

SPEED AWARENESS SOLUTIONS

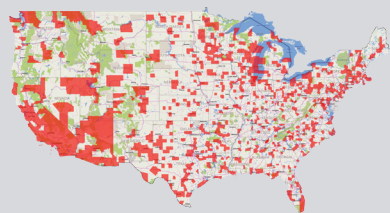




As an industry-leading innovator, TAPCO manufactures, services and distributes a wide portfolio of traffic and parking safety solutions designed to increase safe travels for all. Since 1956, we have set the standard for delivering reliable, cutting-edge traffic safety enhancements. From our world-renowned line of LED-enhanced BlinkerSign® solutions to our pedestrian crossing products and early detection warning systems, safety is at the heart of all TAPCO innovations.

Generations of Expertise

Working alongside traffic professionals for more than 60 years gives our team an exclusive perspective on the past, present and future needs of the traffic and parking safety industry.



A Nationwide Reach

With successful solution installations throughout all 50 states, we understand the safety concerns communities face across the nation.

Innovative, Smart City Technology

Our mission is to continue to lead the industry with an innovative, customer-focused approach that evolves with the technological demands of our customers.



Award-Winning Mindset

At TAPCO, we take pride in establishing and maintaining our innovative culture.

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Vehicle Speeds: A Matter of Life and Death

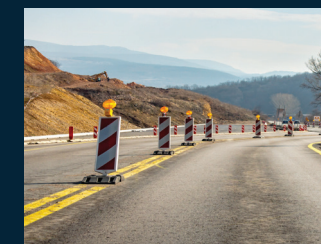
In 2020, speeding fatalities saw an increase of 17% — even though there were less cars on the road. According to the National Highway Traffic Safety Administration (NHTSA), this increase in speeding-related fatalities means that in 2020, 29% of all traffic deaths involved speeding and 11,258 people lost their lives. Therefore, increasing speed awareness at speeding hotspots is a crucial factor that can make the difference between a safe trip and a deadly collision.

Common Speeding Factors



Reduced Speeds in School Zones

Because speed limits in school zones change according to the time of day and season, drivers are more likely to travel at the wrong speeds, putting students in peril.



Newly Constructed Roads

Drivers are more likely to become confused or distracted on new roadways, missing or overestimating the posted speed limit — a major safety hazard for themselves and other road users.



Changing Speed Limits

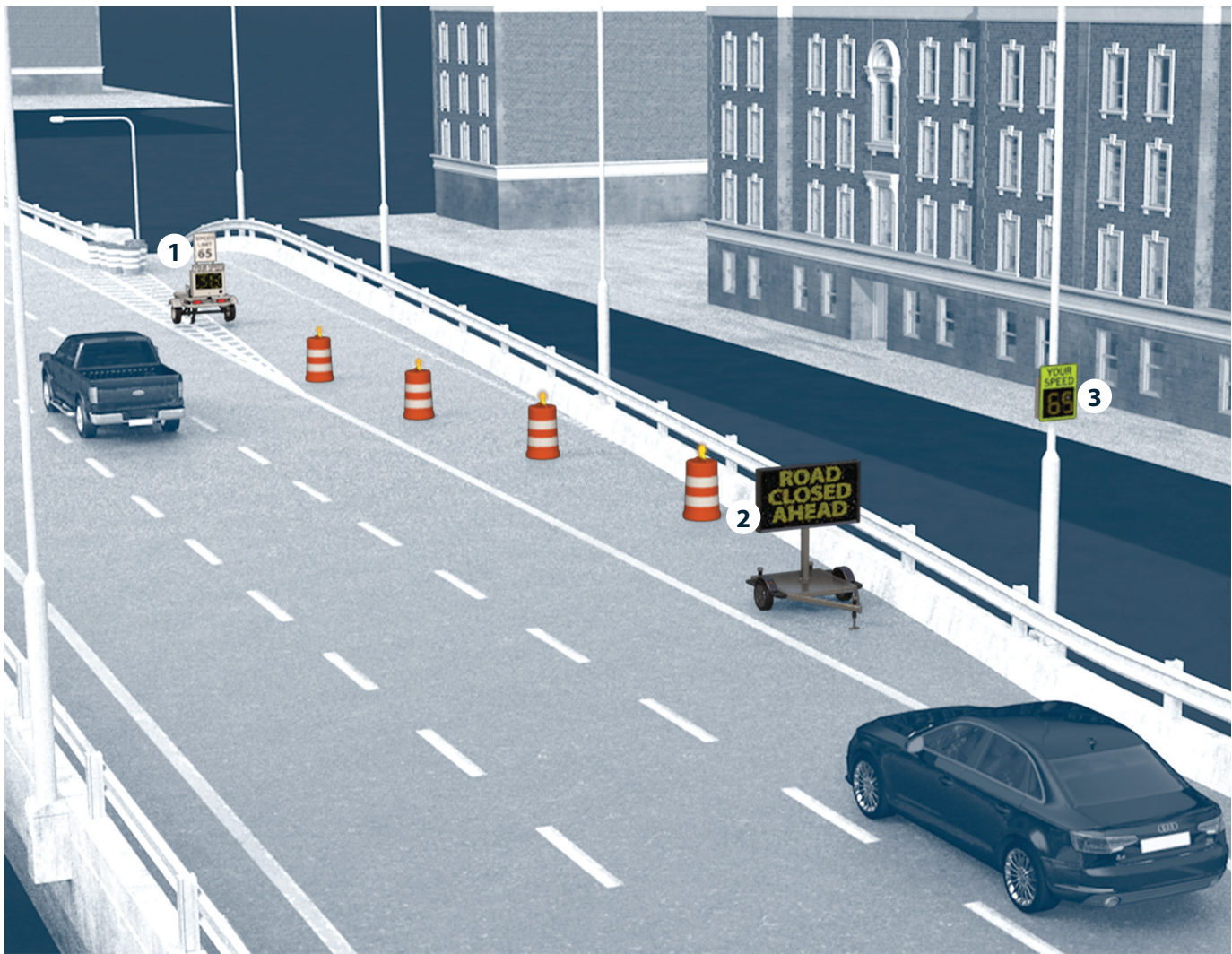
When drivers are familiar with a roadway, they often settle into a speed routine and may not notice a newly posted speed limit, jeopardizing safety.

SYSTEM OVERVIEW

SPEED AWARENESS SOLUTIONS

Thousands of communities across the U.S. and beyond have used TAPCO speed awareness solutions, including LED-enhanced speed limit signs and driver feedback signs, to slow speeding drivers when traditional static speed limit signs were ineffective.

