New England Traffic Solutions
160 Oak Street, Unit 410. Glastonbury, CT 06033
(860) 633-1768 phone/ (860) 633-1796 fax
www.newenglandtrafficsolutions.com
Call New England Traffic Solutions for more information about our products and services.

New England Traffic Solutions
160 Oak Street – Unit 410
Glastonbury, CT 06033
(860) 633-1768 phone/ (860) 633-1796 fax
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SynchroGreen is adaptive signal timing at its finest. This truly adaptive system eliminates the need for consistent cycle lengths to maintain progression. Using detection data (loop or video), offsets are optimized to produce progression and minimize delay.

Efficiently synchronized signals keep vehicles moving in all directions with minimal idling, fewer starts and stops, and shorter travel times. The absolute optimal way to accomplish this is to have signals that will adapt to changing traffic conditions—in real time.

The ideal real-time adaptive traffic control solution is SynchroGreen.

Actuated-coordinated and traffic response systems involve adjustments made in reaction to traffic conditions. Signal timing adjustments to actuated-coordinated systems occur through routine maintenance and optimization studies, both take time and money. Traffic responsive systems only select adjustments from predetermined databases, limiting the scope and degree of improvement. SynchroGreen is a proactive solution capable of adjusting traffic signal timing in real-time.

Smooth traffic flow is the result of constant analysis and adjustment. Simply put, SynchroGreen collects relevant traffic/pedestrian data 24/7 and adjusts signal timing in real-time.

SynchroGreen does not operate on fixed cycle lengths.

The SynchroGreen real-time system takes in the full view and needs of each intersection then makes adjustments to optimize traffic in all directions. SynchroGreen allocates time to all relevant vehicle and pedestrian phases based on real-time data. This included foot traffic.

Call New England Traffic Solutions for more information about our products and services.
Traffic Management Systems

- ATMS NOW™ - Advanced Traffic Management Systems
- WEB.NOW™ - Web Interface to Traffic Management Systems
- SynchroGreen® - Adaptive Signal Timing System

The Naztec central system, ATMS.now, is a fully NTCIP software that communicates with the Apogee local software installed in either the 2070 or NEMA controller in either a TS1 or TS2 style cabinet. The GUI map interface uses an ESRI GIS map engine and allows hyperlinks to third party Ethernet or windows based software. Data collection and signal parameters can be exported or imported from Synchro analysis software. This is a fully functional central system.

There is a PTZ module and a web module for the software that will incorporate additional functionality.

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Engineering Software

Synchro™ and SimTraffic™ are the transportation industry’s leading software applications used in modeling traffic flow and optimizing traffic signal timing.

- SimTraffic™ 3D Viewer
- Synchronize Signals Software
- Traffic Simulation Software
- Analysis Software
- Warrant Traffic Signal Software

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New England Traffic Solutions
160 Oak Street – Unit 410
Glastonbury, CT 06033
(860) 633-1768 phone/ (860) 633-1796 fax
Traffic Controllers

Shelf and Rack Mounted Controllers

- NEMA TS1 Master & Local
- NEMA TS2 Type 1 Master & Local
- NEMA TS2 Type 2 Master & Local
- NEMA TS2 Type 2 Master & Local w/Ethernet
- ITS 2070
- NEMA 2070
- 970 TS2 Rack Mounted
- 970 TS2 Rack Mounted w/Ethernet
- 980 TS2 Shelf Mounted
- 981 TS2 Rack Mounted w/Ethernet
- 900 ATC Controller

The Model 980 Controller meets and exceeds NEMA TS2 specifications, and includes advanced functionality for complex phasing, detector processing, coordination, preemption, communications, adaptive timing, as well as full systems operation in a closed-loop, hybrid, or centralized configuration.

Naztec 2070 Traffic Controller based on the Advanced Transportation Controller standard specification and the California DOT Transportation Electrical Equipment Specifications.

