



US Army Corps  
of Engineers  
Wilmington District

## Western Cary Streams Restoration, Cary, NC Aquatic Ecosystem Restoration (CAP Section 206)

- **Sponsor: Cary, NC**
- **Preliminary restoration plan completed in August 2003**
- **Project partnership agreement executed in December 2009**
- **Construction contract awarded in January 2012.**



CONGRESSIONAL DISTRICT: NC 2, 4

DATE: 8 April 2013

1. **AUTHORIZATION:** Section 206 of the Water Resources Development Act of 1996, as amended.
2. **STUDY AREA:** The proposed restoration project is located on the upper part of White Oak Creek in Cary, North Carolina, just west of Raleigh, the state capital. With the development of the Research Triangle Park in the 1960s, Cary has experienced high-quality urban growth that continues today and has had an impact on aquatic ecosystem habitat in the area.
3. **IMPROVEMENTS DESIRED:** The proposed project would restore approximately 1 ½ miles of White Oak Creek; up to 50 feet on either side of the stream, and approximately 40 acres of wetlands, creeks, channels and habitat. As requested by the sponsor, the feasibility phase study considered and evaluated appropriate restoration and preservation measures along Panther Creek, White Oak Creek, and the tributary Batchelor Branch to improve and preserve the streams' fish and wildlife habitat, hydrologic regime, water quality, and recreational use. Through close coordination with the environmental agencies and the sponsor, it was determined that the currently recommended project to restore the hydrologic regime, repair existing stream damage, and improve habitat in an area on the upper White Oak Creek is the only area recommended for project approval and construction at this time.
4. **COST ESTIMATE:**

\$ 470,000	(Feasibility study)
<u>1,681,000</u>	(Design and implementation phase)
\$ 2,151,000	Total (65% Federal/35% non-Federal)
	(\$1,398,000 Federal & \$753,000 non-Federal)

PROJECT INFORMATION – Western Cary Streams Restoration, Cary, NC (Aquatic Ecosystem Restoration - CAP Section 206) - Continued

5. **FEDERAL FUNDING ALLOCATION THRU FY 2012:** \$ 1,308,000
6. **FY 2013 ALLOCATION:** \$ 65,000. Perform supervision and administration of construction contract.
7. **FY 2014 OPTIMUM AMOUNT:** \$ 25,000. Funds could be used for post project monitoring.
8. **KEY DATES:**

July 2013	Environmental monitoring
December 2013	Project complete, close-out

Note: Completion dates subject to the availability of funds.

9. **STATUS:** The final feasibility report and project implementation were approved in September 2009. A project partnership agreement between the sponsor and the Corps of Engineers was executed in December 2009. Project design was completed in FY 2010. Acquisition of needed lands by the sponsor was completed in FY 2011. Solicitation and award of the construction contract was completed in January of FY 2012. Completion of the construction contract, provision of an operation and maintenance manual to the sponsor, and initiation of post-construction monitoring to assure the project delivers the intended benefits is scheduled to conclude in early FY 2014.

10. **OTHER INFORMATION:** The Western Cary Streams Restoration project was a congressionally named project in FY 2008, FY 2009, and FY 2010. This project has also been named in the House, Senate, and/or Conference Reports in FY 2004, FY 2005 and FY 2006.

The town of Cary and local stakeholders are committed to developing and implementing a comprehensive solution to restoring, protecting and maintaining the Panther Creek, White Oak Creek, and Batchelor Branch watersheds.