



**US Army Corps
of Engineers®**
Fort Worth District

Sponsor: City of Seguin

Ecosystem restoration of Walnut Branch Flood Control Structures

Project Fact Sheet
Community
Authorities
Program (CAP)

March 30, 2015

Type of Project: Section 206, Aquatic Ecosystem Restoration

Authorization: Water Resources Development Act of 1996

Latest Project Milestone: Corps initiates construction

Status: Contract for \$2.814 million awarded Feb. 27, 2015, to Bristol Engineering Services Corp.

Background: The project is located in the Central Texas city of Seguin. Walnut Branch runs through the center of the city. The upper reach of Walnut Branch is an existing Corps flood damage reduction project consisting of a trapezoidal, earth-line channel completed in 1984 and recently supplemented by two dry detention structures constructed by the city. The lower reach of Walnut Branch is fed by springs and maintains a more natural channel configuration; however, this reach has areas that are deeply incised with areas of cut-bank erosion. This lower reach has an over-story of large pecan and live oaks with very dense underbrush of hackberry, vines and other exotics such as Phragmites. The lower reach is also plagued by large piles of woody and non-woody debris, often spanning the entire width of the channel. The habitat value of these areas would be considerably improved with debris removal, the development of riffle-pool complexes, bank stabilization, and restoration of the riparian forest corridor.

