

**2014 Infrastructure Capital Project  
Scope of Work Summary**

**Queensbury Elementary School**

<b>Category of Work</b>	<b>Budget</b>	<b>Scope Item Included</b>
Building Envelope		➤ Replace a number of exterior doors
Building Systems		➤ Address drainage issues in parking lot
		➤ Address heat issues in Nurses Office
Energy Savings		➤ Replace building-wide clock system
		➤ Upgrade boiler plant
		➤ Replace pool heat exchanger with condensing boiler
		➤ Install tank-less hot water for pool showers
		➤ Install pool cover
		➤ Install solar water heater for pool
		➤ Upgrade lighting in classrooms and hallways
		➤ Upgrade energy management system
Health, Safety and Security		➤ Reconfigure main entrance for improved security
		➤ Install emergency exterior door egress lighting
		➤ Extend fence around playground to provide better safety during school day
		➤ Expand card access system
		➤ Replace dated and failing digital video recording equipment
Interior Finishes		➤ Replace Kindergarten carpet
		➤ Replace non-compliant door hardware with ADA hardware
Roof Replacement		➤ Replace four small sections of roof on the 1988 additions
Site Work		➤ No work planned in this category
	\$1,770,000	Building budget for above scope of work

**William H. Barton Intermediate School**

<b>Category of Work</b>	<b>Budget</b>	<b>Scope Item Included</b>
Building Envelope		➤ Replace exterior doors on gymnasium
Building Systems		➤ Replace building-wide clock system
Energy Savings		➤ Install variable speed drives on heating hot water pumps
		➤ Install instantaneous hot water for domestic use to allow for shutting down large building boilers over the summer
		➤ Upgrade various light fixtures for improved efficiency
		➤ Upgrade energy management system
Health, Safety and Security		➤ Reconfigure main entrance for improved security
		➤ Replace motors and cable system on gym basketball goals
		➤ Expand card access system
		➤ Replace dated and failing digital video recording equipment
		➤ Replace building-wide public address system
		➤ Install emergency exterior door egress lighting
Interior Finishes		➤ Replace worn classroom carpet sections with vinyl tile
Roof Replacement		➤ No roof work in this building
Site Work		➤ No site work in this building
	\$602,400	Building budget for above scope of work

## Queensbury Middle School

Category of Work	Budget	Scope Item Included
Building Envelope		➤ Replace selected exterior doors
Building Systems		➤ Upgrade district-wide phone system
		➤ Replace univents in rooms still on the old steam system; replace old steam lines with hydronic piping
Energy Savings		➤ Upgrade lighting in various locations in the building to improve energy efficiency
		➤ Upgrade energy management system
Health, Safety and Security		➤ Replace various doors and hardware around the building
		➤ Expand card access system
		➤ Replace dated and failing digital video recording equipment
		➤ Replace building-wide public address system
Interior Finishes		➤ Install emergency exterior door egress lighting
Roof Replacement		➤ No work in this category in this building
Site Work		➤ Replacement of roofing installed in 1988
		➤ Investigate solution to front parking lot draining issues
\$2,145,600		Building budget for above scope of work

## Queensbury High School

Category of Work	Budget	Scope Item Included
Building Envelope		➤ Replacement of selected exterior doors
Building Systems		➤ Repair/renovate boys shower and locker room
Energy Savings		➤ Connect ice harvesting chests to provide off-hours chiller water creation for daytime use
		➤ Install variable speed drives on air handler motors
		➤ Install demand control ventilation on gymnasium and auditorium
		➤ Upgrade various lights throughout building to improve energy efficiency
		➤ Modify chiller compressor to allow more efficient operation
		➤ Upgrade energy management system
Health, Safety and Security		➤ Minor upgrades to main entrance to improve safety and security
		➤ Expand card access system
		➤ Replace dated and failing digital video recording equipment
		➤ Replace building-wide public address system
Interior Finishes		➤ Install emergency exterior door egress lighting
Roof Replacement		➤ Replace various worn interior doors
		➤ Replace roofs installed in 1988 (Blue Gym, Wood Gym, auditorium, east and west end additions)
Site Work		➤ Resurface track
		➤ Replace/repair exterior stairs on west end and front sidewalk
\$4,057,000		Building budget for above scope of work

## Transportation Building

Category of Work	Budget	Scope Item Included
Building Envelope		➤ Improve storm water run-off from roof on north end of the building
Building Systems		➤ No work in this category in this building
Energy Savings		➤ Install more efficient system to warm bus engine blocks
		➤ Upgrade various lighting in the building to improve operational efficiency
		➤ Upgrade energy management system
		➤ Replace building boiler that is failing
		➤ Install variable speed drives on air handling unit motors and hot water pumps
		➤ Insulate translucent wall panel in east side of repair bays
		➤ Modify bus exhaust system to improve operational efficiency
Health, Safety and Security		➤ No work in this category in this building
Interior Finishes		➤ No work in this category in this building
Roof Replacement		➤ No work in this category in this building
Site Work		➤ No work in this category in this building
	\$210,000	Building budget for above scope of work

## Administration Building

Category of Work	Budget	Scope Item Included
Building Envelope		➤ No work in this category in this building
Building Systems		➤ No work in this category in this building
Energy Savings		➤ Implement night temperature set-backs for building
		➤ Replace propane boiler with natural gas boiler (includes running new natural gas service line)
		➤ Install tank-less hot water heater
		➤ Upgrade building cooling system
		➤ Install occupancy sensors and reconfigure lighting to improve energy efficiency
		➤ Provide energy management system to control building energy consumption
Health, Safety and Security		➤ No work in this category in this building
Interior Finishes		➤ No work in this category in this building
Roof Replacement		➤ No work in this category in this building
Site Work		➤ No work in this category in this building
	\$110,400	Building budget for above scope of work