Leverage these cost-effective, MUTCD-compliant solutions in school zones, on corporate campuses and focused roadways with heavy foot traffic, increasing the safety for drivers and vulnerable road users alike.



- 1 RADAR SPEED TRAILER**
Radar speed display trailers calm traffic and automatically adjust to ambient light conditions.

- 2 VARIABLE MESSAGE SIGN**
The board provides drivers with a customizable warning message and displays their speed.

- 3 DRIVER FEEDBACK SIGN**
Radar technology captures and displays drivers' speeds.

SYSTEM OVERVIEW

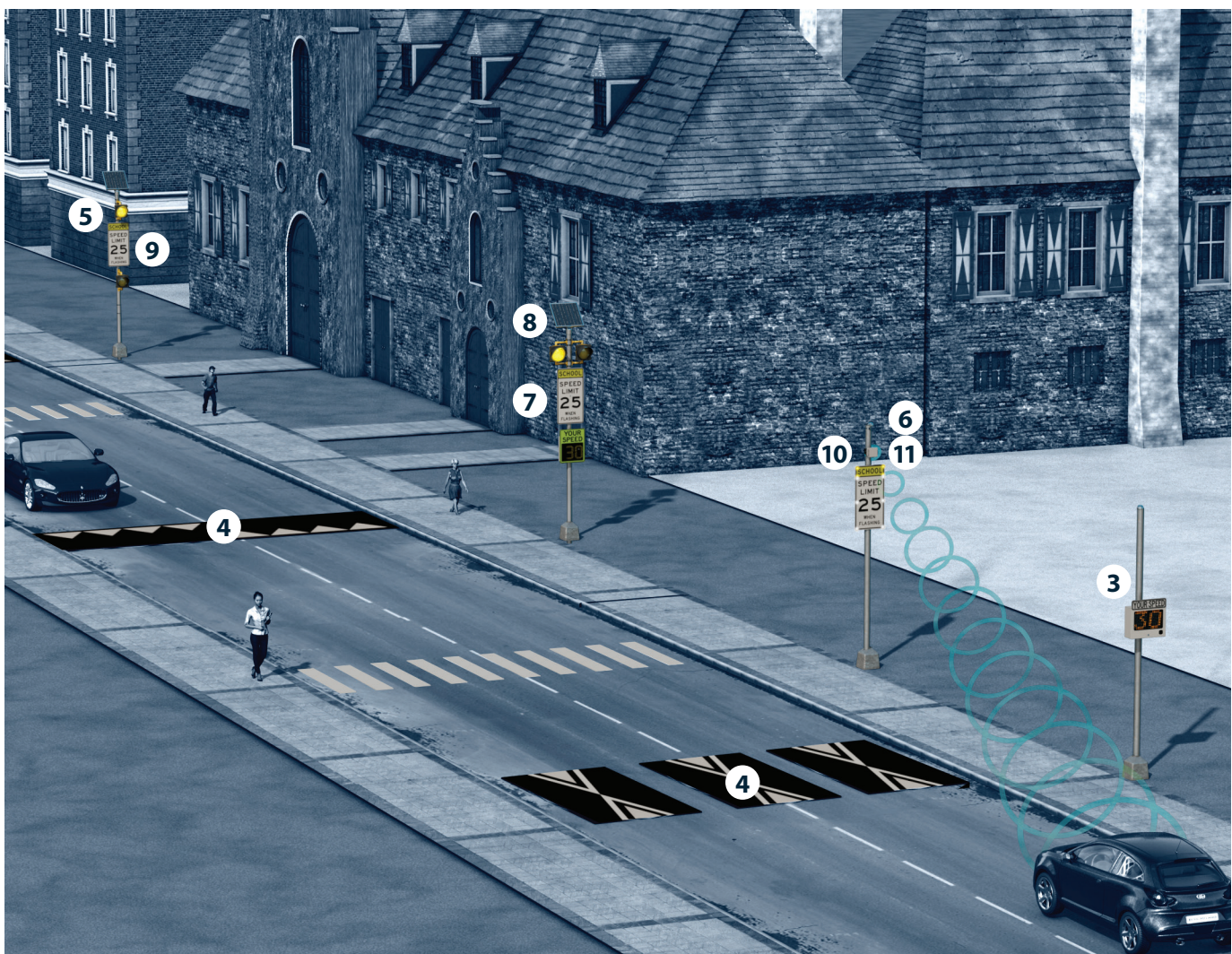
SPEED AWARENESS SOLUTIONS

- 4 SPEED HUMPS, CUSHIONS AND TABLES**
Parabolic raised devices that are placed across roadways to slow traffic.

- 5 BLINKERSIGN® AND BLINKERBEACON™**
Warning alerts command drivers' attention, notifying them of the posted speed limit.

- 6 BLINKLINK®**
BlinkLink® traffic device-monitoring software enables traffic officials to remotely monitor systems and collect data.

- 7 BLINKERRADAR™**
BlinkerRadar™ driver feedback signs paired with school zone speed limit signs and radar feedback signs to inform drivers of their speed and the posted speed limit.



- 8 POWER OPTIONS**
Utilizing solar, battery and/or AC power, systems can be designed to fit your power or environmental needs.

- 9 TIME CLOCK**
A time clock provides traffic engineers with the ability to schedule system activation within specific time frames.

- 10 RADAR**
Radar sensors provides continual driver feedback, triggering warning alerts to flash only when a speeding vehicle is detected.

- 11 TIME CLOCK AND RADAR**
When a speeding vehicle is detected while time clock scheduling is active, amber and white LEDs flash in an eye-catching, wig-wag pattern.

SYSTEM ACTIVATIONS

RADAR AND TIME CLOCK

Customizable options are available for system activation, creating dynamic warnings that increase safety and compliance outcomes.



RADAR

Radar sensors provide continual driver feedback functionality. When a speeding vehicle is detected, flashing, LED-enhanced warning alerts are triggered, increasing speed limit awareness.



TIME CLOCK

Time clocks enable traffic officials to schedule flashing warning alerts. A time clock is ideal for school zones or other areas where pedestrians are highly concentrated at certain times of the day.

SYSTEM ACTIVATIONS

24/7 AND TIME CLOCK WITH RADAR

Speed awareness alerts can configure to flash in different patterns, allowing for customizable options to fit the need of specific locations.



TIMECLOCK WITH RADAR

Amber LEDs flash at scheduled times. When a speeding vehicle is detected, white LEDs also flash to command attention and further promote speed limit compliance.



