



TOWN OF FAIRFAX

STAFF REPORT

March 7, 2018

TO: Mayor and Town Council

FROM: Garrett Toy, Town Manager GT

SUBJECT: Approve flashing crosswalk systems at Azalea Ave. and Sir Francis Drake Blvd. and Mitchell Dr. and Sir Francis Drake Blvd. in an amount not to exceed \$45,000

RECOMMENDATION

Authorize the Town Manager to spend up to \$45,000 to install flashing crosswalk systems at Azalea Avenue and Sir Francis Drake Blvd. and Mitchell Drive and Sir Francis Drake Blvd.

BACKGROUND

Councilmembers have expressed a desire to install flashing beacon systems at two crosswalks on Sir Francis Drake Boulevard. The Town's consulting traffic engineer concurs these would be good locations for such systems.

The systems to be installed will be different from the rectangular rapid flashing beacon (RRFB) systems installed on Sir Francis Drake and Center Boulevards. Unfortunately, the RRFB system is under a patent dispute and is no longer allowed under the Federal Highway Administration Manual on Uniform Traffic Control Devices (MUTCD) for streets and highways. The new system will allow for the retrofit with an RRFB if the MUTCD regulations change.

Attached is a flyer showing two types of MUTCD-compliant systems. The Town's traffic engineer recommends Option 1. The systems would be installed by DC Electric, the contractor that the Town uses to maintain its traffic and street lights.

FISCAL IMPACT

The \$45,000 budget will be sufficient to install the systems including any necessary concrete and tree trimming work. The project will be charged to FY17-18 CIP Street Resurfacing & Repair (Fund 53-887).

ATTACHMENT

Flyer



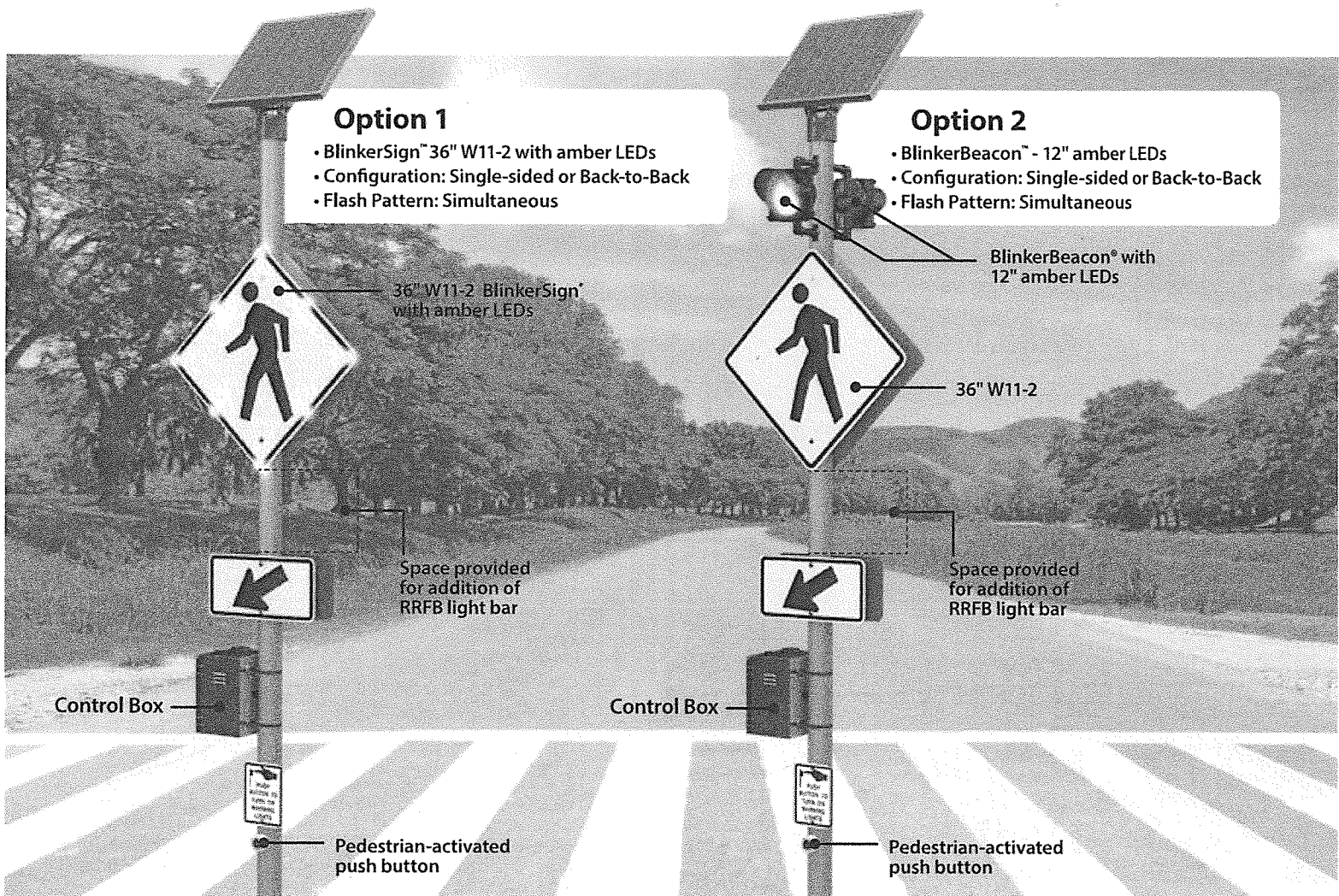
Pedestrian Crosswalk Solutions

Upgrade to MUTCD-Compliant Systems

The Federal Highway Administration's decision to rescind the Interim Approval for Optional Use of Rectangular Rapid Flashing Beacons (IA-11) doesn't mean your community should be left without proven pedestrian crossing solutions.

Anticipating this decision, TAPCO has designed two LED-enhanced, MUTCD-compliant pedestrian crossing systems that can be as effective as RRFB systems. Both options have the unique capability to synchronize flash patterns on each side of the pedestrian crossing and back-to-back on each pole. Best of all, TAPCO control systems allow for RRFB light bars to be easily added in the future without replacing or dismantling the system.

To get started, just choose one of the options below and contact your TAPCO account manager to learn more. For state-specific guidelines, please contact us for information on additional variations on these systems.



(800) 236-0112

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