Naztec Microcab Controller

*Perfect for emergency & small isolated intersections*

The MC 682 MicroCab controller is an extremely innovative, feature loaded, and very affordable, all-in-one traffic controller about the size of a shoebox. The MC682 is fully actuated controller assembly containing an internal enhanced conflict monitor, flasher, and solid state load switches.

When your traffic needs require a compact design at half the price, without sacrificing performance, choose the MC 682 controller from Naztec, Inc.

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New England Traffic Solutions
160 Oak Street – Unit 410
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(860) 633-1768 phone/ (860) 633-1796 fax
Traffic Control Cabinets

- NEMA P-44
- NEMA M
- NEMA M Pole Mounted
- ITS Cabinets
- Single Rack
- Dual Rack
- Base Mounted
- Pole Mounted

Cabinets meet NEMA standards
Constructed of 0.125 thick aluminum
“C” mounting channels on side and back walls for mounting shelves and panels
3-point latching mechanism of zinc plated steel
Stainless steel door handle designed for padlock
Stainless steel door hinge
Optional Lifting Ears

Call New England Traffic Solutions for Details on ITS Cabinets

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New England Traffic Solutions
160 Oak Street – Unit 410
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(860) 633-1768 phone/ (860) 633-1796 fax
Conflict Monitors

The Naztec Model NM512 & 512E NEMA Conflict Monitor is a cost effective, reliable enhanced monitor designed for the most demanding traffic applications. It meets and exceeds NEMA TS1 specifications.

The Naztec Model NM512-E123NEMA Conflict Monitor is an enhanced keyboard-programmable conflict and power monitor that exceeds NEMA TS1 specifications. User interface is simplified by an LCD display and menu-driven software.

NEMA TS1 Conflict Monitors:
- NM512
- NM512E
- NM512-E123

Malfunction Management Units

The Naztec Model MMU 516 Malfunction Management Unit is an enhanced MMU that monitors up to 16 traffic signal indications (channels) for conflict, improper sequencing, incorrect timing, and improper signal voltage levels. The MMU 516 is fully compliant with NEMA Standard TS2-1992. The MMU 516 is also capable of operating in older TS1 type cabinets, and is compatible with 12-channel Conflict Monitor Units conforming to the NEMA Standard TS1-1989.

NEMA TS2 MMUs:
- 516 MMU
- 516 MMU w/RS232
- 516 MMU Enhanced
- 516 MMU Enhanced w/RS232
- 516 MMU LCD w/RS232
- 516 MMU LCD w/Ethernet

Components

Load Switch
BIU
Transfer Relay
Flasher

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New England Traffic Solutions
160 Oak Street – Unit 410
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(860) 633-1768 phone/ (860) 633-1796 fax
Detection
Vehicle & Pedestrian Detection

Accuwave Presence Detection
Replace loops and loop detectors with microwave detection.
   ideal for stop bar call and extend
   advance detection approaches
   actuated intersection ramps
Multiple lanes covered by single detector
Easy pole-mount or overhead installation

Microwave Detection
The Microwave Detector is designed to detect the motion of a vehicle and then trigger the operation of a traffic controller. Based on microwave technology, the detector is not affected by temperature, humidity, color or background noise variations. It easily mounts above ground, requires no pavement cuts and can be installed with minimal or no traffic disruption.

Video Detection
The video signal from the camera monitoring the traffic is used as input for the detection unit. The video detection processor analyses the video images to generate traffic data and alarms.

Wireless Detection
Unlike inductive loops, wireless vehicle detection system requires no trenching, and can be installed wherever detection is needed, regardless of pavement conditions. Wireless detection performs flawlessly in all weather and lighting conditions.

Inductive Loop Detectors
Loop Amplifiers are available as Rack and Shelf Mounted models
Single, 2 Channel and 4 Channel Detectors
Meets or Exceeds NEMA TS1 Specifications

Pre-Formed Loops
The Preformed Loop is a prefabricated loop / lead-in assembly
Prefabricated loop is designed to be paved over with asphalt, installed in 3/8 inch saw cuts or embedded in concrete.

