

Southern Lehigh School District



Lower Milford Elementary School

Elementary School Program Analysis



Liberty Bell Elementary School

September 23, 2013

School Board Meeting

Enrollments / Building Capacity

- Current K-3 10-day enrollment: 834 students
- 4% increase over the next 10 years = 867 students
- (2) schools designed for a 500 student capacity = 1,000 students
- 1,000 x 90% utilization = 900 student capacity

Site Equity

- Separation of bus and vehicle circulation
- Adequate parking
 - 65 staff + visitor parking = approx. 93 spaces
 - Handicapped parking
- Storm water management

Building Program Equity

- Kindergarten: 5 ½ day sessions
 - (2) classrooms for am and pm session
 - (1) classroom for am or pm session
- Grades 1-3: 5 classrooms per grade level
- Full size classrooms:
 - Art
 - Music
 - Computer Lab
 - Tech Smart
 - Reading Support / IST / Rtll

Building Program Equity

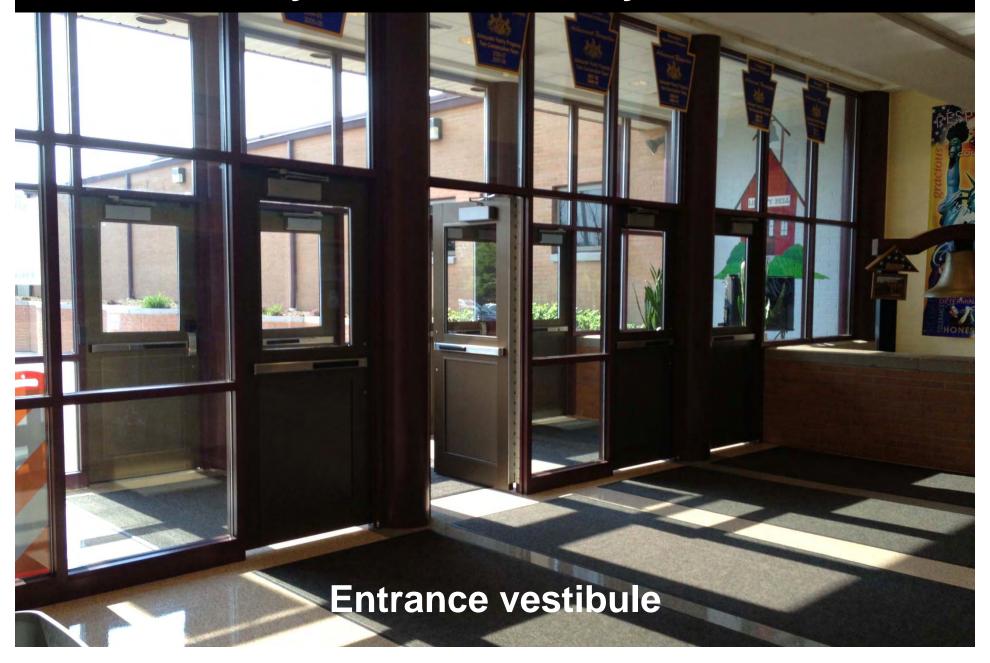
- Support Spaces
 - Learning Support (1/2 size classroom)
 - Math Support (small room)
 - Speech (large office)
 - OT/PT (smaller classroom or large office)
 - ESL (large office)
 - Gifted (1/3 size of classroom)
- Administration / Guidance
 - Secure entrance vestibule

