



Town of South Windsor BONDED CAPITAL PROJECTS

AVERY BROOK CHANNEL STABILIZATION

Project Description

Avery Brook runs from North of Beelzebub Road through a pipe across Woodland Drive and discharges into an open channel between Woodland Drive and Kelly Road. The open channel has been eroding for many years. Now the channel along Avery Street is four times wider than it once was. Sediment is carried down the Avery Brook Channel and settles out at various points and ultimately ends up in the pond behind the pumping station at Benedict Drive. Town crews and at times contractors hired by the Town must continually remove this silt from the channel to keep it clear.

Recommended Solution

The open channel along Avery Street must be stabilized to greatly reduce further erosion and possibly be restored. Options include rip rap, stone filled gabions, core logs, and concrete lining. Stabilization of this channel will be a challenge as the flows can increase greatly during heavy rain storms.

Schedule

Engineering	2008-2010
Easements/ROW	2009
Construction	2010

Status (as of 12/1/08)

The Town has hired the National Resource Conservation Service to conduct a study of Avery Brook and determine the sediment source, load and recommend ways to stabilize the banks and bottom of this brook.