SmartWalk™ Pedestrian Detection
The SmartWalk XP is the first microwave sensor specifically designed to provide short range pedestrian presence detection in the targeted curbside area of a crosswalk or roadside at a trail crossing making it an excellent alternative to manual pushbuttons that require human interaction.

Call New England Traffic Solutions for more information about our products and services.

New England Traffic Solutions
160 Oak Street – Unit 410
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(860) 633-1768 phone/ (860) 633-1796 fax
Preemption

- GPS Detection
- Siren Detection
- Optical Detection & Emitters

GPS Detection System:
Featuring global positioning satellite (GPS) technology, as well as highly secure radio communication, the Opticom GPS system delivers safe, efficient results for emergency service and transit vehicles everywhere. At the same time, it gives traffic engineers a new level of intersection management and control. And it’s all protected with a full range of installation, training and setup services to ensure optimal, long-term system performance.

Siren Detection:
Sonem 2000 detects the siren of oncoming emergency vehicle and then determines the direction of the approaching vehicle; notifies the traffic controller of a request for priority; and clears the priority request once the vehicle has passed through the intersection.
Equipment:  
- Siren Detector
- Sonem 2000 NEMA Unit

Optical Detection:
By communicating with the traffic control system located at each intersection, the approaching emergency vehicles are given a "green" light before entering the intersection, thus creating the ability to move through heavy traffic situations.
Equipment:  
- Optical Detector
- Phase Selector
- Chassis

Optical Emitters:
The Emitter generates an optical signal. This signal is received by the detectors located at the traffic intersection. The emitter is normally wired so that it automatically activates when the emergency lighting is active.

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New England Traffic Solutions
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(860) 633-1768 phone/ (860) 633-1796 fax
Traffic & Pedestrian Signal Housing

Material: Aluminum or Polycarbonate
Size: 12” and 8”

Housing: Each one piece unit is serrated in 5 degree increments at each end, so that they may be fastened together to form multi-section signals. Each signal housing has provisions for mounting two terminal blocks and attaching backplates.

Housing Configurations:
- 1 Section
- 2 Section
- 3 Section
- 4 Section
- 5 Section
- 5 Section Cluster (Dog House)

Visor: Cap, Tunnel or Full Circle Visors
Visors: Interior of visor is coated with a non-reflective, matte black paint
Louvers: 5 Vane 7 degree Louvers
Housing Colors: Dark Green, Black or Yellow

Pedestrian Signal Housing:
- 16”x18” Walk Housing
- 12x12” Walk Housing

LEDS:

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<td>12” Red</td>
</tr>
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<td>12” Yellow</td>
</tr>
<tr>
<td>12” Green</td>
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<tr>
<td>12” Red Arrow</td>
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<tr>
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<td>8” Green</td>
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<tr>
<td>Countdown: 16”x18”, 12” x 12”</td>
</tr>
<tr>
<td>Hand/Man: 16” x 18”, 12” x 12”</td>
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New England Traffic Solutions
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(860) 633-1768 phone/ (860) 633-1796 fax
Traffic Signal Mounting Hardware
- Span Wire Hardware
- Mastarm Hardware
- Pole Mounting Hardware
- Pedestal Mounting Hardware
- Camera

Sign Mounting Hardware

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New England Traffic Solutions
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(860) 633-1768 phone/ (860) 633-1796 fax
Pedestrian Pushbuttons

Accessible Pedestrian Systems:
Regardless of physical capability, pedestrians are finding it more challenging to cross safely at signalized intersections. The Advisor AGPS provides important cues to assist all pedestrians to cross the intersection safely by provided audible, tactile, and visual indications at the crosswalk

- Fully Integrated Pedestrian Station – (Advisor AGPS)
- Base Broadcast Unit
- Advanced Accessible Pedestrian System – (AAPS)

Pushbuttons:
Die Cast Aluminum and Powder Coated
Pressure Sensitive (Piezo)
Mechanical Switch
2 or 4 hole mounting

Color: Black, Dark Green, Yellow

Pushbutton Signs:
To fit: 5”x7”, 9”x12”, 9”x15” frames

- Push for Green Light
- R10-3d 9x12 Countdown
- R10-3e 9x15 Countdown
- R10-3b Hand/Man Symbol
- R10-25 Push Button to Turn on Warning Lights

Call New England Traffic Solutions for more information about our products and services.

