



**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

