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<table>
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<th>DESCRIPTION</th>
<th>TOTAL ALL ELEMENTARY SCHOOLS</th>
<th>TOTAL ALL MIDDLE SCHOOLS</th>
<th>TOTAL ALL MIDDLE/HIGH SCHOOLS</th>
<th>TOTAL ALL HIGH SCHOOLS</th>
<th>GRAND TOTAL * ALL SCHOOLS TYPES</th>
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</table>

**Notes:**
- Bid Alternates
- Total Project Budget
- Project Scope Adjustments
- Basis for Total Facilities Grant

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*Total Cost data does not include all Repair Projects, Green Repair Program Projects, Science Lab Projects, Wall List Projects, and the Beverly High School and Norwood High School Projects for which cost data was not available in the required format.*
## Estimated Construction & Total Project Budget Cost Data at Schematic Design

**Elementary Schools**

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### District: Andover

- **School Name**: Billerica ES
- **Cost Estimator**: DAVIDSON PROJECTS, INC.
- **Teaching Space**: 369
- **Total Project Budget**: $26,293,940
- **Reimbursement Rate**: 55.69%

### District: Arlington

- **School Name**: Arlington HS
- **Cost Estimator**: ARMS RHODES & ASSOCIATES, INC.
- **Teaching Space**: 369
- **Total Project Budget**: $33,684,940
- **Reimbursement Rate**: 55.69%

### District: Billerica

- **School Name**: Billerica ES
- **Cost Estimator**: DAVIDSON PROJECTS, INC.
- **Teaching Space**: 369
- **Total Project Budget**: $639,250
- **Reimbursement Rate**: 55.69%

### District: Burlington

- **School Name**: Billerica ES
- **Cost Estimator**: DAVIDSON PROJECTS, INC.
- **Teaching Space**: 369
- **Total Project Budget**: $263,561
- **Reimbursement Rate**: 55.69%

### District: Billerica

- **School Name**: Billerica ES
- **Cost Estimator**: DAVIDSON PROJECTS, INC.
- **Teaching Space**: 369
- **Total Project Budget**: $900,000
- **Reimbursement Rate**: 55.69%

### District: Billerica

- **School Name**: Billerica ES
- **Cost Estimator**: DAVIDSON PROJECTS, INC.
- **Teaching Space**: 369
- **Total Project Budget**: $630,559
- **Reimbursement Rate**: 55.69%

### District: Billerica

- **School Name**: Billerica ES
- **Cost Estimator**: DAVIDSON PROJECTS, INC.
- **Teaching Space**: 369
- **Total Project Budget**: $225,095
- **Reimbursement Rate**: 55.69%

### District: Billerica

- **School Name**: Billerica ES
- **Cost Estimator**: DAVIDSON PROJECTS, INC.
- **Teaching Space**: 369
- **Total Project Budget**: $717,156
- **Reimbursement Rate**: 55.69%

### District: Billerica

- **School Name**: Billerica ES
- **Cost Estimator**: DAVIDSON PROJECTS, INC.
- **Teaching Space**: 369
- **Total Project Budget**: $387,283
- **Reimbursement Rate**: 55.69%

### District: Billerica

- **School Name**: Billerica ES
- **Cost Estimator**: DAVIDSON PROJECTS, INC.
- **Teaching Space**: 369
- **Total Project Budget**: $387,283
- **Reimbursement Rate**: 55.69%

### District: Billerica

- **School Name**: Billerica ES
- **Cost Estimator**: DAVIDSON PROJECTS, INC.
- **Teaching Space**: 369
- **Total Project Budget**: $387,283
- **Reimbursement Rate**: 55.69%

### District: Billerica

- **School Name**: Billerica ES
- **Cost Estimator**: DAVIDSON PROJECTS, INC.
- **Teaching Space**: 369
- **Total Project Budget**: $387,283
- **Reimbursement Rate**: 55.69%

### District: Billerica

- **School Name**: Billerica ES
- **Cost Estimator**: DAVIDSON PROJECTS, INC.
- **Teaching Space**: 369
- **Total Project Budget**: $387,283
- **Reimbursement Rate**: 55.69%

### District: Billerica

- **School Name**: Billerica ES
- **Cost Estimator**: DAVIDSON PROJECTS, INC.
- **Teaching Space**: 369
- **Total Project Budget**: $387,283
- **Reimbursement Rate**: 55.69%
## Estimated Construction & Total Project Budget Cost Data at Schematic Design