New England Traffic Solutions
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(860) 633-1768 phone/ (860) 633-1796 fax
Aluminum Pedestals & Decorative Poles

Aluminum Shafts:
Aluminum Shafts conform to the following standards:
ASTM-B-210
ASTM-B-221
GRADE 6063-T6
Seamless straight tube 4 ½ inch O.D. Wheel Abraded Satin Finish

Aluminum Bases:
Aluminum Bases are manufactured using a permanent mold casting process conforming to ASTM-B-108. All Pedestal Bases come equipped with 18-8 stainless steel bolting and a 1/4-20 ground lug. The Square Aluminum Base is approved by the FHWA to 1985 AASHTO breakaway requirements. Base accessories include Aluminum Doors, Ground Lugs, and Set Screws.

Two piece design-base and shaft available separately

Powder Coat Available

Sizes:
3’ to 28’

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New England Traffic Solutions
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(860) 633-1768 phone/ (860) 633-1796 fax
Metal Enclosures

NEMA Enclosures
- Large Metal Single Door Enclosures
- Metal Quad Door Enclosures
- Metal Pedestal Mounted Enclosures
- Metal Rack Mount Enclosures

Small Single Door enclosures provide convenient housing and protection of a wide variety of electronic controls, and electrical equipment. Suitable for indoor or outdoor use, they provide protection from the elements and vandalism. Standard sizes are U.L. Available for NEMA 3R applications.
  - Auxiliary Equipment Cabinets
  - Flasher Cabinets

NEMA 4 and 4X Enclosures
Small Single 4 and 4X enclosures provide convenient housing and protection of a wide variety of electronic controls, terminals, and electrical equipment. Suitable for indoor or outdoor use, they provide protection from the elements and vandalism.
  - Auxiliary Termination Cabinets

Powder Coat Available on all Metal Enclosures

Many sizes available, please call New England Traffic Solutions for more information.
PTZ Dome Network Camera offers optical zoom and high-speed pan/tilt performance, enabling coverage of large indoor areas and great detail when zooming in. It is ideal for use in airports, train stations, stadiums and warehouses.

Built in digital noise reduction improves image quality, minimizes video interference and triggering of false alarms and provides a better compression ratio, which decreases storage requirements.

Integral color or day/night camera and autoiris varifocal lens
Video transmission via TCP/IP
Pendant configuration for outdoor installations

360° FullSight Cameras – view and playback 360 degrees from one camera

Call New England Traffic Solutions for more information about our products and services.

New England Traffic Solutions
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Lowering Devices

The [MG] Squared camera lowering device has unquestionably become an integral part of any ITS Deployment. If you are involved in the maintenance or design of camera sites, this is one concept you must consider. Incorporating a camera lowering device, maintenance can be performed on the ground by one technician without the need for bucket trucks, associated cone crews and lane closures. This ease of maintenance equates to less system downtime, cost savings and a more efficient system. Design engineers can now be freed from the previous limitations on both mounting height and location when designing an ITS surveillance system that will incorporate a camera lowering device. Pole locations are no longer determined by ‘where’ or ‘how high’ the bucket truck can go. Limitations posed by other solutions, such as hinged poles, are also eliminated. If the best location for the pole is on an embankment, down a slope, on top of a parking deck or on a median barrier, placement can be successfully achieved without the concern of how the bucket truck will access the camera or lack of right of way for a hinged pole. MG Squared developed the first patented spring loaded contact/connector assembly specifically for multifunction CCTV surveillance cameras in the mid 1990’s and introduced the first camera lowering system over 15 years ago. MG Squared continues to innovate and provide compatibility with the world leading camera manufacturers of IP, analog, thermal, IR and HD Megapixel surveillance solutions.

