

## Valley Forge Road, Weston, CT Bridge Survey Weston, Connecticut

### Project Manager

Peter Iffland

### Location

Weston, CT

### Owner

Town of Weston

### Duration

2006-2009

### Project Description:

This project consisted of topographic surveying and mapping as well as hydraulic sections for the redesign and construction of the existing bridge. GPS was used to establish vertical and horizontal control on state plane datum at the site. Then, conventional survey was used to gather the remainder of the features surveyed.

The hydraulic sections requested by the designers were very difficult to acquire due to the steep rock faces along the river, deep water and fast currents. Since the area was only accessible by boat and safety was always a primary concern, additional personnel were used to keep the boat secured while one man was in the boat.

### Salient Features

- GPS for Control Survey
- Difficult Hydraulic Sections

