

City of San Diego Transportation Department

The traffic safety studies for Biona and Adams.

They did traffic evaluations for (1) an all-way stop, (2) traffic calming, and (3) crosswalk have been completed. The results are summarized below:

- 1. Our traffic evaluation for an all way stop at the intersection of Adams Avenue and Biona Drive has been completed. Stop signs are intended to establish right-of-way for motorists entering an intersection. Stop signs are most effective when motorists perceive a convincing reason, such as frequent cross traffic, pedestrians, or a visibility limitation to come to a complete stop to avoid possible conflicts. An inappropriately placed stop sign may decrease safety. According to Council Policy 200-08, an all-way stop is justified by 20 or more points. Our evaluation included analysis of key factors such as traffic and pedestrian volumes, reported accidents, visibility, and other special conditions. The intersection scored 13 points out of the required 20 points. An all-way stop is not recommended at this location. The stop signs facing traffic on Biona Drive sufficiently establishes right-of-way.*
- 2. Our traffic evaluation along Adams Avenue between 42nd Street and Biona Drive for traffic calming measures has been completed. We conducted a 24-hour study of traffic speed and volume along Adams Avenue between 42nd Street and Biona Drive. The results of the study indicates that the 85th percentile speed (speed at which 85 percent of the motorists are driving at or below) is 28 miles per hour (mph) for the eastbound direction and 29 mph for the westbound direction of traffic. The average speed is 22 mph for the eastbound direction and 24 mph westbound direction of traffic. The average daily traffic is approximately 6,300 vehicles per day. The posted speed limit along this segment is 25 mph. Our field visit confirmed that there are existing "SPEED LIMIT 25" signs posted for both directions of traffic along Adams Avenue. The results of this study indicate that the majority of motorists are driving near the speed limit of 25 mph. Therefore, traffic calming measures are not recommended along Adams Avenue.*
- 3. Our traffic evaluation for an uncontrolled marked crosswalk at the intersection of Adams Avenue and Biona Drive has been completed. According to Council Policy 200-07, uncontrolled marked crosswalks are justified by meeting each of the Basic Warrants and scoring 16 or more points under the Point Warrants. The criteria consists of the examination of various roadway conditions relevant to pedestrian safety including the number of pedestrians crossing the road, the speed of traffic, the number of available gaps in traffic, and other general roadway features. Our crosswalk evaluation determined that this location meets the criteria established in Council Policy 200-07 for a marked crosswalk. We recommend a high visibility continental crosswalk with pedestrian activated rectangular rapid flashing beacons (RRFBs) for this location. The crosswalk with RRFBs will be placed on a priority list to compete against other similar locations*

for funding. Once funding becomes available we will proceed with the implementation process.