### Elementary Schools

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### Table Data

<table>
<thead>
<tr>
<th>District</th>
<th>School Name</th>
<th>Construction Type</th>
<th>Overall Scope</th>
<th>Proposal</th>
<th>Design</th>
<th>Construction Monitoring</th>
<th>Building Value Engineering</th>
<th>Total Project Budget</th>
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<td>New</td>
<td>Lite</td>
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### Estimated Construction Cost

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### Dedham

- **Design:**
  - OMF: Dedham Community, Inc.
  - Construction Monitoring Services, Inc.
  - Heavy International, Inc.
  - Dedham Projects, Inc.
  - Municipal Building Consultants, Inc.
  - Town Engineer
  - HII International
  - Skanska US Buildings, Inc.

- **Design:**
  - HMF Architects, Inc.
  - Dore & Whittel Architects, Inc.
  - D910x Design Partnership, Inc.
  - HMF Architects, Inc.
  - Dunnaway Reserve Anderson, Inc.
  - Design Partnership of Cambridge
  - D910x Design Partnership
  - DMW Architects, Inc.

### Details

- **Total Construction Cost:**
  - Building
  - Value Engineering
  - Design Partnership
  - Total Construction Cost

- **CM@Risk Contingency:**
  - Rider Levett Bucknall
  - Essential Estimates

- **Cost Pro:**
  - DQ Jones International, Inc.

### Notes

- **Estimated Construction & Total Project Budget Cost Data at Schematic Design**
- **Service Exclusions:**
  - Legal Fees
  - Designer
  - Construction Contingency

### Summary

- **Total Project Budget:**
  - 44.80%
  - $3,430,807
  - $5,376,343
  - $1,557,252
  - $23,827,804
  - $299
  - $2,368,886
  - $1,690,593
  - $1,489,000
  - $49,956,541

- **New:**
  - $161,296
  - $735,326
  - $3,684,103
  - $600,157

- **Total Project Budget:**
  - $405,000
  - $46,169,400
  - $44.80%
  - $3,430,807
  - $5,376,343
  - $1,557,252
  - $23,827,804
  - $299
  - $2,368,886
  - $1,690,593
  - $1,489,000
  - $49,956,541

- **Total Project Budget:**
  - 62.07%
  - $50,000
  - $32,741,100
  - $1,133,851

- **New:**
  - $423,701
  - $80,000
  - $5,247,546
  - $17,332,290
  - $200,000
  - $3,372,133
  - $387,896
  - $658,493
  - $1,440,000
  - $141,988
  - $46,850,385
### Estimated Construction & Total Project Cost Data at Schematic Design (PRIOR TO JANUARY 1, 2014)

**Elementary Schools**

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| District          | Location | Mar-Main | Mar-East | Mar-West | Natick | Needham | Newton | Newtonport | Newton |
|-------------------|----------|----------|----------|----------|--------|---------|--------|------------|--------|--------|
| **Construction Type** |          |          |          |          |        |         |        |            |        |
| **Description**   |          |          |          |          |        |         |        |            |        |
| **Scope Exclusions** | G40      | G30      | D30      | D20      | B10    |         |        |            |        |
| **Bid Alternates** |          |          |          |          |        |         |        |            |        |
| **Other Soft Costs** |          |          |          |          |        |         |        |            |        |
| **Construction Contingency** |          |          |          |          |        |         |        |            |        |

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<th>PM&amp;C</th>
<th>AIM Fogarty</th>
<th>Danvers Projects, Inc.</th>
<th>Proctor &amp; Jaze</th>
<th>PM&amp;C</th>
<th>Project Mgmt &amp; Cost</th>
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<td>$1,456,175</td>
<td>$1,012,612</td>
<td>$1,964,831</td>
<td>$1,976,122</td>
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<td>$3,089,679</td>
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### Notes

- Littleton & Marblehead - PS&B Agreed budget shown reflects a Maximum Facilities Grant Amount that is lower than the amount approved by the MSBA Board Vote.

- Estimated Construction & Total Project Budget Cost Data at Schematic Design (PRIOR TO JANUARY 1, 2014)
## Estimated Construction & Total Project Budget Cost Data at Schematic Design [PRIOR TO JANUARY 1, 2014]

### Elementary Schools

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### District Information

- **School Name:**
  - Falmouth Central ES
  - Rochester Memorial ES
  - E. Somerville Community A
  - Southwick Toland
  - Springfield
  - Springfield
  - Agawam

- **School Design:**
  - Flansburgh Associates, Inc.
  - Freeman-Centennial ES
  - FCA Architects, P.C.
  - Drummey Rosane Associates, Inc.
  - JCJ Architecture, PC
  - Rider Levett Bucknall

### District Summary

<table>
<thead>
<tr>
<th>School Name</th>
<th>School Design</th>
<th>Estimated Construction Cost</th>
<th>Construction Type</th>
<th>Cost Estimator</th>
</tr>
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<tbody>
<tr>
<td>Falmouth Central ES</td>
<td>Flansburgh Associates, Inc.</td>
<td>$28,240,366</td>
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<td>Rochester Memorial ES</td>
<td>Freeman-Centennial ES</td>
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<td>Matthew Pinto</td>
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<td>E. Somerville Community A</td>
<td>FCA Architects, P.C.</td>
<td>$18,750,107</td>
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<td>Thomas G. McDonald</td>
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<tr>
<td>Southwick Toland</td>
<td>Drummey Rosane Associates, Inc.</td>
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<td>New</td>
<td>Joseph Flanagan</td>
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<td>Springfield</td>
<td>JCJ Architecture, PC</td>
<td>$2,917,538</td>
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<td>Jared A. M. Fligstein</td>
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<td>Springfield</td>
<td>Rider Levett Bucknall</td>
<td>$1,736,444</td>
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</table>

### Scope Exclusions

- **Bid Alternates**
- **Owner's Contingency**
- **Other Soft Costs**
- **Legal Fees**
- **FF&E/IT**
- **OPM & Other Professional Services**
- **Construction Contingency**
- **CM Preconstruction Services**
- **Bid Alternates**

### Maximum Facilities Grant

- **Reimbursement Rate**
  - New: 53.16%
  - Existing: 57.94%

### Notes

- Assumes Start of Construction:
  - Jul-10
  - Oct-10
  - Nov-10

- Other Sites:
  -JCJ Architecture, PC
  - Rider Levett Bucknall

### Total Project Budget

- **$71,341,792**
- **$20,012,448**
- **$9,618,970**
- **$17,204,820**
- **$37,546,030**
- **$18,750,107**
- **$17,204,820**
- **$37,546,030**
- **$18,750,107**

### Breaks for Cost Facility Grants

- **Reinforcement Rate**
  - New: 10%
  - Existing: 10%
- **Masonry Facility Grant**
  - New: 10%
  - Existing: 10%

### Financial Information

- **Bid Alternates**
  - New: 53.16%
  - Existing: 57.94%
- **Financing - New Facilities**
  - New: 57.94%
  - Existing: 57.92%
- **Other Site Construction**
  - New: 100%
  - Existing: 100%

### Other Information

- **Total Project Budget:**
  - **$71,341,792**
- **$20,012,448**
- **$9,618,970**
- **$17,204,820**
- **$37,546,030**
- **$18,750,107**
- **$17,204,820**
- **$37,546,030**
- **$18,750,107**

---

**Notes:**
- Total Project Budget Value includes the cost of Alternatives.
- **Community:** New includes $17,204,820. Remaining Insurance Proceeds.
- **Springfield:** New total includes $2,917,538. Value of third party funding.
### Estimated Construction & Total Project Budget Cost Data at Schematic Design [PRIOR TO JANUARY 1, 2014] Elementary Schools

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<tr>
<th>District</th>
<th>Webster</th>
<th>Westfield</th>
<th>Wester</th>
<th>Williamsburg</th>
<th>Winchendon</th>
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<tr>
<td>School Name</td>
<td>Park Avenue ES</td>
<td>Aveon Gables ES</td>
<td>Field ES</td>
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**Note:** Estimated Construction & Total Project Budget Cost Data at Schematic Design prior to January 1, 2014.
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<td>Hingham Middle School</td>
<td>JFK Middle School</td>
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<td>$34,832,243</td>
<td>$17,876,231</td>
<td>$5,709,750</td>
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</table>

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### Estimated Construction & Total Project Budget Cost Data at Schematic Design [PRIOR TO JANUARY 2015]

#### Middle Schools

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- The data has been created based on actual construction budget or contract amounts.

