

**RESOLUTION #2023-20**

**A RESOLUTION BY THE CITY COUNCIL OF THE CITY OF WILDWOOD, MISSOURI, APPROVING A POLICY ON THE USE OF RAPID-FLASHING BEACONS AT EXISTING CROSSWALKS.**

**WHEREAS**, the City of Wildwood (City) is supportive of measures that increase the safety of pedestrians on City roads; and

**WHEREAS**, with a goal of increasing pedestrian safety, the City has installed numerous marked crosswalks on City streets; and

**WHEREAS**, the City has also installed Rapid Rectangular Flashing Beacons (RRFBs) at several of these pedestrian crosswalks within the City; and

**WHEREAS**, RRFBs are generally proven to increase pedestrian safety where installed at appropriate crosswalks; and

**WHEREAS**, there are numerous existing crosswalks throughout the City lacking the installation of RRFBs; and

**WHEREAS**, to allow the Department of Public Works to objectively review and evaluate the proposed installation of RRFB's at existing crosswalk locations on City streets, a "Policy on the Use of Rapid Rectangular Flashing Beacons (RRFB's) at Existing Crosswalks" (Policy) has been developed for approval and implementation; and

**WHEREAS**, on September 5, 2023, the Administration and Public Works Committee reviewed and approved the Policy; and

**WHEREAS**, on September 7, 2023, the Board of Public Safety reviewed and approved the Policy; and


**WHEREAS**, this Resolution and the Policy as set forth below, have been determined by the City Council to be in the best interest of the public's health, safety, and general welfare.

**NOW THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF WILDWOOD, MISSOURI, AS FOLLOWS:**

**Section One.** That City Council of the City of Wildwood, Missouri, does hereby adopt the attached Policy on the Use of Rapid Rectangular Flashing Beacons (RRFB's) at Existing Crosswalks attached hereto as **Exhibit A** and incorporated by reference herein.

**Section Two.** This Resolution shall be in full force and effect from and after its passage and approval.

Passed and resolved by the Council of the City of Wildwood this 9th day of October, 2023.

BY:   
James R. Bowlin, Mayor

ATTEST:

  
Megan Eldridge, City Clerk



# WILDWOOD

## Exhibit A

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

(Adopted 0/9/2023)

**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 (RRFBs) at existing crosswalks based on the following procedure and methodology.

**Procedure**

The installation of RRFBs 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, RRFBs 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 were developed 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 showing a greater need. Crosswalks that receive a score of 5 or greater will generally be considered warranted for the installation of rapid rectangular flashing beacons.

Table 1			
Category	Evaluation Criteria	Evaluation Score	
<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	



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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	
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	