



**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 / RtII



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



Floor Plan Removed

Liberty Bell Elementary School



Entrance vestibule



Lobby



ADA accessible ramp to classroom wing

Floor Plan Removed



Former temporary modular classroom location



Existing music room exterior

Floor Plan Removed

Liberty Bell ES Cost Estimate

Site Construction

Sitework \$ 83,200

Optional Sitework \$ 99,000

Building Construction \$ 959,500

Interior renovations

Art room addition

Increase chiller capacity

Design contingency & inflation \$ 171,255

Total Construction Cost \$ 1,312,955

Soft Costs \$ 341,368

Total Project Costs \$1,654,323



Floor Plan Removed

Floor Plan Removed

Lower Milford Elementary School



Entrance vestibule



Existing administration entrance



Existing Kitchen



One serving line



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

Existing Cafeteria



Existing grades in back of gymnasium



**Grade differential between the existing
classroom wings**



Floor Plan Removed

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

Soft Costs \$ 2,124,210

Total Project Costs \$10,294,247



Cost Estimate Summary

Liberty Bell ES **\$ 1,654,323**

- 2,958 s.f. addition

Lower Milford ES **\$10,294,247**

- 14,258 s.f. addition

