



**RESOURCE  
MANAGEMENT AGENCY  
COUNTY OF TULARE  
AGENDA ITEM**

**BOARD OF SUPERVISORS**

ALLEN ISHIDA  
District One  
PETE VANDER POEL  
District Two  
PHILLIP A. COX  
District Three  
J. STEVEN WORTHLEY  
District Four  
MIKE ENNIS  
District Five

**AGENDA DATE:** April 1, 2014

Public Hearing Required	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Scheduled Public Hearing w/Clerk	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Published Notice Required	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Advertised Published Notice	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Meet & Confer Required	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Electronic file(s) has been sent	Yes	<input checked="" type="checkbox"/>	N/A	<input type="checkbox"/>
Budget Transfer (Aud 308) attached	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Personnel Resolution attached	Yes	<input type="checkbox"/>	N/A	<input checked="" type="checkbox"/>
Agreements are attached and signature line for Chairman is marked with tab(s)/flag(s)	Yes	<input type="checkbox"/>	N/A	<input type="checkbox"/>

CONTACT PERSON: Celeste Perez PHONE: (559) 624-7010

**SUBJECT:** Installation of an All Way STOP Control at the Intersection of Avenue 384 (Boston Avenue) and Road 8 (North 5½ Avenue)

**REQUEST(S):**

That the Board of Supervisors:

1. Approve the designation of an All Way STOP at Avenue 384 (Boston Avenue) and Road 8 (North 5½ Avenue) as a controlled intersection; and
2. Authorize the installation of STOP signs on Road 8 (North 5½ Avenue) at the intersection of Avenue 384 in accordance with the provisions of Section 2B.07 of the 2012 California Manual on Uniform Traffic Control Devices (CA MUTCD) and Section 22450(c) of the California Vehicle Code.

**SUMMARY:**

The intersection of Avenue 384 (Boston Avenue) and Road 8 (North 5½ Avenue) is located in the unincorporated portion of the County near the city of Kingsburg. The intersection of Avenue 384 (Boston Avenue) and Road 8 (North 5½ Avenue) is currently controlled by a two way stop on Avenue 384 (Boston Avenue). Avenue 384 (Boston Avenue) runs east-west and has a prima facie speed limit of 55 mph. Road 8 (North 5 ½ Avenue) runs north-south and has a prima facie speed limit of 55 mph.

Section 2B.07, Multi Way Stop Applications, of the 2012 CAMUTCD calls for installation of STOP signs if engineering judgment indicates that a STOP sign may be required if one or more of the following conditions exists:

**SUBJECT:** Installation of an All Way STOP Control at the Intersection of Avenue 384 (Boston Avenue) and Road 8 (North 5 ½ Avenue).  
**DATE:** April 1, 2014

A. Multi-way stop control is used where the volume of traffic on the intersection road is approximately equal.

- Road 8 (North 5½ Avenue) = 2,543 Average Daily Traffic
- Avenue 384 (Boston Avenue) = 2,328 Average Daily Traffic

B. Five or more reported crashes in a 12 month period that are susceptible to correction by a multi way stop installation. Such crashes include right turn and left turn collisions as well as right angle collisions.

- 7 correctable crashes between February 2013 and February 2014

C. Minimum volumes:

1. The vehicular volume entering the intersection from the major street approaches (total of both approaches) averages at least 300 vehicles per hour for any 8 hours of an average day; and

- Road 8 (North 5½ Avenue) – Average Vehicle Volume per Hour = 185.6

2. The combined vehicular, pedestrian, and bicycle volume entering the intersection from the minor street approaches (total of both approaches) averages at least 200 units per hour for the same 8 hours, with an average delay to minor-street vehicular traffic of at least 30 seconds per vehicle during the highest hour; but

- Avenue 384 (Boston Avenue) – Average Vehicle Volume per Hour = 179.3

3. If the 85th-percentile approach speed of the major-street traffic exceeds 40 mph, the minimum vehicular volume warrants are 70 percent of the values provided in Items 1 and 2.

- The prima facie speed limit on Road 8 (North 5½ Avenue) = 55 mph
- 70% Values for Road 8 (North 5½ Avenue) = 210 Average Vehicles per Hour
- 70% Values for Avenue 384 (Boston Avenue) = 140 Average Vehicles per Hour

In addition, the California Vehicle Code (CVC), Section 22450(b), states in part that "a local authority may adopt rules and regulations by ordinance or resolution providing for the placement of a stop sign at any location on a highway under its



**BEFORE THE BOARD OF SUPERVISORS  
COUNTY OF TULARE, STATE OF CALIFORNIA**

IN THE MATTER OF INSTALLATION OF AN )  
ALL WAY STOP CONTROL AT THE ) Resolution No. \_\_\_\_\_  
INTERSECTION OF AVENUE 384 (BOSTON ) Agreement No. \_\_\_\_\_  
AVENUE) AND ROAD 8 (NORTH 5½ AVENUE) )

UPON MOTION OF SUPERVISOR \_\_\_\_\_, SECONDED BY  
SUPERVISOR \_\_\_\_\_, THE FOLLOWING WAS ADOPTED BY THE BOARD  
OF SUPERVISORS, AT AN OFFICIAL MEETING HELD April 1, 2014, BY THE  
FOLLOWING VOTE:

AYES:  
NOES:  
ABSTAIN:  
ABSENT:

ATTEST: JEAN M. ROUSSEAU  
COUNTY ADMINISTRATIVE OFFICER/  
CLERK, BOARD OF SUPERVISORS

BY: \_\_\_\_\_  
Deputy Clerk

\* \* \* \* \*

1. Approved the designation of an All Way STOP at Avenue 384 (Boston Avenue) and Road 8 (North 5½ Avenue) as a controlled intersection; and
2. Authorized the installation of STOP signs on Road 8 (North 5½ Avenue) at the intersection of Avenue 384 in accordance with the provisions of Section 2B.07 of the 2012 California Manual on Uniform Traffic Control Devices (CA MUTCD) and Section 22450(c) of the California Vehicle Code.

# Attachment A

