

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 <u>and</u> pm session
 - (1) classroom for am <u>or</u> 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

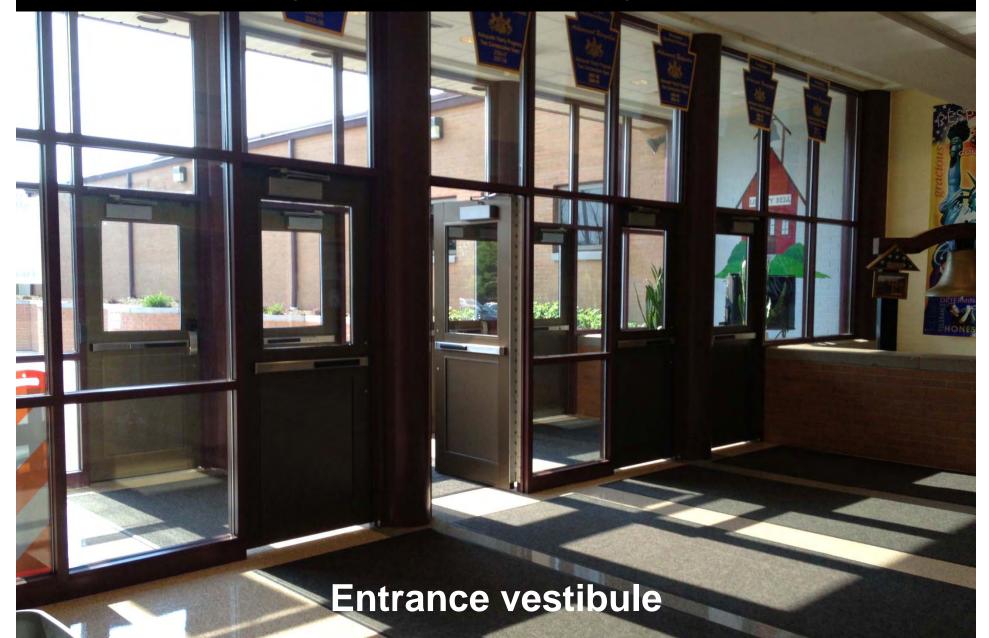
Kitchen

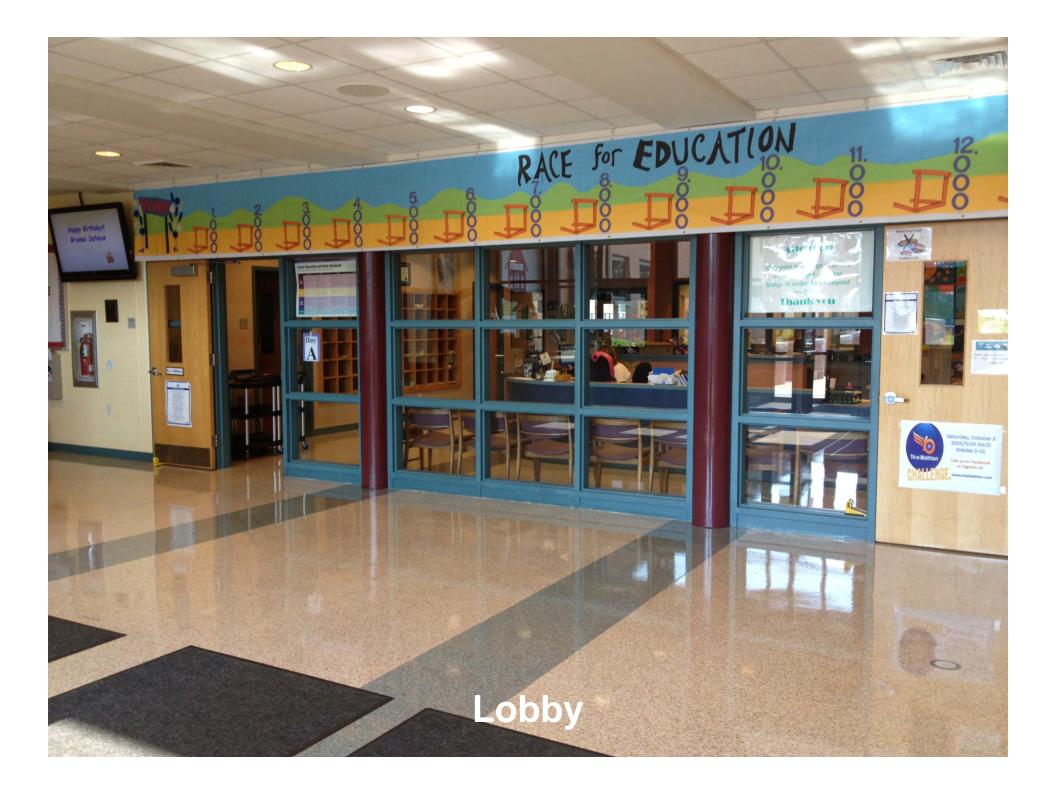
- Full service kitchen
- 2 serving lines





