

# ***Village of Tarrytown – Water Distribution System Improvements Mapping***



## ***Design Data***

### ***Owner***

The Village of Tarrytown

### ***Location***

The Village of Tarrytown,  
Westchester County, New  
Jersey

### ***Project Components***

Phasing of Improvements  
Cleaning and Lining

Structural Lining

Replacement

Extension

PCI has worked with the the Village of Tarrytown to help determine the need for capital improvements to the Town Water distribution Infrastructure. We have developed a comprehensive system facility plan and master planning documents including hydraulic models of the various water districts under the jurisdiction of the Town.

PCI worked with the Village Water Department to update pipe sizes and layout, as well as valve and hydrant locations. The layout was then geo-referenced to confirm scale and topographic relief. From the mapping, a hydraulic model was developed and calibrated, based on the results of flow testing at various locations within the system. The model has been used to identify deficiencies in the distribution system piping and requirements for additional storage.

***PCI***  
***Professional Consulting, Inc.***

***Consulting Engineers***