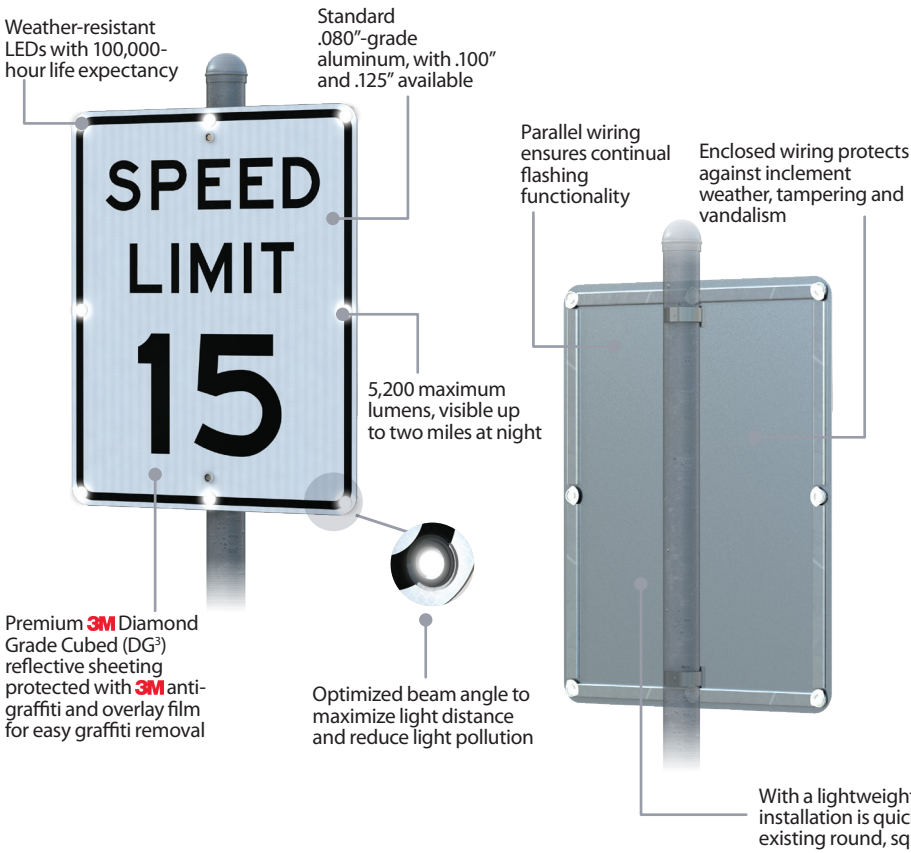
24/7 OPERATION

Because signs with 24/7 flashing, LED alerts are in constant operation, it is a cost-effective first step to improve safety in school and work zones, as well as on newly constructed roads.

LED-ENHANCED WARNING ALERTS

BLINKERSIGN® FLASHING LED SIGNS

BlinkerSign® Flashing LED Signs are engineered to increase drivers' awareness day and night.



MUTCD COMPLIANT

- Each BlinkerSign® is MUTCD compliant and flashes in accordance with MUTCD section 2A.07

HIGH QUALITY, MADE IN THE USA

- Manufactured in Brown Deer, Wisconsin, each BlinkerSign® is engineered to withstand the harshest environmental conditions

VARIABLE DIMMING

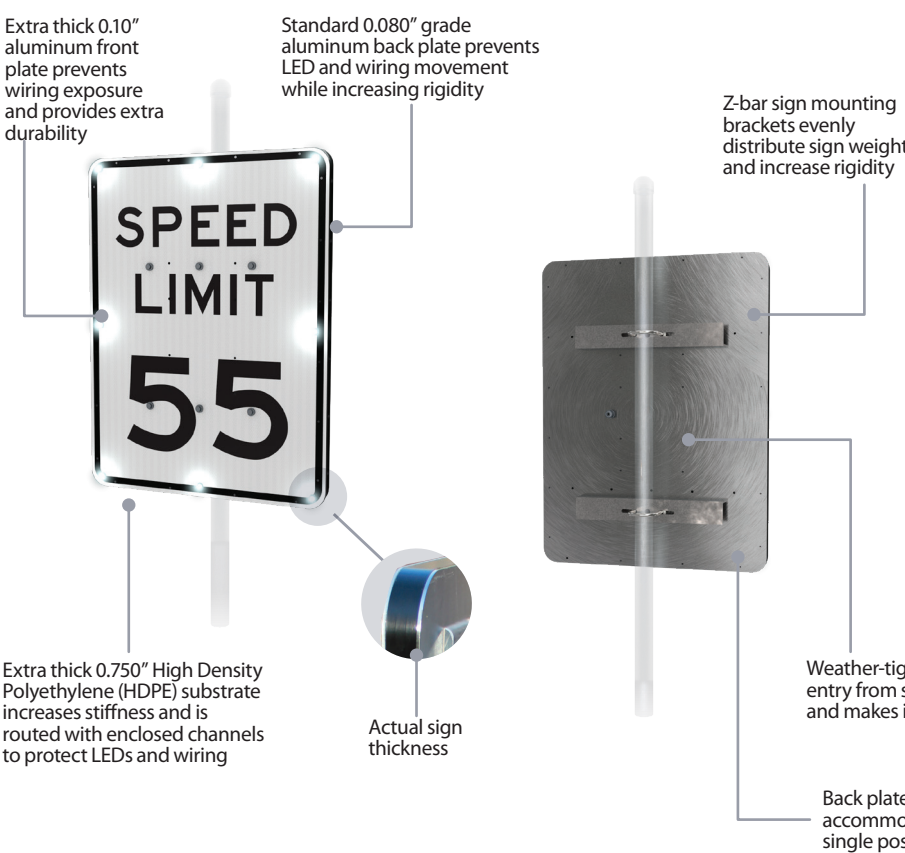
- LEDs automatically dim based on ambient light, maintaining optimal LED output and extending system autonomy



LED-ENHANCED WARNING ALERTS

RUGGEDIZED BLINKERSIGN® FLASHING LED SIGNS

Ruggedized BlinkerSign® Flashing LED Signs are engineered to increase drivers' awareness day and night.



MUTCD COMPLIANT

- Each Ruggedized sign is MUTCD compliant and flashes in accordance with MUTCD section 2A.07

HIGH QUALITY, MADE IN THE USA

- Manufactured and engineered in Brown Deer, Wisconsin, to withstand the harshest environmental conditions

VARIABLE DIMMING

- LEDs automatically dim based on ambient light, maintaining optimal LED output and extending system autonomy



LED-ENHANCED WARNING ALERTS

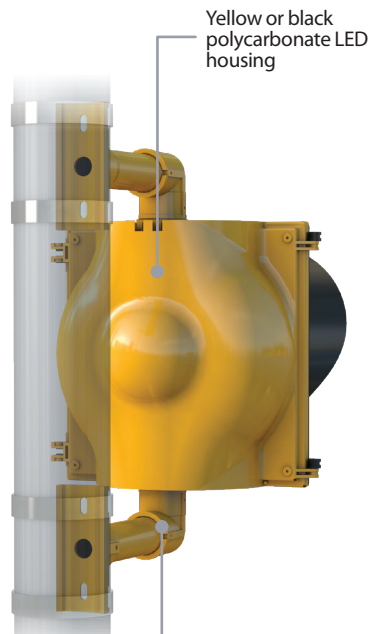
BLINKERBEACON™ FLASHING LED BEACONS

BlinkerBeacon™ Flashing LED Beacons provide drivers with real-time warnings of different speed limits, and other roadway warnings.

