

LEARN WHAT'S NEW IN IA-21 VS. IA-11



RRFBs are back: here's how to put them in action in your state.

On March 20, 2018, the Federal Highway Administration issued [Interim Approval 21 – Rectangular Rapid-Flashing Beacons at Crosswalks](#) in the Manual on Uniform Traffic Control Devices (MUTCD).

The Basics

IA-11 is no longer valid: existing RRFBs installed under IA-11 may remain operating until the end of their useful serviceable life. Action: See the [FAQ questions #6–7](#) for more information on previously installed RRFBs and the definition of "Serviceable Life."

All state and local agencies must apply for new approvals under IA-21. Submit applications to the Office of Transportation Operations: MUTCDofficialrequest@dot.gov

Breaking down the Conditions of Interim Approval

What you need to know

How we can help

Section 5b: Beacon Flashing Requirements

Only one flash pattern is permitted: wig-wag + simultaneous (WW+S).

All Carmanah units installed since 2013 are already utilizing the MUTCD-compliant WW+S flash pattern required under IA-21.

Section 6c: Beacon Operation

R10-25 sign explaining the purpose and use of the pedestrian pushbutton detector must accompany pushbuttons.

Contact us to determine the components you need for your installation.

Section 7: Accessible Pedestrian Features

What can be used: locator tone or voice message "yellow lights are flashing," spoken twice.

Carmanah has been supplying this compliant AP pedestrian pushbutton since 2014.

What cannot be used: vibrotactile indications or percussive indications.

Key contacts

- Questions about the IA-21 – Contact Duane Thomas: duane.thomas@dot.gov
- Complimentary site assessment – Contact our team: traffic@carmanah.com

Other resources

- FHWA FAQ: https://mutcd.fhwa.dot.gov/resources/interim_approval/ia21/faq/index.htm
- Our press release: <https://carmanah.com/RRFB-reinstated>



WE SIMPLIFY PLANNING.

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