

# BEAVER RUN RIPARIAN CORRIDOR RESTORATION PROJECT

## FAST FACTS

Location: Chamberlain Park, Springdale, Ohio

Project Implementer: City of Springdale

Project Cost:  
Phase I: \$394,000  
Phase II: \$274,618

Amenities: park, basketball court, soccer field, grill, picnic tables, playground, ball diamond, water fountain

Completed:  
Phase I: 2004  
Phase II: 2012

## PROJECT FEATURES

Streambank stabilization of 1,600' (Phase I) and 230' (Phase II)

Native shrubs and trees

Terrace walls composed of soil lifts encapsulated in coir matting

Gently sloped streambank and stone-lined channel

Plunge pool construction

## CONTACT US

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Looking upstream, tall grass provides bank stabilization, June 2012

Walking across the bridge in Chamberlain Park in Springdale gives you a true sense of the beauty found along the Mill Creek. Beaver Run, a tributary of the Mill Creek, runs through Chamberlain Park in Springdale and is the location of the Beaver Run Riparian Corridor Restoration Project. This restored stretch of stream is easily accessible to the public and is the perfect location for a picnic or a stroll. Plantings of native shrubs and trees enhance wildlife habitat and increase biodiversity, beautifying the stream corridor.

## What is the Beaver Run Riparian Corridor Restoration Project?

This section of Beaver Run suffered continuous streambank erosion and downstream sediment deposits. The extensive hydromodification cut deep into streambeds, undermined fill materials, sent sediment downstream, and collected discarded items including shopping carts. Phase I was completed in 2004, which included 1,600 feet of streambank stabilization and plunge pool construction, with soft armoring and installation of native plants along the bank. Phase II was completed in 2012 with the replacement of a failed gabion wall. The 30 foot high bank has been stabilized with a gently sloped terrace wall. The project restored the riparian corridor and stabilized 230 feet of stream, permanently securing the bank.



## PROJECT GOALS

- Improve habitat for fish and bugs
- Prevent erosion and downstream sediment deposits
- Enhance wildlife habitat and beautify stream corridor
- Reduce flooding and siltation
- Restore riparian corridor and lower maintenance costs



Phase I Before



Phase I After



Phase II Before



Phase II After

## Project Partners



CDS ASSOCIATES, INC.



Straub Ecological Services



## Project Funders

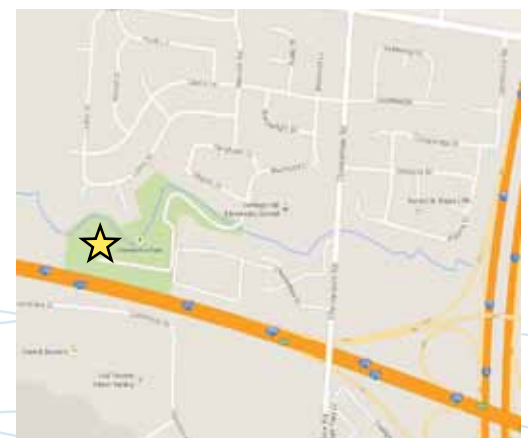


(Phase I)



(Phase II)

## LOCATION



Chamberlain Park, west of Chesterdale Road and just north of I-275, on Marwood Lane in Springdale, Ohio.