

15th Street and L Street, NW Cycletrack Guide Lights Pilot – Fact Sheet



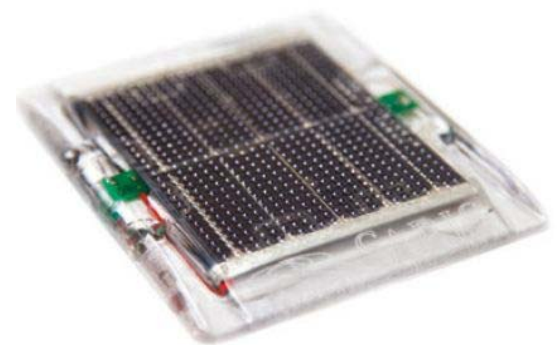
February 2014

What are Cycletrack Guide Lights?

Guide lights are solar-powered LED lights mounted flush with the pavement surface. At night, the lights may assist in guiding the path of cyclists, and providing an additional alert to drivers of the presence of a bicycle travel facility.

How do the Guide Lights operate?

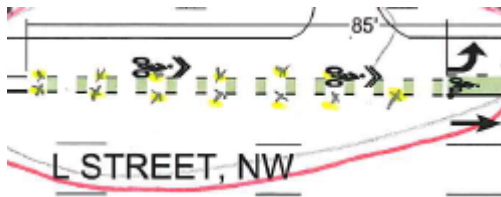
The Guide Lights store solar energy collected during daylight in a battery that powers small non-flashing LED lights that are activated by a light sensor. They are designed to withstand precipitation, plowing, extreme temperatures, and up to 20 tons of weight.



Picture from the manufacturer's website

Where will they be installed?

On the 15th St Cycletrack, we will install Guide Lights down the centerline of the Cycletrack between K and M Streets NW. The purpose of this pilot installation is to determine if Guide Lights help cyclists maintain correct lane position within the Cycletrack.



On the L St Cycletrack, we will install Guide Lights along the outer edge of two “mixing zones”, where drivers making a left turn at an intersection must merge into the Cycletrack and yield to through-traveling cyclists. The first “mixing zone” is just west of the intersection of L Street NW and 15th Street NW, and the second is just west of the intersection of L Street NW and Vermont Ave NW. The purpose of this pilot installation is to determine if they affect

how drivers and cyclists behave and interact in the Cycletrack mixing zones.

Are there plans to install more Guide Lights?

Not at this time. As a part of this pilot program, we will be observing how the Guide Lights impact behavior, and will survey users to collect their impressions about the Guide Lights. We will also be monitoring the long-term reliability and maintenance requirements of the Guide Lights. This information will help us in deciding whether or not to install more Guide Lights in the future.

When will the work be done?

DDOT hopes to install these Guide Lights in February 2014.

Where can I get more information on this project?

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Where can I get more information on the Guide Lights?

The manufacturer's product website:

<http://www.sarisparking.com/product/cycle-guide-lights/>



Picture from the manufacturer's website