Liberty Bell Elementary School





ADA accessible ramp to classroom wing

201

10651

LIBERTY BELL



Former temporary modular classroom location

Existing music room exterior

0



Liberty Bell ES Cost Estimate

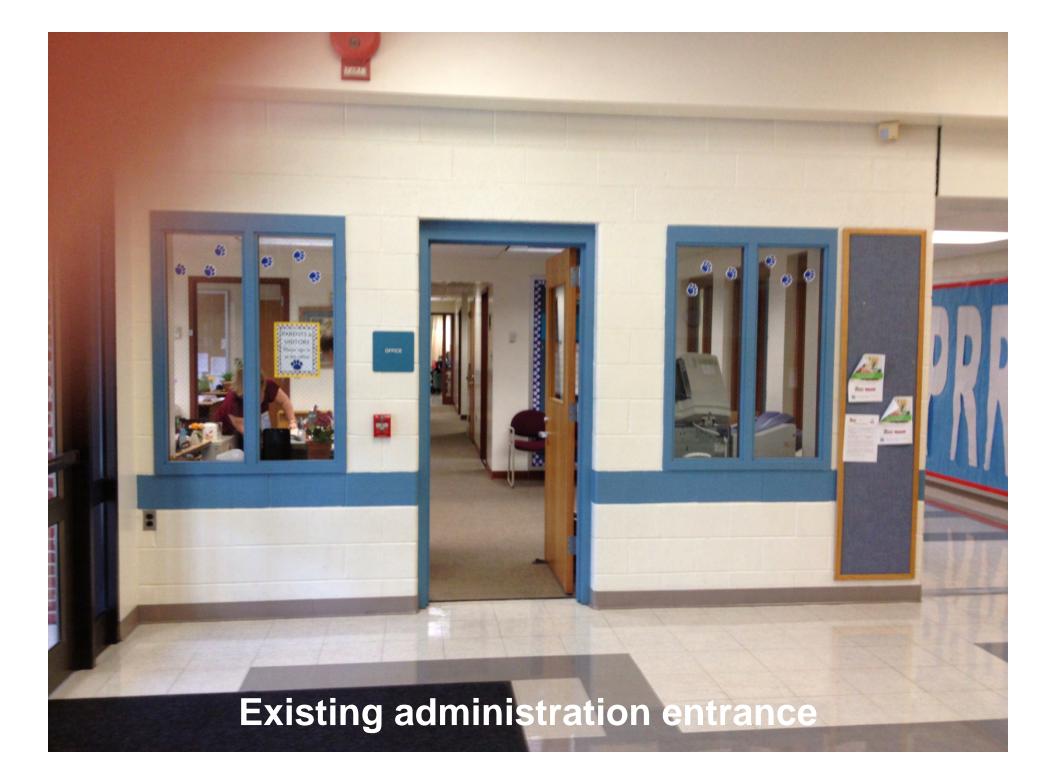
Site Construction Sitework	\$	83,200	
Optional Sitework	\$	99,000	
Building Construction Interior renovations Art room addition Increase chiller capacity	\$	959,500	
Design contingency & inflation	<u>\$</u>	<u>171,255</u>	
Total Construction Cost	\$ 1	,312,955	
Soft Costs	<u>\$</u>	<u>341,368</u>	0
Total Project Costs	\$1	,654,323	5



