

Fact Sheet

EMERGENCY WATERSHED PROTECTION PROJECT STAFFORD ROAD, SOMERS, CONNECTICUT

DISASTER:

During the week of October 7-15, 2005, the State of Connecticut was struck by two very heavy rainfall events. Combined, the rainfall from these two events totaled 9-16 inches across the state. This rainfall resulted in major flooding of several sub-regional river basins in Hartford and Tolland Counties on October 14-15, 2005.

PROJECT:

Thrasher Brook eroded a section of the stream channel undermining a garage and endangering a house on Stafford Road. Several trees fell downstream at the toe of a steep hill.



Before Construction

MEASURES TAKEN:

Approximately 185 feet of stream was protected by removing some trees and debris blocking the site access and replacing riprap on the north bank (garage side) and in grade control sills on the channel bottom. The floodplain to the east of the garage was graded to drain away from the garage. The south bank was protected with a combination of round and angular boulders. The low flow channel was excavated to have a somewhat undulating bottom with small pools. The site was seeded and 4 pin oaks were planted. The total contract cost for this project was \$68,830.00.



After Construction

COSTS: NRCS AND SPONSORS

Natural Resources Conservation Service provided \$51,622.50. CT Department of Environmental Protection and the Town of Somers provided \$17,207.50.

SMALL BUSINESS CONTRACTOR:

Vynalek Construction Company, Inc., of Higganum, Connecticut, was awarded the contract.