

Luther Forest Technology Campus

New Road Construction



Location: Town of Malta, NY

Client: Town of Malta

Value: \$33 million

Overview

Luther Forest Technology Campus (LFTC) is being designed as an innovative environment in a forest setting for semiconductor and other high-technology companies.

Our role involved clearing and grubbing 110 acres; moving 600,000 cubic yards of dirt; putting in a subbase for 5.5 miles of internal campus roads; installing 13,000 feet of a 30" water main within the campus; and constructing four large three-sided box structures for stream protection.

"Coordination was essential and we participated in weekly meetings with the design engineer, the Town of Malta, and LFTC."

Challenge

A major challenge was the unanticipated bad soil condition, which was very wet. It was also essential to maintain communication throughout the project with other key players, such as subcontractors and township officials about utility and other issues.

Solution

One solution to the soil problem was to recycle shale from a nearby township project to replace the bad soil. In other instances, before placing the three-sided box structures, we drilled down 85 feet and installed wick drains that compress material and suck out water. These were let to sit for four months before installing the structures over stream crossings.

Result

The project, slated for completion in fall 2009, is ahead of schedule, with two miles of the 5.5-mile internal road already paved, allowing access to the campus earlier than anticipated for the construction of the proposed Advanced Micro Devices (AMD) facility.

"Soil conditions were a challenge, but we recycled shale from a nearby project to remedy this situation."

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