

CASE STUDY

Hilltop's Ready Mixed Concrete is critical component of revitalization project

Hilltop's concrete ensures the underground box conduit conveyance system reduces sanitary water overflow into Mill Creek.

CHALLENGE: The Lick Run watershed covers about 2,900 acres on Cincinnati's west side and includes the neighborhood of South Fairmount and portions of East Price Hill, West Price Hill and Westwood. Due to the combined sewer system, stormwater drainage would often cause the overflow of sewage and stormwater into Mill Creek, which feeds directly into the Ohio River. The \$110 million Lick Run Project includes 12 separate stormwater management/Combined Sewer Overflow (CSO) projects and is one of the biggest and costliest public works projects Cincinnati has ever undertaken.

SOLUTION: Hilltop Companies delivered Ready Mixed Concrete for the underground box conduit conveyance system that separates the stormwater from the sewer water. Hilltop was the clear choice in concrete suppliers because of their excellent customer service and optimal location. "Because Hilltop is close to the job, it means quicker service and better value for not having to truck the concrete a long distance," said Jeff Albers of Kokosing Industrial.

APPROACH: Hilltop provided 43,000 total cubic yards of Ready Mixed Concrete to multiple locations along Queen City Ave. The specifications included 10 different mix designs with one including a specialty admixture: MasterLife 300D. "This admixture was chosen due to its waterproofing abilities. It reduces penetration of water, seals hairline cracks and protects against sewage and waste," according to Mary Michael Jett, Technical Data Supervisor at Hilltop.

RESULTS: Hilltop delivered over 4,700 loads of Ready Mixed Concrete, meeting the timeline and product specification needs of the complex, multi-phased project. In addition to eliminating sanitary runoff, the new area includes basketball courts, improved landscaping, walking bridges, a playground, and a stage area, revitalizing a piece of Cincinnati.



Situation at a Glance

- The Lick Run watershed overflow is an issue due to the sewage that flows into the area.
- The \$110 million Lick Run Greenway project will eliminate much of the problem and includes the addition of an urban park and other beautification projects to help revitalize the surrounding neighborhoods.
- Part of Metropolitan Sewer District's solution includes an underground box conduit conveyance system.
- Hilltop Companies was the clear choice to provide the concrete for the conveyance system due to their outstanding customer service and the proximity to the jobsite.

Want to learn more about Hilltop capabilities? Contact us today!

Concrete Central Dispatch
(513) 621-1500

Sales Team
sales@hilltopcompanies.com