

# Facilities Program Update for Neshaminy School District

8/26/14

**Reynolds**



**Neshaminy School District**

*We Build Futures!*

# Agenda

- Review Select Elementary School Costs for Heckman, Everitt, and Lower South
- Progress Report for Phase I Schools for Hoover and Sandburg/Schweitzer
  - Bid Contracts
  - Schedule
  - Budget
- Q&A



# Process

- Held additional facility walk throughs
- Reviewed existing building information and studies
- Interviewed distirct staff
- Received architect's input from Spiezle Arch. Group



# Oliver Heckman ES

## Architectural

Roof

Windows

Interior finishes

Security entrance

Exterior

Site

Minimum ADA

**HVAC** – majority replacement

**Plumbing** – substantial replacement

**Electrical** – complete replacement

Reynolds Conceptual Energy Project Estimate (08/26/2014)	Oliver Heckman ES
Building SF	54,200
Architectural Improvements	\$ 3,367,314
HVAC Improvements	\$ 1,609,740
Plumbing Improvements	\$ 289,022
Electrical Improvements	\$ 1,085,194
<b>TOTAL Project Cost</b>	<b>\$ 6,351,269</b>
<i>Add A/C</i>	<i>\$ 878,040</i>
<b>Net Project Cost</b>	<b>\$ 7,229,309</b>
Cost / SF	\$ 133.38

**Reynolds**

# Lower Southampton ES

## Architectural

Roof

Windows

Interior finishes

Security entrance

Structural repairs

Minimum ADA

**HVAC** – complete replacement

**Plumbing** – substantial replacement

**Electrical** – complete replacement

Reynolds Conceptual Energy Project Estimate (08/26/2014)	Lower Southampton ES
Building SF	55,596
Architectural Improvements	\$ 3,737,507
HVAC Improvements	\$ 2,139,056
Plumbing Improvements	\$ 296,466
Electrical Improvements	\$ 1,033,182
<b>TOTAL Project Cost</b>	<b>\$ 7,206,211</b>
<i>Add A/C</i>	<i>\$ 900,655</i>
<b>Net Project Cost</b>	<b>\$ 8,106,866</b>
Cost / SF	\$ 145.82

# Samuel Everitt ES

## Architectural

Roof (partial)