12" round amber LED visible up to one mile away at night, with 100,000-hour life expectancy



Black polycarbonate cut visor and door are standard with yellow available upon request



Aluminum mounting assembly painted to match LED housing

MUTCD COMPLIANT

- Each BlinkerBeacon™ can flash in accordance with MUTCD section 4L.03

VARIABLE DIMMING

- LEDs automatically dim based on ambient light, maintaining optimal LED output and extending system autonomy

AVAILABLE OPTIONS

- 8" or 12" LED modules
- ITE-compliant options available
- Cut visor standard, with tunnel visor available

SCHOOL ZONE SOLUTIONS

SCHOOL ZONE SPEED LIMIT WARNING

While paired with BlinkerSign or BlinkerBeacon LEDs, school zone speed limit warning signs command added attention to posted school zone speeds.



SCHOOL ZONE SPEED LIMIT WARNING BLINKERSIGN®

The School Zone Speed Limit BlinkerSign® is enhanced with six white LEDs that surround the perimeter of the speed limit sign face and four amber LEDs that surround the perimeter of the school zone sign face.



SCHOOL ZONE SPEED LIMIT WARNING BLINKERBEACON™

Programmed to flash during set times via time clock functionality, the School Zone Speed Limit BlinkerBeacon™ comes standard with two (2) 12-inch amber LED BlinkerBeacons.



BLINKERRADAR™ SYSTEMS

BLINKERSIGN® AND BLINKERBEACON™

BlinkerRadar™ Driver Feedback Systems are ideal for areas with changing speeds, such as school or construction zones. They are a low-cost, low-maintenance solution proven to increase safety by making drivers more vigilant.

POWER AND CONTROL OPTIONS

FLEX POWER

Flex Power options provide flexible system configuration (for multiple applications) and power requirements — all while allowing ease of access to control cabinets. TAPCO systems can be designed to fit to any power or environmental need.

POPULAR POWER PACKAGES

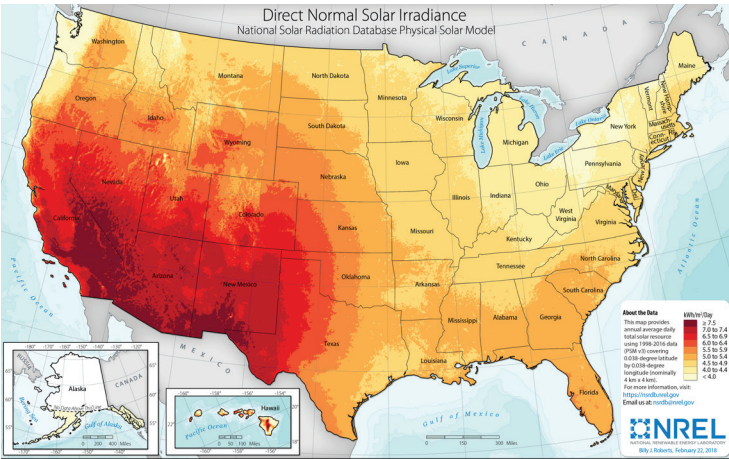
TAPCO offers many solar and AC power packages, including streetlight power. Some of the most popular offerings are shown below, with other options available upon request.



SOLAR REQUIREMENTS

Solar calculations are conducted to optimize system power and ensure the right power configurations are utilized.

Call us today for a free solar consultation: **(800) 236-0112**



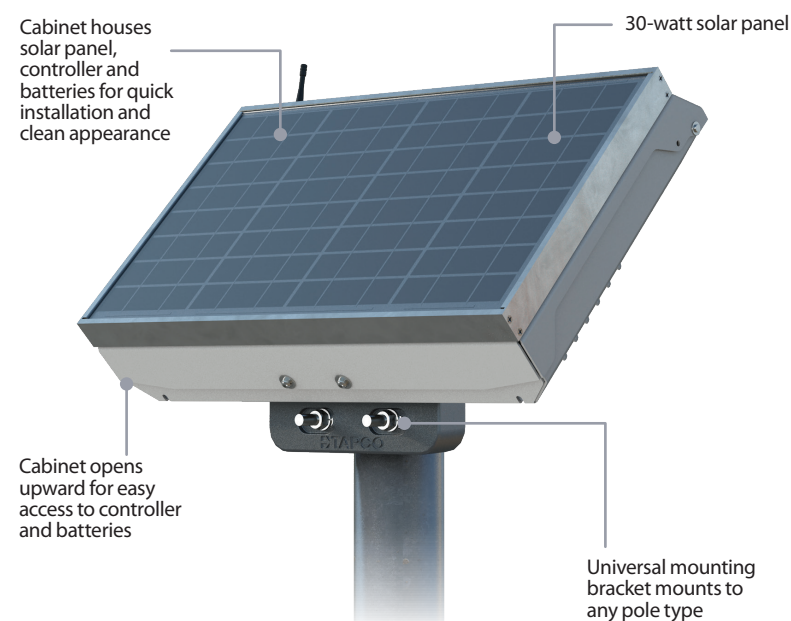
POWER AND CONTROL OPTIONS

TOP-OF-POLE SELF-CONTAINED SOLAR CABINET

Uniquely designed using durable polycarbonate, TAPCO's new 13-Watt Top-Of-Pole Self-Contained Solar Cabinet is a lightweight option that can power speed awareness alerts.



TAPCO's 30-Watt Top-Of-Pole Self-Contained Solar Cabinet provides more power for speed awareness alerts in a discreet, powder-coated aluminum housing.



AUTONOMY CAPABILITIES

- Up to 28Ah of battery power delivers autonomy up to 30 days

COMPATIBLE

- Supports TAPCO warning alerts without reducing LED and system performance

EASE OF INSTALLATION

- Weights less than 10 lbs.