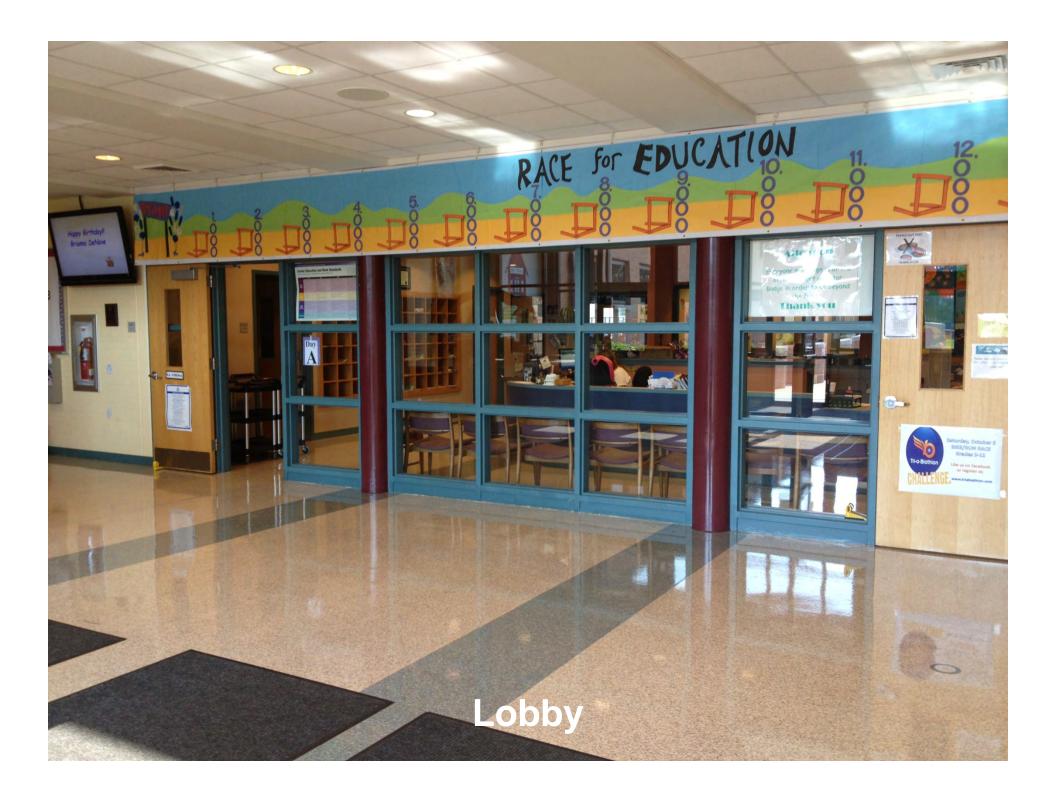
Building Program Equity

- Library
- Multi-purpose Room and Stage
- Cafeteria
 - 3 servings per day for grades 1-3
 - 375 students / 3 = 125 x 15 s.f. / student = 1875 s.f. of space required
- Kitchen
 - Full service kitchen
 - 2 serving lines