The Lowering Tool
The lowering tool is composed of an auto braking winch and stainless steel aircraft cable with a breaking strength of over 1,700 pounds. The tool is operated by a single user to lower mounted equipment for safe and quick ground level maintenance or replacement. The lowering tool is available in both a lightweight portable design and depending on your application may be permanently mounted in a secured enclosure.

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New England Traffic Solutions
160 Oak Street – Unit 410
Glastonbury, CT 06033
(860) 633-1768 phone/ (860) 633-1796 fax
Ethernet Switches

- Hardened Managed
- Hardened Unmanaged
- Non-Hardened Managed
- Non-Hardened Unmanaged

Certified by NEMA TS2 Environmental requirements for Traffic control equipment
Supports α-ring and RSTP/MSTP/STP for Ethernet redundancy
IP Multicast Filtering through IGMP Snooping V1, V2 & V3
Supports port-based VLAN and IEEE802.1Q VLAN Tagging and GVRP
IEEE802.1p QoS with four priority queues
MAC-based trunking and LACPEE802.1x Security
Bandwidth Rate Control
Per-port programmable MAC address locking
Up to 24 Static Secure MAC addresses per port
Port mirroring
NTP synchronization
DHCP Client/Server
RS-232 console, Telnet, SNMP V1, V2c & V3, RMON, Web
Browser and TFTP Management
1000Mbps-Full-duplex, 10/100Mbps-Full/Half-duplex, Auto-Negotiation, Auto-MDI/MDIX
Full wire-speed forwarding rate
-40°C to 75°C (-40°F to 167°F) operating temperature range, tested for functional operation @ -40°C to 85°C (-40°F to 185°F)

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Ethernet over Copper

Service providers today can leverage their existing copper networks to deliver high-speed broadband Ethernet services with fiber-like quality and resiliency at speeds ranging from 15 to 400Mbps to those Enterprise customers who traditionally have been out of reach.

Ethernet over Copper technology empowers existing copper network infrastructure,

Enables deployments of advanced Ethernet services across entire customer serving area while keeping their network infrastructure expenditures to a minimum.

Ethernet over Copper product portfolio consists of:

- Ethernet access devices,
- Ethernet aggregation switches,
- Broadband Accelerators (BBAs)

...and the industry’s first and only widely deployed spectrally-compliant EFM repeaters.

Delivering up to 20 times more bandwidth than legacy copper solutions with installations reaching as far as 100Kft when paired with our XR239 EFM Repeaters, products can be installed in the central office, in any outside plant environment and at the customer premises using existing methods and practices.

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(860) 633-1768 phone/ (860) 633-1796 fax
Wireless Networks

Mesh Networks

300 Mbps between 2 wireless nodes

Viable Alternative to Fiber
Infrastructure mesh technology from Firetide provides municipal, industrial and enterprise users with the bandwidth needed to expand the reach of their existing networks, while adding a variety of fixed and mobile applications: city-wide video surveillance, traffic management and intelligent transportation systems, Wi-Fi access for mobile city workers and wireless broadband for underserved areas.

Convenient Upgrade Paths
HotPort® 7000 mesh nodes ship as 802.11a/b/g/n dual-radio capable hardware, with enhanced functionality enabled through software licenses. Projects that do not require 802.11n MIMO (multiple input, multiple output) capacity or dual-radio capability can start with 802.11a/b/g-enabled single-radio configuration. Dual-radio functionality can easily be enabled through a software license at an additional cost. Similarly, a separate software license can enable MIMO functionality for operation in 40 MHz channels, and to take advantage of 802.11n technology to achieve throughput of up to 300 Mbps outdoors and 400 Mbps indoors.

Easier Deployments & Network Management
Unlike wired networks, where deployment is cumbersome, the self-forming nature of the Firetide mesh network ensures rapid deployment of large-scale networks. The HotPort 7000 mesh features integrated spectrum analysis, network capacity planning and antenna alignment tools for easier deployments and network management.

