



CITY OF LODI

COUNCIL COMMUNICATION

AGENDA TITLE: Traffic Resolution Amendment - Intersection Control, Mission Street at Washington Street and Laurel Avenue at Lake Home Drive

MEETING DATE: August 6, 1997

PREPARED BY: Public Works Director

RECOMMENDED ACTION: That the City Council adopt a resolution amending Section 2(C) of Traffic Resolution #87-163 by approving the conversion from yield signs to stop signs on Mission Street at Washington Street and on Laurel Avenue at Lake Home Drive (Exhibit A).

BACKGROUND INFORMATION: The intersections of Mission Street at Washington Street and Laurel Avenue at Lake Home Drive have been studied based on citizens' concerns.

Mission Street traffic is controlled at Washington Street by yield signs and Washington Street traffic is uncontrolled. The speed limit on both streets is 25 miles per hour (mph). Traffic volumes on Mission Street and Washington Street are approximately 400 and 800 vehicles per day, respectively. Available accident records for the four-plus years for 1993 to the present indicate there has been one right-angle accident occurring at this intersection. This accident involved a driver on Mission Street not yielding to a vehicle on Washington Street.

The intersection of Laurel Avenue and Lake Home Drive is controlled by yield signs on Laurel Avenue. Lake Home Drive traffic is not controlled at the intersection. The speed limit on both streets is 25 mph. Traffic volumes on Laurel Avenue and Lake Home Drive are approximately 200 and 300 vehicles per day, respectively. Available accident records for the four-plus years from 1993 to the present indicate there has been no accidents occurring at this intersection.

DISCUSSION: At low volume intersections, the Department's informal guidelines are used to determine whether yield or stop signs are appropriate. These guidelines consider traffic volumes, accident history and, when necessary, the determination of the safe approach speed to the intersection. Based on these guidelines, safe approach speed calculations were performed at both of these intersections.

RECOMMENDATION: The results of the safe approach calculations indicate that, based on expected vehicle speeds on Washington Street, stop signs should be installed on Mission Street. The intersection of Laurel Drive and Lake Home Drive is similar, with stop signs on Laurel Avenue also being the appropriate traffic control. Based on these factors, staff recommends that City Council approve the conversion from yield signs to stop signs at both of these intersections.

FUNDING: Funding to remove and replace signs and legends from the Street Maintenance Account at an approximate cost of \$1,000.

Funding Available: Wesley Mathis
Finance Director

Jack L. Ronsko
Jack L. Ronsko
Public Works Director

Prepared by Rick S. Kiriu, Senior Engineering Technician

Attachments

- cc: City Attorney
- Street Superintendent
- Associate Traffic Engineer
- Police Chief
- City Engineer
- Concerned citizen

