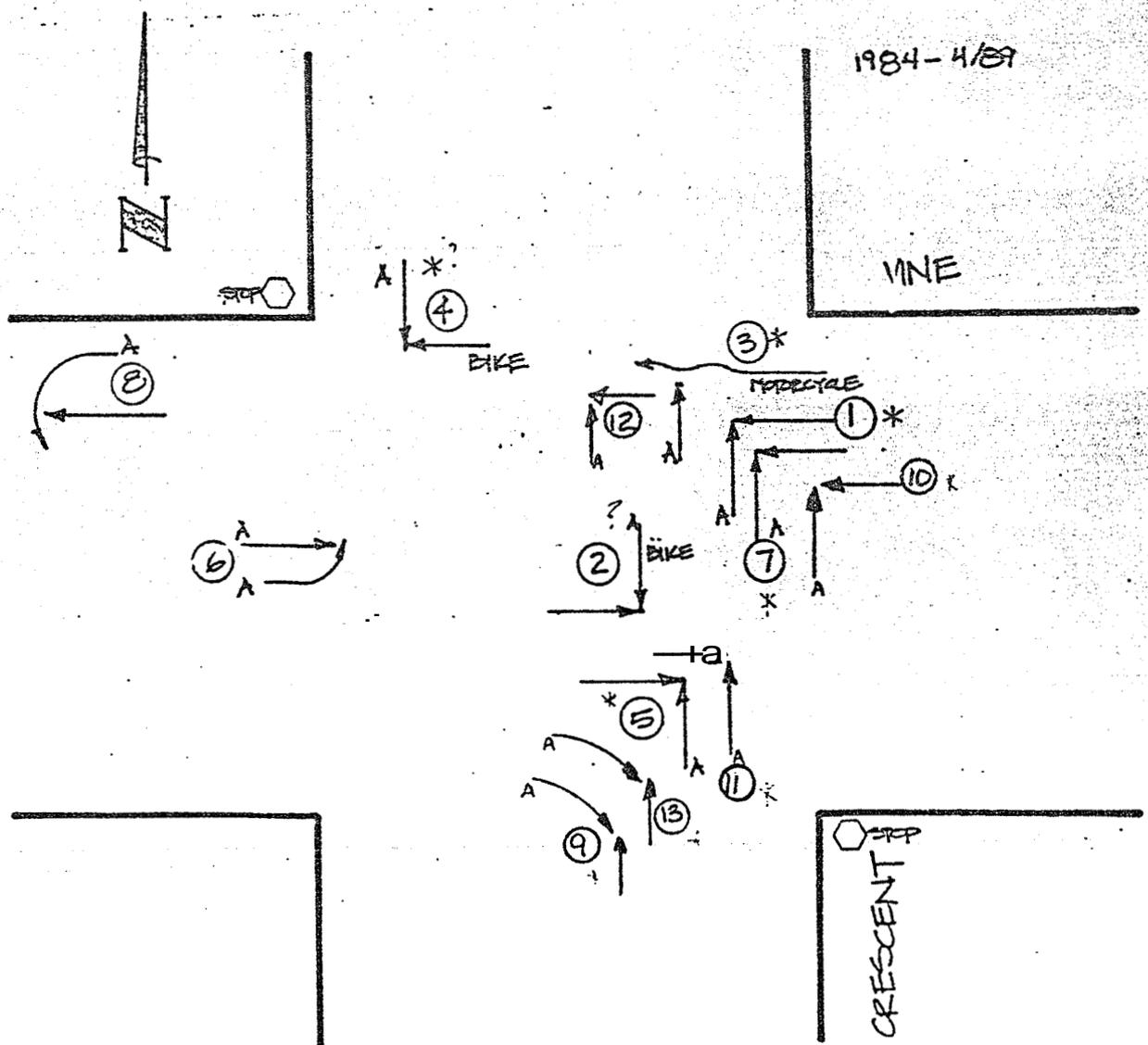
CITY OF LODI
PUBLIC WORKS DEPARTMENT

Collision Diagram
Intersection of
CRESCENT and VINE

1984-4/29

VINE

CRESCENT



L E G E N D	
PATH OF MOVING VEHICLE	
REAR END COLLISION	
FIXED OBJECT	
PARKED VEHICLE	
SIDESWIPE	

Multiple Accidents

RESOLUTION NO. 89-70

A RESOLUTION OF THE LODI CITY COUNCIL
APPROVING THE INSTALLATION OF FOUR-WAY STOP SIGNS
AT VINE STREET AND CRESCENT AVENUE AND THEREBY AMENDING
TRAFFIC RESOLUTION NO. 87-163

RESOLVED, that the City Council of the City of Lodi does hereby approve the installation of four-way stop signs at Wine Street and Crescent Avenue, as shown on Exhibit attached hereto.