Higher Reliability
The HotPort 7000 nodes form a multipoint to multi-point ad hoc wireless mesh network with no single point of failure. Unlike a wired network, where a cut in the cable could take several days to resolve, the Firetide mesh routes the traffic immediately on an alternate link ensuring continuous service and network availability.

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New England Traffic Solutions
160 Oak Street – Unit 410
Glastonbury, CT 06033
(860) 633-1768 phone/ (860) 633-1796 fax
Illuminated Street Name Signs

LED Edge Lit Street Name Signs

Features

- Exceptional message visibility and clarity
- Excellent day or night visibility
- Provides 50,000/100,000 hours lamp life
- Single, or Double Face models
- Light weight design
- Low power consumption
- Low maintenance
- UL listed components

10 Year Lamp Warranty

LED Blank Out Signs

LED Blank-Out Signs are an excellent way to provide clearly visible information to motorists, even in direct sunlight, ideal for reinforcing traffic signals and minimizing undesirable motorist movements. Blank-out signs are a superior alternative to static warning and regulatory signs due to their increased visibility, creating a safer driving environment.

Call New England Traffic Solutions for more information about our products and services.

New England Traffic Solutions
160 Oak Street – Unit 410
Glastonbury, CT 06033
(860) 633-1768 phone/ (860) 633-1796 fax
Pedestrian Safety

- Rectangular Rapid Flashing Beacon (RRFB)
- Hybrid Beacon Signal Head (HAWK System)
- 24 hr Flashing Beacons

Rectangular Rapid Flashing Beacon (RRFB)
Along with its aesthetically pleasing highly efficient and compact design, the RRFB Kit is solar powered, radio controlled and is equipped with the brightest LED’s in the industry when activated.

- RRFBs are user-actuated amber LEDs that supplement warning signs at unsignalized intersections or mid-block crosswalks. They can be activated by pedestrians manually by a push button or passively by a pedestrian detection system.
- RRFBs use an irregular flash pattern that is similar to emergency flashers on police vehicles.
- RRFBs may be installed on either two-lane or multi-lane roadways.

Hybrid Beacon Signal Head (HAWK SYSTEM)
The Hybrid Beacon Signal Head provides a bright, unmistakable alert to motorists that pedestrians or emergency vehicles are present. Mounted on roadside poles or mast arms, the HAWK device contains 2 rec beacon bulbs and one amber beacon bulb.

The 24-Hour Flashing Beacon increases traffic safety 24 hours a day, 365 days a year. Available in red for stop signs or amber for warning signs, 24-hour flashing beacons install in 5 minutes on any pole.

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New England Traffic Solutions
160 Oak Street – Unit 410
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(860) 633-1768 phone/ (860) 633-1796 fax
School Zone Safety

- School Zone Beacons
- Solar Powered Cross Walk
- In-Road Crosswalk

120volt or Solar Powered

School Zone Beacons
Designed to reduce the speed of traffic in school zones, School Zone Beacons can be operational in any location that has cell phone service. Each school has a cell-enabled primary beacon and any number of associated secondary beacons that receive command signals from the primary. The beacon schedule is easily created on a password-protected website and uploaded to the primary beacon at the click of a mouse. Authorized users can also communicate with the primary beacon by text message.

- Controllable from any internet enabled device or via SMS
- Wireless range of up to 1/2 mile
- Available in 8” or 12” amber LED
- Available in yellow, green or black housing
- Wide range of mounting types for various configurations
- No road work required

In-Pavement LED Lighted Crosswalk
The system shows a barrier of bright flashing lights directly in the driver’s line of sight, clearly indicating an active crosswalk location.

Call New England Traffic Solutions for more information about our products and services.
Driver Feedback - Radar Speed Signs

Studies have shown that when notice is given to motorists using both a speed number display with an additional text message, drivers are more likely to comply and reduce their speed. Minimum speed limit zones now have the additional benefit of advising drivers with a dual speed notice message system with the TraffiCalm DriveBrite™ full-matrix radar driver feedback (9” display) sign. The small (18”x24”x1-7/8”) footprint meets MUTCD R2-1 size requirements.

