

STAFF REPORT*CITY OF OCEANSIDE*

DATE: March 7, 2007

TO: Honorable Mayor and City Councilmembers

FROM: Public Works Department

SUBJECT: **ADOPTION OF A RESOLUTION ESTABLISHING ALL-WAY STOP CONTROLS AT THE INTERSECTION OF THUNDER DRIVE AND LEWIS STREET**

SYNOPSIS

Staff and the Transportation Commission recommend that the City Council adopt a resolution establishing all-way stop controls at the intersection of Thunder Drive and Lewis Street.

BACKGROUND

Staff has received a request from residents of Lewis Street and Thunder Drive requesting all-way stop controls at this location due to speeding on Thunder Drive and young pedestrians crossing Thunder Drive.

ANALYSIS

Thunder Drive is classified as a two-lane collector street with a 30 mph speed limit. Lewis Street is classified as a two-lane residential street serving John Landes Recreation Center which provides playground activities and after school programs to local residents and connects to Emerald Drive. Also there is a convenience store located south of Lewis Street on Thunder Drive which serves the adjacent neighborhood. The location is a four-way intersection with stop controls on Lewis Street (see Exhibit A).

The average daily traffic (ADT) count for Thunder Drive at Lewis Street is approximately 9,200 vehicles per day. The ADT for Lewis Street is approximately 2,200 vehicles per day with approximately equal volumes approaching the intersection. The critical speed (the speed at which 85 percent of vehicles are traveling, or below) is 38 mph for both directions on Thunder Drive.

Accident history was reviewed and there have been nine reported accidents in the last five years from 2002 to 2006 (five broadside accidents). Other intersections along Thunder Drive have fewer than two accidents per year.

Based on an engineering evaluation which includes volumes of traffic on Thunder Drive and accident history, staff recommends the installation of all-way stop controls.

FISCAL IMPACT

The installation of the proposed stop signs would cost approximately \$400 with an increase in annual maintenance of two workhours.

COMMISSION OR COMMITTEE REPORT

At its December 19, 2006 meeting, the Transportation Commission reviewed and approved the proposed stops.

CITY ATTORNEY'S ANALYSIS

The resolution has been reviewed by the City Attorney and approved as to form.

RECOMMENDATION

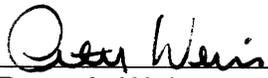
Staff and the Transportation Commission recommend that the City Council adopt a resolution establishing all-way stop controls at the intersection of Thunder Drive and Lewis Street.

PREPARED BY:

SUBMITTED BY:



Paul J. Pace
Transportation Operations Engineer



Peter A. Weiss
Interim City Manager

REVIEWED BY:

Michelle Skaggs-Lawrence, Deputy City Manager



Joseph Arranaga, Acting Deputy Public Works Director



Scott O. Smith, Acting City Engineer



Exhibit A: Map

RESOLUTION NO.

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF OCEANSIDE ESTABLISHING CERTAIN TRAFFIC CONTROLS WITHIN THE CITY OF OCEANSIDE

(All-way Stop controls on Thunder Drive at Lewis Street)

WHEREAS, the City Council of the City of Oceanside finds the public health, safety, and welfare will be benefited by establishing certain traffic controls on particular streets within the City of Oceanside.

NOW, THEREFORE, the City Council of the City of Oceanside does resolve as follows:

SECTION 1. There are established all-way stop controls on Thunder Drive at Lewis Street.

SECTION 2: Staff is directed to affect the foregoing controls as soon as possible.

PASSED AND ADOPTED by the City Council of the City of Oceanside, California, this _____ day of _____, 2007, by the following vote:

AYES:

NAYS:

ABSENT:

ABSTAIN:

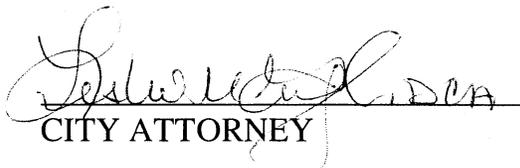
MAYOR OF THE CITY OF OCEANSIDE

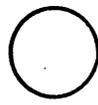
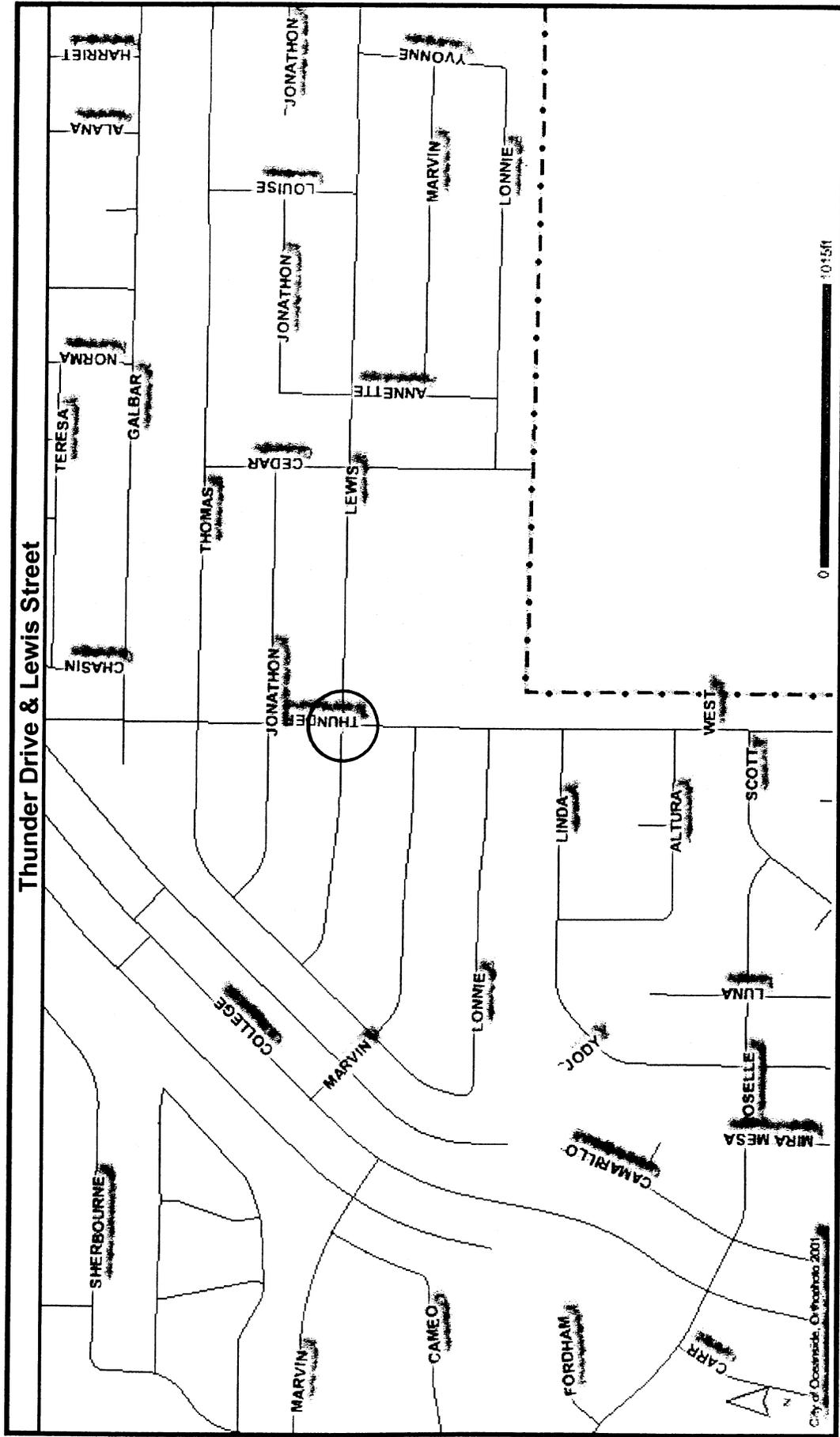
ATTEST:

APPROVED AS TO FORM:

CITY CLERK

CITY ATTORNEY





Proposed All-Way Stop

SOURCE: MERRICK 2001 ORTHOPHOTO
 • THIS MAP PREPARED SOLELY FOR ILLUSTRATION PURPOSE AND IS NOT TO BE RELIED UPON FOR ENGINEERING DRAWINGS.
 • SOME INFORMATION MAY NOT BE ACCURATE.