

Massachusetts School Building Authority

# CAPITAL PLANNING PROJECT OVERVIEW REPORT

July 24, 2017

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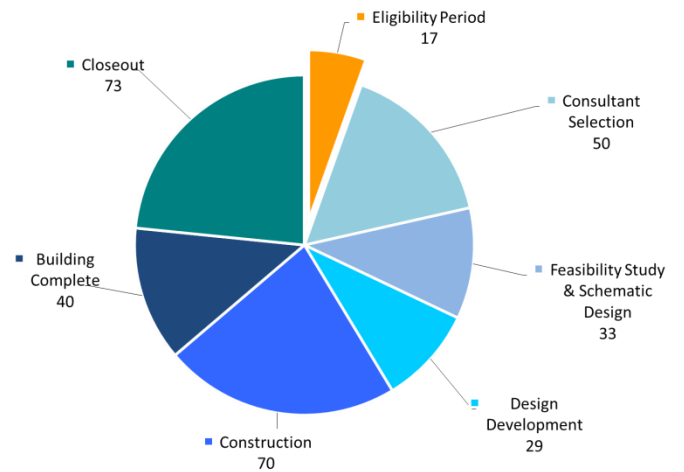
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# CAPITAL PIPELINE OVERVIEW

## Status of Current Projects

A total of 312 projects that have received invitations from the Board of Directors (“Board”) to collaborate with the Massachusetts School Building Authority (“MSBA”) are currently in the MSBA’s Eligibility Period and Capital Pipeline. The summary chart provides the number of projects in Eligibility Period and each phase of the Capital Pipeline. For a detailed look at the Capital Pipeline projects, please go to [www.massschoolbuildings.org/building](http://www.massschoolbuildings.org/building) and select “Capital Pipeline Status Chart”.

### Capital Planning Updates:



The following FY 17 objectives have been completed and approved by the Board:

- 11/9/16 - Remove the incentive points for use of the Construction Manager at Risk.
- 11/9/16 - Revisions to MSBA policy that would allow auditorium and gymnasium spaces above MSBA guidelines at the district’s sole expense for districts that are approved to proceed into Schematic Design on or after January 1, 2017.
- 11/9/16 - Remove the previously approved Model School designs from the Model School Program.
- 2/15/17 - Update the MSBA’s sustainability policies in relation to the 9<sup>th</sup> building code.
- 5/12/17 – Recommend Post Occupancy program for FY 18.
- 5/12/17 and 6/28/17 – Recommend SOI 2017 ARP invitations.
- 6/28/17 – Recommend senior study visits for 2017 Core Program SOIs.
- 6/28/17 – Recommend updates to Eligibility Period.
- 6/28/17 – Recommend Incentive Points for Green Schools Program.
- 6/28/17 – Recommend MSBA’s funding limit for construction costs per square foot.
- 6/28/17 – Recommend schools for the Model School Program.

## 2017 Progress Report

- Statement of Interest (“SOI”) 2017
  - The 2017 SOI submittal period opened on January 6, 2017 and closed on February 17, 2017 for the Accelerated Repair Program (“ARP”) and April 7, 2017 for the Core Program. The current status is as follows:
    - Recommendations for invitation to the ARP were forwarded at the May 12, 2017 and June 28, 2017 Board meeting.
    - Recommendations for Senior Study Visits were forwarded at the June 28, 2017 Board meeting with visits anticipated to commence in August 2017. 83 SOIs were received for the Core Program.
- Eligibility Period
  - There are 17 districts in Eligibility Period.
- Feasibility Study/Schematic Design
  - Four districts received MSBA approval for selection of an Owner’s Project Manager (“OPM”).
  - Five districts completed Designer Selection.
  - 12 districts are anticipating submittals for the preferred schematic solutions between July 2017 and October 2017.
  - 12 districts are anticipating submittals for Project Funding Agreements between July 2017 and December 2017.
- Accelerated Repair Program (“ARP”)
  - No actions anticipated for Project Funding Agreements anticipated until Fall 2017.
- Construction Costs – Core Program
  - MSBA staff anticipates 12 projects will bid in 2017.
    - Of the 12 bids and/or executions of a GMP projected to bid in 2017, two projects have completed the bidding process and its bids were within the estimated budget.
  - MSBA staff anticipates 5 projects will bid in 2018.
- Substantial Completion
  - Ten projects are projected to reach substantial completion in 2017. Four projects have reached substantial completion.

