

6540202 MIDBLOCK CROSSWALK ENHANCEMENT ASSEMBLIES
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

Anonymous

Comments: (11-27-17)

The use of "Assemblies" twice in Heading 654-2.2.1 is unnecessary, suggest deleting one of them.

Response:

Bob Butterfield
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Comments: (11-17-17)

1. 654-2.2.1: "RRFB assemblies must be attached to a W11-2 (Pedestrian) or S1-1 (School) crossing warning sign." This statement could be misunderstood such that the RRFB assembly must actually be physically attached to the sign rather than share the same ground sign post. Perhaps reword to something like "RRFB assemblies must be attached to a sign post displaying W11-2 (Pedestrian) or S1-1 (School) crossing warning sign."

Response:

2. 654-2.2.3 Operation: "The duration of the predetermined period shall be programmable and capable of matching the pedestrian clearance time for pedestrian signals as determined by MUTCD procedures." Suggest being more specific on the origin of the "predetermined period". Perhaps revise to "The duration of the predetermined period as shown in the Plans shall be programmable and capable of matching the pedestrian clearance time for pedestrian signals as determined by MUTCD procedures."

Response:

Maria Connolly
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Comments: (11-27-17)

654-2.2.1 is somewhat confusing to me. Recommend changing from "Rectangular Rapid Flashing Beacon (RRFB) Assemblies Sign Assemblies" to "654-2.2.1 Rectangular Rapid Flashing Beacon (RRFB) Assemblies on Sign Assemblies"

Response:

Bijan Behzadi

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Comments: (11-28-17)

1. Suggest the following language be considered since these devices are activated by pedestrian push button and must communicate to another beacon in the system: The system shall have an auxiliary 12 VDC power output to power third party devices such as wireless radios or sensing equipment. The beacon shall be capable of activation by pedestrian push button, or by the wireless activation signal from another unit, and shall flash at a rate of not less than 50 nor more than 60 times per minute. The flashing duration shall be configurable in the field from 5-60 seconds, at 1 second increments as shown in the contract plans. Each unit shall be able to transmit a wireless activation signal to the other beacon in the system.

Response:

2. 654-2.2.1, please consider adding the following performance requirement: The two RRFB shall include Amber LED light bars that are waterproof and have Ingress protection (IP) rating of 67. The product shall be FCC certified to comply with all 47 CFR FCC part 15 subpart B emission requirements.

Response:

Anonymous

Comments: (11-30-17)

654-5-3 Consider including the pole in the pay item instead of paying for it separately. Different pole diameters may require different pay item numbers.

Response:.

Christine Lofye
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Comments: (12-1-17)

"All RRFBs associated with a single crosswalk (including those with an overhead or advance crossing sign, if used) shall simultaneously commence operation of their alternating rapid flashing indications and shall cease operation simultaneously." Question: We have some locations where there is sufficient space or pedestrians to wait in a median and the median is equipped with RRFBs and pedestrian pushbuttons to activate the RRFB for the second half of the crossing. Is it no longer allowed to cross the pedestrian one half at a time?

Response:

Melissa Hollis

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Comments: (12-5-17)

Please clarify components included in "Assembly". Current specification includes all components (multiple sign assemblies, controller for entire crossing, etc.) for payment as a single assembly.

(Elizabeth and I talked this morning. We'll continue to follow-up to clarify which components are included in a single "assembly".)

Response:

Paul Schmidbauer
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Comments: (12-7-17)

654-5.31 and 654-5.32 A pedestrian push button is left out of the assembly list. It should be included in addition to pedestrian detectors. The pedestrian needs a means of manual activation should the pedestrian detector be inoperable.

Response:
