

The City of Portsmouth Riverfront Improvements – Grading & Concrete Upgrades Portsmouth, Ohio



Howerton Engineering & Surveying was contracted by The City of Portsmouth to design multiple upgrades to the riverfront area. After meetings with city officials and Riverdays Committee Members, HES designed the upgrades into phases to be completed each year.

The first phase of the upgrades was to rehabilitate damage to an existing concrete drive from The Ohio River flooding each year along with installing a new concrete pad for vehicles to park on during the events on the riverfront.

An initial topographic survey was performed of the entire riverfront area to act as a base map for all future development. All underground and above ground utilities were located and mapped.

HES developed bidding plans and documents then provided the city with construction bidding services, construction administration as well as construction inspection.

A particular difficult aspect of this project was that design services were not authorized until mid-summer and construction had to be complete prior to the city's annual Riverdays Festival at the end of August. HES dedicated multiple team members to surveying and designing this project to ensure that construction was complete and that the concrete had time to cure within the time frame for the event. The project was designed and completed ahead of schedule.

Client/Location

The City of Portsmouth
728 2nd Street
Portsmouth, OH 45662
740-354-8807

Client Reference

Sam Sutherland
City Manager
City of Portsmouth
740-354-8807

Project Status

Complete - 2012

Dates of Service

Design – 2012
Construction - 2012

Special Features

- Topographic Survey
- Utility Location
- Cost Analysis
- Construction Inspection
- Bidding Assistance
- No-Rise Certification

**HOWERTON
ENGINEERING &
SURVEYING PLLC**

The City of Portsmouth Riverfront Improvements – Electrical Upgrades Phase I Portsmouth, Ohio



Howerton Engineering & Surveying was contracted by The City of Portsmouth to design multiple upgrades to the riverfront area. After meetings with city officials and Riverdays Committee Members, HES designed the upgrades into phases to be completed each year.

The first phase of the electrical upgrades to the Riverfront area was to have AEP upgrade the transformers and power supply to provide adequate power for the stage and vendors to use without the aid of a generator.

New services lines were ran from the AEP service pole to a new CT Cabinet to control the riverfront and then ran over the floodwall. A service line was run underground in a watertight conduit down to the stage's new CT Cabinet. This service at the stage will be removed each year prior to the river's water rising and watertight plugs will be installed.

Services lines were run along the side of the riverfront's road then dropped to service pedestals to service each vendor's electrical needs.

Client/Location

The City of Portsmouth
728 2nd Street
Portsmouth, OH 45662
740-354-8807

Client Reference

Sam Sutherland
City Manager
City of Portsmouth
740-354-8807

Project Status

Complete

Dates of Service

Design – 2013
Construction – 2014

Special Features

- Topographic Survey
- Utility Location
- Cost Analysis
- Construction Inspection
- Bidding Assistance
- No-Rise Certification
- AEP Coordination