#### Description of Work:
- **Substructure**
- **Mark-Ups**
- **Systems**
- **Tenant Improvement**
- **Furniture, Fixtures, & Equipment**
- **Scope Exclusions**
- **Bid Alternates**
- **Owner's Contingency**
- **Other Soft Costs**

#### School Name

- **Oxford Middle School**
- **Quincy Middle School**
- **Duxbury Middle School**
- **Sharon Middle School**
- **Southeastern Technical School**
- **Stoneham Middle School**
- **Galeon Middle School**

#### Cost Estimator

- **JCJ Architecture, PC**
- **CGI Architects**
- **A3 Architects, LLC**
- **Fitchburg Thompson Architects**
- **Kacee Boes Associates, Inc.**
- **Luminous Lepage & Associates, Inc.**
- **JCI Architecture, PC**
- **Tappe Associates, Inc.**

#### Costs

<table>
<thead>
<tr>
<th>Description of Work</th>
<th>Total Costs</th>
<th>Substructure</th>
<th>Mark-Ups</th>
<th>Systems</th>
<th>Tenant Improvement</th>
<th>Furniture, Fixtures &amp; Equipment</th>
<th>Scope Exclusions</th>
<th>Bid Alternates</th>
<th>Owner's Contingency</th>
<th>Other Soft Costs</th>
<th>Total Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<tr>
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</table>

#### Conclusion

- The spreadsheet provides a comprehensive view of construction costs and project budgets for various Middle Schools.
- The data is intended for informational purposes only and should be reviewed and audited by the MSBA for eligibility and reimbursement.

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Page 2 of 2
### Estimated Construction & Total Project Budget Cost Data at Schematic Design (PRIOR TO JANUARY 1, 2014)

**Middle/High Schools**

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<th>School Name</th>
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<th>West Bridgewater Middle/High School</th>
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<td>New</td>
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<td>$2,360,300</td>
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<td>Ineligible Costs &amp; Contingency</td>
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<td>$4,732,634</td>
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<td>Total</td>
<td>$577,100</td>
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<td>$169,800</td>
<td>$3,134,300</td>
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</tbody>
</table>
### Estimated Construction & Total Project Cost Data at Schematic Design (PRIOR TO JANUARY 1, 2014)

#### High Schools

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**Basis for Total Facilities Grant**
- Prior to January 1, 2014

**Total Project Budget Value**
- Includes the cost of Alternates.

---

#### Table: Estimated Construction & Total Project Cost Data at Schematic Design (PRIOR TO JANUARY 1, 2014)

<table>
<thead>
<tr>
<th>School Name</th>
<th>District</th>
<th>Description</th>
<th>Full Cost</th>
<th>Design Partnership of</th>
<th>Cost Estimator</th>
<th>Total Project Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assebet Valley Regional High School</td>
<td>Assebet Valley</td>
<td>#1 Foundation</td>
<td>$26,121,660</td>
<td>DBL</td>
<td>Essential Estimating</td>
<td>$39,060,013</td>
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<td>Ayer Shirley High School</td>
<td>Ayer Shirley</td>
<td>#2 Building Shell</td>
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<td>DBL</td>
<td>Essential Estimating</td>
<td>$51,083,948</td>
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<td>Concord Carlisle High School</td>
<td>Concord Carlisle</td>
<td>#3 Other Shell Construction</td>
<td>$44,560,369</td>
<td>DBL</td>
<td>Essential Estimating</td>
<td>$79,620,670</td>
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<tr>
<td>Dracut High School</td>
<td>Dracut</td>
<td>#4 Exterior Windows</td>
<td>$14,349,718</td>
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<td>Essential Estimating</td>
<td>$24,998,348</td>
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<td>East Bridgewater Jr./Sr. High School</td>
<td>East Bridgewater</td>
<td>#5 HVAC</td>
<td>$32,945,568</td>
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<td>Essential Estimating</td>
<td>$59,508,519</td>
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<tr>
<td>Easthampton High School</td>
<td>Easthampton</td>
<td>#6 Subtotal</td>
<td>$200,850</td>
<td>DBL</td>
<td>Essential Estimating</td>
<td>$391,000</td>
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### Notes

- **Total Project Budget Value** includes the cost of Alternates.
- **Basis for Total Facilities Grant**
  - Prior to January 1, 2014
- **Total Project Budget Value**
  - Includes the cost of Alternates.
- **Add/Reno Mark-Ups**: Any additional costs not included in the initial project scope. These may include changes requested by the owner, unforeseen conditions, or other factors.
- **Add/Reno**: Any additional costs not included in the initial project scope. These may include changes requested by the owner, unforeseen conditions, or other factors. The MSBA shall have no responsibility or duty to update any of the information contained in this spreadsheet. Please contact the districts for the most current information. The MSBA hereby disclaims any and all liability and responsibility that may arise in connection with the information contained in this spreadsheet. This spreadsheet may include a preliminary review of scope exclusions but all costs identified are subject to review and audit by the districts and may not be eligible for reimbursement by the MSBA.
## Estimated Construction & Total Project Cost Data at Schematic Design [PRIOR TO JANUARY 1, 2014]