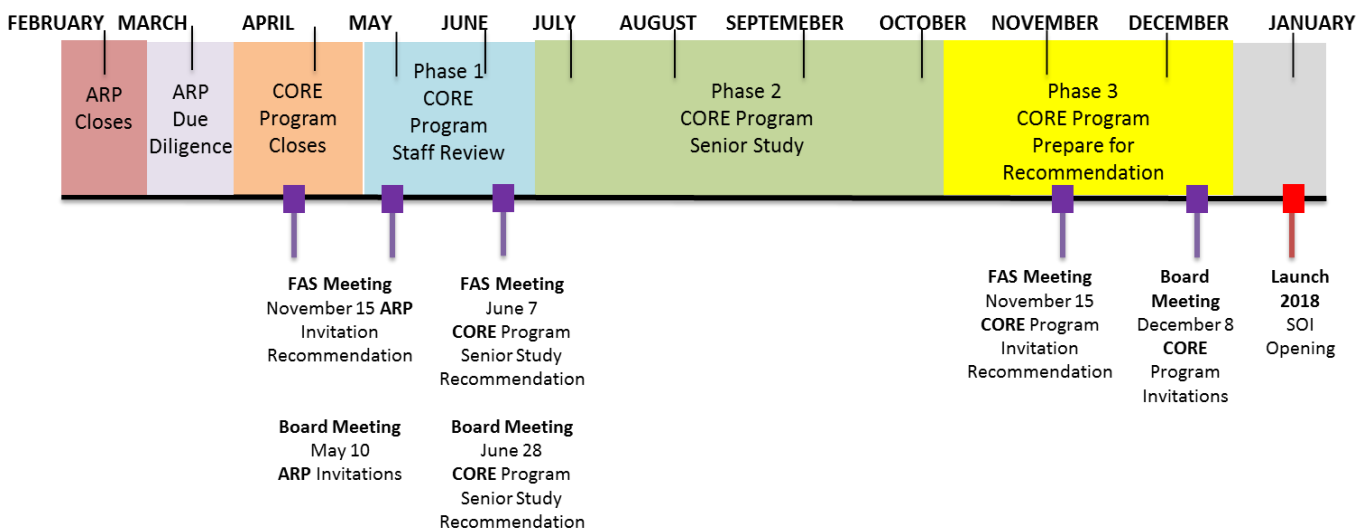
# STATEMENTS OF INTEREST (SOIs)

## 2017 SOI Process

The 2017 SOI submittal period opened on January 6, 2017. The deadline to file SOIs for consideration in the ARP, which is primarily for the repair and/or replacement of roofs, windows/doors, and/or boilers in an otherwise structurally sound facility ended on February 17, 2017. Given the potential budget impact from the 69 qualifying SOIs filed for the ARP program in 2017, at the April 24, 2017 Facilities Assessment Subcommittee Meeting and the May 12, 2017 Board of Directors Meeting, MSBA staff recommended limiting the number of ARP invitations this year. MSBA staff’s recommendation that only systems of 30 years or more be considered for invitation to the 2017 ARP was approved at the May 12, 2017 Board meeting.

For the 2017 ARP program, MSBA staff’s recommendation to invite systems of 30 years or more resulted in the consideration of 36 of the 69 schools for which qualifying SOIs were received. Of the 36 schools, the MSBA conducted site visits at 19 of these schools from March 21, 2017 to March 30, 2017. At the May 12, 2017 Board Meeting, the 19 schools received invitations to the 2017 ARP program. For the remaining 17 of 36 schools, the MSBA conducted site visits from May 2, 2017 to May 4, 2017. At the June 28, 2017 Board meeting, the 17 schools received invitations to the 2017 ARP program.

