

CONTEXT SENSITIVE SALT SHED

East Haddam, Connecticut

Contact:

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Problem Statement:

East Haddam has an area of 56 sq. mi. and 119 miles of road to maintain. Remote storage for sand/salt at a second site is necessary; but budget constraints would not allow a pre-engineered conventional salt shed building.

Discussion of Solution:

Pre-cast 6'x6'x3' concrete blocks were available at no cost from a bridge job recently completed in Town. Town forces did the site preparation and layout. Sixty blocks were moved to the site and set in place by the Town. The Town issued a performance-based "design-build" scope for a carpentry contractor to create a structure in compliance with performance standards identified by the Town's Director of Public Works. There was no architect or engineering firm employed. Contract administration and quality assurance was performed in house by the Town's Public Works Director and Road Foreman. The Town's Building Official provided plan review through the permitting process.

Cost:

Estimate \$29,000 for all carpentry work and material. This does not include the value of the Town's labor or donated concrete blocks. We believe this represents a cost savings of more than \$60,000 compared to a conventional dome or gambrel topped structure for this use.

Savings & Benefits:

The benefit is an effective covered storage building that will safeguard the environment, reduce over-the-road truck time to refill during storm events and do so in an aesthetically pleasing, economical way.

