

## **Lift Station #9 Generator Installation (HMGP)**

### **Scope of Work for Generator Platform**

#### **Project Description:**

This project consists of the installation of generators to existing wastewater lift stations (citywide) to continue operating should power be lost during any storm event. The generator shall be protected against a 500-year flood event by locating them outside the Special Flood Hazard Area (SFHA).

After an engineering study, City of Ocala Engineering has determined that two of the proposed lift station generators to be installed are within a Special Flood Hazard Area (SFHA) and they need to be elevated about one foot above the Base Flood Elevation (BFE).

#### **The proposed work is generally described as follows:**

Lift Station #9, located on Fisher Park – 900 SE 22<sup>nd</sup> St, the new generator will need an aluminum platform to be elevated approximately 5 feet (El. 71.00') above the existing concrete slab elevation (El. 66.16'). The platform will need to be designed to support the generator weight (including safety factor) plus all the electrical components to be relocated to it. This platform will include the structural members, railings, gratings, anchors, steps, and any other necessary component. Generator will need minimum of 36 inches clearance all around for maintenance purposes.

Contractor is responsible of providing all materials, design, labor, and equipment to complete the portion of the project.