New High School
New High School

- Two Levels of Classrooms
- Auxiliary Gym
- Gym Support
- Main Gym
- Double Height Dining Area
- Auditorium Support
- Double Height Media Center
- Two Levels of Classrooms
- Double Height Main Street with Clerestory
- Main Entry
- Administration
- Auditorium
New High School

- 1250 student high school with a core capacity of 1500
- Approximate square footage = 240,000sf

<table>
<thead>
<tr>
<th>1</th>
<th>High Schools - 1250 Students</th>
<th>1500 Core Capacity Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Names</td>
<td>Comments</td>
</tr>
<tr>
<td>1</td>
<td>New High School</td>
<td>$67,012,616</td>
</tr>
<tr>
<td></td>
<td>Total Cost</td>
<td>$67,012,616</td>
</tr>
</tbody>
</table>

Total cost includes:
- Land acquisition
- Utilities to the site
- School building construction
- Athletic fields and associated buildings (concession, ticketing, restrooms)
- Parking and drives
- Stormwater measures (i.e. retention ponds)
- Project cost:
  - Professional fees
  - Survey
  - Soil borings
  - Construction testing and special inspections
  - Furniture, Furnishings, & Equipment Allowance
  - Technology Allowance
<table>
<thead>
<tr>
<th>Facility Study – Existing Schools</th>
</tr>
</thead>
<tbody>
<tr>
<td>Williams HS</td>
</tr>
<tr>
<td>Southern HS</td>
</tr>
<tr>
<td>Western HS</td>
</tr>
<tr>
<td>Eastern HS</td>
</tr>
<tr>
<td>South Mebane ES</td>
</tr>
<tr>
<td>Pleasant Grove ES</td>
</tr>
<tr>
<td>Cummings HS</td>
</tr>
<tr>
<td>Graham HS</td>
</tr>
</tbody>
</table>
Facility Study - Eastern High School

1,250 Student capacity
• Cost estimate: $11,657,249

Recommendations
• Additional 7,618 square footage to provide
  • 4 classrooms
  • 1 resource room
  • 2 EC classrooms
• Enlarge cafeteria dining
• Renovate existing buildings to remain

Alamance-Burlington School System
Facility Study - Eastern High School

**Renovation examples:**
- Exterior window replacement
- Replacement of concrete canopy columns to prevent failure OR Replace canopy system in its entirety
- Replace cabinetry and provide ADA/wheelchair accessible sinks
- Replace non-ADA door hardware
- Removing lockers and possibly replacing with benches
- Replace auditorium seating
- Renovate restrooms including new plumbing fixtures, tile, partitions, and paint
- Stabilize eroding slopes
- Replace switchboard feeds and branch panels due to age
- Provide humidity control in any new HVAC system install or upgrades
- Roof replacement or repair based on age & inspection

**Cost estimate:** $11,657,249
Cost Summary - 1,250 Students
- Cost estimate: $12,400,611

Recommendations
- Additional 9,095 square footage to provide
  - 4 classrooms
  - 2 science labs
  - 1 CTE lab
  - 2 resource room
  - 2 EC classrooms
- Enlarge cafeteria dining
- Renovate existing buildings to remain
Facility Study - Western High School

Renovation examples:

- Flooring replacement, including removal/abatement of remaining asbestos tiles
- Replaced damaged lockers in locker rooms
- Exterior window replacement and recaulking
- Renovate restrooms including new plumbing fixtures, tile, partitions, and paint
- Removing all lockers and possibly replacing with benches
- Replace auditorium seating
- Replacing ceilings and providing humidity controls through HVAC system
- Replacing walkway canopy system
- Replace damaged and non-accessible cabinetry
- Replace rusted out steel door frames
- Rework exterior sidewalks to provide better accessibility from buildings and to fields and parking
- Establish a more prominent main entrance
- Roof replacement or repair based on age & inspection

Cost estimate: $12,400,611
Facility Study - Southern High School

**Cost Summary - 1,500 Students**
- Cost estimate: $20,661,931

**Recommendations**
- Two classroom buildings demoed – 16 classrooms
- Additional 27,525 square footage to provide
  - Replacement of 16 demoed classrooms
  - 6 classrooms
  - 5 science labs
  - 3 resource room
- Enlarge cafeteria dining
- Renovate existing buildings to remain
Facility Study – Southern High School

