



City of Coral Gables
CITY COMMISSION MEETING
January 26, 2016

ITEM TITLE:

A resolution of the City Commission of Coral Gables, Florida calling on Florida Governor Rick Scott, State Senate President Andy Gardiner and State Speaker of the House Steve Crisafulli to enact a bill to install embedded, in-road, solar-powered, marker lights in or within a 1-mile radius of an urban area in conjunction with the construction, reconstruction or other change of any state transportation facility.

DEPARTMENT HEAD RECOMMENDATION:

Approval.

BRIEF HISTORY:

In 2013, the State of Florida ranked first in the nation with the highest rate of bicyclist fatalities with 6.8 bicyclist fatalities per million residents, compared to the national average of 2.35%. Of these fatalities, 48% occurred between 4 PM and Midnight and 68% occurred in urban areas. In 2012, The National Safety Council (NSC) estimated that the bicycle fatality crash cost to society is \$3.3B and the bicycle injury cost to society is \$2.9B. Compounding this issue, many coastal roads in the State of Florida are required to turn off street lights during turtle nesting season (March through October).

Embedded, In-Road Solar Marker Lights improve the nighttime visibility of bike lanes and bicyclists and reduce the risk of roadway departure crashes by making the bike lanes visible for drivers at a greater distance. Public agencies are required to maintain minimum reflectivity of longitudinal pavement markings unless continuous lighting assures that the markings are clearly visible at night. Embedded, In-Road Solar Markers Lights are approved by the Florida Department of Transportation (FDOT) as Internally Illuminated Raised Pavement Markers (IIRPM) and are economical and easy to install with zero maintenance. Furthermore, Embedded, In-Road Solar Marker Lights will provide a bike lane lighting source during the turtle season and throughout the year.

APPROVED BY:

Department Director	City Attorney	City Manager

ATTACHMENT(S):

- Draft Resolution**