The deadline to file SOIs for consideration in the Core Program, which is primarily for projects beyond the scope of ARP, including extensive repairs, renovations, addition/renovations, and new school construction opened on January 6, 2017 and ended Friday, April 7, 2017, with due diligence on the 83 submittals underway. Recommendation of Senior Study candidates were presented at the June 7, 2017 Facilities Assessment Subcommittee and the June 28, 2017 Board meeting, with visits to commence in August.



# CORE PROGRAM

## ELIGIBILITY PERIOD

There are 17 districts in Eligibility Period, with seven districts having secured their funding.

An agreed-upon enrollment is a key pre-requisite for the MSBA to commence a Feasibility Study with a district. To begin the enrollment projection process, a district must file enrollment information utilizing the MSBA's online enrollment projection tool. Ten of the 17 districts currently in Eligibility Period have completed their online enrollment projection information.

| District            | School                    | Eligibility Period Commencement Date | 30 days | 60 days | 90 days                           |                          | 180 days              |                          | 270 days            | Date of Invitation to Feasibility Study (Estimated) |
|---------------------|---------------------------|--------------------------------------|---------|---------|-----------------------------------|--------------------------|-----------------------|--------------------------|---------------------|---|
|                     |                           |                                      | ICC     | SBC     | Online Enrollment Projection Info | Ed Profile Questionnaire | Maintenance Documents | Enrollment Certification | Local Authorization |   |
| Bridgewater-Raynham | Mitchell ES               | 3/1/2017                             | X       | X       | X                                 | X                        | X                     |                          | X                   | TBD   |
| Leicester           | Leicester Middle School   | 3/1/2017                             | X       | X       | X                                 | X                        |                       |                          | X                   | TBD   |
| Millbury            | Raymond E. Shaw ES        | 3/1/2017                             | X       | X       | X                                 | X                        |                       |                          | X                   | TBD   |
| Westborough         | Annie E. Fales ES         | 3/1/2017                             | X       | X       | X                                 | X                        |                       |                          | X                   | TBD   |
| Acton-Boxborough    | CT Douglas ES             | 4/3/2017                             | X       | X       | X                                 | X                        |                       |                          |                     | TBD   |
| Easton              | Center School             | 4/3/2017                             | X       | X       | X                                 | X                        |                       |                          |                     | TBD   |
| Gloucester          | East Gloucester ES        | 4/3/2017                             | X       | X       | X                                 | X                        |                       |                          |                     | TBD   |
| Rockland            | Jefferson ES              | 4/3/2017                             | X       | X       | X                                 |                          |                       |                          | X                   | TBD   |
| Sharon              | Sharon HS                 | 4/3/2017                             | X       | X       | X                                 | X                        |                       |                          |                     | TBD   |
| Fitchburg           | Crocker ES                | 5/1/2017                             | X       | X       |                                   |                          |                       |                          |                     | TBD   |
| Gardner             | Waterford Street ES       | 5/1/2017                             | X       | X       | X                                 | X                        | X                     |                          | X                   | TBD   |
| Lawrence            | Oliver Partnership School | 5/1/2017                             | X       | X       |                                   | X                        |                       |                          |                     | TBD   |
| Orange              | Dexter Park School        | 5/1/2017                             | X       | X       |                                   |                          |                       |                          |                     | TBD   |
| Braintree           | South MS                  | 6/1/2017                             | X       |         |                                   |                          |                       |                          |                     | TBD   |
| Nauset RSD          | Nauset Regional HS        | 6/1/2017                             | X       |         |                                   |                          |                       |                          | X                   | TBD   |
| Springfield         | Deberry ES                | 6/1/2017                             | X       |         |                                   |                          | X                     |                          |                     | TBD   |
| Worcester           | Doherty Memorial HS       | 6/1/2017                             | X       | X       |                                   |                          |                       |                          |                     | TBD   |