APPROVED: H. Dixon Flynn
H. Dixon Flynn -- City Manager

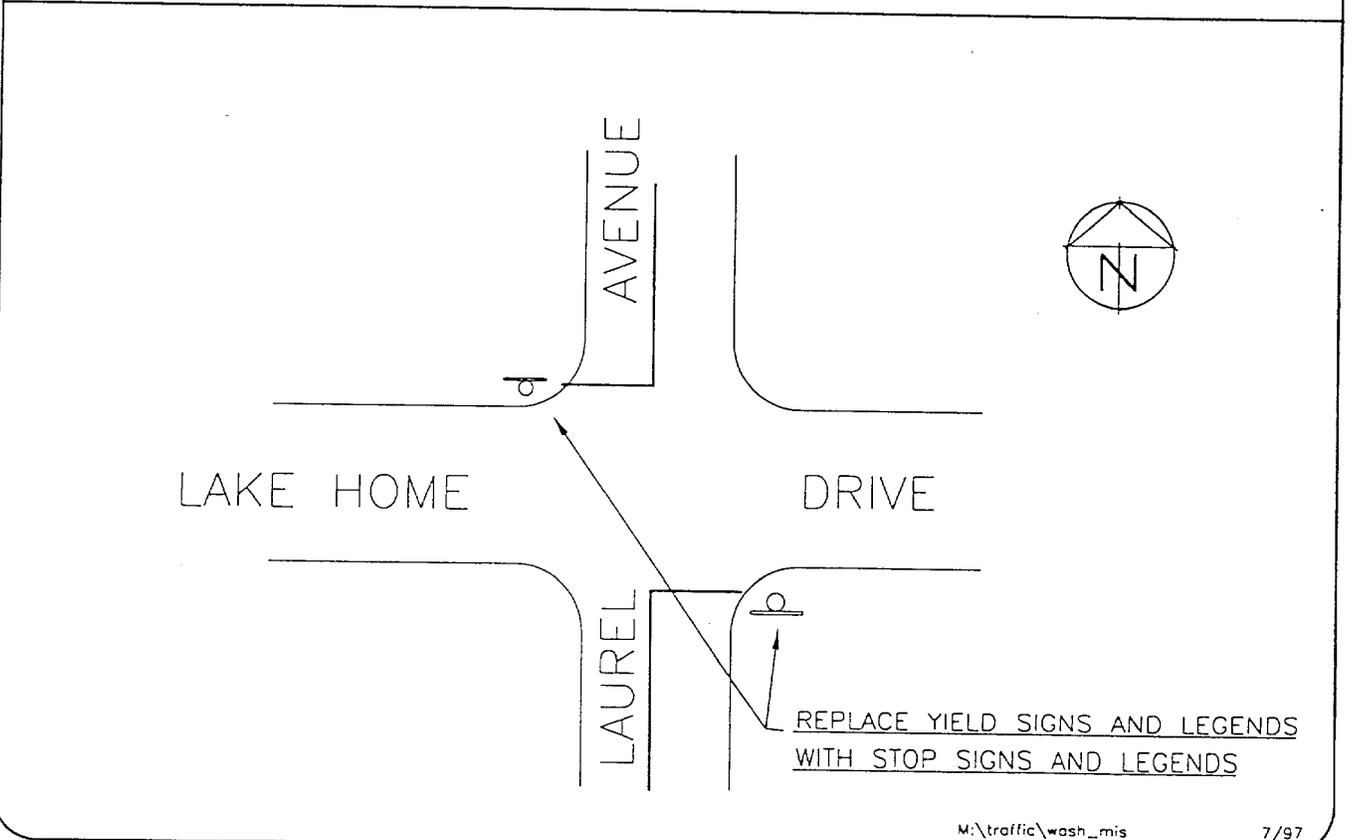
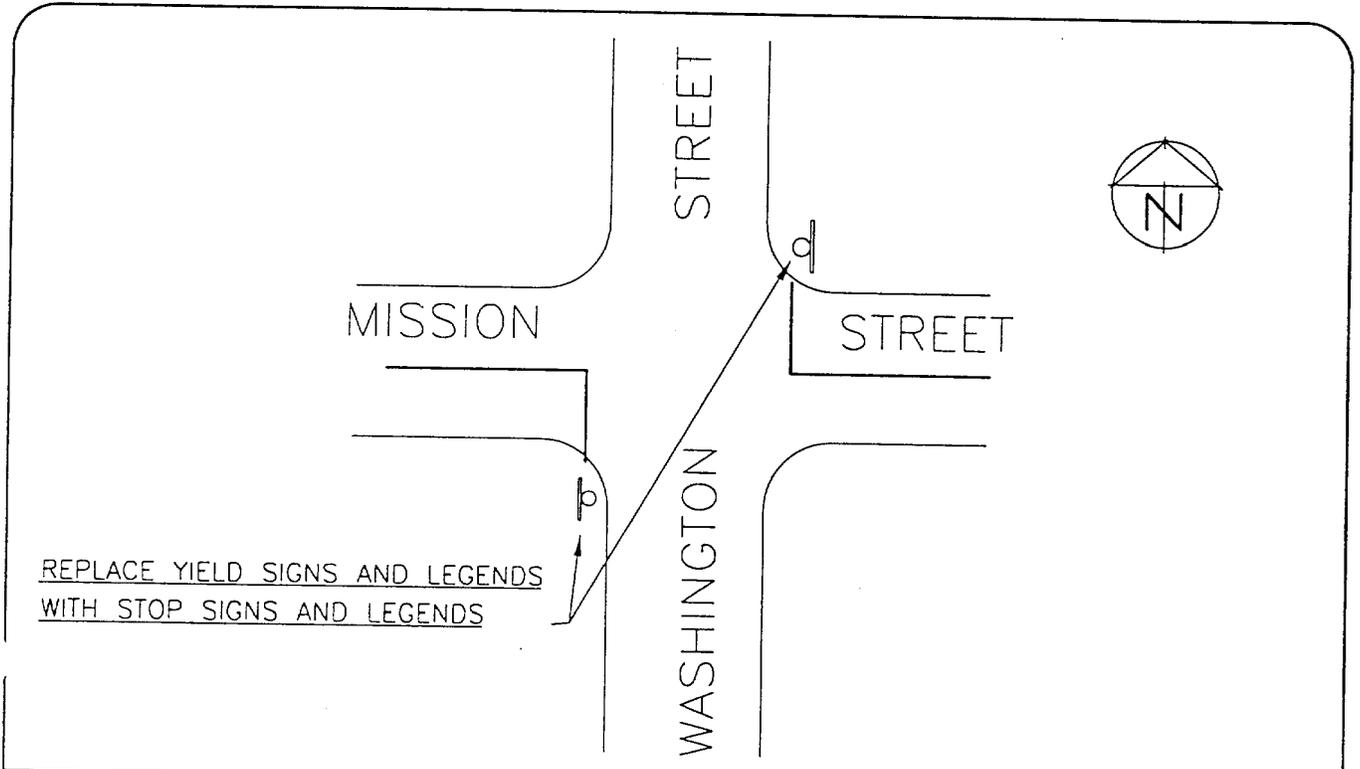


