



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♦♦♦f11♦♦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  
75  
70  
65  
s0  
55  
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45  
40



AI70513-U03  
DO72073-U03  
C4-U03  
ORDINANCES-U03  
8/21/2008-U04  
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11945-U05  
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EXECUTED ORDINANCEX♦♦♦f h r r ♦ f l -♦ 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 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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1 1016 180%  
I F11  
  
1.0% 98.0%  
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2 204  
96.0%  
s.o% 84.t9%  
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

BIB]  
  
39682-U01  
EXECUTED-U02  
ORDINANCE-U02  
LI21329-U03  
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EXECUTED ORDINANCEX♦♦♦f|—♦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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40 a %ee oum%  
1.0% 100%  
1.0% 99.0%  
3 29% 96.1%  
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.  
15<sup>th</sup> PERCENTILE: 48.6  
50<sup>th</sup> PERCENTILE: 54.4  
85<sup>th</sup> 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

BIB]

39682-U01  
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C4-U03  
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MUNOZP-U04  
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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

ocunnents and Set1ings`thompson`Mh l)ucum.nt,%FA l Su-.y, ahhotl SI l4oposed 55 91PILdm

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AREA.-U012

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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