

BUSINESS PARK SANITARY SEWER IMPROVEMENTS

CAPE GIRARDEAU, MO

Subconsultants

SCI was contracted to obtain investigational borings to determine depth of bedrock along the proposed project alignment.

Year: 2014

Client: City of Cape Girardeau

Project Manager: James Quilacio

Immediate Supervisor: Raymond Frankenberg

Engineering

Cost Estimate: \$48,000.00

Actual Cost: \$46,237.83

Construction Base Bid and Alternate

Engineer Estimate: \$763,588.00

Low Bid: \$840,623.40

Contact: Casey Brunke, P.E.

Assistant Public Works Director

401 Independence Street

Cape Girardeau, MO 63703

(573)339-6351

cbrunke@CityofCapeGirardeau.org

Engineering

BFA provided professional services to construct a gravity sewer line extension from an existing wet well (empty lift station structure) location, east of the intersection of Veteran's Parkway and County Road 618, northward to LaSalle Ave., mostly along the western side of Williams Creek. The design included approximately 3,600 feet of 15 inch gravity sewer line and 17 manhole locations. Two new 35hp pumps were installed in the existing lift station for the initial phase pumping through an existing 8 inch force main. The lift station was set up to be expanded to 3 larger 85hp pumps in the future.

Surveying

BFA gathered topographic field data sufficient to complete final design and for future design of walking trail. Boundary and ALTA Survey were not included. Additional Survey Items included:

- Stakeout of bore hole locations.
- Setting survey control for stakeout and construction of project improvements.

Easements

BFA will prepare easement exhibits showing the physical location of the sewer improvements for use in dedicating easements. Boundary survey or platting is not included.

Bidding

BFA will provide bidding assistance to the City. Items under this heading may include:

- Provided two full size sets, two half size sets, and two copies of JSP's all signed and sealed. Electronic drawings in DWG and PDF format. Drawings in PDF format shall be signed and sealed. Electronic JSP's in PDF format, signed and sealed.
- Provided bid question responses suggestions to the City's Project Manager and assisted with preparation of addenda — the City's Project Manager was responsible for properly disseminating the responses.
- Attended a Pre-Bid Meeting at the project site and provided a detailed project overview to potential bidders and other stakeholders.