

ORDINANCE NO. 5111

**AN ORDINANCE OF THE COUNTY OF MONTEREY, STATE OF CALIFORNIA,
AMENDING SECTION 12.12.010 OF THE MONTEREY COUNTY CODE RELATING
TO SPEED LIMITS ON COUNTY ROADS.**

County Counsel Summary

This ordinance establishes a 55 m.p.h. speed limit on Abbott Street.

The Board of Supervisors of the County of Monterey ordains as follows:

SECTION 1. Section 12.12.010 of the Monterey County Code is amended by adding to that section the following street location:

Abbott Street for its entire length, fifty-five miles per hour;

SECTION 2. This ordinance shall become effective on the 31st day following its adoption.

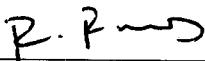
PASSED AND ADOPTED this 24 day of June, 2008, by the following vote:

AYES: Supervisors Armenta, Calcagno, Salinas, Mettee-McCutchon, Potter
NOES: None
ABSENT: None


Chair, Monterey County Board of Supervisors

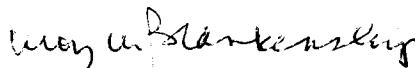
ATTEST:

DENISE PENNELL
Interim Clerk of the Board



Deputy

APPROVED AS TO FORM:



LEROY W. BLANKENSHIP
Assistant County Counsel

ENGINEERING & TRAFFIC SURVEY
(See CVC Sections 627, 22358, and 40802)
Monterey County Public Works
Traffic Engineering

APPLICABLE ROADWAY SEGMENT: On Abbott Street between US 101 (MP 0.00) and Salinas City Limits (MP 2.44)

VEHICLE SPEED SURVEY (1 of 3)

OBSERVED LOCATION: Abbott Street 3-lane section at MP 0.72

DATE: May 5, 2008

WEATHER: Clear

DIRECTION: North & South

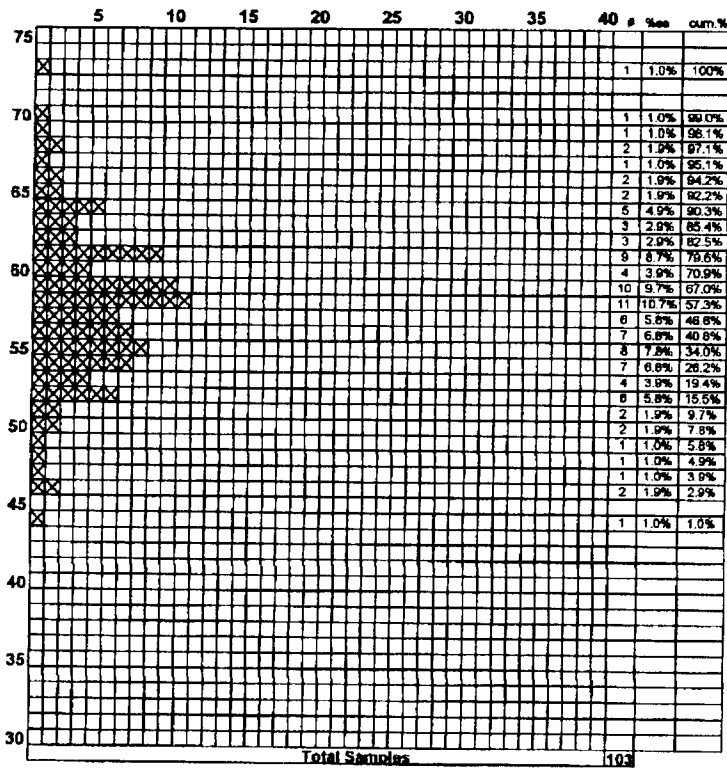
TIME START: 9:00 am

TIME END: 9:30 am

CALIBRATION TEST: Yes

EXISTING SPEED LIMIT: 65 MPH - not posted

OBSERVER: G. Kearns



15th PERCENTILE: 51.9
50th PERCENTILE: 57.3
85th PERCENTILE: 62.9

PACE: 52-61
% IN PACE: 69.9
VEHICLES IN PACE: 72

ENGINEERING & TRAFFIC SURVEY (See CVC Sections 627, 22358, and 40802) Monterey County Public Works Traffic Engineering

