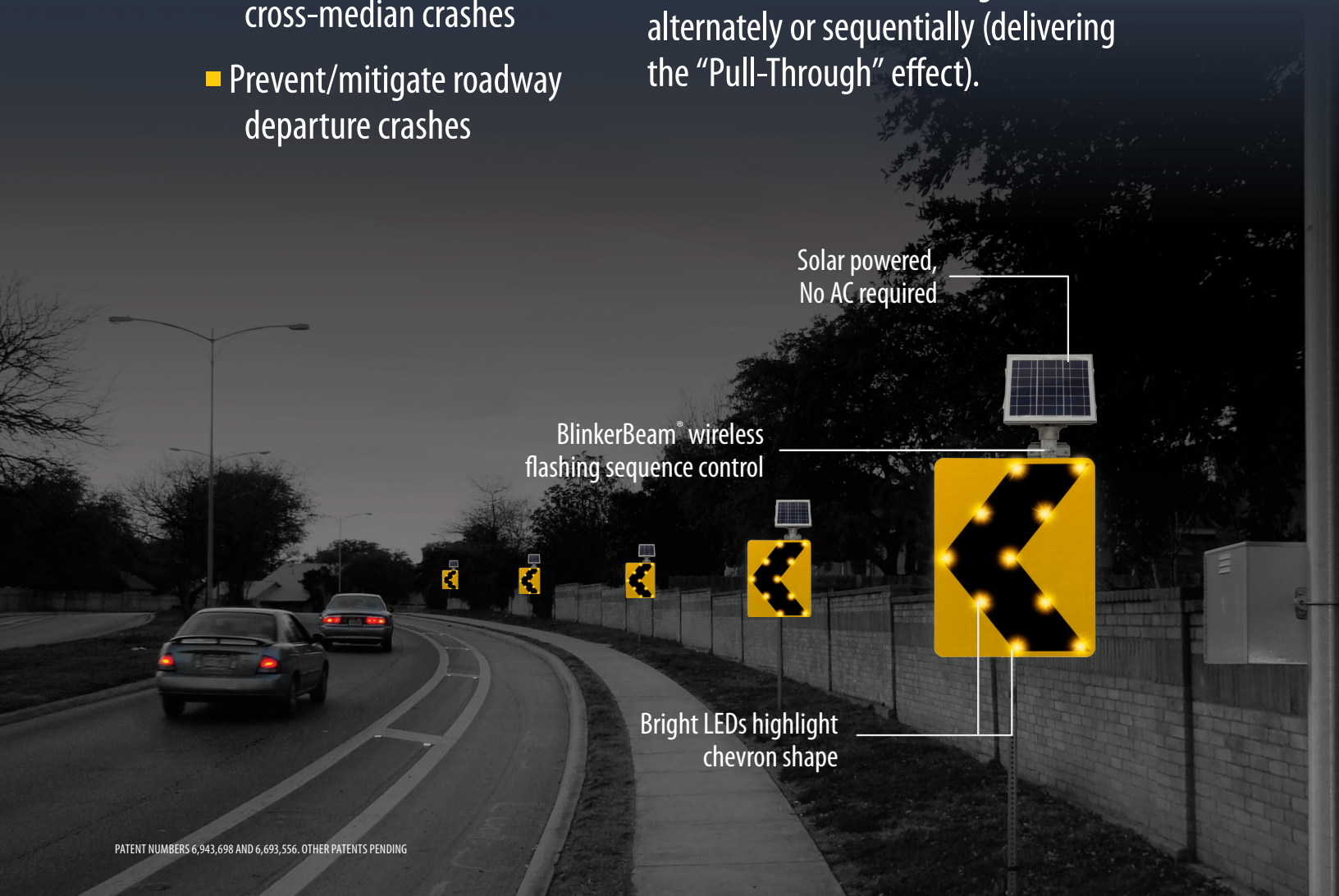
TAPCO®
Safe travels.®

Blinker™ LED Products

BlinkerChevron™ Dynamic Curve Warning and Guidance Systems

- Wireless
- MUTCD compliant
- Solar and 110v power options
- Reduce speed-related crashes
- Reduce head-on and cross-median crashes
- Prevent/mitigate roadway departure crashes

