

City of Alameda Guidelines For Pedestrian Paddle Installation On City Streets

Background

Pedestrian Paddles can be effective in increasing the proportion of motor vehicles yielding to pedestrians waiting to cross at uncontrolled crosswalks. Pedestrian Paddles increase the motorists' awareness that pedestrians are waiting to cross – similar to bulb-outs, but much more cost-effective. Although Pedestrian Paddles are not that expensive, they should not be installed at every uncontrolled crosswalk. And these guidelines have been developed to ensure that the Pedestrian Paddles are installed where they are most needed in the City.

Warrants

Pedestrian Paddles may be installed at crosswalk locations in the City where (A) the crosswalk is marked and (B) applicable warning signs (W11-2 & W16-7p or S1-1 & W16-7p) have already been installed. A crosswalk that meets the above characteristics is considered a candidate for the installation of a Pedestrian Paddle if the conditions described in Section 1 and Section 2 are met.

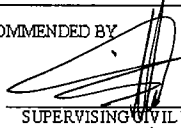

Section 1. Condition - the crosswalk must meet all of the following criteria:

1. The crosswalk is not controlled by a Yield sign, Stop sign, or traffic signal
2. Average Daily Traffic (ADT) is ≥ 2000
3. Minimum Pedestrian volume of 20 per peak hour or 200 per day
4. Minimum lane widths as shown in the table below.

Speed limit	Parking prohibited (both sides)	Parking permitted (both sides)
25 mph - not a bus or truck route	11 ft (22 ft two-way street)	19 ft (38 ft two-way street)
35 mph <u>or</u> 25 mph and bus or truck route	12 ft (24 ft two-way street)	20 ft (40 ft two-way street)

Section 2. Condition - the crosswalk must meet one of the following five criteria:

1. Crosswalk is immediately adjacent to a school (grades K-12), park, government building, or major pedestrian attractor (e.g. grocery store)
2. Street at crosswalk has three or more traffic lanes
3. Auto-pedestrian injury at crosswalk within the last five years
4. Clear unrestricted sight distance to the crosswalk is not possible due to uncorrectable conditions
5. If the street at the crosswalk has two traffic lanes, $ADT \geq 9000$

CITY OF ALAMEDA GUIDELINES FOR PEDESTRIAN PADDLE INSTALLATIONS ON CITY STREETS	RECOMMENDED BY  SUPERVISING CIVIL ENGINEER DATE <u>07/06/10</u>	APPROVED BY  PUBLIC WORKS DIRECTOR DATE <u>7-6-10</u>
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July 1, 2010