APPLICABLE ROADWAY SEGMENT: On Abbott Street between US 101 (MP 0.00) and Salinas City Limits (MP 2.44)

VEHICLE SPEED SURVEY (2 of 3)

OBSERVED LOCATION: Abbott Street 3-lane section at MP 1.30

DATE: May 2, 2008

WEATHER: Clear

DIRECTION: North & South

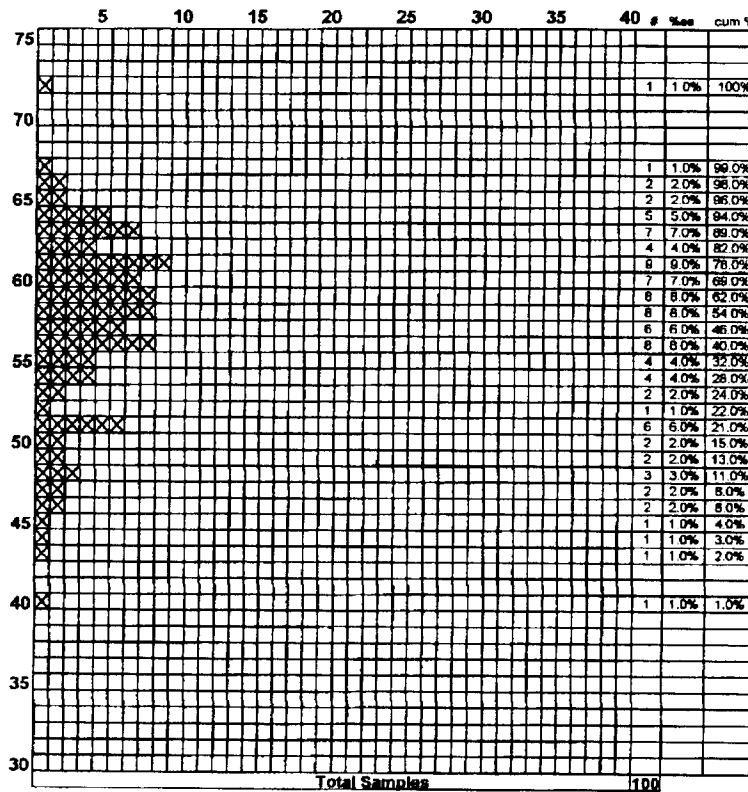
TIME START: 11:15 am

TIME END: 11:45 am

CALIBRATION TEST: Yes

EXISTING SPEED LIMIT: 65 MPH - not posted

OBSERVER: G. Kearns



15th PERCENTILE: 50.0

50th PERCENTILE: 57.5

85th PERCENTILE: 62.4

PACE: 55-64

% IN PACE: 66.0

VEHICLES IN PACE: 66

ENGINEERING & TRAFFIC SURVEY (See CVC Sections 627, 22358, and 40802) Monterey County Public Works Traffic Engineering

APPLICABLE ROADWAY SEGMENT: On Abbott Street between US 101 (MP 0.00) and Salinas City Limits (MP 2.44)

VEHICLE SPEED SURVEY (3 of 3)