Renovation examples:

- Replace damaged floor tiles, especially quarry tile at cafeteria entrance
- Patch terrazzo flooring where it has cracked
- Replacing ceilings and providing humidity controls through HVAC system
- Replacing walkway canopy system and any damaged doorway canopies
- Replace damaged and non-accessible cabinetry
- Exterior window replacement and replace missing sealant
- Removing lockers and possibly replacing with benches
- Renovate restrooms including new plumbing fixtures, tile, partitions, and paint
- Install handrails on ramps where they are missing
- Establish a more prominent main entrance
- Replace aging mechanical systems
- Roof replacement or repair based on age & inspection

Cost estimate: $20,661,931
Facility Study - Graham High School

Cost Summary

• Cost estimate: $7,619,063

Recommendations

• Renovate existing buildings to remain
• Increase % for project costs for purchase of specialty equipment for CTE curriculum.
Facility Study – Graham High School

Renovation examples: Cost estimate: $7,619,063
- Flooring replacement, including removal/abatement of remaining asbestos tiles
- Replace chorus room platform
- Remediate the cracking in concrete masonry block walls
- Replacing walkway canopy system
- Replace cabinetry and provide ADA/wheelchair accessible sinks
- Replace non-ADA door hardware
- Replacing ceilings and providing humidity controls through HVAC system
- Exterior window replacement and replace missing sealant
- Provide tempered water at eye wash stations within shop spaces
- Repair damaged sidewalks and curbs
- Renovate restrooms including new plumbing fixtures, tile, partitions, and paint
- Roof replacement or repair based on age & inspection.
Facility Study - Cummings High School

Cost Summary
• Cost estimate: $10,867,063

Recommendations
• Auditorium lobby addition
• Renovate existing buildings to remain
• Increase % for project costs for purchase of specialty equipment for Arts curriculum.
Facility Study – Cummings High School

Renovation examples:  
• Replace carpet and seating in auditorium  
• Update acoustics, lighting, rigging and A/V systems in the auditorium  
• Replace cabinetry and provide ADA/wheelchair accessible sinks  
• Replace non-ADA door hardware  
• Renovate restrooms including new plumbing fixtures, tile, partitions, and paint  
• Re-key the building so there is a true master keying system and staff will need to carry fewer keys  
• Replace all sheet carpeting and vinyl composite tile  
• Replacing ceilings and providing humidity controls through HVAC system  
• Exterior window replacement and replace missing sealant  
• Fix poor drainage around parking lots and building  
• Replace failing window system at stair towers  
• Roof replacement or repair based on age & inspection

Cost estimate: $10,867,063
Facility Study - Williams High School

Cost Summary
• Cost estimate: $4,646,400

Recommendations
• Remove & replace the auditorium seating.
• Renovate portions of existing building to remain.
Facility Study – Williams High School

**Renovation examples:**
- Replace auditorium seating and carpet in auditorium
- Re-keying all doors to minimize the number of keys for staff
- Exterior window replacement where needed
- Replace media center carpet
- Fixing the structural issues at the exterior auditorium stair
- Renovate restrooms including new plumbing fixtures, tile, partitions, and paint
- Roof replacement or repair based on age & inspection

**Cost estimate:** $4,646,400
Facility Study – Elementary Schools
Facility Study – South Mebane Elementary

- Cost estimate: $8,482,880

**Recommendations**
- Updated front entrance
- Additional 16 classrooms
- New Kitchen and renovate existing kitchen into new dining expansion.
- Renovate existing buildings to remain
Facility Study – South Mebane Elementary

Renovation examples:

• Replacement of vinyl composite tile flooring
• Replace the carpet flooring
• RemEDIATE water infiltration where different age buildings intersect
• Replace gymnasium flooring
• Provide humidity control in any new HVAC system install or upgrades
• Replace windows in cafeteria, kitchen & media center
• Replace cabinetry and provide ADA/wheelchair accessible sinks
• Provide ADA/wheelchair accessible main entrance
• Replacement of aging mechanical equipment
• Fix erosion issues on site
• Repair damaged and cracked sidewalks
• Roof replacement or repair based on age & inspection

Cost estimate: $8,482,880
Facility Study – Pleasant Grove Elementary

- Cost estimate: $6,474,192

**Recommendations**
- Renovate existing buildings to remain
Facility Study – Pleasant Grove Elementary

Renovation examples:

- Replace flooring except terrazzo
- Flooring replacement, including removal/abatement of remaining asbestos tiles
- Provide humidity control in any new HVAC system install or upgrades
- Replace exterior windows
- Replace cabinetry and provide ADA/wheelchair accessible sinks
- Repair entrance canopy
- Replace non-ADA door hardware
- Replacement of aging mechanical equipment
- Fix erosion issues on site
- Repair damaged and cracked sidewalks
- Replace aging electrical panels
- Roof replacement or repair based on age & inspection

Cost estimate: $6,474,192
# Facility Study – Summary

1. **High Schools - 1250 Students | 1500 Core Capacity Summary**
<table>
<thead>
<tr>
<th>Names</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>New High School</td>
<td>$67,012,616</td>
</tr>
<tr>
<td>Total Cost</td>
<td>$67,012,616</td>
</tr>
</tbody>
</table>

2. **High Schools - 1250 Students | 1500 Core Capacity**
<table>
<thead>
<tr>
<th>Names</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eastern Alamance</td>
<td>$11,657,249</td>
</tr>
<tr>
<td>Western Alamance</td>
<td>$12,400,611</td>
</tr>
<tr>
<td>Total Cost</td>
<td>$24,057,859</td>
</tr>
</tbody>
</table>

3. **High Schools - 1500 Students | 1500 Core Capacity**
<table>
<thead>
<tr>
<th>Names</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Southern Alamance</td>
<td>$20,661,931</td>
</tr>
<tr>
<td>Total Cost</td>
<td>$20,661,931</td>
</tr>
</tbody>
</table>

4. **High Schools - Current Capacity with Renovations**
<table>
<thead>
<tr>
<th>Names</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graham</td>
<td>$7,619,063</td>
</tr>
<tr>
<td>Hugh M. Cummings</td>
<td>$10,867,063</td>
</tr>
<tr>
<td>Walter M. Williams</td>
<td>$4,646,400</td>
</tr>
<tr>
<td>Total Cost</td>
<td>$23,132,525</td>
</tr>
</tbody>
</table>

5. **Elementary Schools**
<table>
<thead>
<tr>
<th>Names</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>South Mebane</td>
<td>$8,482,880</td>
</tr>
<tr>
<td>Pleasant Grove</td>
<td>$6,474,192</td>
</tr>
<tr>
<td>Total Cost</td>
<td>$14,957,072</td>
</tr>
</tbody>
</table>

6. **Total Combined Cost**
<table>
<thead>
<tr>
<th>Names</th>
<th>Low Cost</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Line Items (1+2+3+4+5)</td>
<td>$149,822,004</td>
<td>5,250 = Total # of HS Students w/ New Not including Students in Line Item #4</td>
</tr>
<tr>
<td>Line Items (4+5+6)</td>
<td>$123,008,100</td>
<td>5,100 = Total # of HS Students Not including Students in Line Item #4</td>
</tr>
</tbody>
</table>

6. **High Schools - 1700 Students | 1700 Core Capacity**
<table>
<thead>
<tr>
<th>Names</th>
<th>Option 1</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eastern Alamance</td>
<td>$25,276,478</td>
<td></td>
</tr>
<tr>
<td>Western Alamance</td>
<td>$25,742,844</td>
<td></td>
</tr>
<tr>
<td>Southern Alamance</td>
<td>$33,099,181</td>
<td></td>
</tr>
<tr>
<td>Total Cost</td>
<td>$84,118,502</td>
<td></td>
</tr>
</tbody>
</table>
## Facility Study – Summary

<table>
<thead>
<tr>
<th>Names</th>
<th>Low Cost</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Line Items (1+2+3+4+5)</td>
<td><strong>$149,822,004</strong></td>
<td>5,250 = Total # of HS Students w/ New Not including Students in Line item #4</td>
</tr>
<tr>
<td>Line Items (4+5+6)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>NOT Including New HS</strong></td>
<td><strong>$123,008,100</strong></td>
<td>5,100 = Total # of HS Students Not including Students in Line item #4</td>
</tr>
</tbody>
</table>