

Fact Sheet

EMERGENCY WATERSHED PROTECTION PROJECT SCHNEIDER 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:

Slope failure along the Scantic River was endangering a house, garage and septic system on Schneider Road.



Before Construction

MEASURES TAKEN:

Along a 230 ft. section of the Scantic River by the endangered house, the streambank was protected with rock rip rap filled with topsoil and planted to grass and trees. A 3 foot high gabion and fence were placed at the top of bank. In addition, a 4 ft. deep pool was maintained and large fish rocks were added for fish habitat. Further downstream along a 240 ft. section of the river, gravel obstructions were removed and the area was re-graded to a naturally sized low flow channel with pools, riffles and a natural bank-full width channel. A floodplain at bank-full elevation was created extending over to the existing lawn area. This re-established the flow conveyance that existed prior to October 2005 and also created good fish habitat. The total contract cost for this project was \$166,236.20.



After Construction

COSTS: NRCS AND SPONSORS

Natural Resources Conservation Service provided \$124,677.15. CT Department of Environmental Protection and the Town of Somers provided \$41,559.05.

SMALL BUSINESS CONTRACTOR:

Standard Demolition Services, Inc., of Trumbull, Connecticut, was awarded the contract.