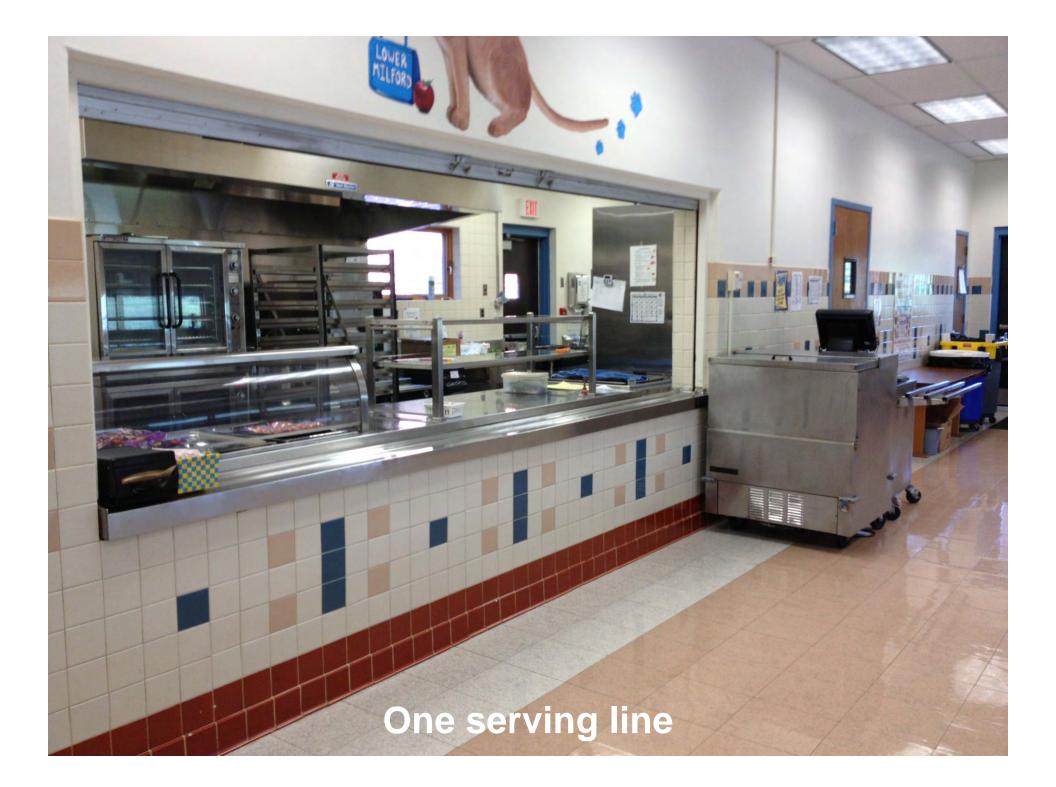


Lower Milford Elementary School









1,836 s.f. existing < 1,875 s.f. recommended

EXIT

Existing Cafeteria

-

S

Existing grades in back of gymnasium

Grade differential between the existing classroom wings





Lower Milford Cost Estimate Site Construction Sitework 82,300 \$ **Building Construction** \$7,002,080 Interior renovations **Classroom additions** Life-cycle upgrades **Design Contingency & Inflation \$1,065,657 Total Construction Costs** \$ 8,170,037 \$ 2,124,210 Soft Costs \$10,294,247 **Total Project Costs**

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