Windows

Interior finishes

Security entrance

**HVAC** – majority replacement

**Plumbing** – substantial replacement

**Electrical** – partial replacement

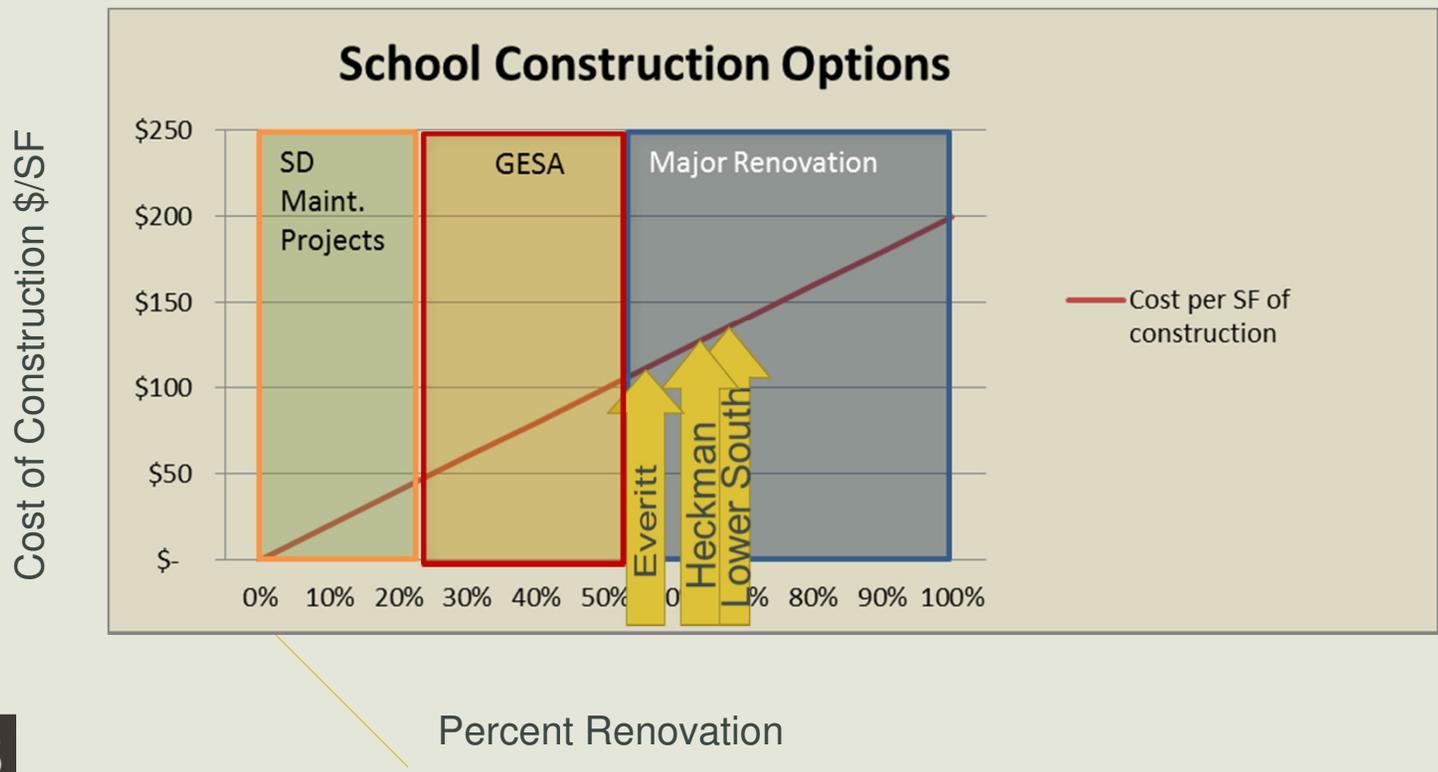
Reynolds Conceptual Energy Project Estimate (08/26/2014)	Samuel Everitt ES
Building SF	43,146
Architectural Improvements	\$ 1,977,966
HVAC Improvements	\$ 1,433,577
Plumbing Improvements	\$ 230,076
Electrical Improvements	\$ 567,909
<b>TOTAL Project Cost</b>	<b>\$ 4,209,528</b>
<i>Add A/C</i>	<i>\$ 698,965</i>
<b>Net Project Cost</b>	<b>\$ 4,908,493</b>
Cost / SF	\$ 113.76



# Price Comparison

Reynolds Conceptual Energy Project Estimate (08/26/2014)	Samuel Everitt ES	Oliver Heckman ES	Lower Southampton ES
Building SF	43,146	54,200	55,596
Architectural Improvements	\$ 1,977,966	\$ 3,367,314	\$ 3,737,507
HVAC Improvements	\$ 1,433,577	\$ 1,609,740	\$ 2,139,056
Plumbing Improvements	\$ 230,076	\$ 289,022	\$ 296,466
Electrical Improvements	\$ 567,909	\$ 1,085,194	\$ 1,033,182
<b>TOTAL Project Cost</b>	<b>\$ 4,209,528</b>	<b>\$ 6,351,269</b>	<b>\$ 7,206,211</b>
<i>Add A/C</i>	<i>\$ 698,965</i>	<i>\$ 878,040</i>	<i>\$ 900,655</i>
<b>Net Project Cost</b>	<b>\$ 4,908,493</b>	<b>\$ 7,229,309</b>	<b>\$ 8,106,866</b>
Cost / SF	\$ 113.76	\$ 133.38	\$ 145.82
<b>CE updated Report 2014</b>	<b>\$ 7,481,499</b>	<b>\$ 14,369,118</b>	<b>\$ 8,521,322</b>

# Heckman and Lower South



# Project Update

- Walk-throughs completed
- Bid packages for subcontracts identified
- Design has begun for
  - Architectural (windows) – schematic
  - HVAC – schematic
  - Electric – schematic
- The progress remains on schedule