Liberty Bell Elementary School















Liberty Bell ES Cost Estimate

Site Construction

Sitework

Optional Sitework \$ 99,000

Building Construction

Interior renovations

Art room addition

Increase chiller capacity

Design contingency & inflation \$ 171,255

Total Construction Cost

Soft Costs

\$ 1,312,955 \$ 341,368

83,200

959,500

Total Project Costs

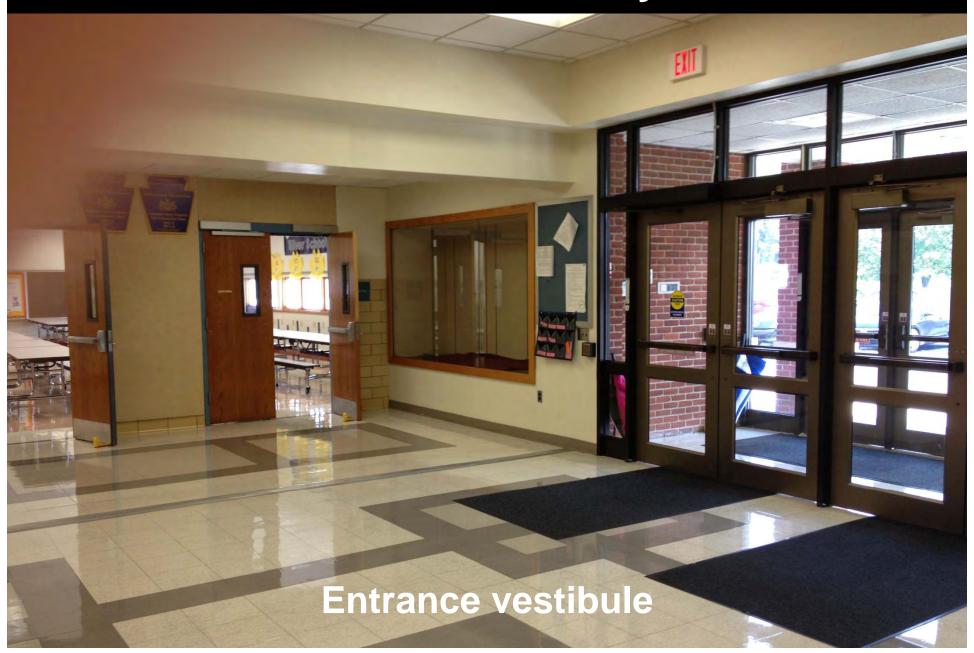
\$1,654,323

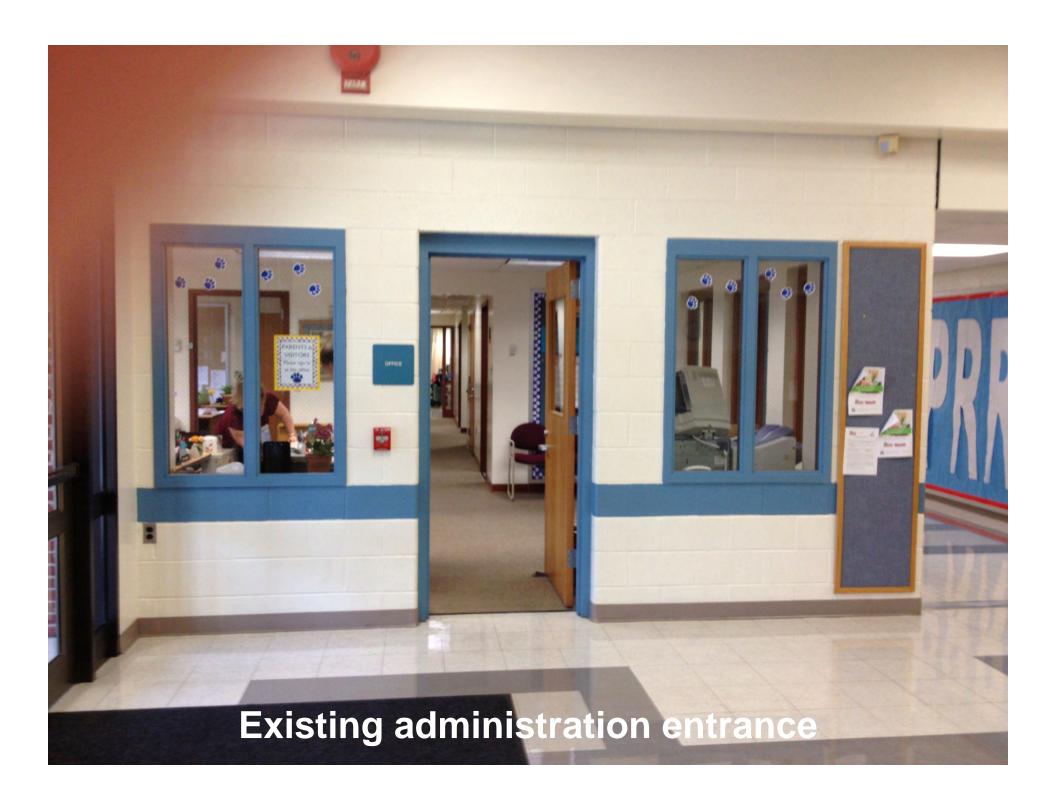
S.



