



SOIL STABILIZATION PRODUCTS COMPANY, INC.

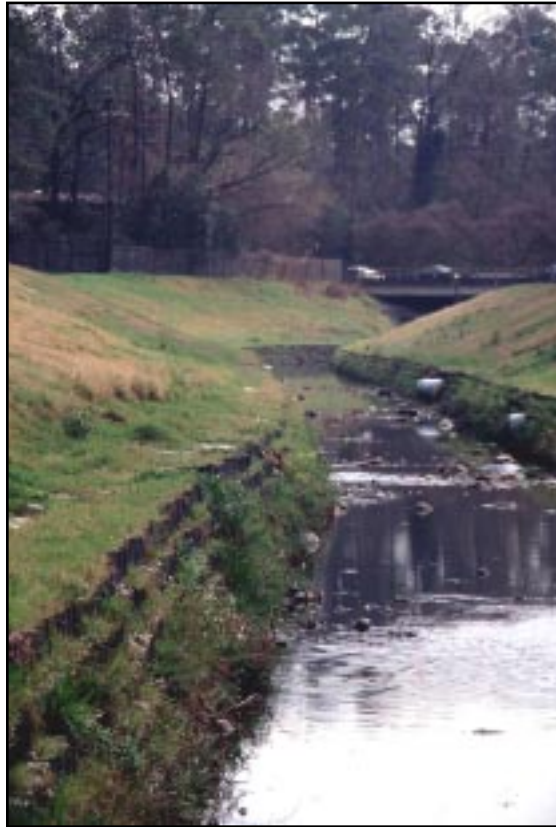
RUMMEL CREEK CHANNEL PROTECTION

Utilizing the GEOWEB® Cellular Confinement System

Harris County Flood Control District (HCFCD)
Houston, Texas

In a park-like residential neighborhood in Houston, the Harris County Flood Control District was seeking an attractive solution for flood control channel maintenance problems. They found a natural and aesthetically pleasing answer by using the GEOWEB Cellular Confinement System to construct drop structures and a channel lining.

The **GEOWEB** system was used to construct a series of drop structures upstream of the primary project as well as within the project. This view shows more of the drop structure and slope protection details.



Though Tropical Storm Francis flooded the project in September of 1998, and water levels were from six to eight feet over the top of the **GEOWEB** walls, the **GEOWEB** system retained the infill materials, protecting the banks from erosion and sloughing.

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▲ HCFCD staff have noted that they are “very pleased with the fact that the system has survived the scouring attack and that it is already evident that vegetation will eventually be fully established within the system to provide a natural looking finish.” It is often the case that **GEOWEB** installations completely disappear behind natural vegetative cover.

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