

City of Alameda Guidelines For White Crosswalk Installation At Uncontrolled Intersections On City Streets

Background

Crosswalk markings provide guidance for pedestrians who are crossing streets by defining and delineating paths. These guidelines have been developed in order to ensure that crosswalks are installed at uncontrolled crossings where there are adequate gaps in the traffic stream for pedestrians to cross comfortably.

Warrants

Crosswalks may be considered at a crossing in Alameda if it meets the following conditions:

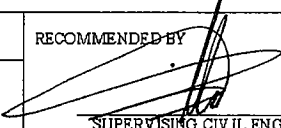

- A. The crossing is located at an intersection. If it is not at an intersection, then the proposed crossing must not be within a horizontal or vertical curve.
- B. The crossing has ADA accessible ramps at both ends of the crossing or funding is available for such improvements.
- C. The intersecting streets are not offset or at a skewed angle.

A crossing with the above characteristics is considered a candidate for crosswalk markings if it meets the conditions described in Section 1.

Section 1 - the intersection or proposed crossing location must meet all of the following criteria:

- 1. Minimum pedestrian volume (for adjacent land use) of 20 pedestrians per peak hour, 15 child and/or elderly pedestrians per peak hour, or 200 pedestrians per day
- 2. Minimum street width of 30 feet
- 3. ADT:
 - a. Less than or equal to 15,000 if 2 lane street,
 - b. Less than or equal to 12,000 if 3 lane street (one of the lanes must be a two-way center lane or a left-turn pocket),
 - c. Less than or equal to 12,000 if 4 lane street with a raised median*,
 - d. Less than or equal to 9,000 if 4 lane street without a raised median.
- 4. Truck volume during peak hours is 2% or less
- 5. Adequate street lighting as per AP&T standards
- 6. Adequate Stopping Sight Distance is available as per commonly accepted engineering standards.
- 7. The proposed painted crosswalk will not be within 300 feet of another painted crosswalk.

*The raised median or crossing island must be at least 4 ft wide and 6 ft long to adequately serve as a refuge area for pedestrians in accordance with MUTCD and American Associates of State Highway and Transportation Officials (AASHTO) guidelines.

CITY OF ALAMEDA GUIDELINES FOR WHITE CROSSWALK INSTALLATION AT UNCONTROLLED INTERSECTIONS ON CITY STREETS	RECOMMENDED BY  SUPERVISING CIVIL ENGINEER DATE 02/12/08	APPROVED BY  PUBLIC WORKS DIRECTOR DATE 2-13-08
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