

LI21329-U03
FO21330-U03
FO62956-U03
FO64075-U03
MG69409-U03
AS69427-U03
AS69428-U03
AI70513-U03
DO72073-U03
C4-U03
ORDINANCES-U03
8/21/2008-U04
MUNOZP-U04
11945-U05
3-U06
S-3-U07
CONSIDER-U07
ADOPTION-U07
OF-U07
AN-U07
ORDINANCE-U07
AMENDING-U07
MONTEREY-U07
COUNTY-U07
CODE,-U07
TITLE-U07
12,-U07
SECTION-U07
12.12.010,-U07
TO-U07
ESTABLISH-U07
A-U07
55-U07
300-PUBLIC-U08
WORKS-U08
ESTRADA-U09
IRMA-U09
ESTRADAI-U10
6/16/2008-U011
M.P.H.-U012
SPEED-U012
LIMIT-U012
ON-U012
ABBOTT-U012
STREET,-U012
SALINAS-U012
AREA.-U012

EXECUTED ORDINANCEX♦♦♦f1r1♦f1-♦Abbott Street

Page 1 of 4

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

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AI70513-U03
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C4-U03
ORDINANCES-U03
8/21/2008-U04
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11945-U05
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S-3-U07
CONSIDER-U07
ADOPTION-U07
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ON-U012
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STREET,-U012
SALINAS-U012
AREA.-U012

EXECUTED ORDINANCEX♦♦♦f♦♦♦ Abbott Street

Page 2 of 4

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

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2 204
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7 7.07E 89.0%
4 0% 820%
9 8.0% 096
690%
8 0.0% 62.0%
6 0%
8 60% 46.0%
8 80% 40.0%
Eli 1 4 4,0% 32.0%
4 4.0% 28.0%
2 2.0% 240%
110%122,0%
6 60% 21.0%
2.0% 15.0%
2 20% 13.0%
3 3. 11.
2 20% 8.0%
2 2.0% 80%
10% 40%
10% 3.076
10% 2.0%
1 t. 1.

15' PERCENTILE: 50.0
50' PERCENTILE: 57.5
85TH PERCENTILE: 62.4
PACE: 55-64
% IN PACE: 66.0
VEHICLES IN PACE: 66
C:\Traf is\trafftc\E & T Surveys\200tt\Ahbon St Proposed 55 MPH.doc

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39682-U01
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AREA.-U012

EXECUTED ORDINANCEX♦♦♦f111♦f1-♦J Abbott Street

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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

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1.0% 99.0%
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2 19% 952%
2 1.9% 93.3%
3 2.9% 91.4%
111 2 1.9% 88.6%
4 3.6% 66.7%
t 138%1329%
6. %

5 4.6% 72.4%
5 48% 57.6%
6 5.7%
3 2.9% 157.1%
7.6%
54.3%
9 86% 46.7%
1
5 4.8% 36.1%
4 3.8% 33.3%
7 6.7% 28.5%
7 67% 22.996
3 29% 16.2%
2 1.9% 13.3%
3 2.9% 11.4%
2 19% 8.8%
6 5.7% 6.7%
1.0% 1.
15th PERCENTILE: 48.6
50th PERCENTILE: 54.4
85th PERCENTILE: 61.6
PACE: 50-59
% IN PACE: 56.2
VEHICLES IN PACE: 59
C:\TrafTic\trafHc\E & T Surveys\2006\Abbott St Proposed 55 MPfl.doc

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EXECUTED ORDINANCE

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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 Le Date Z U Title: Traffic Engineer

R.C.E. 29755, R.T.E. 1214

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EXECUTED ORDINANCE OF THE COUNTY OF MONTEREY
PROPOSED 55 MPH SPEED LIMIT
END COUNTY ROAD
SAUNAS CITY LIMITS MP 2.44
BEGIN COUNTY ROAD
2 LANES MP 0.00
BEGIN 3 LANES MP 0.35
COUNTY of MONTEREY
DEPARTMENT
OF
PUBLIC WORKS
TRAFFIC SECTION
LOCATION MAP
ABBOTT STREET
PROPOSED 55 MPH SPEED LIMIT
DWG. NO
URAWTI BY: GfK
DATE: 11-1-08
SCALE:
SHEET OF

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