

## **Interim Addendum to 2016 ATMS – approved by FHWA 6/10/2019**

Additions or deletions by this proposed interim addendum are highlighted in yellow. ATMS language, whether proposed or existing, is shown in blue to indicate revision of MUTCD language. Additional MUTCD paragraphs may have been included for context.

### **Section 4L.100 Rectangular Rapid Flashing Beacons**

#### Support:

01 A Rectangular Rapid Flashing Beacon is a pedestrian actuated warning beacon with two sections that operate in a flashing mode. It provides emphasis to motorists for existing marked and signed uncontrolled pedestrian and school crosswalk locations. The beacons are not signals and do not establish a regulatory requirement for yield or stop control for motorist.

#### Option:

02 A Rectangular Rapid Flashing Beacon may be installed where all conditions A through F are present:

- A. The crosswalk is installed in accordance with Table 3B-101 of the Alaska Traffic Manual Supplement;
- B. There are more than two lanes;
- C. The posted speed is 40 mph or greater;
- D. The nearest controlled crossing location is more than 300 feet away;
- E. The yield-to-pedestrian compliance is low; and,
- F. **The regional traffic and safety engineer (RTSE) or other public or private authority or official having jurisdiction over traffic control devices (Agency Official)** determines adjacent signal operations will not be negatively impacted.

03 A Rectangular Rapid Flashing Beacon may be installed at other locations where the **RTSE Agency Official** determines adjacent signal operations will not be negatively impacted and unsatisfactory site-specific conditions exist, such as:

- A. Pedestrian accident history;
- B. High occurrence of avoidance maneuvers by motorists or pedestrians, or;
- C. School crossings on a rural NHS route.

#### Standard:

04 Rectangular Rapid Flashing Beacon units and their mountings shall comply with the following FHWA guidance:

- A. **Interim Approval for the Optional Use of Pedestrian-Actuated Rectangular Rapid-Flashing Beacons at Uncontrolled Marked Crosswalks (IA-21) 3/20/2018-Interim Approval for Optional Use of Rectangular Rapid Flashing Beacons (IA-11) 7/16/2008;** and,
- B. **Applicable FHWA official interpretations published on the FHWA MUTCD Interim Approvals webpage at the time of installation.**

05 Rectangular Rapid Flashing Beacon units shall not be installed for overhead applications or with the combined Bicycle/Pedestrian (W11-15) sign without prior written approval of the **State Traffic and Safety Engineer (STSE)-Agency Official.**

06 Pushbutton detectors and R10-25 signs, or passive detection, shall be installed for each crossing direction and on the median if pedestrians cross in two stages using a refuge island.

07 Rectangular Rapid Flashing Beacons shall not be installed at signalized, stop or yield controlled approaches.

#### Guidance:

08 Other crosswalk enhancements should be considered prior to installation of Rectangular Rapid Flashing Beacons.

**Standard:**

**09 Provide the following information to the ~~STSE State Traffic and Safety Engineer~~ for each Rectangular Rapid Flashing Beacon installation:**

- A. **Location;**
- B. **Date installed; and,**
- C. **List of FHWA official interpretations applied in the installation.**