## **CONSULTANT SELECTION**

### **Owner's Project Manager ("OPM") Selection**

After the district has completed all Eligibility Period requirements and has received a Board Invitation to Feasibility Study, the district procures an OPM. Since the last report, four districts have completed their OPM selection (shaded in the table below). Currently, there are four districts in the Capital Pipeline that are in the process of procuring an OPM.

| District          | School                  | Anticipated Selection |
|-------------------|-------------------------|-----------------------|
| Framingham        | Fuller Middle School    | June 2017             |
| Tewksbury         | Louise Davy Trahan ES   | June 2017             |
| Arlington         | Arlington HS            | July 2017             |
| Wareham           | Minot Forest ES         | July 2017             |
| Holyoke           | Lt. Elmer J. McMahon ES | August 2017           |
| Central Berkshire | Wahconah RHS            | September 2017        |
| West Springfield  | Coburn ES               | September 2017        |
| Amesbury          | Amesbury ES             | October 2017          |

### Designer Selection

After a district has selected and executed a contract with an OPM, the district selects a Designer by utilizing either a local designer selection process for projects under \$5 million or the MSBA’s Designer Selection Panel (“DSP”) for projects over \$5 million. Since the last report, five districts have completed their Designer selection (shaded in the table below). There are currently eight districts in the Capital Pipeline that are in the process of procuring a Designer.

| District             | School                      | Anticipated Selection |
|----------------------|-----------------------------|-----------------------|
| Belmont              | Belmont HS                  | June 2017             |
| Manchester Essex RSD | Manchester Memorial ES      | June 2017             |
| Northbridge          | W. Edward Balmer ES         | June 2017             |
| Shrewsbury           | Beal Early Childhood Center | July 2017             |
| Marblehead           | Elbridge Gerry ES           | July 2017             |
| Framingham           | Fuller Middle School        | August 2017           |
| Pentucket            | Pentucket RHS               | August 2017           |
| Springfield          | Brightwood ES               | August 2017           |
| Arlington            | Arlington HS                | September 2017        |
| Danvers              | Ivan G Smith ES             | September 2017        |
| Tewksbury            | Louise Davy Trahan ES       | September 2017        |
| Wareham              | Minot Forest                | September 2017        |

For additional information on the selected consultant teams, see Appendix A.



**FEASIBILITY STUDY**

Once a district has procured an OPM and Designer, the district and the district’s consultants must complete two Feasibility Study submittals, the Preliminary Design Program, and the Preferred Schematic Report, prior to Board consideration to proceed into Schematic Design. Based on the most recent data and schedules provided to the MSBA by districts, the MSBA anticipates that 12 districts will appear before the board for their Preferred Schematic Designs authorizations at the August, and October Board Meetings.

| District       | School                        | Anticipated PS Board Date |
|----------------|-------------------------------|---------------------------|
| Attleboro      | Attleboro HS                  | August 2017               |
| Fall River     | Durfee HS                     | August 2017               |
| Harvard        | Harvard ES                    | August 2017               |
| Lowell         | Lowell HS                     | August 2017               |
| Taunton        | Mulcahey ES                   | August 2017               |
| Tisbury        | Tisbury ES                    | August 2017               |
| Bristol County | Bristol County Agriculture HS | October 2017              |
| Easthampton    | Maple ES                      | October 2017              |
| Ludlow         | Chapin Street ES              | October 2017              |
| Marlborough    | Richer ES                     | October 2017              |
| Natick         | John F Kennedy MS             | October 2017              |
| Northbridge    | Balmer ES                     | October 2017              |

**SCHEMATIC DESIGN**

Prior to consideration by the Board for Project Scope and Budget Agreement authorization, a district must submit a Schematic Design to the MSBA for review. Based on the most recent data and schedules provided to the MSBA by districts, the MSBA anticipates that 12 districts will appear before the Board for Project Scope and Budget Agreement authorization at the upcoming June, August, October and December Board Meetings.

