

Item 2B - Solar Lighting For Transit Stops Update

PV Stop+ & PV Stop Max

Increased security and visibility at every stop



SR 25-458 Item 2.B.



Easily deployed security lighting, and power for digital signage at your next generation of bus stop.

- Installs in minutes at any bus stop with a standard transit pole.
- Tough enough for transit: all-aluminum construction, UL-listed, made in the USA, 10-year warranty.
- Quality 13" e-paper real time information display integration.

PV Stop+ & PV Stop Plus

Increased security and visibility at every stop

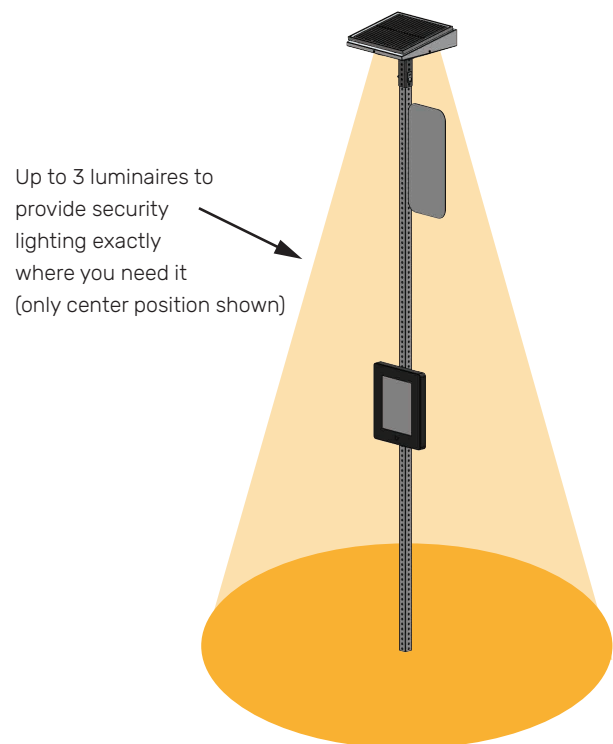
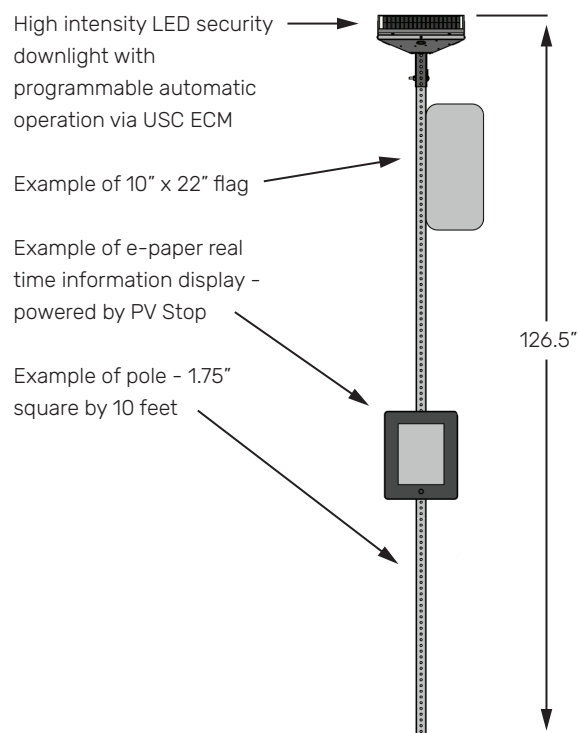


Features & Benefits

- Reduces rider pass-bys: the top complaint reported by transit agencies.
- Enhances security and deters crime
- Adjustable LED placement to provide security lighting exactly where you need it
- Power for e-paper real time signage solutions
- Optional USB charging port
- No trenching, utility bills or utility involvement
- Mounts to standard transit poles without special footings
- Easy and fast installation
- Independently tested for safety; UL-listing
- Reliable, high performance LED lighting
- Custom colors and decals available
- Industry leading warranty

Product Specifications

- Solar array size: 20W/40W
- Battery: 20Ah, 12.8V
- Battery chemistry: LiFePO4 (Sealed lead acid optional for cold climates)
- Battery autonomy: 5+ nights
- Luminaires: up to 3, 5W each
- Controller: Urban Solar ECM™ with real time clock and low voltage disconnect
- I/O: power with low voltage disconnect, battery state of health data via RS232/RS485
- Lighting profile: fully customizable, optional push-button activation
- Operating range: -40 to 140 °F (-40 to 60 °C)
- Pole dimensions: round or square, 1.75" to 3" diameter