Radar speed signs are constructed with a rugged design for long life as well as safety features that allow easy operation while effectively slowing traffic down and making your roads safer.

DriveBrite™ Full Matrix Driver Feedback Signs

The next generation of traffic calming solutions begins with the fully MUTCD compliant minimum speed limit sign in a 18” (w) x24” (h) x 1 7/8” (d) size sign and a 9” (h) LED display. Suitable for a myriad of traffic applications, the 9” full-matrix sign has married the ability to warn drivers with numerals, text and emoticon in one display configured in a compact and light-weight platform.

The DriveBrite™ 9” & 18” Full-Matrix Feedback Signs obtain compliance to posted speed limits by combining Speed Numerals, ‘Slow Down’ Text and Smile/Sad Emoticon!

♦ Slim profile for simple & speedy installation, 5 year warranty
♦ Bluetooth wireless communications for programming and downloading of traffic data
♦ SafetyCalm™ data collection software with standardized reports, license free
♦ High contrast and resolution for superior visibility

120 Volt or Solar Powered
Data Collection Software
Bluetooth Communication
Slow Down/Emoticon Display Option

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New England Traffic Solutions
160 Oak Street – Unit 410
Glastonbury, CT 06033
(860) 633-1768 phone/ (860) 633-1796 fax
LED/Inductive and Solar Powered Lighting

Low energy lighting reduces energy consumption, lowers maintenance costs and cuts down on CO2 emissions and lighting pollution.

LED, Induction and Solar Powered Outdoor Lighting

Applications:
- Major Roadways
- Residential Streets
- Pedestrian Walkways
- Parking Lots
- Docks and Piers
- Remote and Rural Locations
- High Crime Areas

DOTPLUG™ Break-Away-Cable System by MG Squared

A Safer & More Economical Lighting System

The safest and easiest to maintain wiring system for roadway poles, the DOT-PLUG™ Break-Away-Cable System is the preferred system for safety, durability and less “down time” plus DOT-PLUG™ is AASHTO compliant.

Features & Benefits
- Eliminates specifying, design engineer(s), and contractor liability due to injury or death attributed to preventable fire or electrocution
- Eliminates possibility of fire after accident due to sparking wires
- Eliminates possibility of electrocution to accident victims, rescue personnel and pedestrians
- Eliminates damaged splices in adjoining poles
- Eliminates fuse holder & surge arrester replacement after knockdown
- Allows remaining poles on circuit to continue illuminations

Call New England Traffic Solutions for more information about our products and services.

New England Traffic Solutions
160 Oak Street – Unit 410
Glastonbury, CT 06033
(860) 633-1768 phone/ (860) 633-1796 fax

Lighting & Cable Systems
Field Services & Field Support

New England Traffic Solutions offers a full line of services:

- Traffic Management System Integration
- Traffic Controller Troubleshooting
- Video Detection Set Up and Troubleshooting
- Loop Detector In Road Sawcut
- Intersection Preventive Maintenance
- Conflict Monitor Testing
- LED Replacement
- Temporary Intersection Control
- Preemption Testing and Troubleshooting
- Emergency Signal Repair
- IP and Wireless Networking
- Wireless Site Survey
- CCTV Set Up, Installation & Troubleshooting

Training

New England Traffic Solutions offers training to meet the needs of our customers. Training is located at our Glastonbury location and consists of classroom discussion and hands on training. The courses are designed around real case scenarios and troubleshooting.

Specialized training is available on all products/equipment we distribute including:

- TS-1/TS-2 NEMA-style Controller Cabinet
- 2070 ITS Controller Programming
- Traffic Management System Training
- Coordination and Traffic Control Concepts
- Video Detection
- Hands-on Training for Maintenance Personnel

24 Hour Emergency Service Available

Engineering

New England Traffic Solutions offers traffic engineering services. Please contact our office for more information.