| District                               | School                           | Anticipated PS&B Board Date |
|--|----------------------------------|-----------------------------|
| Blue Hills                             | Blue Hills Regional Technical HS | August 2017                 |
| Cape Cod Regional Vocational Technical | Cape Cod Regional Technical HS   | August 2017                 |
| Clarksburg                             | Clarksburg ES                    | August 2017                 |
| Lexington                              | Maria Hastings ES                | August 2017                 |
| Ipswich                                | Winthrop ES                      | October 2017                |
| Middleboro                             | Middleboro HS                    | October 2017                |
| Westport                               | Westport MS                      | October 2017                |
| Boston                                 | Josiah Quincy Upper School       | December 2017               |
| Attleboro                              | Attleboro HS                     | December 2017               |
| Boston                                 | Boston Arts Academy              | December 2017               |
| Tisbury                                | Tisbury ES                       | December 2017               |
| Worcester                              | South High Community School      | December 2017               |

**COMMISSIONING**

The MSBA assigns a Commissioning Consultant after a district has secured local funding for the Board approved project. Since the last report, the MSBA has assigned Commissioning Consultants to one additional project presented in the table below.

| District | School            | Program | Estimated Const. Cost (million) | Commissioning Consultant | Contract Amount |
|----------|-------------------|---------|---------------------------------|--------------------------|-----------------|
| Millis   | Clyde F. Brown ES | Core    | \$42.6                          | Colliers International   | \$93,446        |

To date, the MSBA has executed 406 Commissioning Consultant contracts, totaling \$28.8 million. To date, 275 contracts have been completed.

The table below represents the status of commissioning assignments sorted by the fiscal year in which the commissioning work orders were issued.

| Fiscal Year  | No. Work Orders Issued | Value of Work Orders Issued | Total Invoiced*     | Percent Complete |
|--------------|------------------------|-----------------------------|---------------------|------------------|
| FY10         | 31                     | \$4,231,376                 | \$4,273,277         | 100%             |
| FY11         | 95                     | \$6,132,890                 | \$6,058,460         | 99%              |
| FY12         | 52                     | \$4,450,761                 | \$4,386,520         | 99%              |
| FY13         | 55                     | \$3,364,697                 | \$3,378,993         | 100%             |
| FY14         | 47                     | \$2,604,062                 | \$2,470,341         | 95%              |
| FY15         | 44                     | \$2,277,711                 | \$1,803,905         | 79%              |
| FY16         | 44                     | \$3,385,137                 | \$1,460,438         | 43%              |
| FY17         | 37                     | \$2,290,661                 | \$343,667           | 15%              |
| FY 18        | 1                      | \$93,446                    | \$0                 | 0%               |
| <b>Total</b> | <b>406</b>             | <b>\$28,830,741</b>         | <b>\$24,175,601</b> |                  |

\*Includes approved additional services over value of Work Order

**DESIGN DEVELOPMENT**

After a district has secured local funding and has entered into a Project Funding Agreement (“PFA”) with the MSBA, the district enters into the Design Development Phase. Currently, there are 33 projects in the Design Development Phase with a total estimated construction cost of approximately \$806 million. Of those 33 projects, 22 are ARP Projects and 11 are Core Program Projects. The 11 Core Program Projects in Design Development have a total estimated construction cost of approximately \$726 million and are listed below.

| Elementary School Districts  | Middle School Districts       | High School Districts                     | Other Grade Configurations |
|--|-------------------------------|---|----------------------------|
| Bourne (3-5)<br>Dedham (PK-K)<br>Hanover (2-4)<br>Narragansett RSD (PK-5)<br>Needham (K-5)<br>Newton (K-5) | Quincy (5-8)<br>Triton (PK-6) | Minuteman RSD (9-12)<br>Somerville (9-12) | Saugus (6-12)              |

**District Design Submittals**

During Design Development, districts submit three design submittals (Design Development, 60% Construction Documents, and 90% Construction Documents) for MSBA review. MSBA staff review documents to ensure the project is still in compliance with the PFA. The chart below indicates the number of submittals received and reviewed by the MSBA to date by type and by fiscal year.

