



**Overview:** This project consisted of the construction of improvements to redirect the storm water from the combined sewer to a natural stream channel in Ault Park, Cincinnati Ohio. 2,050 LF of overall stream improvements and the installation of a 60" RCP culvert constituted the major work on the project.

### Scope:

- Stream Channel Reconstruction
- In Stream Feature Installation
- 180 LF of 60" RCP Culvert Installation
- Outfall Access Chamber Installation
- 60" Check Valve Installation
- Multiple Manholes Installed
- 12", 15", 18" RCP Culvert Installation
- Extensive Planting and Seeding
- Walking Path Movement and Restoration
- Asphalt Grinding and Paving
- Concrete Paving



### Key Issues:

- Project located in a very Active City Park
- High Visibility Project
- Test Project for Future MSD CSO Projects

### Lessons Learned:

- This project was completely redesigned after Notice to Proceed was issued. The initial design was functional but did not have the physical characteristics that were esthetically pleasing for a park setting. WQSi worked together with the design engineer and the stake holders to build a project that incorporated natural features that did not look out of place in the stream or a park setting. The natural features included rock and log drops and boulders.
- Safety of the park visitors presented a concern due to people ignoring the safety signs and entering into the work area, even during work activities. All work was shut down during any time that visitors came into the working area.