FURTHER RESOLVED, that City of Lodi Traffic Resolution 87-163, Section 2C "Stop Intersections", is hereby amended by designating that stop signs shall be installed on Vine Street at Crescent Avenue intersection.

Dated: June 21, 1989

I hereby certify that Resolution No. 89-70 was passed and adopted by the City Council of the City of Lodi in a regular meeting held June 21, 1989 by the following vote:

Ayes : Council Members - Olson, Pinkerton, Reid and
Snider (Mayor)

Noes : Council Members - None

Absent: Council Members - Hinchman

Alice M. Reimche
Alice M. Reimche
City Clerk

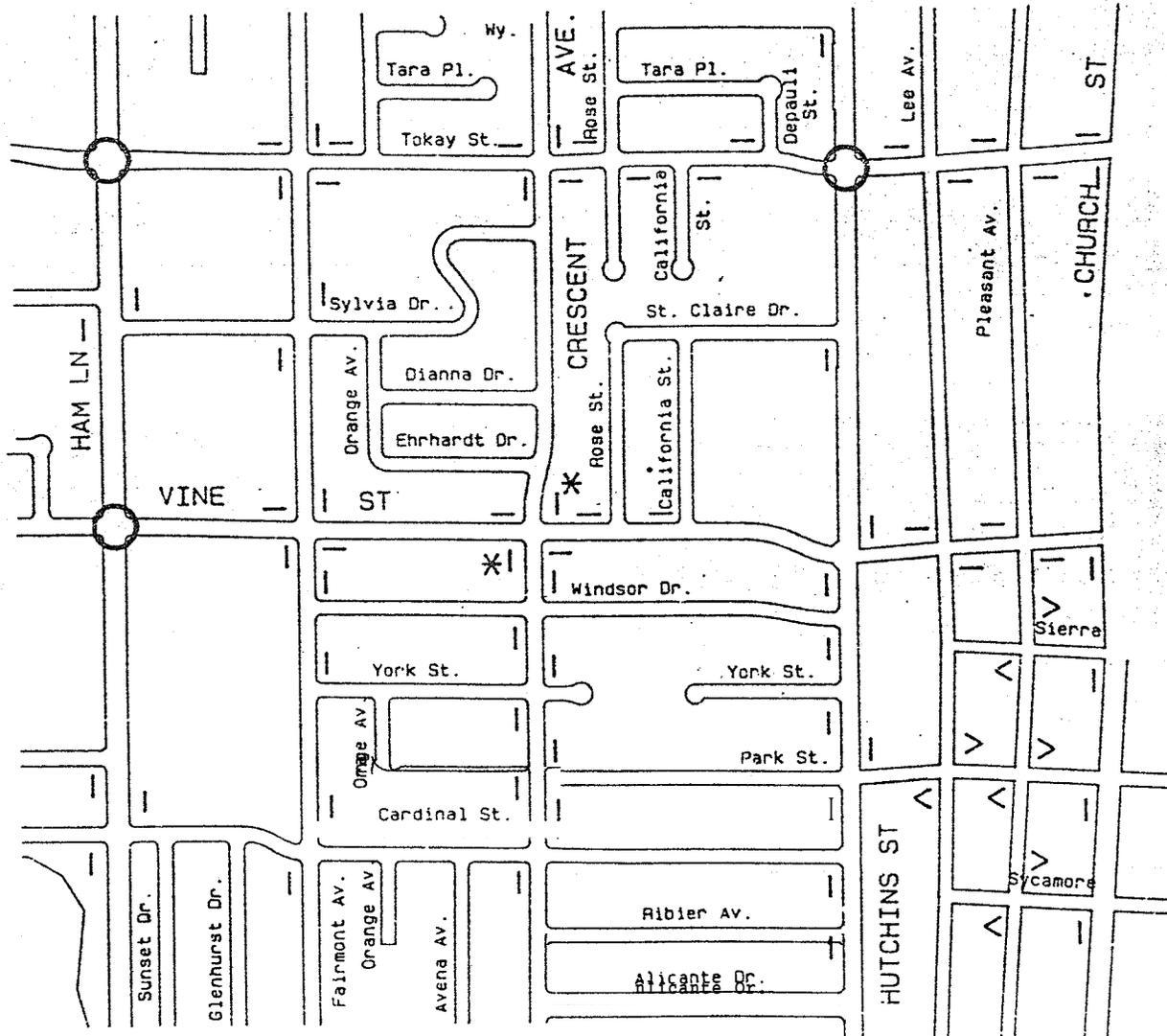


CITY OF LODI

PUBLIC WORKS DEPARTMENT

CRESCENT AVENUE AND VINE STREET

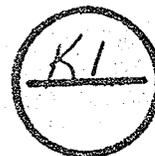
FOUR-WAY STOP SIGNS



LEGEND

- ∇ -YIELD SIGN (R1-2)
- * -STOP SIGN (R1)
- * -INSTALL STOP SIGN(S)
- ○ -TRAFFIC SIGNAL





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1989 JUN 19 PM 12:49

ALICE M. REINICHE
CITY CLERK
CITY OF LODI

June 17, 1989

The Honorable Mayor and
Members of the City Council
City Hall
221 W. Pine Street
Lodi, California 95240

SUBJECT: Installation of Four Way Stop Signs at Vine Street and
Crescent Avenue

Dear Mayor and City Council Members:

We, the undersigned citizens of Lodi, residing in the vicinity of Vine Street and Crescent Avenue, would like to express our support for the installation of four way stop signs at the intersection of Vine Street and Crescent Avenue as recommended by the Public Works department.

In the interest of public safety, we respectfully request that you approve this action when it is presented to you.

Sincerely,

NAME	ADDRESS
<i>Jeanne McMiller</i>	<i>840 S. Crescent Avenue</i>
<i>Jerry McMiller</i>	<i>840 S. Crescent Ave.</i>
<i>Ida Guenther</i>	<i>900 S. Crescent Ave.</i>
<i>Bob Dyke</i>	<i>924 S. Crescent Ave.</i>
<i>Robert Dyke</i>	<i>924 S. Crescent Ave.</i>
<i>Frank Garza</i>	<i>901 S. Crescent Ave.</i>