INCREASED AUTONOMY

- 44Ah battery supports double-sided warning alerts or regions with limited insulation

EASE OF ACCESS

- Cabinet door opens upward for easy access and serviceability

EASE OF INSTALLATION

- Easily attaches onto new or existing posts and poles

SMART CITY SOFTWARE

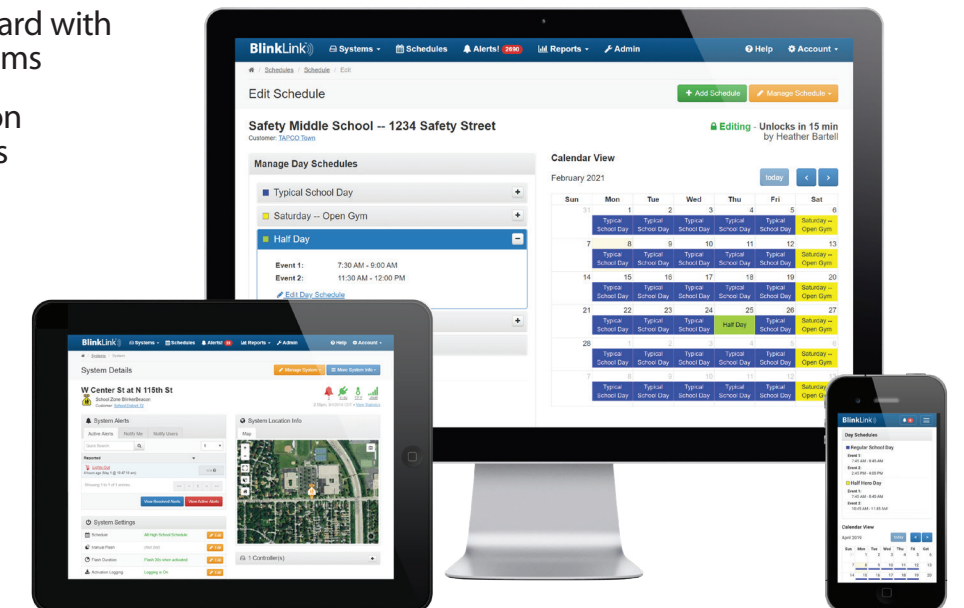
BLINKLINK® POWERED BY TAPCO

INTELLIGENT WARNING SYSTEM MONITORING FOR SMART CITY INFRASTRUCTURE

BlinkLink®, powered by TAPCO, is an easy-to-use, cloud-based software application for agencies to remotely manage and monitor their Intelligent Warning Systems.

Securely connected through reliable cellular networks, BlinkLink® collects real-time data and sends voice, email and SMS notifications to predetermined recipients.

- Remotely manage and monitor every IWS
- Access on any web-enabled device
- Intuitive, interactive dashboard with map view of deployed systems
- Monitor status of LED beacon performance with the Lights Out feature
- Pre-schedule on and off times for different days, weeks and months
- Remotely override a set schedule to immediately turn on/off a device and adjust flash times



MONITOR SYSTEMS

BlinkLink® lets you easily monitor the status of every TAPCO Intelligent Warning System, gather historical device data and quickly access individual systems through the search and filter function.



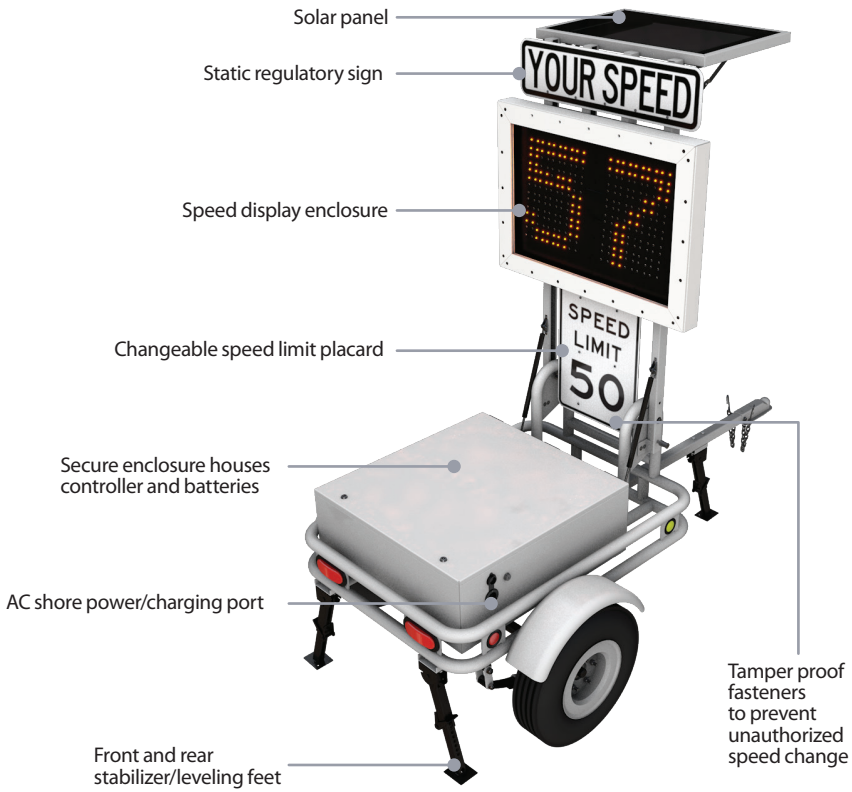
RECEIVE ALERTS

Receive immediate alert notifications when traffic device maintenance is needed. Determine what traffic events and health performance indicators trigger an email or SMS alert. Keep everyone informed by tailoring alert recipients, such as operators, authorities and maintenance contractors.

Radar Speed Trailers

FAST-18T

The FAST-18T Radar Speed Trailer displays 18" characters and stands over 8 feet tall, making it suitable for all roadways.



