

HADLEY INSTITUTE PLAN

The One Winnetka team will include pedestrian safety elements in the final Civil engineering design and construction phase logistics plans. The Village has to review and approve the plans and the One Winnetka team will coordinate with the Hadley Institute during the design process.

The following pedestrian safety measures will be considered for inclusion in the final Civil engineering design plans:

- Tactile sidewalk materials, including domed pavement.
- Tactile pathway systems at sidewalks and roadway crossings, such as the Armor Tile detectable guidance tile.
- In-pavement heating system to keep sidewalks clear of snow and ice.
- Streetscape plan with restaurant seating along the curb between the parkway trees to allow for a clear pedestrian pathway adjacent to the buildings.
- Driveway exit audible/visual warning systems at the Elm Street public parking facility, similar to devices that are commonly used at garage exits.
- Warning systems at pedestrian crosswalks, such as the TAPCO LaneLight in-road warning lights.
- Add a mid-block crossing of Lincoln Avenue at the pedestrian bridge across the Metra tracks.

The following pedestrian safety measures will be considered for inclusion in the final construction phase logistics plan:

- Temporary pedestrian crossing of Elm Street at Arbor Vitae, including a crosswalk warning system.
- Four-way stop at the Lincoln/Elm intersection, including a crosswalk warning system.

Tactile Systems

DETECTABLE GUIDANCE

The detectable guidance tile is to be used as a tactile pathway for the visual community at pedestrian crossings in roadways. The integral embedment flanges are the complete anchoring system for a new construction application and is available in many different sizes.

Features:

- lowest cost installation
- integral embedment flanges are the complete anchoring system
- installed at less than 1/4" above adjacent surface for detectability
- size available; 4"x24"

Armor-Tile™ Detectable Guidance Tactile Detectable Warning Surface products for the following and many more applications.

- Curb Ramps
- Pedestrian Crossing
- Vehicular Passage Ways
- Parking Areas
- Escalator Approaches
- Top of Stair Landings and Wheelchair Ramps
- Transit Platforms
- Multi Modal Transit Stations



Available Product Colors

Federal Yellow	#33538
Ochre Yellow	#23594
Brick Red	#22144
Colonial Red	#20109
Ocean Blue	#15187
Onyx Black	#17038
Dark Gray	#36118
Light Gray	#26280
Pearl White	#37875

DETAILED GUIDANCE SYSTEM DRAWINGS

PART NUMBER AND TILE SIZE	AGT-S023-0424-SRT5 4"x24"
PDF	
AUTOCAD	
CAD DETAIL	

GUIDANCE SYSTEM SPECIFICATIONS

California ADA Compliant Specification Including Installation Instructions - PDF	
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INSTALLATION INSTRUCTIONS

Detailed Installation Instructions - PDF	
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TAPCO LaneLight In-Road Warning Lights

In-road lights alert motorists to the presence of a pedestrian crossing or preparing to cross the street. The amber lights are embedded in the pavement on both sides of the crosswalk and oriented to face oncoming traffic. TAPCO LaneLight in-road warning lights produce a bright, daytime-visible light focused directly in the driver's line of sight clearly indicating the curve, hazard, crosswalk, variable lane, or lane edge. This requires no interpretation by the driver resulting in increased visibility.

When the pedestrian activates the system, either by using a push-button or through detection from an automated device, the lights begin to flash in unison, warning the motorist that a pedestrian is in the vicinity of the crosswalk ahead. The flashing LEDs shut off after a set period of time, i.e., the time required for a pedestrian to safely cross the street.

Industry leading 3 million candela/m² LED output for full daytime visibility



Features & Advantages

- Industry leading ultra-bright 3 million candela/m² LED output for full daytime visibility
- Snowplow-safe
- Flat profile in road, bike-safe
- Maintenance-free design
- Automatic night dimming
- Standard or enhanced flash
- Variety of activation devices and methods
- Environmentally friendly
- Low power consumption
- Solar-power option
- Economical
- Ideal for mid-block locations
- MUTCD compliant
- 5 year warranty

RRFB and In Lane Light

RRFB and in lane light warning system on crosswalk.



[Watch video »](#)



Optional Push Button or Button Station

- Activated with less than 2 lbs force
- Provides two-tone audible confirmation as well as visual confirmation
- Cannot be jammed or stuck in "on" position
- Wind, hail and vibrations have no effect
- Superior grade pre-treatment and powder coat
- Stainless steel button cap
- Meets ADA, MUTCD and TAC requirements
- Transient protection that meets and exceeds NEMA specifications



Optional BlinkLink™ Web-based Traffic Device Monitor & Control Software System

Monitor BlinkerSign® and other ITS device status from any web-enabled computer. Comprehensive management of all device settings, schedules and messages. Real-time information allows you to respond immediately to changing situations.

[Learn More »](#)



Optional Wireless Bollard

Pedestrians and bicyclists can passively trigger flashing BlinkerSign® LED signs, in-pavement LEDs, beacon warning systems and other ITS devices. Actuators are housed in anodized aluminum cabinets that can be secured to concrete or asphalt.

- Install virtually anywhere, utilizing wireless control if needed
- Designed to interface with ITS devices
- Dependable, precise control with minimal maintenance
- Battery operated: no grid wiring required
- No trenching or concrete cutting required





Optional Motion and Presence Detector

Active infrared and microwave technologies work together to provide precise presence and accurate vehicle and pedestrian motion detection.

- Mountable between 8' and 16'
- Impervious to light, sun rain and snow
- Housing is rated NEMA-4

Brochure for In-road Warning Lights

[IWS-in-road-warning-lights.pdf](#) | file size: 920kb

Pedestrian Crosswalk Solutions

[1005-00117-keeping-pedestrians-safe.pdf](#) | file size: 4.5mb



Request Quote Online

Use our online form



Discuss Options With Us

Call us at 1-800-236-0112

Other Activation Methods Available

Do you have a unique problem requiring a custom activated BlinkerSign® system? For years TAPCO has been providing custom stand-alone solar solutions. These electrical grid independent systems provide reliable warning when needed most-in harsh environments, dangerous areas and remote locations.

- Climate activation (fog, snow, ice, wind, etc.)
- In-ground inductive loop
- Temperature sensor
- Water sensor (flood detection)
- Overheight detection

Request quote

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