# Hoover Contracts

**Contract No. HES-1 – HVAC and Plumbing System Improvements – Hoover Elementary School**

**Contract No. HES-2 – Electrical System Improvements – Hoover Elementary School**

**Contract No. HES-3 – Selective Envelope and Interior Demolition – Hoover Elementary School**

**Contract No. HES-4 – Drywall, Dryvit and Ceiling Installation – Hoover Elementary School**

**Contract No. HES-5 – Glazing and Door Installation – Hoover Elementary School**

**Contract No. HES-6 – Painting – Hoover Elementary School**

**Contract No. HES-7 – Roofing Construction – Hoover Elementary School**

**Contract No. HES-8 – Casework – Hoover Elementary School**

**Contract No. HES-9 – General Construction – Hoover Elementary School**

# Sandburg/Schweitzer Contracts

**Contract No. SAS-1 – HVAC and Plumbing System Improvements – Schweitzer Elementary School and Sandburg Middle School**

**Contract No. SAS-2 – Pool Equipment – Schweitzer Elementary School and Sandburg Middle School**

**Contract No. SAS-3 – Electrical System Improvements – Schweitzer Elementary School and Sandburg Middle School**

**Contract No. SAS-4 – Selective Envelope and Interior Demolition – Schweitzer Elementary School and Sandburg Middle School**

**Contract No. SAS-5 – Drywall, Dryvit and Ceiling Installation – Schweitzer Elementary School and Sandburg Middle School**

**Contract No. SAS-6 – Glazing and Door Installation – Schweitzer Elementary School and Sandburg Middle School**

**Contract No. SAS-7 – Painting – Schweitzer Elementary School and Sandburg Middle School**

**Contract No. SAS-8 – Roofing Construction – Schweitzer Elementary School and Sandburg Middle School**

**Contract No. SAS-9 – Casework – Schweitzer Elementary School and Sandburg Middle School**

**Contract No. SAS-10 – General Construction – Schweitzer Elementary School and Sandburg Middle School**

# Schedule Highlights

## Preconstruction Milestones

Out to Bid	10/6/14
Bids Received	11/4/14
District Review	11/5/14 thru 11/17/14
Board Vote	11/18/14

Neshaminy SD Energy Project				2015												2016					2017												
Description	Days Plan	Start	Finish	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O					
<b>Neshaminy SD Energy Project</b>	<b>717</b>	<b>Oct-06-14</b>	<b>Aug-04-17</b>	Neshaminy SD Energy Project																													
<b>0.1 Contractor Pricing</b>	<b>19</b>	<b>Oct-06-14</b>	<b>Oct-30-14</b>	Contractor Pricing																													
<b>GESA Contract Completion</b>	<b>48</b>	<b>Oct-06-14</b>	<b>Dec-15-14</b>	GESA Contract Completion																													
1.1 Finalize Scope of Work	22	Oct-06-14	Nov-04-14	Finalize Scope of Work																													
1.2 District Review and Comment	9	Nov-05-14	Nov-17-14	District Review and Comment																													
1.3 Board Vote	1	Nov-18-14	Nov-18-14	Board Vote																													
1.4 Finalize GESA Contract	3	Nov-19-14	Nov-21-14	Finalize GESA Contract																													
1.5 Contract Execution	13	Nov-24-14	Dec-15-14	Contract Execution																													
<b>Construction / Installation Phase</b>	<b>380</b>	<b>Dec-15-14</b>	<b>Jun-23-16</b>	Construction / Installation Phase																													
2.1 Award Subcontract	4	Dec-16-14	Dec-19-14	Award Subcontract																													
2.2 Equipment Submittal / Approval	44	Dec-22-14	Feb-23-15	Equipment Submittal / Approval																													
2.3 Equipment Lead Time	59	Feb-24-15	May-15-15	Equipment Lead Time																													
2.4 Complete DDC Controls	92	Apr-22-15	Aug-31-15	Complete DDC Controls																													
2.5 Envelope Improvements	74	May-18-15	Aug-31-15	Envelope Improvements																													
2.6 MEP System Improvements	74	May-18-15	Aug-31-15	MEP System Improvements																													
2.7 Lighting Equipment Installation	34	Jul-15-15	Aug-31-15	Lighting Equipment Installation																													
2.8 Substantial Completion	0		Aug-31-15	Substantial Completion																													
2.9 O&M, As BUILT and Close Out	8	Sep-01-15	Sep-11-15	O&M, As BUILT and Close Out																													
2.10 Commissioning	202	Sep-01-15	Jun-17-16	Commissioning																													
2.11 Training	3	Jun-20-16	Jun-22-16	Training																													
<b>Measurement and Verification Phase</b>	<b>263</b>	<b>Jun-23-16</b>	<b>Aug-04-17</b>	Measurement and Verification Phase																													
3.1 Performance Analysis	29	Jun-23-16	Aug-03-16	Performance Analysis																													
3.2 Report Preparation	11	Aug-04-16	Aug-18-16	Report Preparation																													
3.3 Guaranteed Performance Period	254	Aug-04-16	Aug-04-17	Guaranteed Performance Period																													

