

**RESOLUTION NO.**

**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.**

**WHEREAS**, in 2013, most bicyclist fatalities occurred between 4 PM and Midnight (48 percent) and 68 percent in urban areas; and

**WHEREAS**, many coastal roads in the State of Florida are required to turn off street lights during turtle nesting season (March thru October). Embedded, In-Road Solar Marker Lights will provide a bike lane lighting source during the turtle season and throughout the year; and

**WHEREAS**, bicyclists accounted for 2.35 percent of all traffic fatalities and approximately 48,000 bicyclists were injured in 2013; and

**WHEREAS**, in 2013, 743 people lost their lives in bicycle/motor vehicle crashes, or two people every day of the year in the USA; and

**WHEREAS**, 83 percent of bicyclists surveyed said they felt threatened for their personal safety during their rides by motorists; and

**WHEREAS**, 68 percent of bicyclists fatalities occurred in urban areas; and

**WHEREAS**, 57 percent of bicyclists fatalities occurred at non-intersections; and

**WHEREAS**, 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 percent; and

**WHEREAS**, in 2013, the State of Florida ranked first in the nation with the highest rate of bicyclist fatalities with 5.5 percent of all total traffic fatalities, compared to the national percentage of 2.3 percent; and

**WHEREAS**, public agencies are required to maintain minimum reflectivity of longitudinal pavement markings unless continuous lighting assures that the markings are clearly visible at night; and

**WHEREAS**, when Embedded, In-Road Solar Markers (RRPMs) supplement or substitute for longitudinal lines, minimum pavement retro reflectivity levels are not applicable; and

**WHEREAS**, 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; and

**WHEREAS**, Embedded, In-Road Solar Markers Lights are approved by the Florida Department of Transportation (FDOT) as an Internally Illuminated Raised Pavement Markers (IIRPM); and

**WHEREAS**, Embedded, In-Road Solar Marker Lights are economical and easy to install with zero maintenance; and

**WHEREAS**, 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

**NOW THEREFORE BE IT RESOLVED BY THE COMMISSION OF THE CITY OF CORAL GABLES:**

**SECTION 1.** The foregoing "Whereas" clauses are hereby ratified and confirmed as being true and correct and are hereby made a specific part of this Resolution upon adoption hereof.

**SECTION 2.** The City Commission of Coral Gables, F calls on Florida Governor Rick Scott, State Senate President Andy Gardiner and State House Speaker Steve Crisafulli 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.

**SECTION 3.** That said resolution shall become effective upon the date of its passage and adoption herein.

PASSED AND ADOPTED THIS TWENTY-SIXTH DAY OF JANUARY, A.D., 2016.

APPROVED:

ATTEST:

JAMES C. CASON  
MAYOR

WALTER J. FOEMAN  
CITY CLERK

APPROVED AS TO FORM  
AND LEGAL SUFFICIENCY:

CRAIG E. LEEN  
CITY ATTORNEY