



## Charleston, SC - Civil Project

**Project Location:** Charleston, SC

**Team Members Needed:** Please see description and responsibilities of team members needed (at a minimum):

1. Responsible Engineer in Charge (REIC) - *Four years of professional experience and have appropriate licensure in project state or territory*
2. Quality Assurance Manager (QAM) - *Four years of experience*
3. Project Lead

Full descriptions and roles/responsibilities are linked and can be found on our website. Outside of those listed above, additional general project team members are welcome.

**Project Background:** There is a community of one-story condominiums in six buildings of various ages within Charleston, NC, governed by a nonprofit property owners' association. Two of the residential buildings have had ongoing storm water drainage issues. There is a drainage system, but it is not effective, and water does not flow away from the buildings, resulting in it puddling and standing for hours or even longer. Some units in these buildings have gutters, but they are not effective at moving water away. Residents are currently using sandbags to prevent water from entering their homes. The community is concerned about the immediate and long-term implications of these problems, including mold and mildew, and the way the buildings' structural integrity may be compromised. The POA is trying to determine the best and most cost-effective solution to solve the drainage problem.

**Description of the Community:** The POA consists of 27 property owners, and 31 total residents. There are four residential units housing five total people in the primary project site (building 1), and six residential units housing seven people in the secondary project site (building 2). All residents are over 55. All residents, including those in other buildings, will be positively affected as all owners are financially responsible for external maintenance of all buildings. Approximately one third of all residents have mobility challenges or other disabilities, 75% of residents live alone, and residents struggle with low income and poor health. Existing POA fees are already a challenge for residents, and the POA cannot afford to increase rates.

**Project Scope of Work:** The community is hoping that a CECorps team will be able to help them to define the problems, the root causes, and the corrective actions that can be taken to resolve the drainage and structural issues.

**Contact:** [CECinfo@ewb-usa.org](mailto:CECinfo@ewb-usa.org)