



# WILDWOOD

## MEMORANDUM

To: Administration/Public Works Committee Members  
From: Rick C. Brown, Director of Public Works / City Engineer  
Date: September 4, 2023  
Re: Consideration of Future Rapid Flashing Beacon Installations at Crosswalks

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### **Background**

At previous Committee meetings, Council Members have expressed the desire to see additional installations of rapid rectangular flashing beacons (RRFB's) at existing crosswalks. In that regard, it was recommended that the Department develop a methodology to evaluate and compare proposed installations. Thus, the following policy and procedure has been developed.

### **Request**

The Department is requesting the Committee's review, comment and approval of the following draft policy. It should be noted that the Board of Public Safety has this policy on their agenda for consideration at their September 7<sup>th</sup> meeting.

I will be available at the September 5, 2023, Admin/Public Works Committee meeting for any questions regarding this matter.

RCB



# WILDWOOD

## A POLICY ON THE USE OF RAPID RECTANGULAR FLASHING BEACONS (RRFB'S) AT EXISTING CROSSWALKS

(Adopted \_\_\_\_\_)

### Purpose

To ensure that capital improvement funds are utilized where the greatest benefit is obtained, the Department of Public Works will evaluate requests for the installation of rapid rectangular flashing beacons (RRFB's) at existing crosswalks based on the following procedure and methodology.

### Procedure

The installation of RRFB's at an existing crosswalk shall be considered warranted if there is a direct crash history that can be reduced with the installation. Absent a crash history, RRFB's shall be considered for installation only at:

1. Mid-block locations where the installation will have a clear positive impact on pedestrian safety and
2. Where there are no other practical means for a pedestrian to safely cross the road within 200 feet (such as a pedestrian bridge/tunnel, traffic signal, stop sign or other RRFB installation).

Crosswalks where rapid rectangular flashing beacons are proposed for installation will be evaluated based on eight criteria or categories as shown in Table 1. These criteria have been developed to provide a means to evaluate and contrast the benefits of a proposed installation. Each evaluation criteria will receive a score of 0, 1 or 3, with a score of 3 indicating a greater need. Proposed crosswalks that receive a score of 5 or greater will generally be considered warranted for the installation of rapid rectangular flashing beacons.

<b>Table 1</b>			
<b>Category</b>	<b>Evaluation Criteria</b>	<b>Evaluation Score</b>	
<b>Category 1</b>	<b>85th % Traffic Speed (mph)</b>	<b>Scoring</b>	<b>Actual Score</b>
A.	If less than 30 mph	Zero Points	
B.	If 30 mph to 40 mph	1 Point	
C.	If greater than 40 mph	3 Points	
<b>Category 2</b>	<b>Pedestrian Volume</b>	<b>Scoring</b>	<b>Actual Score</b>
A.	If less than 12 per day	Zero Points	
B.	If 12 to 50 per day	1 Point	
C.	If greater than 50 per day	3 Points	
<b>Category 3</b>	<b>Traffic Volume (Average Weekday Traffic (AWT))</b>	<b>Scoring</b>	<b>Actual Score</b>
A.	If less than 2500 AWT	Zero Points	
B.	If 2500 to 5,000 AWT	1 Point	
C.	If greater than 5,000 AWT	3 Points	
<b>Category 4</b>	<b>Number of Lanes</b>	<b>Scoring</b>	<b>Actual Score</b>
A.	If crosswalk crosses two lanes	Zero Points	
B.	If crosswalk crosses more than two lanes	3 Points	
<b>Category 5</b>	<b>Type of Road</b>	<b>Scoring</b>	<b>Actual Score</b>
A.	If crosswalk is over a residential street	Zero Points	
B.	If crosswalk is over a collector street	1 Point	
C.	If crosswalk is over an arterial street	3 Points	
<b>Category 6</b>	<b>Funding for Implementation</b>	<b>Scoring</b>	<b>Actual Score</b>
A.	If cost is 100% City	Zero Points	



## WILDWOOD

B.	If cost is to be shared with another entity	1 Point	
C.	If cost is to be solely paid for by another entity	3 Points	
<b>Category 7</b>	<b>Adjacent Land Use</b>	<b>Scoring</b>	<b>Actual Score</b>
A.	If crosswalk provides direct park or playground access	1 Point	
B.	If crosswalk provides direct school access	3 Points	
<b>Category 8</b>	<b>Trail Crossing</b>	<b>Scoring</b>	<b>Actual Score</b>
A.	If crosswalk provides direct access to trail	1 Point	
B.	If crosswalk is on existing trail system	3 Points	

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