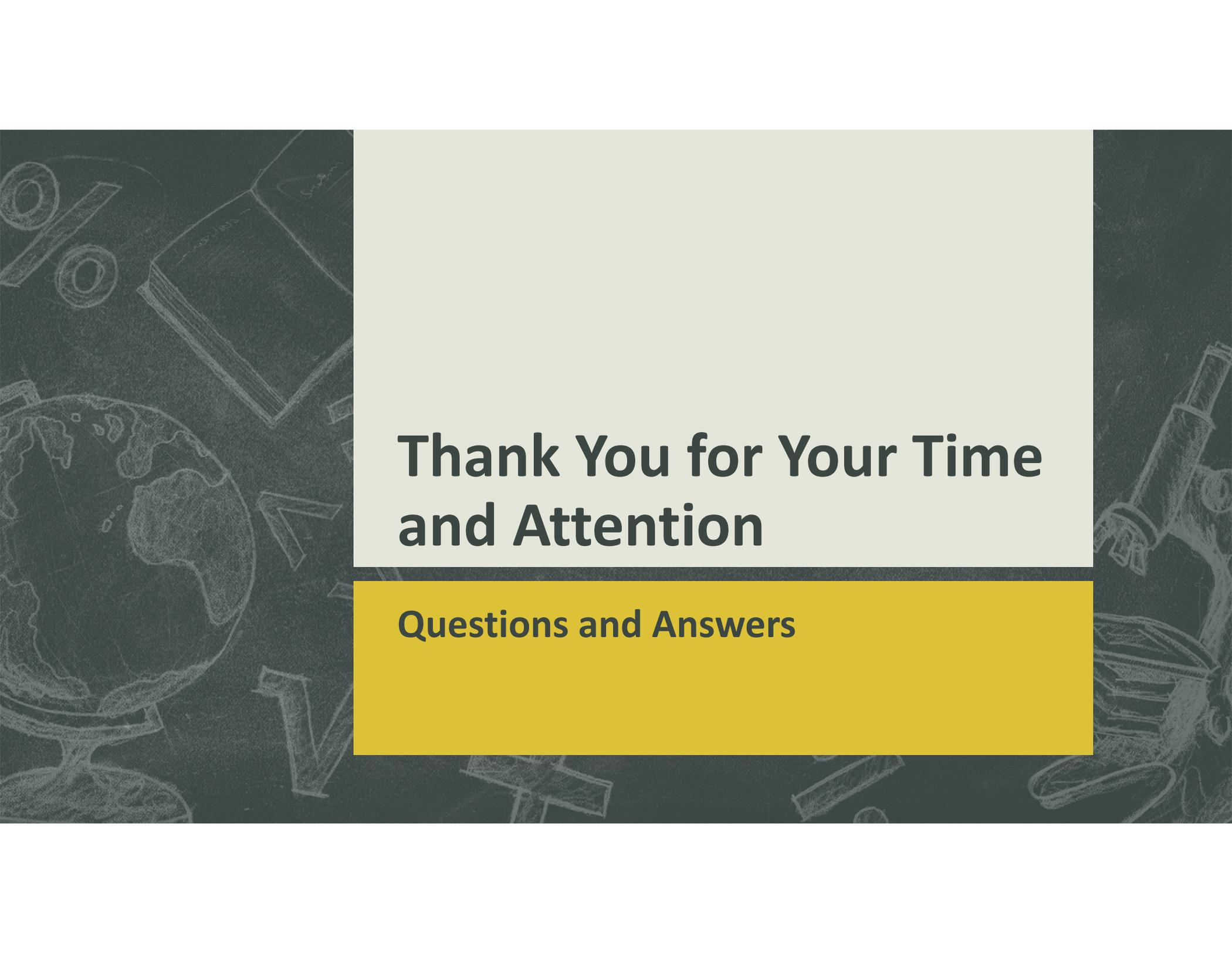
Neshaminy SD Energy Project  
Guaranteed Energy Savings Project Schedule

Project File 14 9079  
Data Date Oct-06-14  
Run Date Aug-19-14



## Budget/Cost Highlights

- There have been no surprises to date
- Estimated costs appear to be in line with or better than suggested budgets



**Thank You for Your Time  
and Attention**

**Questions and Answers**