Call New England Traffic Solutions for more information.

Call New England Traffic Solutions for more information about our products and services.
Item List:

**Traffic Management Systems (TMS)**
- TMS-Advanced Traffic Mgmt
  - TMS – Web interface
  - TMS – Streetwise
  - Engineering Software
- Traffic Simulation Software
  - Analysis Software
  - Signal Needs/Warrants Software

**Traffic Controllers**
- 2070 ITS Controller
- 970 TS2 Rack Mounted
- 970 TS2 w/Ethernet
- 981 TS2 Rack Mtd w/Ethernet
- Microcab
- Solar Powered Controller
- 2070 Controller Software

**Traffic Cabinets**
- P-44 Cabinet, M-Cabinet, 332, 336
- NEMA Cabinets
- ITS Traffic Cabinet
- Flasher Cabinets
- Auxiliary Equipment Cabinets
- Auxiliary Termination Cabinets
- Traffic Management Systems Cabinet

**Conflict Monitors**
- NMS12
- NMS12 E123 LCD w/RS232
- NMS12 Enhanced
- MMU – Malfunction Management Unit
- MMU-516
- MMU-516 Enhanced
- MMU-516 LCD

**Presence Detection**
- Loop Detection
- Pedestrian Detection
- Microwave Detection
- Video Detection
- Pre-Formed Loops

**Preemption**
- Optical – Phase Selectors
- Optical – Detectors
- Optical – Chassis
- Siren – NEMA Unit
- Siren – Detectors

**CCTV Cameras**
- Dome Cameras
- PTZ Cameras
- IP Cameras

**Camera Lowering Device Poles**

**Traffic Signals/LEDs**
- Aluminum 12” or 8” Housing
- Polycarbonate 12” or 8” Housing
- LED: 12” or 8” Red, Yellow, Green,
- LED: 12” Red Arrow, Yellow Arrow, Green Arrow
- LED: 12” Bi-Modal Arrow
- Cap Visors 12” or 8”
- Tunnel Visors 12” or 8”
- Walk Signal Housing
- 16”x18” Aluminum Walk Housing
- 12”x12” Aluminum Walk Housing
- Pedestrian Countdown
- Pedestrian Hand/Man

**Signal Mounting Hardware**
- Span Wire Mounting
- Mast Arm Mounting
- Pedestal Mounting
- Pole Mounting
- Fixed Mounting

**Pedestrian Pushbuttons**
- Piezo Pushbuttons
- ADA Pushbuttons
- 5”x7” Frames
- 9”x12” Frames
- 9”x15” Frames
- Push for Green Signs
- Walk Symbol Signs
- Countdown Signs
- Accessible Pedestrian Stations
- Aluminum Pedestals
- Metal Enclosures

**Network/Communication**
- Ethernet Switches
- Ethernet over Copper
- Wireless Networks
  - Antennas
  - Nodes

**Street/Highway Signs**
- LED Edge Lit Street Name Signs
- LEC Illuminated Signs
- LED Blank Out Signs
- Fiber Optic Blank Out Signs
- LED Lane Control Signs

**In Road Sensors**

**School Zone Safety**
- Rectangular Rapid Flashing Beacon
- School Zone Flashers Solar & 120V
- Solar Powered Crosswalk
- 24 Hour Flashing Beacons
- Driver Feedback Signs

**Lighting & Cable Systems**
New England Traffic Solutions

New England Traffic Solutions has over 25 years’ experience with public safety systems. As an integrator and supplier of traffic signal equipment, CCTV cameras, public safety and wireless networking systems, New England Traffic Solutions is your resource for road and highway construction projects.

NE Traffic Solutions is a woman owned corporation located in Glastonbury CT and continues to support municipalities and private companies in CT, NY and MA.

**Member:**
CT Chapter of Institute of Traffic Engineers
International Municipal Signal Association
Intelligent Transportation Society of Connecticut

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