

FROM THE MAYORS DESK

SUBJECT: Report on the Everglades City Lighting Project

BACKGROUND: Everglades City government has long recognized the desire of residents to enhance the community's appearance by improving its walkways, bike paths, street landscaping and roadway lighting within the City limits. To make needed improvements, the Mayor and City Council applied successfully for Federal funds to make these improvements. The Lighting Project is now in the early stage of construction. Funding for the Project was made available through the Florida Department of Transportation (FDOT).

Like many of Florida's small cities, Everglades City is not certified by FDOT as a Local Agency Project (LAP) Certified community. Because it is not LAP certified, Everglades City was not eligible on its own to use Federal funding to install the Lighting Project. However, Collier County is LAP certified and has offered to manage and administer the federally funded Lighting Project to install additional roadway lighting in the City.

When completed, a total of 16 light poles will be installed in the median on Collier Boulevard and South Broadway from Camellia Street East to the traffic circle south of City Hall.

Following installation, the City has agreed to maintain the new roadway lighting system and to pay the cost of electric power for the lighting under the terms of an Interlocal Roadway Lighting Maintenance Agreement signed jointly by the City and by Collier County in 2009.

PROJECT DESCRIPTION: Responding to a recent request from an Everglades City resident, Mr. John W. Miller, Project Manager for Traffic Signals and Roadway Lighting for Collier County described the Project light poles as new and specifically designed for Everglades City. For each pole, lighting is provided by 400-watt high-pressure sodium bell-shaped Luminaire mounted at both ends of six-foot sculptured arm braced securely 40 feet above ground level. The exterior of the light pole assembly will be a highly durable UV and salt-resistant textured white polyester finish with a five-year manufacturer's warranty against fading and loss of gloss. A copy of Pole Data Sheet L-3 depicting the design features of the light pole is provided with this Memorandum.

PROJECT MANAGEMENT: Mr. Michael Greene, Collier County's Transportation Services Planning Manager, is overseeing the Everglades City Lighting Project. Throughout the process of designing, planning and approving the Lighting Project, Mr. Greene has been of enormous service to Everglades City in bringing it to fruition.

PROJECT FUNDING: The Lighting Project is underwritten by Federal Funds and under Project ID 420885-1-58-01. The total cost of the Lighting Project is \$240,826.00.

STREET LIGHTING SPECIFICATIONS: Construction plans for the Lighting Project were provided by the professional engineering firm of Agnoli Barber & Brundage, Inc. located at 7400 North Tamiami Trail in North Naples. Professional Engineer Ted Tryka supervised plan preparation.

Construction plans were completed in the fall of 2009 and reviewed by the Everglades City Council at the time of its regular Council meeting on November 3, 2009.

All material proposed for the lighting project including the final foundation design and calculations, equipment specifications, and shop drawings were signed and sealed by Professional Engineer registered in the State of Florida.

Foundation and pole installation for the lighting Project will conform to applicable FDOT structural standards and project design requirements. Each Luminaire lighting fixture will be protected from adverse weather conditions by a driven ground rod.

Sod used in the restoration of disturbed earth will be dug-in or rolled as required to match the existing grade for roadway medians. One inch of water per week will be required for a minimum of four consecutive weeks for the purpose of establishing permanent sod in the medians.

When erected as specified, the light poles will satisfy a Collier County criterion that they must withstand winds of 150 miles per hour (M.P.H.) Also; all light poles will be mounted on frangible/breakaway transformer bases.

COMPARABLE LIGHTING PROJECTS: The general design features of roadway lighting located on Livingston Road medians across from the Wyndemere Country Club, north of Golden Gate Parkway, provides an example of what the Lighting Project will look like after it is installed and fully operational.

I am proud to be your Mayor.