



Current Events

A Newsletter of Phelps Engineering, Inc.

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Season's Greetings

Wishing our friends and acquaintances a joyous holiday season and a prosperous and healthful New Year.



Project Achievements

➤ *Town of Waitsfield Infrastructure Projects*

The Town of Waitsfield has taken significant steps to advance the goal of providing new water supply and wastewater infrastructure for Irasville and Waitsfield Villages. The Selectboard has approved a well drilling program in an abandoned Town road right-of-way where there is a known high yield aquifer. The location is also well suited to connect to a proposed 500,000 gallon storage tank on another Town-owned parcel. These core elements will allow for the development of a complete public water system with fire protection to serve the Village growth center.

Last year, Phelps Engineering completed a Facilities Plan for a community wastewater system which is also intended to serve the Village areas. The project will include a new sewer collection system, a tertiary wastewater treatment plant, and subsurface disposal at a site the Town purchased for this purpose. The Vermont Congressional Delegation has provided Federal earmark grants of \$3 million toward this project. The Selectboard has authorized Phelps Engineering to proceed with the final planning for the wastewater system while concurrently seeking other additional funding for the \$8 million total project.

➤ *Eastview at Middlebury Retirement Community*

In January 2005, Phelps Engineering began assisting the partners of the non-profit Eastview at Middlebury, Inc. with the planning for a much-needed retirement community in Addison County. The selected site is adjacent to the Porter Medical Center complex on South Street in Middlebury. The location is ideal due to its proximity to the hospital, Village center, and Middlebury College (and its golf course), and has commanding views of the Green Mountains to the east - hence the project's name.



*Eastview at Middlebury Proposed Retirement Community
Rendering by Gawron Turgeon Architects*

The project will include 101 units ranging from independent cottage-style residences to apartments and provision for assisted living and memory loss units. Following numerous public meetings and hearings at the Town level, the project gained full local support in August. A pre-sales program has shown overwhelming interest. The project currently is in the final planning and permitting stages, and construction is slated for Spring 2006.

We were especially pleased to receive the following compliment from project partner Rob Alberts:

“Phelps Engineering has done fabulous work. You have an excellent staff, and Eastview could not be happier.”

For further information about the Eastview project, please refer to www.eastviewatmiddlebury.com.

Project Achievements (Continued)

➤ *South Alburgh Fire District No.2 Water System*

South Alburgh Fire District No. 2 is moving forward with providing residents of the newly formed Fire District with a safe, reliable water supply. Design and permitting has begun on a new system to include approximately 20 miles of distribution mains and a storage/booster pump system.

Last year, the Fire District received a successful bond vote for the nearly \$7 million project. Funding from the Vermont Water Supply Division has since been secured.

An Act 250 Permit application has been submitted for the first of a four-phase project with construction expected over the next three construction seasons.

➤ *Town of Middlebury Project Highlights*

We are actively engaged in several major infrastructure improvements for the Town of Middlebury, including:

- A chlorine contact project at the Palmer Springs well to meet State and Federal requirements for the well which produces approximately 1,700 gallons per minute. The solution will include approximately 2,000 feet of 24-inch pipe plus a 12-inch diameter return pipe. Other needed water main replacement and upgrades will be performed at the same time. This project will be constructed in the summer of 2006.
- Seminary Street Improvements – The Town selected Phelps Engineering to conduct surveys, design, and construction phase management for upgrades to Seminary Street. This will entail installing a new storm drainage system, street reconstruction, and surface restoration in this neighborhood. Bids will be sought during the winter for the 2006 construction season.
- College Street Improvements – This project involves the replacement and upgrade of segments of water main, sewer force main, and storm drains in anticipation of a planned street repaving project. Bids will be sought during the winter for the 2006 construction season.
- *East Middlebury Fire District No. 1*

Following two years of planning and easement acquisition, the East Middlebury Fire District No. 1 has completed an important water transmission main project. The project included a 12-inch water main from the system's water storage tank to a connection with an existing main on Lower Plains Road. The project was completed by local contractor Tom Bodette Landscaping and Excavating. The Fire District will experience substantially increased water flow for fire fighting and have redundancy in its transmission to the system.

Phelps Engineering has also planned a means for the Fire District's two well supplies to conform to State and Federal requirements for chlorine contact time. This project will be constructed in 2006.

➤ *New Haven Public Safety Facility*

With completion of the Royalton Public Safety Facility, efforts are now being focused on the New Haven Public Safety Facility. A 2006 opening is planned.



Governor Douglas and Other Officials at the New Haven Groundbreaking Ceremony

Regulatory Updates

The State Water Quality Division is expected to issue a requirement in early 2006 for general permits for small construction sites. This will have an effect on small projects being constructed during the 2006 season; many more projects will now require permits. Please contact the State Water Quality Division or our office if you need assistance with stormwater permitting.

Personnel Notes



Jeremy Rathbun joined the firm in April 2005 as a Project Engineer. Jeremy earned his Bachelor of Science degree from Clarkson University and has a background in civil, mechanical, and electrical engineering. He lives in Cornwall and is an avid hiker, camper, and skier.

In October 2005, we were joined by Jacob Watrous. Jake earned his Bachelors degree from Castleton State College and plans to attend Clarkson University in 2006 where he will further his civil engineering skills. Jake lives in Rutland with his fiancée Heather Narf. A summer 2006 wedding is planned. Jake enjoys camping, hiking, and traveling.