FEATURES AND BENEFITS

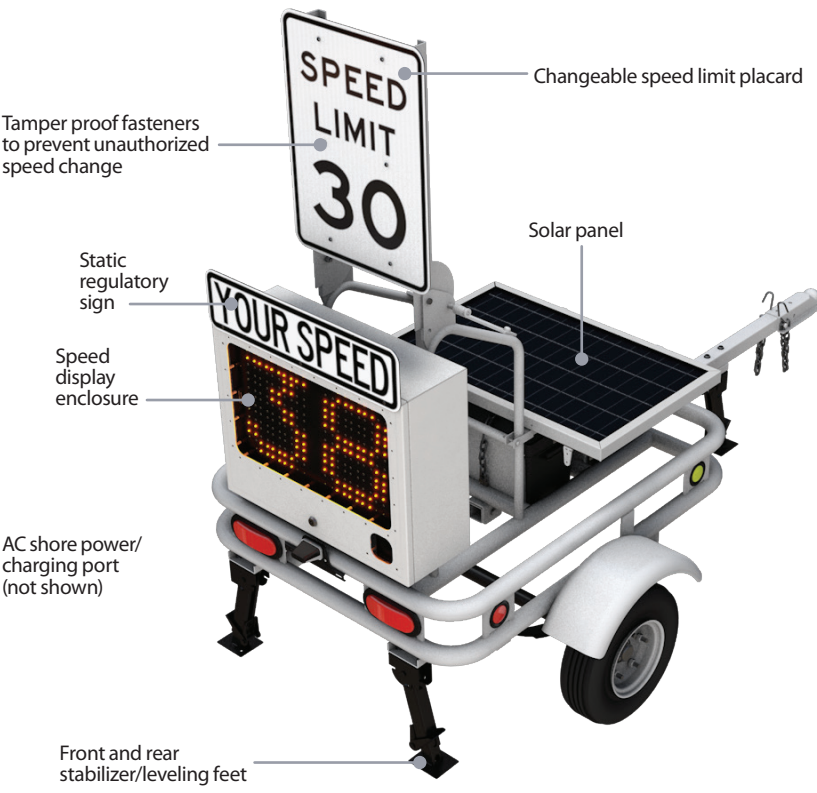
- 18" amber, LED full-matrix display characters are visible up to 1,200 feet away
- Radar feedback signs folds down for easy transport and storage
- Customizable flashing digit violator alerts come standard, including "SLOW DOWN", red/blue bars and a white strobe
- Static speed sign (18" x 24") mounts beneath the radar feedback sign
- Integrated traffic count controller with analysis software



RADAR SPEED TRAILERS

FAST-12T

The FAST-12T Radar Speed Trailer displays 12" characters and is accurate within one mile per hour — a great choice for roads 45 mph or less.



FEATURES AND BENEFITS

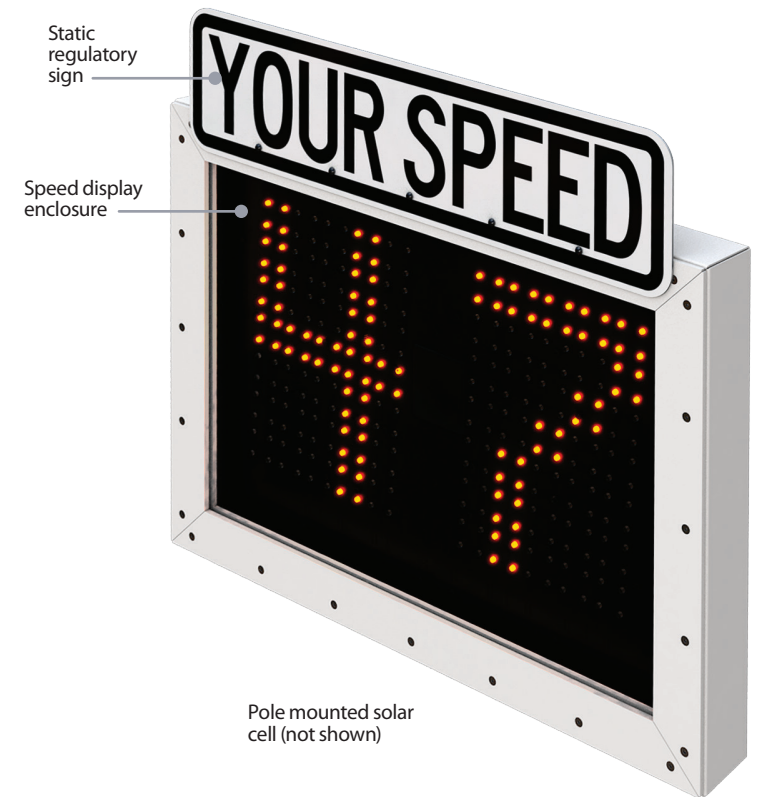
- 12" amber, LED full-matrix display characters are visible up to 750 feet away
- Customizable flashing digit violator alerts come standard, including "SLOW DOWN", red/blue bars and a white strobe
- Speed sign rack folds down for easy transport and locks in the up or down position to prevent tampering
- "YOUR SPEED" static sign mounts to the top of the radar feedback enclosure
- Integrated traffic count controller with analysis software



Radar Speed Feedback Signs

FAST-18

The FAST-18T Speed Feedback Sign can be posted permanently or semi-permanently and displays 18" high-intensity LED characters.



FEATURES AND BENEFITS

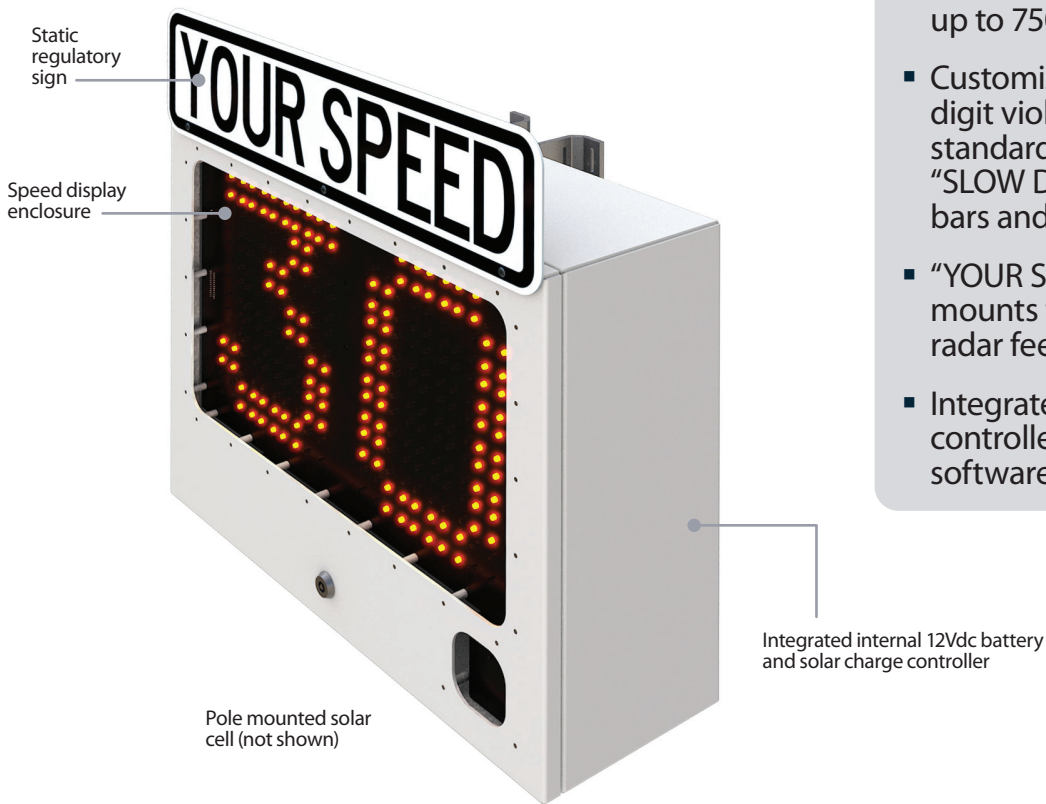
- 18" full-matrix characters for quick recognition
- Customizable flashing digit violator alerts come standard, including "SLOW DOWN", red/blue bars and a white strobe
- "YOUR SPEED" static sign mounts to the top of the radar feedback sign
- Separate pole mount box for included 12VDC battery
- Integrated traffic count controller with analysis software



RADAR SPEED FEEDBACK SIGNS

FAST-12

The FAST-12 features high-intensity LED display with 12" characters appropriate for residential and school zones.



