



## West Grove Borough Traffic Signal Replacement

Municipal Engineering & Planning/  
Transportation Planning and Permitting

Hanover Engineering was retained by West Grove Borough to assist in the preparation of a grant application, and the planning and design for the replacement of the traffic signal and associated pedestrian upgrades at the intersection of Evergreen Street and Prospect Avenue in West Grove Borough, Chester County. Hanover Engineering helped secure a grant through the County Department of Community Development (CCDCD), and worked closely with the Borough to obtain the required easements and PennDOT approvals for the project.

The project primarily consisted of retiming the intersection and replacing the left turn signal for the westbound Evergreen Street approach. In addition, the project included the installation of four decorative poles and mast arms, traffic signals and controller cabinet, video detectors, lighted pedestrian push buttons, pedestrian hand/man signals with countdown timers, and new overhead lane control

on the westbound Evergreen Street approaches. Hanover Engineering provided construction phase services, including construction observation and coordination with PennDOT and CCDCD, and prepared close out documents.

Hanover Engineering prepared plans and specifications meeting the requirements of the grant application, and coordinated the design with future vehicular and pedestrian safety improvements being proposed and funded by a PennDOT HomeTown Streets Safe Routes to School Grant Project.

The HomeTown Streets Project includes the installation of curb and sidewalk on Evergreen Street and Prospect Avenue for pedestrian safety, as well as reducing lane widths for traffic calming. The project also includes minor lane realignments at the traffic signal to improve traffic flow and enhance pedestrian safety.

### PROJECT DETAILS

- **Location**  
West Grove Borough, Chester County
- **Client**  
West Grove Borough
- **Completion Date**  
September 2010
- **Total Project Cost**  
\$130,000