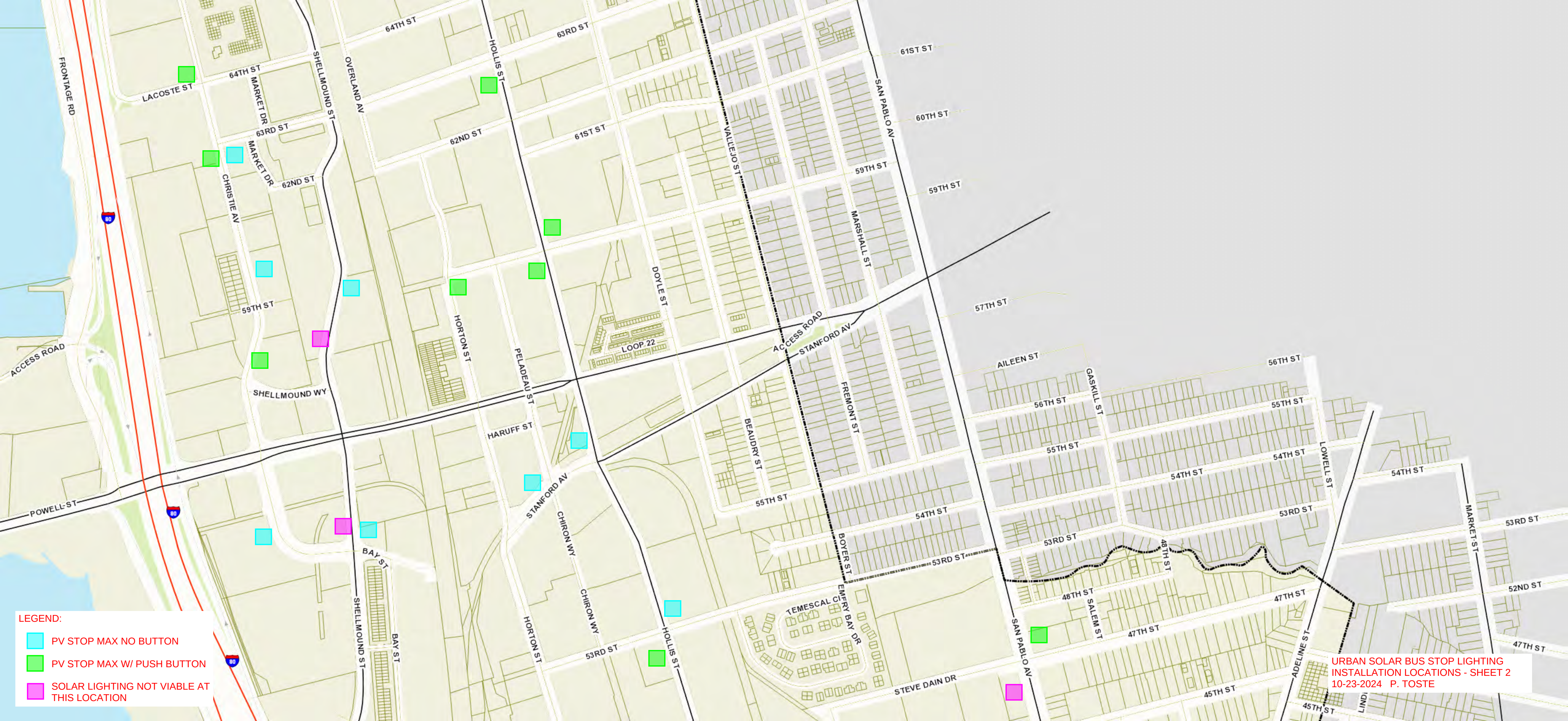
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URBAN SOLAR BUS STOP LIGHTING
INSTALLATION LOCATIONS - SHEET 1
10-23-2024 P. TOSTE



LEGEND:

- PV STOP MAX NO BUTTON
- PV STOP MAX W/ PUSH BUTTON
- SOLAR LIGHTING NOT VIABLE AT THIS LOCATION

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