### High Schools

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### Table: Estimated Construction & Total Project Cost Data at Schematic Design

<table>
<thead>
<tr>
<th>District</th>
<th>School Name</th>
<th>Excess Age Tech</th>
<th>Franklin</th>
<th>Greenfield</th>
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<tbody>
<tr>
<td>-</td>
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<td></td>
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</tr>
</tbody>
</table>

### Table Details

<table>
<thead>
<tr>
<th>Description of Work</th>
<th>Total Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Building Subtotal</td>
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<tr>
<td></td>
<td>$99,484,995</td>
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<td></td>
<td>$2,500,000</td>
</tr>
<tr>
<td></td>
<td>$102,600,000</td>
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</tbody>
</table>

**Note:** The total project budget value includes the cost of Alternates.
### Estimated Construction & Total Project Cost Data at Schematic Design (PRIORITY TO JANUARY 1, 2014) High Schools

The information and data contained in this spreadsheet, for construction projects prior to January 1, 2014, is based on the MSBA’s review of construction cost estimates, contracts, and other documentation provided by cities, towns, and regional school districts. This information and data is intended for informational purposes only. The data may have changed based on actual construction bids or contract amendments, for example, and the MSBA shall have no responsibility or duty to update any of the information contained in this spreadsheet. Please contact the Districts for the most current information. The MSBA hereby disclaims any and all liability, and expressly that may arise in connection with the information contained in this spreadsheet. This spreadsheet may include a preliminary review of scope exclusions but all costs identified are subject to review and audit by the MSBA and may not be eligible for reimbursement by the MSBA.

<table>
<thead>
<tr>
<th>School Name</th>
<th>Description of Work</th>
<th>Total Cost (in $)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hampden-Wilbraham</td>
<td>Construction</td>
<td>$213,467,282</td>
</tr>
<tr>
<td>Hanover</td>
<td>New</td>
<td>$150,959,792</td>
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<tr>
<td>Longmeadow</td>
<td>Subcontractor Bond</td>
<td>$948,077</td>
</tr>
<tr>
<td>Lynnfield</td>
<td>New</td>
<td>$215,640,607</td>
</tr>
<tr>
<td>Maynard</td>
<td>New</td>
<td>$217,249,627</td>
</tr>
<tr>
<td>Malden</td>
<td>New</td>
<td>$120,007,073</td>
</tr>
<tr>
<td>Shrewsbury</td>
<td>New</td>
<td>$141,393,927</td>
</tr>
<tr>
<td>Springfield</td>
<td>New</td>
<td>$212,794,521</td>
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<tr>
<td>Westfield</td>
<td>New</td>
<td>$213,467,282</td>
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</table>

### Total Project Budget

**Total Project Budget Value includes the cost of Alternates.**

**Details:**
- **Construction Type:**
  - New
  - New
  - New
  - New
  - New
- **Completed:**
  - 1,225
  - 2,621
  - 2,594
  - 45
  - 2,959
- **Assumed Start of Construction:**
  - Aug-09
  - Aug-10
  - Aug-10
  - Aug-11
  - Aug-11
- **Design:**
  - Arcadis U.S., Inc.
  - Lamoureaux Pagano & Associates
  - Edward Rowse Architects, Inc.
  - AIG Architects LLC
  - Tagge Associates, Inc.
- **PMAC:**
  - PM&C
  - PM&C
  - PM&C
  - PM&C
  - PM&C
- **Construction Cost:**
  - $212,740,683
  - $213,467,282
  - $213,467,282
  - $213,467,282
  - $213,467,282
- **Total Project Cost:**
  - $212,740,683
  - $213,467,282
  - $213,467,282
  - $213,467,282
  - $213,467,282

### Basis for Total Facilities Grant

- **High Schools:**
  - **Hanover:**
    - **75,750,379**
    - **52,945,364**
    - **49,102,680**
    - **63,090,408**
    - **$4,435,364**
    - **$85,016,927**
    - **$42,800,580**
  - **Lynnfield:**
    - **60,984,200**
    - **56,140,327**
    - **49,304,390**
    - **43,400,486**
    - **51,485,820**
  - **Maynard:**
    - **56,600,000**
    - **52,300,000**
    - **46,500,000**
    - **41,700,000**
    - **46,400,000**
  - **Total Facilities Grant:**
    - **$174,306,683**

