**Curve Warning Signs**

**DETECT**
Instantly detects approaching vehicles and vehicle speeds

**WARN**
Immediately flashes Curve Warning BlinkedChevron® and BlinkedChevrons

**GUIDE**
BlinkedChevron™ sequential flash pattern delivers a pull-through effect, guiding drivers through the length of the curve

**COLLECT**
Provides officials actionable insight by collecting system activation, vehicle classification and speed data

**BLINKERCHEVRON™ DYNAMIC CURVE WARNING SYSTEM**

Since 2011, Departments of Transportation and traffic engineers have turned to the BlinkedChevron™ Dynamic Curve Warning System to reduce in-curve speeds and keep drivers on the road.

**PROVEN TO REDUCE HORIZONTAL CURVE CRASHES BY 58%**
*Highways for like: evaluation of the sequential dynamic curve warning system

**THE HIGHWAY CURVE PROBLEM**
Highway curves are few and far between yet account for 25 percent of all highway fatalities in the United States. Considered one of the most dangerous highway segments drivers encounter, highway curves produce an average crash rate three times that of other highway segments – leaving traffic professionals responsible to mitigate contributing factors.

**ROADWAY DEPARTURE**
Seventy-five percent of highway curve-related fatal crashes include a single vehicle departing the road and striking fixed objects or overturning. Keeping vehicles on the road is critical to minimizing fatal crashes.

**IN-CURVE SPEEDING**
Reducing vehicle speeds from posted speeds to in-curve advisory speeds is necessary for drivers to carefully navigate the length of the curve.

**DRIVER ERROR**
Immediate curve recognition is essential for drivers - particularly those unfamiliar with the approaching trajectory - to anticipate a change of direction and not veer off the road.
Curve Warning Signs

BlinkerChevron™ Dynamic Curve Warning Systems are engineered to maximize safety on any curve. A combination of flash activations, flash patterns and detection methods can be custom built to fit the uniqueness of your curve.

**FLASH ACTIVATIONS**

24/7 for all day and night flashing alerts
Dusk ‘til Dawn Operation for triggering nighttime-only flashing alerts
TIME CLOCK to program flashing alerts within specific time frames
VEHICLE ACTIVATED activates flashing alerts when vehicle approaches curve
SPEED ACTIVATED activates flashing alerts when vehicle exceeds predetermined speed threshold
WEATHER SMART ACTIVATED adjusts predetermined speed threshold and flashing alerts when unfavorable weather conditions are present

**FLASH PATTERNS**

SEQUENTIAL FLASH PATTERN for broad, long curves

SIMULTANEOUS FLASH PATTERN for quick, sharp curves

COMBINATION OF FLASH PATTERNS for unique curves where in-curve trajectory changes

**DETECTION METHODS**

MULTIPLE DETECTION METHODS available including speed detection and vehicle classification

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Whether you need to increase curve awareness on two-lane, 55 mph roads or reduce in-curve speeds on multi-lane expressways, TAPCO has designed curve warning solutions for every application.

**CURVE WARNING BLINKERSIGN®/BLINKERBEACON™**
Flashing curve warnings alert drivers of approaching changes in road trajectory

**CURVE WARNING MESSAGE BOARDS**
Curve warning message boards display warning messages and flash overhead beacons when drivers are traveling too fast for the curve
Curve Warning Signs

COMPONENTS & FEATURES

- **SOLAR PANEL**
  - efficiently charges system batteries for continuous, autonomous operation

- **DETECTION SENSOR DEVICE**
  - for vehicle speed detection (customizable based on curve configuration and site conditions)

- **ADVANCED ELECTRONIC CONTROLS**
  - designed for reliable, consistent system operation

- **MUTCD-COMPLIANT BLINKERCHEVRON**
  - designed with the latest LED technology for visibility up to 1,000 feet

- **OPTIONAL RUGGEDIZED BLINKERCHEVRON**
  - designed to withstand extreme weather conditions

- **SIGN POST**
  - options to fit system configuration and existing site logistics (round, square, U-channel, wood, metal)

- **BREAKAWAY ANCHOR**
  - engineered to minimize damage when hit

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