<i>Wena Canessa</i>	<i>810 W. Vine</i>
<i>Leo M. Rauschel</i>	<i>830 W. Vine</i>

NAME	ADDRESS
Viola Raugust	830 W. Vine St. Lodi
Elena Beresh	811 W. Vine St. Lodi
Nichol Beresh	811 W. Vine St. Lodi, Ca.
Barbara J. Nelson	812 So Crescent Ave., Lodi
Mary Unger	800 Ehrhardt Ave. Lodi Ca.
E.C. Townsend	820 Ehrhardt Dr. Lodi, Ca.
Emm Ruth Townsend	820 Ehrhardt Dr. Lodi Calif.
Norma Seavey	830 Ehrhardt Dr. Lodi, Cal.
Walter P. Seavey	458 W. Vine St. Lodi, Ca.
Charles R. Bertatti	815 So. Crescent Ave. Lodi
Signe Morita	806 S. CRESCENT Lodi
Shizue Morita	" " " "
Viola Lippert	818 S. Crescent, Lodi.
Don Gupstall	935 S Crescent
Delma Gupstall	" "
Dom Kalamita	719 W. Vine St.
Chety King	711 W. Vine St.
Maud Hoganson	714 W. Vine
Raymond Hoganson	" " "
Madeline	
Ida P. Weser	911 S Crescent

CITY COUNCIL

JOHN R. (Randy) SNIDER, Mayor
DAVID M. HINCHMAN,
Mayor Pro Tempore
EVELYN M. OLSON
JAMES W. PINKERTON
FRED M. REID

RECEIVED

JUN 21 PM 12 40

ALICE M. REIMCHE
CITY CLERK
CITY OF LODI

CITY OF LODI

CITY HALL, 221 WEST PINE STREET
CALL BOX 3006
LODI, CALIFORNIA 95241-1910
(209) 334-5634
TELECOPIER: (209) 333-6795

6/21/89
THOMAS A. PETERSON
City Manager
ALICE M. REIMCHE
City Clerk
BOB McNATT
City Attorney

June 15, 1989

SUBJECT: Installation of Four-Way Stop Signs at Vine Street and Crescent Avenue

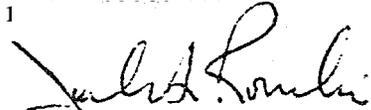
Dear Property Owner/Resident:

The above item will be discussed at the City Council meeting on Wednesday, June 21, 1989, at 7:30 p.m. The meeting will be held in the City Council Chamber, 2nd Floor, City Hall, 221 West Pine Street. You are welcome to attend.

Attached is a copy of the Council Communication on this item. If you wish to comment on this item at the meeting, please contact Alice Reimche, City Clerk, at (209) 333-6702.

If you have any questions about the item, please call Paula Fernandez or

1



Jack L. Ronsko
Public Works Director

JLR/mt

cc: City Clerk