



Office of the Chicago City
Clerk



Or2011-918

Office of the City Clerk

City Council Document Tracking Sheet

Meeting Date: 9/8/2011
Sponsor(s): Mell, Richard F. (33)
Type: Order
Title: Traffic Signs/Signals Solar powered traffic Stop sign
Committee(s) Assignment: Committee on Pedestrian and Traffic Safety

**ORDERED, That the Commissioner of Transportation use 33rd Ward 2011
menu monies to purchase and install an illuminated, solar powered traffic stop sign,
per attachment, at the intersection of West Belmont Avenue and North Washtenaw
Avenue, stopping west bound traffic on West Belmont Avenue at North Washtenaw
Avenue.**

(Attachments)



**RICHARD F. MELL
Alderman, 33rd Ward**



SOLAR TRAFFIC SYSTEMS, INC.

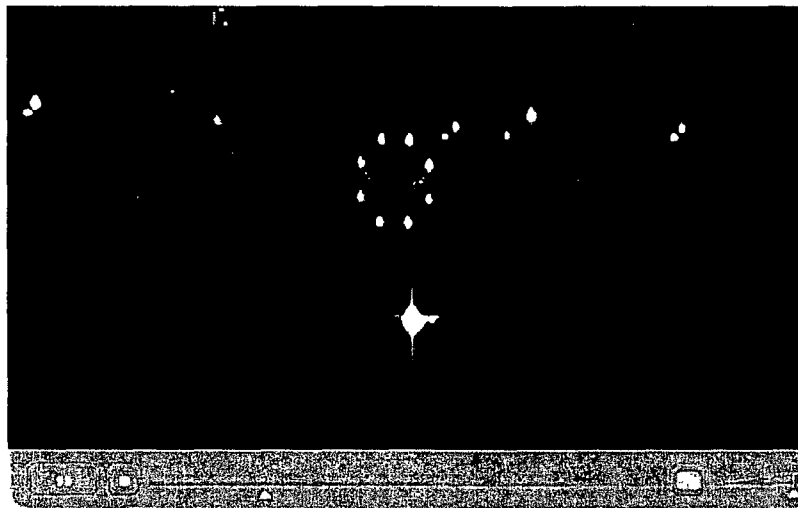
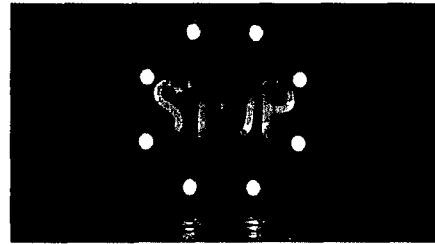
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Welcome to Solar Traffic Systems

A solar powered traffic stop sign with the capability of enhancing any intersection just by mounting onto an existing sign post. The stop sign has multiple function modes that are designed per your specifications, and you can also program them in the field with easy switch technology.

Bring traffic compliance and awareness to any intersection within minutes of mounting the sign.

With a "Go Green" national campaign underway, a solar powered stop sign using only power from the sun to illuminate the sign will show your commitment to this cause and help save lives and reduce property damage.



Even in the most remote areas, where power is not available, this sign's impact will make people react just to the flashing LEDs with curiosity as to what the sign is ahead.

The purchase of 1 sign can save thousands of dollars in traffic accidents. The attraction of the bright flashing LED lights will bring attention to the distracted driver up to 2 miles away.

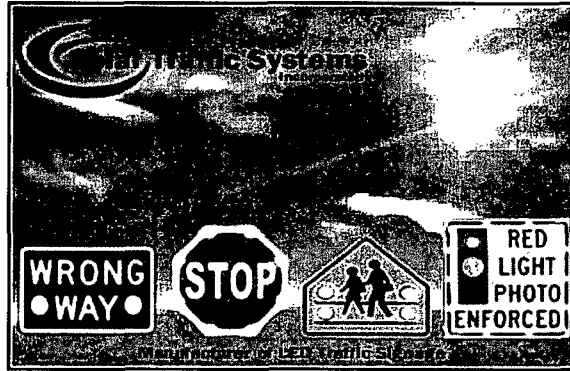
A Lease/Purchase Option is Available

Quantity Discounts

Patent Pending

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Products

Field Tested & Proven

Over 11 Day Run Time with no Solar Charging

All products manufactured meet and/or exceed all MUTCD specifications

Products Available:

Solar Stop Signs 24", 30", & 36"

- AC (120 Volt) Available

Yield to Pedestrians

- R1-6
- R1-6a

School Zone

- Speed Zone
- Cross Walk

Also Available:

30" **Portable Stop Sign** with a Water/Sand filled Base

Safety School Zone Solar Signs

Speed Control Solar Signs

Mounting Poles: Various Types and Sizes

Sign Construction:

Custom Name Plates (interior and exterior) to identify



It's Day Time..

1) Municipality/Firm Name

2) Serial Number

3) Date Manufactured

Highway Grade .080 Welded Aluminum Construction

Waterproof Encloser

3M Hi Intensity Prismatic Sheeting (Diamond Grade Available)

Stainless Steel Security Fasteners

Tamperproof Encloser Hardware

Tuff-Nutt Mounting Hardware

Theft deterrent Warning Labels and Security Devices

Quick Battery Access Compartment with Tamper-proof hardware

Sign Power and Circuitry:

10 to 20 Watt **12** Volt Solar Panel (Depending on Region)

12 Volt (**18 AH**) Rechargeable Sealed/Non-Spillable Battery

Hi Tech PCB Circuitry incorporated with Micro-Controller Design

8 (4250MCD Power) Exterior Red LEDs around perimeter of sign enclosed in watertight Lens

4 High Power Interior LEDs inside the encloser Illuminating the word "**STOP**" using a reflective lighting system design.

50 to 60 Flashes per Minutes per **MUTCD Requirements**

Operation Modes:

1) Dusk to Dawn

2) 24 Hours

3) 4 Lights On then Other 4 Lights On

4) Perimeter and "**STOP**" LEDs flash in Sequence Together.

Warranties:

10 Year Solar Panel Output

5 Year Sign Construction

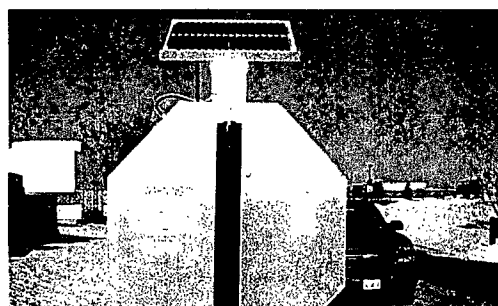
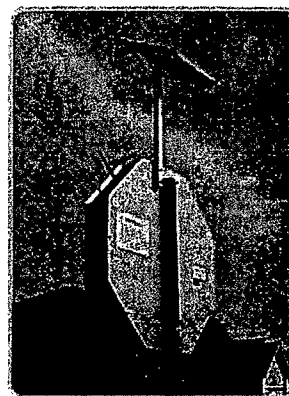
2 Year PCB Circuitry

1 Year Battery

What's nice about this sign is that when it is in function mode or standby mode, it is always a stop sign which requires traffic compliance.

Lease/Purchase Options Available

Quantity Discounts



Solar Traffic Systems, Inc. reserves the right to change the design and/or appearance of the products manufactured to enhance and improve the operations of each product as necessary.

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