

# LSI Addresses Environmental Issue with Stylish, Low Pressure Sodium Lighting



## Ft. Pierce, FL

Current traditional street lamps are causing major problems with the turtle population. Hatchling turtles are guided to the ocean by an instinct to travel away from the dark silhouettes towards the ocean as they are attracted by the moonlight reflecting off the ocean. Today's streetlights lit by light sources other than low pressure sodium cause a huge problem because they attract the hatchling, drawing them away from the ocean to their death.

In south Florida, the City of Ft. Pierce has taken this issue very seriously and has launched a major project to replace its traditional DOT standard high pressure sodium streetlights with LSI's Greenlee Lifestyle fixtures. Using low pressure sodium lamps, the Lifestyle fixtures provide good photometric light levels for street lighting requirements while protecting the turtle population. In addition, these fixtures are full cutoff so glare and light spill do not fill the night sky.

This project includes various LSI Lifestyle fixture & pole configurations. The goal is to have the Lifestyle fixture become a community spec for City of Fort Pierce as well as other coastal cities.



*"The City of Fort Pierce has been actively seeking an innovative lighting design that will not only protect Florida's wildlife environment, but will also provide adequate lighting for motorists and pedestrians. One such product recently implemented was the utilization of LSI's Greenlee Lifestyle fixture designed with low pressure sodium lamps.*

*LSI also worked with us to incorporate the City of Fort Pierce's sunrise emblem. Being as the City is known as the "Sunrise City" we felt that it was very important to house this feature on our new lights that now align the SR A1A project within the city limits. With one phase of the project nearing completion, we are very pleased with the quality of the light fixture and the lighting that is provided for the adjacent walkways and roadway. The added bonus of course is the number of turtles who will now be able to find their way to the ocean, in turn providing future generations the opportunity to admire these magnificent animals."*

Tracy S. Telle - Asst. City Engineer - City of Fort Pierce