

CITY COUNCIL MEETING
OCTOBER 21, 1987

SCHOOL STREET
TRAFFIC STUDY

RES. NO. 87-147

CC-45(a)
CC-48(a)

The matter was introduced by City Manager Peterson. The following staff report was given by Public Works Director Ronsko:

At the regular Council meeting of September 2, 1987, the City Council received a request regarding speed problems on School Street. At the request of the City Council, staff performed a traffic study on School Street in comparison to similar streets in the area.

The study included 24-hour vehicle counts, radar speed surveys, a four-way stop control study, and an accident review.

The traffic data on Lee Street, Pleasant Avenue, and Church Street north of Kettleman Lane, was compared to School Street.

Traffic Volume Counts

The daily traffic volume on School Street is 2,130 vehicles. The traffic volume on Church Street is more than three times as much as School Street (6,710 vehicles per day). Lee Street has 1,030 vehicles per day and Pleasant Avenue has 480 vehicles per day.

Radar Survey

The prima facie limit on Lee Street, Pleasant Avenue, and School Street is 25 mph. Church Street from Kettleman Lane to Tokay Street has a posted speed limit of 35 mph.

The results of the radar survey data showed that all three 25 mph streets have 85th percentile speeds greater than the prima facie limits. The 85th percentile speed is the speed at or below which 85% of the traffic is moving. This speed is a major factor in determining posted speed limits.

Smaller speed samples were taken on Lee Street and Pleasant Avenue due to the low traffic volumes. There could be a slight variation in the speed results on Lee Street and Pleasant Avenue due to the smaller speed samples.