

**PROJECT: OLD NORCROSS STREAM RESTORATION**

SITE PLAN



DESCRIPTION

**PROJECT DESCRIPTION**

Georgia Development Partners contracted with Gwinnett County to restore 1,500 linear feet of Sweetwater Creek and 900 linear feet of a connecting primary tributary. Three large diesel by-pass pumps were employed to divert a minimum of 15cfs of flow around the 1,500 linear feet of main channel construction. GDP moved over 6,500 yards of net dirt to realign the channel, and a total of 425 tons of granite crest stones were used to create a total of 22 structures that consisted of 5 cross vanes, 16 J-hooks, and one log sill. Several acres of wetlands were re-established in order for the county to bank mitigation credits. Additionally, 5,238 native plants were installed to revegetate and stabilize the project, and a 3,000 linear foot mulch walking path was created for the public to gain access to the restored waterway. GDP consistently worked with the client and engineer to make field adjustments throughout the project. GDP delivered the project on-time and under budget despite facing multiple large storm events that produced flows in the creek in excess of 1,000 cfs

**CLIENT**

Gwinnett County  
Norcross, Georgia

**ROLE**

General Contractor  
Stream Restoration  
Streambank Stabilization  
Wetland Re-establishment  
Walking Paths

**PERIOD**

2012 - 2013

**SIZE**

2,400 linear feet of stream  
22 structures  
By-Pass Pumping

**COST**

\$ 938,580