### Additional Information

- **Estimated Construction & Total Project Cost Data at Schematic Design**
- **School Name:**
  - **Hampden-Wilbraham:**
    - **Hanover High School**
    - **Longmeadow Sr. High School**
    - **Lynnfield High School**
    - **Maynard High School**
  - **Districts:**
    - **Leominster:**
    - **Lynnfield:**
    - **Marshfield:**
    - **Maynard:**
- **Construction Type:**
  - **New**
  - **New**
  - **New**
  - **New**
  - **New**
- **Completed:**
  - 1,225
  - 2,621
  - 2,594
  - 45
  - 2,959
- **Assumed Start of Construction:**
  - Aug-09
  - Aug-10
  - Aug-10
  - Aug-11
  - Aug-11
- **Design:**
  - Arcadis U.S., Inc.
  - Lamoureaux Pagano & Associates
  - Edward Rowse Architects, Inc.
  - AIG Architects LLC
  - Tagge Associates, Inc.
- **PMAC:**
  - PM&C
  - PM&C
  - PM&C
  - PM&C
  - PM&C
- **Construction Cost:**
  - $212,740,683
  - $213,467,282
  - $213,467,282
  - $213,467,282
  - $213,467,282
- **Total Project Cost:**
  - $212,740,683
  - $213,467,282
  - $213,467,282
  - $213,467,282
  - $213,467,282

### Additional Notes

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### Disclaimer

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## Estimated Construction & Total Project Cost Data at Schematic Design [PRIOR TO JANUARY 1, 2014]

The information and data contained in this spreadsheet, for construction projects prior to January 1, 2004, is based on the MSBA's review of construction cost estimates, contracts and other documentation provided by cities, towns, and regional school districts. This information and data is intended for informational purposes only. The data may have changed based on actual construction bids or contract amendments, for example, and the MSBA shall have no responsibility or duty to update any of the information contained in this spreadsheet. Please contact the districts for the most current information. The MSBA hereby disclaims any and all liability and responsibility that may arise in connection with the information contained in this spreadsheet. This spreadsheet may include a preliminary review of scope exclusions but all costs identified are subject to review and audit by the MSBA and may not be eligible for reimbursement by the MSBA.

### High Schools

<table>
<thead>
<tr>
<th>School Name</th>
<th>Project Scope Adjustments</th>
<th>Construction Type</th>
<th>District</th>
<th>Construction Subtotal</th>
<th>Subtotal</th>
<th>Total Construction Cost</th>
</tr>
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<tbody>
<tr>
<td>Monomoy Regional High School</td>
<td></td>
<td></td>
<td>Monomoy</td>
<td>$94,036,463</td>
<td>$350,000</td>
<td>$103,046,463</td>
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<tr>
<td>Natick High School</td>
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<td>Natick</td>
<td>$94,036,463</td>
<td>$350,000</td>
<td>$103,046,463</td>
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<tr>
<td>Norfolk County Agricultural</td>
<td></td>
<td></td>
<td>Norfolk</td>
<td>$94,036,463</td>
<td>$350,000</td>
<td>$103,046,463</td>
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<tr>
<td>School VT HS</td>
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<td></td>
<td>Old Colony</td>
<td>$94,036,463</td>
<td>$350,000</td>
<td>$103,046,463</td>
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</tbody>
</table>

**Notes:**
- **Estimation Method:**
  - Construction Subtotal
  - Total Construction Cost
- **Construction Subtotal:**
  - **Construction Type:**
    - Design
    - Construction
  - **District:**
    - Monomoy
    - Natick
    - Norfolk
    - Old Colony
  - **Project Scope Adjustments:**
    - Construction
    - Subtotal
    - Total Construction Cost

---

### Table: Construction & Total Project Cost Data at Schematic Design

<table>
<thead>
<tr>
<th>Description of Work</th>
<th>Estimated Construction &amp; Total Project Cost Data at Schematic Design</th>
</tr>
</thead>
<tbody>
<tr>
<td>Building Subtotal</td>
<td>$25,183,720</td>
</tr>
<tr>
<td>Owner's Contingency</td>
<td>$10,000</td>
</tr>
<tr>
<td>Other Soft Costs</td>
<td>$3,475,000</td>
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<tr>
<td>Reimbursement Rate</td>
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<tr>
<td>FF&amp;E/IT</td>
<td>$3,475,000</td>
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<tr>
<td>Estimated Construction &amp; Total Project Cost Data at Schematic Design</td>
<td>$25,183,720</td>
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</tbody>
</table>
# Estimated Construction & Total Project Cost Data at Schematic Design [PRIORITY TO JUNE 1, 2014] High Schools