| Fiscal Year   | DD Reviews | 60% Reviews | 90% Reviews | Total Reviews |
|---------------|------------|-------------|-------------|---------------|
| 2010          | 5          | 0           | 0           | 5             |
| 2011          | 21         | 24          | 20          | 65            |
| 2012          | 12         | 24          | 28          | 64            |
| 2013          | 20         | 20          | 19          | 59            |
| 2014          | 15         | 13          | 14          | 42            |
| 2015          | 6          | 12          | 13          | 31            |
| 2016          | 10         | 10          | 8           | 28            |
| 2017          | 11         | 10          | 12          | 33            |
| 2018          | 0          | 1           | 1           | 2             |
| <b>Totals</b> | <b>100</b> | <b>114</b>  | <b>115</b>  | <b>329</b>    |

## **SUMMARY OF BID DATA**

Based on the most recent data and schedules provided by the districts, 12 projects are scheduled to bid in 2017, and five projects are scheduled to bid in 2018.

| Year        | Number of Projects | Design Basis for Enrollment | Project Budget   | Construction Budget |
|-------------|--------------------|-----------------------------|------------------|---------------------|
| 2017        | 12                 | 7,408                       | \$869.61 million | \$683.92 million    |
| 2018        | 5                  | 5,060                       | \$591.93 million | \$467.26 million    |
| Grand Total | 17                 | 12,468                      | \$1.46 billion   | \$1.15 billion      |

*Note: These numbers are based on preliminary information received from the District and are subject to further review and calculation.*

## **CONSTRUCTION**

When a district issues a Notice to Proceed, the project is advanced to the Construction Phase. Currently, there are 70 projects in the Construction Phase with a total estimated construction cost of \$1.29 billion. Of those 70 projects, 51 are ARP Projects, and 19 are Core Program Projects. This does not include the 40 projects that have reached substantial completion and are currently in the Building Complete Phase. The 19 Core Program Projects have a total estimated construction cost of \$1.19 billion and are listed below.

| Elementary School Districts  | Middle and Middle/High School Districts   | High School Districts  | Other Grade Configurations              |
|--|---|--|---|
| Carver (PK-5)<br>Granby (PK-3)<br>Hopkinton (PK-1)<br>New Bedford (PK-5)<br>Westfield* (K-5)<br>Woburn (K-5) | <u>Middle School Districts</u><br>Beverly (5-8)<br>Chelsea (5-8)<br>Scituate (6-8)<br>Westborough (7-8)<br><br><u>Middle/High School Districts</u><br>Boston - Dearborn MS (6-12) | North Middlesex RSD (9-12)<br>Mt. Greylock RSD (9-12)<br>Pittsfield (9-12)<br>Plymouth (9-12)<br>Winchester (9-12)<br>Stoughton (9-12) | Billerica (PK; 8-12)<br>Brookline (K-8) |

*\*Note: Westfield, Abner Gibbs Elementary School, stopped construction in December of 2012 due to a preliminary injunction based upon project site status as Article 97 "Protected Land".*

### **Amendment to the Project Funding Agreement (PFA)**

Upon receipt of construction bids or the execution of a GMP, a district submits the Contractor's Schedule of Values to the MSBA. MSBA staff and the district collaborate to reconcile the actual construction costs against the estimated construction budget and an amendment to the PFA is executed to reflect bid costs. The chart, shown below, is the number of amendments to PFAs, listed by fiscal year.

| Fiscal Year | Total Amendments |
|-------------|------------------|
| FY2012      | 30               |
| FY2013      | 31               |
| FY2014      | 31               |
| FY2015      | 17               |
| FY2016      | 22               |
| FY2017      | 8                |
| FY2018      | 3                |

## Substantial Completion

Ten projects are scheduled to reach Substantial Completion in 2017. They are listed in the table below.

