



Barboursville Park Mitigation

Kanawha Stone Company



Other Construction: Less than \$2 Million

Kanawha Stone Company constructed a mitigation project in Barboursville, WV utilizing design-build construction alongside engineering partner Terradon Corporation. The project entailed stream mitigation located on the grounds of Barboursville City Park.

The mitigation is a result of new development, Tanyard Station, located at the intersection of Route 60 and Route 193 in Barboursville. The development will remove approximately 958 linear feet of Tanyard Branch Stream. Tanyard

Branch is a perennial stream, that will be routed into a box culvert once construction starts on the Tanyard Station project. The removal of Tanyard Branch required a 404 & 401 permit from the Army Corps of Engineers and the WV Department of Environmental Protection.



Safety and Design

Kanawha Stone Company & Terradon Corporation worked with the Village of Barboursville and Tanyard Station, LLC to find an appropriate offsite mitigation site that would meet the permit requirements set forth in the individual permit. After surveying several sites in the area, a project site was chosen at the Barboursville City Park.

Terradon engineered a preliminary stream mitigation design to provide to Kanawha Stone for pricing. Both stream corridors were dredged and reshaped to create a two-foot low flow channel within a five-foot stream channel.

Project Duration:

- Two Months. Construction began in May of 2017 & was completed in July of 2017.

Project Safety:

- Kanawha Stone Company recorded no safety related incidents during the project's duration.
- Kanawha Stone Company held weekly toolbox safety meetings.

Contract Value: \$347,000

Project Features:

- 3,408 Linear Feet of Stream Construction
- Construction of 25 Rock Weirs
- Construction of Pedestrian Bridge
- 5,000 Cubic Yards of Excavation
- 3,500 Linear Feet of Slope Matting Installed
- 40 Trees Planted
- Installation of Concrete Riser Pipe

ABC Members Involved:

Terradon Corporation