FEATURES AND BENEFITS

- 12" characters are visible up to 750 feet away
- Customizable flashing digit violator alerts come standard, including "SLOW DOWN", red/blue bars and a white strobe
- "YOUR SPEED" static sign mounts to the top of the radar feedback sign
- Integrated traffic count controller with analysis software





SafePace radar speed signs are designed to slow cars down - creating safer streets for all - by making drivers aware they are traveling above the speed limit.

Crucially, these signs are proven to be effective with distracted and impaired drivers.

Proven to slow drivers by 10%, usually for several miles down the road

- EVOLUTION 11**
- 11" digits
 - 2-digit display only
 - Budget-friendly option

- EVOLUTION 12**
- 12" digits
 - 2 or 3-digit display
 - Speed-activated digit color changes

- EVOLUTION 12FM**
- 12" digits
 - 2 or 3-digit display
 - Custom messages or graphics
 - Choice of messaging color



DRIVER FEEDBACK SIGNS

EVOLUTION 15 AND 18



- EVOLUTION 15**
- 15" digits
 - 3-digit display
 - Speed-activated digit color changes
 - Choice of messaging color
 - Speed-activated "SLOW DOWN" message



- EVOLUTION 15FM**
- 15" digits
 - 3-digit display
 - Custom messages or graphics
 - Speed-activated digit color changes
 - Choices of messaging color



- EVOLUTION 18FM**
- 18" digits
 - 3-digit display
 - Custom messages or graphics
 - Speed-activated digit color changes
 - Choice of messaging color

SAFE SPACE EVOLUTION SERIES

COMPARISON CHART

Change the way motorists drive on your streets with intuitive speed awareness features, such as flashing digits, integrated strobe lights, easy-to-program sign options and built-in traffic data collection.



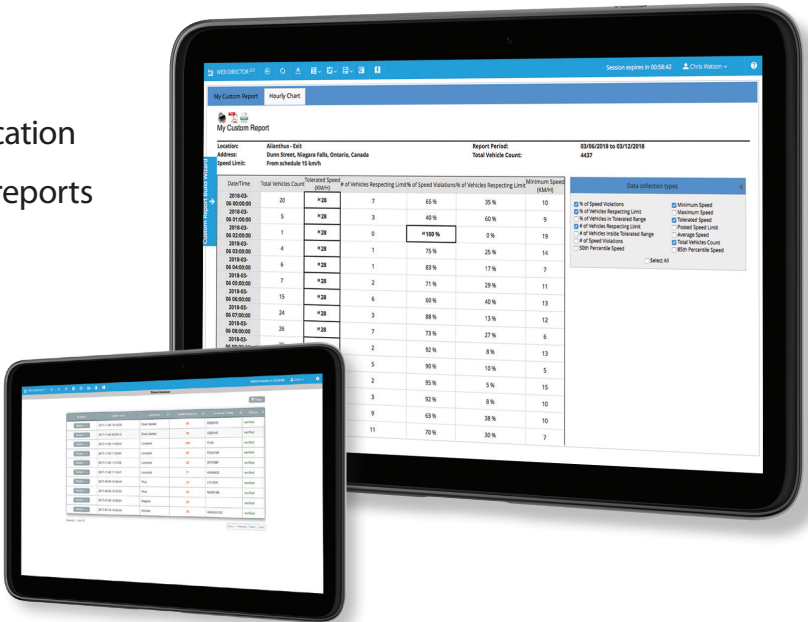
	Evolution 11	Evolution 12	Evolution 12FM	Evolution 15	Evolution 15FM	Evolution 18FM
Digit Size	11"	12"	12"	15"	15"	18"
Weight (without batteries)	20 lb	20 lb	20 lb	28 lb	28 lb	28 lb
24/7 Scheduling	√	√	√	√	√	√
Data Collection	√	√	√	√	√	√
Dual Color		√	√	√	√	√
Static Slow Down Message				√		
Custom Messaging			√		√	√
Solar Compatibility	√	√	√	√	√	√
Battery Operated	√	√	√	√	√	√
Universal Mounting	√	√	√			
Cloud Compatibility	√	√	√	√	√	√
Trailer Compatibility	√	√	√	√	√	√
Dolly Compatibility	√	√	√	√	√	√
Hitch Compatibility	√	√	√	√	√	√
Warranty	2 years	2 years	2 years	2 years	2 years	2 years

Signs are available in four colors. Select models include multiple LED color displays as shown.

With the ability to connect to and control your signs from any internet-connected device, the SafePace Cloud allows for remote management of intelligent traffic control.

- View real-time sign data
- Access all sign statistics from one location
- Download detailed traffic data and reports
- Create customized alerts
- Change settings and parameters
- Cut down on workforce hours

With the unlimited possibilities of remote management, SafePace Cloud helps maximize the performance of SafePace signs.



SMARTER SIGNS WITH THE CLOUD

ALERTS

Set up automated alerts for speeding thresholds, low battery or tampering.

SIGN MANAGEMENT

Manage all signs from one screen, accessing more granular data simply and quickly.

DATA AND REPORTING

View updates, access real-time data and generate reports to analyze and improve your traffic management program.

IMPROVED EFFICIENCY

Improve workforce efficiency and optimize resources by reducing the travel time required for sign management.

ZERO FOOTPRINT

Access traffic data from anywhere with no software or hardware required.

MAPPING

Access detailed statistics and update settings, using the interactive mapping tool.

The Guardian Awareness, Guardian Standalone and Guardian Pro speed cameras capture images of speeding vehicles using either radar or LEDDAR technology. A cloud-based ticketing template sends automated messages to warn or penalize speed violators.



