

## **MCDONALD, MELISSA A.**

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**From:** ROMERO, JOHN J  
**Sent:** Tuesday, February 16, 2016 8:41 AM  
**To:** MCDONALD, MELISSA A.  
**Cc:** John Buchser  
**Subject:** RE: Alameda Traffic Study

We had actually conducted a speed study in 2014 from a request through Mayor Coss. We measured the 85 percentile speed to be right around 35mph. Based on that, we recommend the speed limit be left at 35mph which it was.

Traffic Engineering guidelines recommend that we set speed limits at what is called the 85 percentile speed. The 85<sup>th</sup> percentile speed is that speed at which 85 percent of free-flowing vehicles are traveling at or below. Use of the 85<sup>th</sup> percentile is based on the theory that the large majority of drivers are reasonable and prudent, do not want to be involved in a crash, and desire to reach their destination in the shortest time possible. Also, several studies have been conducted which demonstrated that drivers traveling either slower or faster than the 85<sup>th</sup> percentile speed have a higher crash involvement. Posting the speed limit at the 85<sup>th</sup> percentile speed informs drivers of the speed which is expected to minimize their risk of accident. Also, other studies performed by the a Federal Highway Administration show that there was generally less than a 2-mph difference in the operating speed when a posted speed limit is lowered contrary to what the measured 85 percentile speed is.

Based on all of this, we do not recommend changing the speed limit.

-jjr

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**From:** ROMERO, JOHN J  
**Sent:** Tuesday, February 16, 2016 8:32 AM  
**To:** MCDONALD, MELISSA A.  
**Cc:** John Buchser  
**Subject:** RE: Alameda Traffic Study

We will conduct a study and let you know our determination.

-jjr

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**From:** MCDONALD, MELISSA A.  
**Sent:** Monday, February 15, 2016 2:02 PM  
**To:** ROMERO, JOHN J  
**Cc:** John Buchser  
**Subject:** Alameda Traffic Study

Hi John,  
The River Commission would like to request a traffic study for a speed limit change be done along E. Alameda from Guadalupe to St. Francis Drive. Please advise us to the proper procedures.

Thank you,  
Melissa

*Melissa A. McDonald*