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<table>
<thead>
<tr>
<th>District</th>
<th>Plymouth</th>
<th>Sharonham</th>
<th>Somerset Berkley</th>
<th>Southeastern</th>
<th>Southern Worcester County</th>
<th>Southeast</th>
<th>Tewksbury</th>
</tr>
</thead>
<tbody>
<tr>
<td>School Name</td>
<td>Plymouth North High School</td>
<td>Sharonham Regional Voc Tech High School</td>
<td>Somerset Berkley Regional High School</td>
<td>Southeastern Regional Voc Tech High School</td>
<td>Bays Path Regional Voc Tech High School</td>
<td>Southwick Toland Regional High School</td>
<td>Tewksbury Memorial High School</td>
</tr>
<tr>
<td>Construction Type</td>
<td>New</td>
<td>New</td>
<td>New</td>
<td>New</td>
<td>New</td>
<td>New</td>
<td>New</td>
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<td>Estimated</td>
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<td>New</td>
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<td>GSA</td>
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<td>246,521</td>
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<tr>
<td>Assumed Start of Construction</td>
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<td>Sep-12</td>
<td>Sep-12</td>
<td>Sep-12</td>
<td>Sep-12</td>
<td>Sep-12</td>
<td>Sep-12</td>
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<tr>
<td>Cost Estimator</td>
<td>PMAC</td>
<td>Knight, Bagge &amp; Anderson, Inc.</td>
<td>PMAC</td>
<td>Cost Pro, Inc.</td>
<td>Coast &amp; Harbor Con Mgmt</td>
<td>PMAC</td>
<td>Dandkus Projects, Inc.</td>
</tr>
</tbody>
</table>

## Construction & Total Project Cost Data at Schematic Design

<table>
<thead>
<tr>
<th>School Name</th>
<th>Total Project Cost</th>
<th>Design &amp; Pricing Contingency</th>
<th>Construction Type</th>
<th>Construction Contingency</th>
<th>GMP Contingency</th>
<th>Subcontractor Bond</th>
<th>Prime Contractor</th>
<th>Facilities Management</th>
<th>Site Preparation</th>
<th>Design &amp; Drafting</th>
<th>Construction Management</th>
<th>Site Management &amp; Engineering</th>
<th>Services</th>
<th>Total Construction Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plymouth North High School</td>
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<td>$2,765,040</td>
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<td>$2,440,639</td>
<td>$15,098,629</td>
<td>$270,325</td>
<td>$2,900,070</td>
<td>$11,204,780</td>
<td>$648,000</td>
<td>$72,005,925</td>
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<tr>
<td>Sharonham Regional Voc Tech High School</td>
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<td>$2,051,991</td>
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<td>$17,741,783</td>
<td>$19,174,591</td>
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<td>$15,098,629</td>
<td>$270,325</td>
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<td>$8,204,780</td>
<td>$1,674,617</td>
<td>$19,174,591</td>
<td></td>
</tr>
<tr>
<td>Somerset Berkley Regional High School</td>
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<td>New</td>
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<td>$4,687,847</td>
<td>$15,098,629</td>
<td>$270,325</td>
<td>$1,500,000</td>
<td>$8,204,780</td>
<td>$1,674,617</td>
<td>$22,515,336</td>
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</tr>
<tr>
<td>Southeastern Regional Voc Tech High School</td>
<td>$13,557,873</td>
<td>$3,117,801</td>
<td>New</td>
<td>$21,054,283</td>
<td>$22,515,336</td>
<td>$4,687,847</td>
<td>$4,687,847</td>
<td>$15,098,629</td>
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<td>$8,204,780</td>
<td>$1,674,617</td>
<td>$22,515,336</td>
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</tr>
<tr>
<td>Bays Path Regional Voc Tech High School</td>
<td>$13,557,873</td>
<td>$3,117,801</td>
<td>New</td>
<td>$21,054,283</td>
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<td>$4,687,847</td>
<td>$4,687,847</td>
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<td>$8,204,780</td>
<td>$1,674,617</td>
<td>$22,515,336</td>
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</tr>
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<td>Southwick Toland Regional High School</td>
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<td>$21,054,283</td>
<td>$22,515,336</td>
<td>$4,687,847</td>
<td>$4,687,847</td>
<td>$15,098,629</td>
<td>$270,325</td>
<td>$1,500,000</td>
<td>$8,204,780</td>
<td>$1,674,617</td>
<td>$22,515,336</td>
<td></td>
</tr>
<tr>
<td>Tewksbury Memorial High School</td>
<td>$13,557,873</td>
<td>$3,117,801</td>
<td>New</td>
<td>$21,054,283</td>
<td>$22,515,336</td>
<td>$4,687,847</td>
<td>$4,687,847</td>
<td>$15,098,629</td>
<td>$270,325</td>
<td>$1,500,000</td>
<td>$8,204,780</td>
<td>$1,674,617</td>
<td>$22,515,336</td>
<td></td>
</tr>
</tbody>
</table>