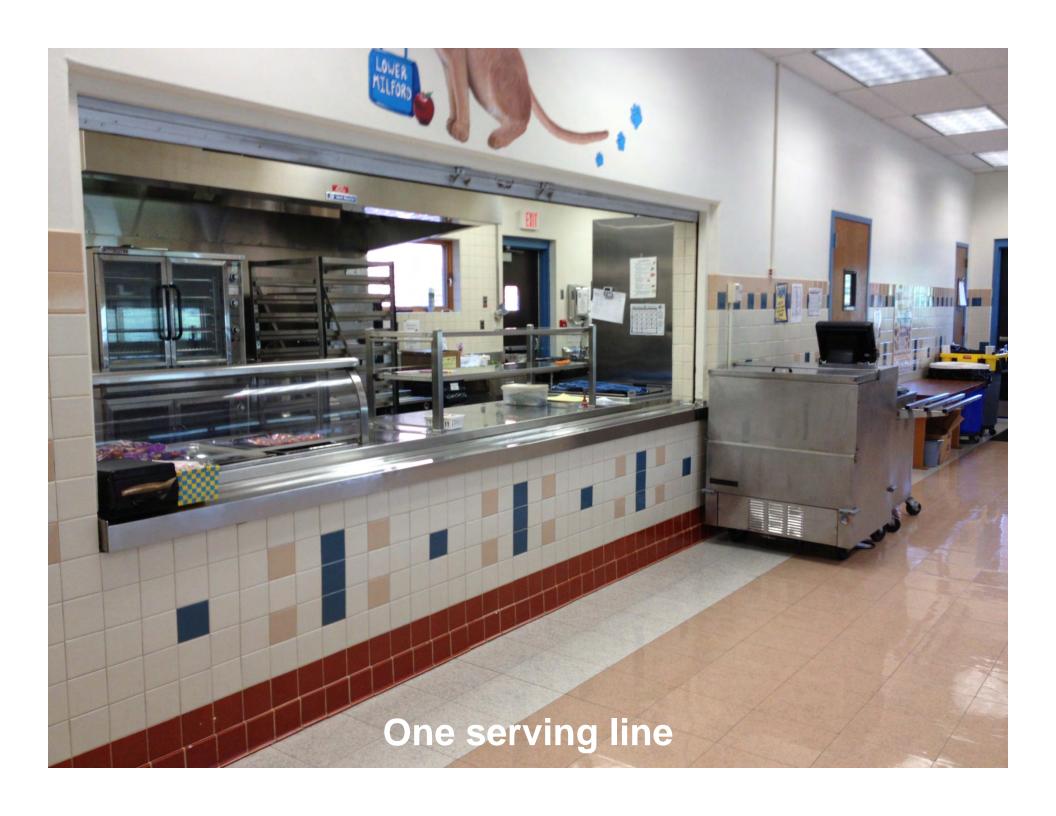


Lower Milford Elementary School



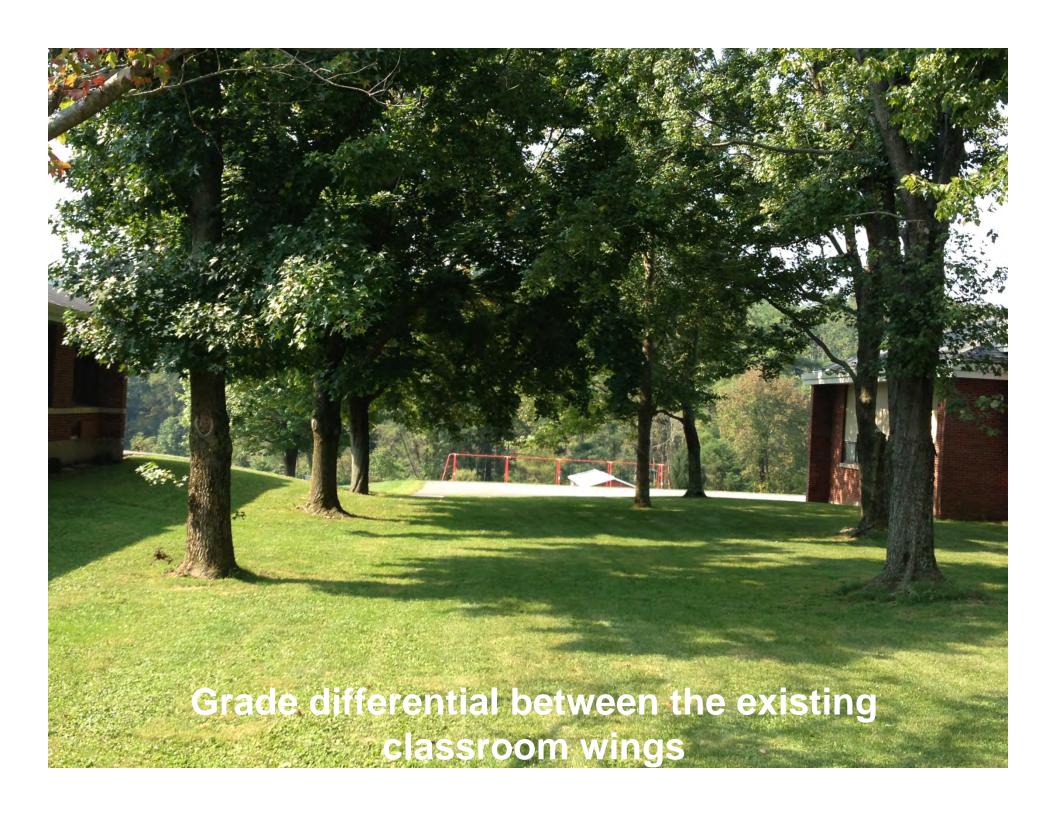
















Lower Milford Cost Estimate

Site Construction

Sitework

\$ 82,300

Building Construction

Interior renovations

Classroom additions

Life-cycle upgrades

\$ 7,002,080

Design Contingency & Inflation \$1,065,657

Total Construction Costs
Soft Costs

\$ 8,170,037

\$ 2,124,210

Total Project Costs

\$10,294,247

S

Cost Estimate Summary

Liberty Bell ES

- 2,958 s.f. addition

\$ 1,654,323

Lower Milford ES

- 14,258 s.f. addition

\$10,294,247