- ### GUARDIAN AWARENESS

 - Integrates with all SafePace signs
 - One-lane image capture
 - Fixed installation
- ### GUARDIAN STANDALONE

 - Discreet camera solution
 - One-lane image capture
 - Fixed installation
- ### GUARDIAN PRO

 - Standalone system
 - Multi-lane image capture
 - Fixed or mobile installation

	GUARDIAN AWARENESS	GUARDIAN STANDALONE	GUARDIAN PRO
Technology	Radar	Radar	LEDDAR
Type of Environment	Single Lane, Low to Medium Volume	Single Lane, Low to High Volume	Multi-Lane, Low to High Volume
License Plate Recognition	Optional	Optional	Included
Front/Rear Image Capture	Front	Front or Rear	Front or Rear

LED-ENHANCED WARNING ALERTS

VARIABLE MESSAGING

Show drivers exactly what they need to know in real time with the versatile SafePace VMS30. This web-enabled variable message sign allows you to instantly update messaging — plus, there's the option to display driver speed

Additionally, the VMS30 offers driver responsive messaging, a choice of text size and color choices, mounting and power options and the ability to gather traffic statistics to create valuable reports.

FEATURES

- Customized messaging for displaying your choice of text, graphics and images
- Advanced scheduling for the planning of holidays, weekends and time of day
- Data collection statistics for traffic studies and reports
- Integrated flashing speed violator alert options



ENHANCEMENTS

ACCESSORIES



SIGN DOLLY

Deploy your SafePace Evolution signs in multiple locations.

- Indoor and outdoor usage
- Lightweight and easy to transport
- Simple to lock into place



TRAILER HITCH

Mount SafePace signs onto the trunk of a vehicle on a temporary basis as needed.

- Portability with easy park and lock
- Temporary placement
- Ability to test sites before full installation



CRUISER VMS TRAILER

Inform drivers of changes in driving patterns or special events.

- Constructed of durable, long-lasting steel
- Designed just for your SafePace VMS signs



SAFEPACE CRUISER LT

Calm traffic on the go with a rotating speed trailer.

- Speed displays from any angle
- Sign face protected during travel
- Calms traffic instantly

ENHANCEMENTS

ACCESSORIES

Traffic Logix speed humps, cushions and tables are rubber products that raise the pavement in order to calm traffic, creating safer roadways.

SPEED HUMPS



Raised areas of pavement typically 7 to 14 feet in length. Often placed in a series spaced 300 to 600 feet apart.

- Used primarily on residential streets in mid-block placements
- Not typically used on major roads, bus routes, primary emergency response routes or road grades greater than 8 percent

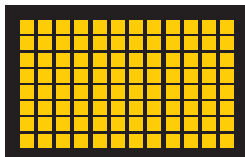
SPEED CUSHIONS



Raised areas of pavement typically 6 feet in width and 7, 10 or 14 feet in length. Often placed in a series spaced 200 to 500 feet apart.

- Used primarily on residential streets in mid-block placements: school zones, hospitals, parks, airports and military bases
- Not typically used on major roads or road grades greater than 8 percent
- Spaced apart so emergency vehicles can pass between cushions

SPEED TABLES



Long raised speed humps with a flat section in the middle with ramps on each end.

- Used on local streets, collector streets and main roads through small communities
- Typically long enough for the entire wheelbase of a passenger car, pickup truck or delivery van to rest on top and can include a raised crosswalk



ALL TRAFFIC SOLUTIONS (ATS)

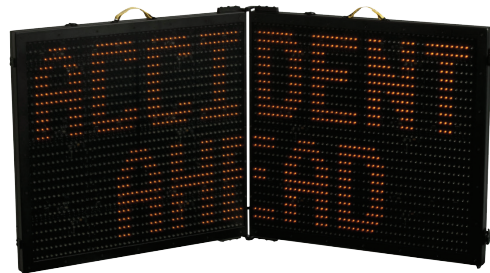
RADAR AND VARIABLE MESSAGE BOARDS



SPEEDALERT RADAR MESSAGE SIGN

Display custom messages specific to drivers' speed.

- 18" and 24" Full Matrix display options
- Internal K band radar with adjustable sensitivity



INSTALERT VARIABLE MESSAGE SIGN(S)

With InstAlert's fully customizable matrix, the messaging possibilities are endless.

- 18" and 24" Full Matrix display options
- Display multiple screens of text, chevrons or custom images



STANDARD FOLDING PORTABLE POST MOUNT

Folds for easy storage and portability

Includes:

- Portable post with PowerCase



TRAILER MOUNT

Includes:

- ATS 5 trailer
- 90W solar panel
- 470Ah of batteries



1-1/4" OR 1/2" VEHICLE HITCH MOUNT

Includes:

- Hitchmount with PowerCase
- Adapter and 1/2" hitch pin included

PREVENTATIVE MAINTENANCE

SERVICE CONTRACTS

Preventative Maintenance Service Contracts provide customers nationwide with peace of mind that their TAPCO Intelligent Warning Systems will perform optimally with the highest system uptime. From routine maintenance to complex diagnostic support, every contract is customized based on individual labor and budgetary needs.

POPULAR SERVICE CONTRACTS INCLUDE:

- On-site or virtual training of equipment and software
- Scheduled system maintenance
- System surveillance and monitoring
- Extended warranty coverage
- Emergency services, such as knockdown repairs and replacement part delivery
- Dedicated diagnostic support
- Discounted BlinkLink subscription

Want to learn more? Call us today to customize your contract: **(800) 236-0112**



TAPCO SOLUTIONS

INTELLIGENT WARNING SYSTEMS

TAPCO designs comprehensive traffic solutions that improve mobility and safety for all road users.



PEDESTRIAN CROSSWALK



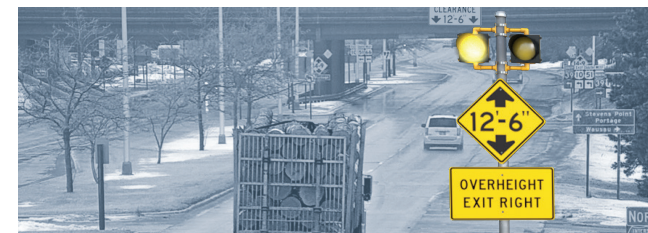
WRONG-WAY ALERT



CURVE WARNING



SCHOOL ZONE WARNING



OVERHEIGHT WARNING



INTERSECTION CONFLICT WARNING



HIGH WATER WARNING



EMERGENCY VEHICLE WARNING

SAVE TIME AND MONEY WITH OMNIA PARTNERS AND TAPCO

Did you know we offer an exclusive discount through our competitively solicited OMNIA Partners, Public Sector contract? Participating government and non-profit agencies that purchase direct from the contract receive the lowest available price on our entire product portfolio.



 (800) 236-0112  TAPCOnet.com