## Basis for Total Facilities Grant

- **New**
- **Renovation**
- **Add/Reno**
- **Interiors**
- **Exterior Walls**
- **Exterior Doors**
- **Exterior Windows**
- **HVAC**
- **Electrical Utilities**
- **Shell**
- **Electrical**
- **Plumbing**
- **Services**
- **GMP Contingency**
- **Construction Management**
<table>
<thead>
<tr>
<th>School Name</th>
<th>Designator</th>
<th>PM&amp;C</th>
<th>PM&amp;B</th>
<th>Gardner &amp; Theobald</th>
<th>AM Property, Inc.</th>
<th>Total Costs</th>
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<tbody>
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** Hypothetical Facilities Grant**

<table>
<thead>
<tr>
<th>Estimated Construction &amp; Total Project Cost Data at Schematic Design [PRIOR TO JANUARY 1, 2014]</th>
</tr>
</thead>
<tbody>
<tr>
<td>High Schools</td>
</tr>
</tbody>
</table>

This information and data contained in this spreadsheet, for construction projects prior to January 1, 2014, is based on the MSBA's review of construction cost estimates, contracts and other documentation provided by cities, towns, and regional school districts. This information and data is intended for informational purposes only. The data may have been changed based on actual construction costs or contract amendments, for example, and the MSBA shall have no responsibility to update any of the information contained in this spreadsheet. Please contact the Districts for the most current information. The MSBA hereby disclaims any and all liability and responsibility that may arise in connection with the information contained in this spreadsheet.

This spreadsheet may include a preliminary review of scope exclusions but all costs identified are subject to review and audit by the MSBA and may not be eligible for reimbursement by the MSBA.

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### Key Points

- **Estimated Construction & Total Project Cost Data**
- **Initial Design & Pricing Contingency**
- **Construction Contingency**
- **Site Preparation & Site Improvements**
- **Superstructure**
- **Electrical Utilities**
- **HVAC**
- **Roofing**
- **Exterior Walls**
- **Exterior Doors**

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**Notes:**

- [PRIOR TO JANUARY 1, 2014] indicates the data is prior to this date.
- MSBA: Massachusetts School Building Authority.
- CM@Risk: Construction Management at Risk delivery method.
- Facilities Grant: Amount of grant funding available for construction projects.
- Total Facilities Grant: Total amount of grant funding awarded.
- GMP: Guaranteed Maximum Price.
- FF&E/IT: Furniture, Fixtures, and Equipment/Information Technology.
- Legal Fees: Legal fees associated with the construction project.
- GMP Contingency: Contingency for GMP.
- Services: Services costs associated with the project.
- Site Preparation: Site preparation costs.
- Site Improvements: Site improvements costs.
- Superstructure: Costs related to the structure of the building.
- Electrical Utilities: Electrical utility costs.
- HVAC: Heating, Ventilation, and Air Conditioning.
- Roofing: Roofing costs.
- Exterior Walls: Exterior wall costs.
- Exterior Doors: Exterior door costs.
- FF&E/IT: Furniture, Fixtures, and Equipment/Information Technology.
- GMP: Guaranteed Maximum Price.
- Services: Additional services costs.
- Total Project Budget: Total cost of the project.
- High Schools: Costs for high school projects.
-** Total Project Budget Value includes the cost of Alternates.

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**Detailed Breakdown:**

- **Estimated Construction & Total Project Cost Data**
- **Initial Design & Pricing Contingency**
- **Construction Contingency**
- **Site Preparation & Site Improvements**
- **Superstructure**
- **Electrical Utilities**
- **HVAC**
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**Contact:**

- Joslin, Lesser & Associates: For questions regarding budget items or costs.
- PM&C: For general inquiries.
- PM&B: For specific project details.
- Gardner & Theobald: For further information on the project.
- AM Property, Inc.: For additional project-related questions.

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