| Project                            | Enrollment | Contractor        | OPM        | Designer                       | Est. Substantial Completion Date | Actual Substantial Completion Date | Est. Actual Difference (days) |
|------------------------------------|------------|-------------------|------------|--------------------------------|----------------------------------|------------------------------------|-------------------------------|
| Plymouth<br>Plymouth South HS      | 1005       | Bacon-Agostini    | Ted Gentry | Ai3                            | 5/26/17                          | 6/2/17                             | 7                             |
| Worcester<br>Nelson Place ES       | 600        | Fontaine Brothers | Tishman    | Lamoureux Pagano               | 5/31/17                          | 5/31/17                            | 0                             |
| Abington<br>Frolio Jr HS           | 870        | Brait Builders    | KBA        | Ai3                            | 6/1/17                           | 5/31/17                            | -1                            |
| Holbrook<br>PreK-12                | 1095       | Consigli          | SMMA       | Flansburgh                     | 6/15/17                          | 6/15/17                            | 0                             |
| North Middlesex<br>Reg. HS         | 1115       | CTA Construction  | Heery      | SMMA                           | 7/14/17*                         |                                    |                               |
| Scituate<br>Gates IS               | 710        | Bacon-Agostini    | Daedalus   | Dore & Whittier                | 7/24/17*                         |                                    |                               |
| New Bedford<br>Hannigan ES         | 400        | H.V. Collins      | Daedalus   | Turowski2 Architecture         | 9/7/17                           |                                    |                               |
| Westborough<br>Sarah W. Gibbons MS | 550        | Gilbane           | Heery      | Habeeb & Associates Architects | 8/25/17                          |                                    |                               |
| Winchester<br>Winchester HS        | 1370       | Consigli          | Skanska    | SMMA                           | 8/31/17                          |                                    |                               |
| Boston<br>Dearborn MS              | 600        | Gilbane           | Daedalus   | Jonathan Levi                  | 12/27/17                         |                                    |                               |

*\*Projects are still in construction and an updated substantial completion date is to be determined.*

For additional information on the construction status for each of these projects, see Appendix C.

# ACCELERATED REPAIR PROGRAM

Currently, there are 255 projects either active or completed in the ARP. The 255 projects are located in 103 districts, many of whom have been invited to ARP multiple times. All new information that has been updated since the last report is italicized.

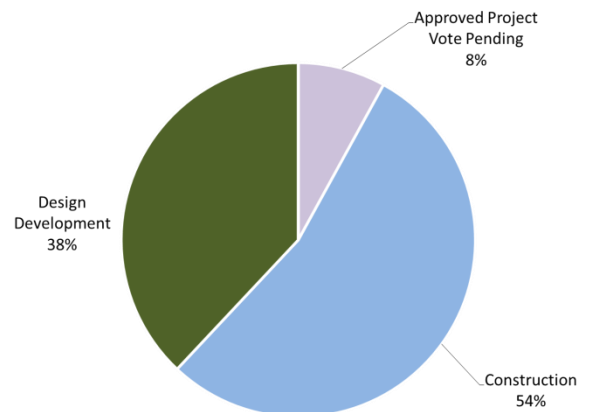
| Repair Program           | Number of Districts | Number of Projects | Total Project Budgets | Maximum Facilities Grants | Number of Projects Final Audit Approved |
|--------------------------|---------------------|--------------------|-----------------------|---------------------------|---|
| <i>2017 Accelerated*</i> | <i>20</i>           | <i>36</i>          | -                     | -                         | <i>0</i>                                |
| 2016 Accelerated         | 28                  | 48                 | \$156,598,234         | \$83,007,586              | 0                                       |
| 2015 Accelerated         | 24                  | 43                 | \$136,680,652         | \$91,974,052              | 0                                       |
| 2014 Accelerated         | 34                  | 47                 | \$108,410,084         | \$65,388,035              | 21                                      |
| 2013 Accelerated         | 25                  | 45                 | \$94,650,790          | \$54,662,711              | 33                                      |
| 2012 Accelerated         | 24                  | 36                 | \$63,009,653          | \$38,267,952              | 36                                      |
| Green                    | 93                  | 189                | \$366,649,226         | \$222,889,218             | 184                                     |