CITY OF LODI

PUBLIC WORKS DEPARTMENT

Mission St. at Washington St.
Laurel Ave. at Lake Home Dr.

Intersection Control



RESOLUTION NO. 97-112

A RESOLUTION OF THE LODI CITY COUNCIL
APPROVING THE CONVERSION FROM YIELD SIGNS TO
STOP SIGNS ON MISSION STREET AT WASHINGTON STREET
AND ON LAUREL AVENUE AT LAKE HOME DRIVE, AND THEREBY AMENDING
TRAFFIC RESOLUTION NO. 87-163, SECTION 2(C)

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WHEREAS, the intersections of Mission Street at Washington Street and Laurel Avenue at Lake Home Drive have been studied based on citizens' concerns; and

WHEREAS, Mission Street traffic is controlled at Washington Street by yield signs and Washington Street traffic is uncontrolled, and the intersection of Laurel Avenue and Lake Home Drive is controlled by yield signs on Laurel Avenue; and

WHEREAS, the results of the safe approach calculations indicate that, based on expected vehicle speeds on Washington Street, stops signs should be installed on Mission Street; and the intersection of Laurel Drive and Lake Home Drive is similar, with stop signs on Laurel Avenue also being the appropriate traffic control; and

WHEREAS, staff recommends that the City Council approve the conversion from yield signs to stop signs at both these intersections.

BE IT RESOLVED, that the City Council of the City of Lodi does hereby approve the conversion from yield signs to stop signs on Mission Street at Washington Street and on Laurel Avenue at Lake Home Drive; and

BE IT FURTHER RESOLVED, that City of Lodi Traffic Resolution No. 87-163, Section 2(C) "Stop Intersections" is hereby amended by the conversion from yield signs to stop signs on Mission Street at Washington Street and on Laurel Avenue at Lake Home Drive.

Dated: August 6, 1997

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I hereby certify that Resolution No. 97-112 was passed and adopted by the City Council of the City of Lodi in a regular meeting held August 6, 1997, by the following vote:

- AYES: COUNCIL MEMBERS -
- NOES: COUNCIL MEMBERS -
- ABSENT: COUNCIL MEMBERS -
- ABSTAIN: COUNCIL MEMBERS -

ALICE M. REIMCHE
City Clerk



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PUBLIC WORKS DEPARTMENT

Mission St. at Washington St.
Laurel Ave. at Lake Home Dr.

Intersection Control