OBSERVED LOCATION: Abbott Street 4-lane section at MP 2.10

DATE: May 2, 2008

WEATHER: Clear

DIRECTION: North & South

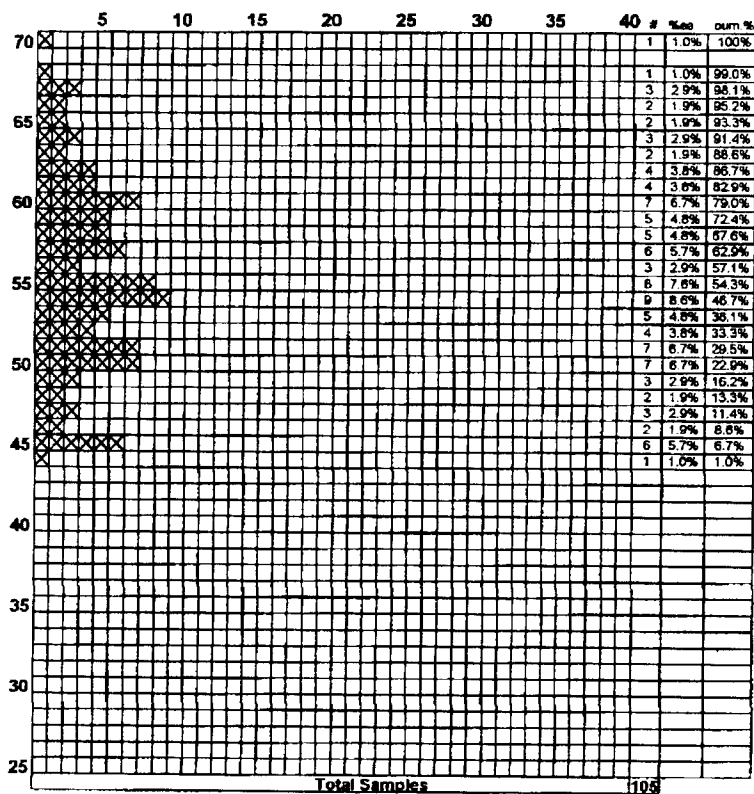
TIME START: 10:20 am

TIME END: 11:10 am

CALIBRATION TEST: Yes

EXISTING SPEED LIMIT: 65 MPH - not posted

OBSERVER: G. Kearns



15th PERCENTILE: 48.6
50th PERCENTILE: 54.4
85th PERCENTILE: 61.6

PACE: 50-59
% IN PACE: 56.2
VEHICLES IN PACE: 59

ENGINEERING & TRAFFIC SURVEY
(See CVC Sections 627, 22358, and 40802)
Monterey County Public Works
Traffic Engineering

OTHER CONSIDERATIONS (accident records, unexpected conditions, etc.)

COLLISION HISTORY: Annual average daily traffic (AADT) = 16,300.
Segment length is 2.44 miles.
2-year collision rate (2006-7) = 0.27 collisions per million vehicle
miles.
7 of 11 collisions involved large trucks

UNUSUAL CONDITIONS: High percentage of trucks and slow moving farm equipment (20%+ at the intersection of Abbott & Harris). Much of the roadway has narrow paved shoulders (2-foot wide in places).

SUPPORTING CONDITION MAP ATTACHED: No

DISCUSSION: Abbott is a two lane highway from US 101 [Milepost (MP) 0.0] to MP 0.35. From MP 0.35 to the Salinas City Limits (MP 2.44) it has three and four through lane segments. It is generally a straight roadway except for the curved approach to the Union Pacific Railroad under crossing. The terrain is flat. The average of the above described three 85th percentile spot speed surveys is 62.3 m.p.h. The lowest 85th percentile speed was 61.6 m.p.h. and the highest was 62.9. Therefore, based on the 85th percentile speed alone, the speed limit posting would be 60 m.p.h. for the entire roadway segment length of 2.44 miles from US 101 to the Salinas City Limits. Since the roadway has no raised median divider, narrow shoulders for much of its length, and no exclusive southbound right turn lane at Harris Road, and has very heavy truck volumes on both Abbott Street and the intersecting Harris Road, it is recommended the posted speed limit be reduced an additional 5 m.p.h. to 55 m.p.h. Also, because of tight geometry, large trucks must slow to below 5 m.p.h. in the southbound number 2 through lane in order to turn right onto Harris Road. Abbott Street is posted for 45 mph in the City of Salinas.

