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PRODUCT DOTs retrofit LEDs for energy-efficient lighting

Lighting
DOTs retrofit LEDs for energy-efficient lighting
March 7, 2012

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NAPLES, FLA. — The Maine Department of Transportation (MaineDOT) and Colorado Department of Transportation (CDOT) recently purchased LED High Mast Retrofit Kits from LED manufacturer Globaltechled (www.globaltechled.com), for installation of energy-efficient interstate roadway lighting. The LED Retrofit Kits were installed inside the existing Holophane and GE high mast Fixtures — delivering energy savings estimated at nearly 70 percent compared with the old non-LED sodium fixtures.



According to Jeff Newman, president of Globaltechled, the retrofit kits allow DOTs to consume a third less energy than typical high-pressure sodium mast lighting. Both MaineDOT and CDOT anticipate more than a decade of virtually maintenance-free operation.

Globaltechled said that based on its technology, the 400-W LED retrofit kits provide optic lighting control with little to no spill-off into neighboring areas, helping DOTs improve backlight, uplight and glare issues. Another green feature of the retrofit kits is a greenhouse gas reduction of 16,000 pounds per housing.

"Energy efficient and near maintenance-free LED lighting is ideal for DOTs," said Gary Mart, Jr., CEO and chief engineer. "Globaltechled's LED products offer early payback and financial savings over their lifetime. They are the best choice for our interstate highways."

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January 23, 2011 - January 27, 2011, in Washington D.C.
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November 30, 2010 - December 2, 2010, in Las Vegas
- [Trimble Dimensions 2010](#)
November 8, 2010 - November 10, 2010, in Las Vegas Nevada
- [IHEEP 2010](#)
September 26, 2010 - September 30, 2010, in Dearborn Mich.

HubDOT Exclusive

In replacing the Willamette River Bridge, the Oregon Department of Transportation makes steps to ensure the structure's ecological footprint is as small as possible, leaving room for natural habitats to flourish.



- [Bringing new life to the I-5 Willamette River Bridge](#)

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