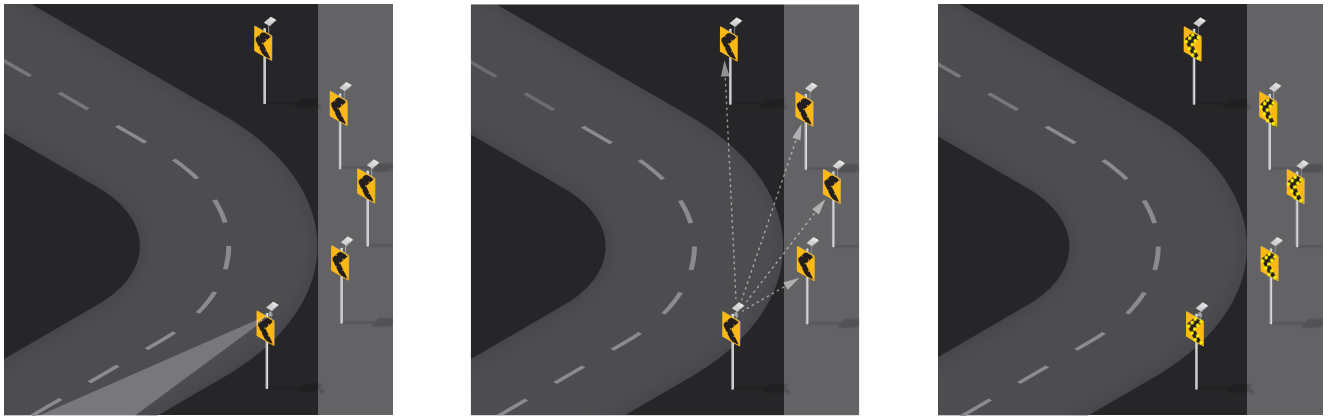
BlinkerBeam® wireless communication, BlinkSync™ synchronization & BlinkerChevron™ LED signs function dynamically to warn and guide motorists through a dangerous curve. Once activated, the BlinkerChevron™ LED signs flash alternately or sequentially (delivering the "Pull-Through" effect).



PATENT NUMBERS 6,943,698 AND 6,693,556. OTHER PATENTS PENDING

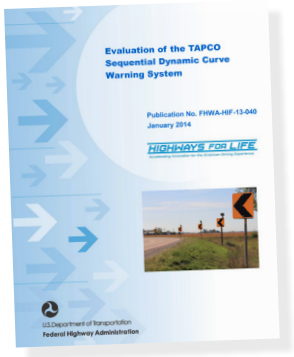
The BlinkerChevron™ Dynamic Curve Warning System at Work

BlinkerBeam® wireless communication, BlinkSync™ synchronization & BlinkerChevron™ LED signs function dynamically to warn and guide motorists through a dangerous curve. Once activated, the BlinkerChevron™ LED signs flash alternately or sequentially (delivering the "Pull-through" effect).



Radar vehicle detection

A Federal Highway Administration evaluation project found that a solar-powered traffic signage system reduces vehicle speed and crashes on horizontal curves, where the crash rate is triple that of other highway segments.



FHWA conducted the study under the Technology Partnerships program, part of the Highways for LIFE pilot program to accelerate the use of proven innovations in the highway community.

The project evaluated the safety benefits of the Sequential Dynamic Curve Warning System, manufactured by Traffic & Parking Control Co. Inc. of Brown Deer, Wisconsin.

More than a quarter of fatal crashes occur at horizontal curves, and the majority of curve-related crashes involve roadway departure because of speeding or driver error.

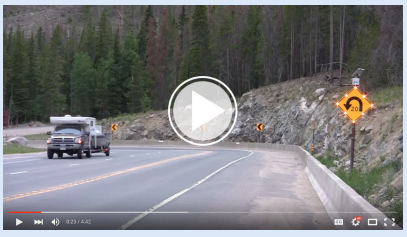
The team conducted a speed analysis to determine the safety benefits of the system:

- The system was effective at reducing vehicle speeds during all data collection periods from one to 24 months after installation, which suggests that drivers don't get used to the system and begin to ignore it over time.
- More drivers traveled at or slightly below the speed limit after the system was installed, but the largest reduction was in drivers exceeding the speed limit by 20 or more miles per hour.
- Higher decreases were found at the point of curvature, which suggests that drivers respond to the system and reduce their speed before entering the curve.

The team also collected crash data that indicate positive safety benefits:

- At three sites, no crashes occurred during the two years after the system was installed.
- At seven sites, crashes dropped between 17 and 91 percent.
- At two sites, crashes increased 7 and 11 percent, respectively.

Download "Evaluation of the Sequential Dynamic Curve Warning System, November 2015" or other studies of TAPCO products here:
http://www.tapconet.com/solar-led-division/resources



Video of Sequential Dynamic Curve Warning System
https://www.youtube.com/watch?v=5yClKNiuDDc

For more information visit tapconet.com | (800) 236-0112 | blinkersales@tapconet.com

TAPCO® MADE IN THE USA GSA Contract Holder GS-07F-5924R GS-07F-0234U U.S. COMMUNITIES GOVERNMENT PURCHASING ALLIANCE Contract Holder 2013-100

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