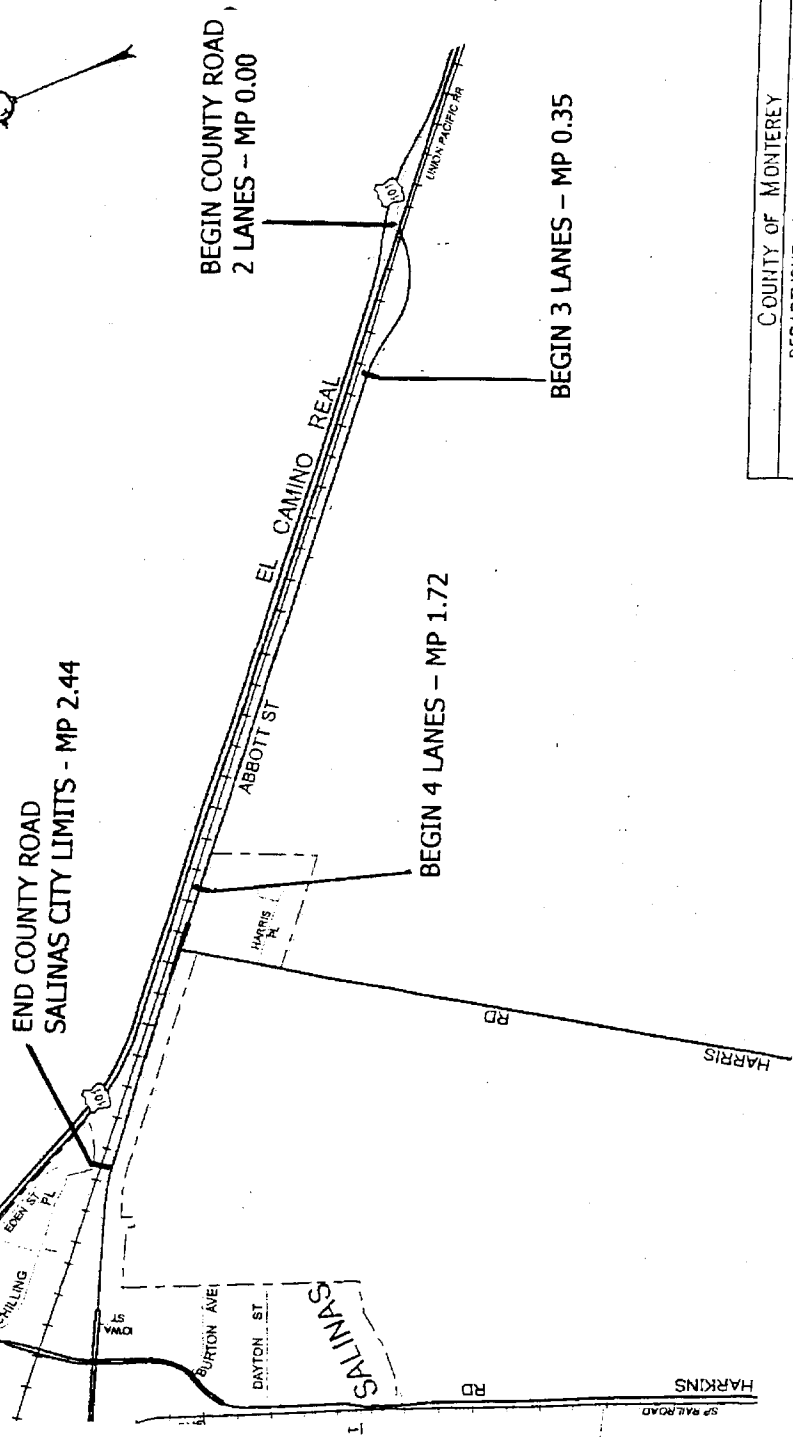
PROPOSED SPEED LIMIT: 55 MPH



Signed L. Neal Thompson Date 5-12-08

Title: Traffic Engineer
R.C.E. 29755, R.T.E. 1214

ABBOTT STREET PROPOSED 55 MPH SPEED LIMIT



COUNTY OF MONTEREY	DWG. NO.:
DEPARTMENT OF PUBLIC WORKS	DRAWN BY: GEIK
TRAFFIC SECTION	DATE: 5-7-08
LOCATION MAP ABBOTT STREET PROPOSED 55 MPH SPEED LIMIT	SCALE:
	SHEET OF