## 2017 Accelerated Repair Program

- *Invitations – 20 districts, representing 36 projects*
  - *Scope includes nine roofs, 23 windows/doors, and 15 boilers*

## 2016 Accelerated Repair Program

- Invitations – 28 districts, representing 49 projects
  - Scope includes 25 roofs, 19 windows/doors, and 13 boilers
- SOI Removal - one project
- Approval for Project Funding Agreement - 22 districts, representing 37 projects
- Total Project Budgets - *\$156,598,234*
- MSBA Total Facilities Grant - *\$83,007,586*
- Two districts, representing two projects, required a schedule extension following PFA approval
- *16 of 23 projects reporting bid within estimated budget*

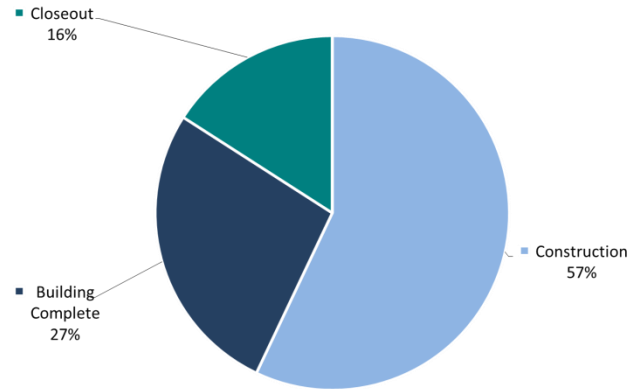


2016 ARP Status Chart



**2015 Accelerated Repair Program**

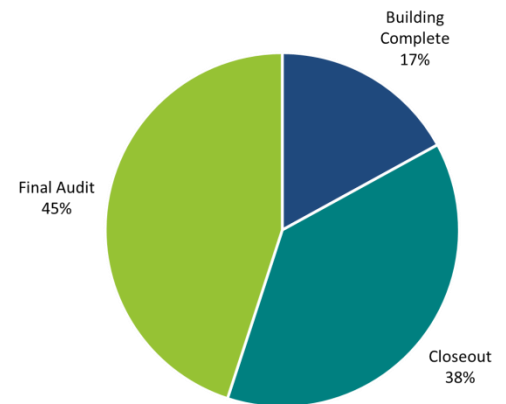
- Invitations – 24 districts, representing 44 projects
  - Scope includes 22 roofs, 26 windows/doors, and nine boilers
- SOI Removal – one project
- Approved for Project Funding Agreements – 24 districts, representing 43 projects
- Total Project Budgets - \$136,680,652
- MSBA Total Facilities Grants - \$91,974,052
- One district, representing one project, required a schedule extension following PFA Approval
- 81% of projects bid within estimated budgets



2015 ARP Status Chart

**2014 Accelerated Repair Program**

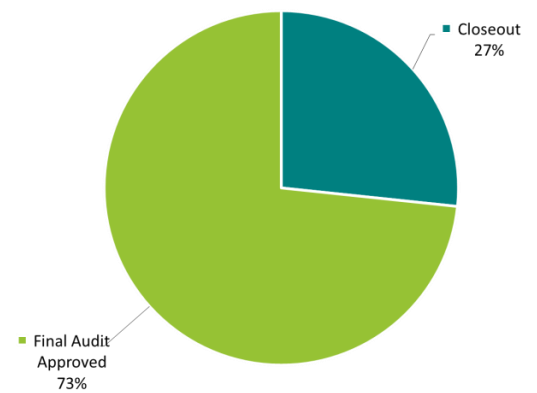
- Invitations – 36 districts, representing 51 projects
- SOI Removal – two districts, representing four projects
- Current 2014 ARP projects – 34 districts, representing 47 projects
  - Scope includes 20 roofs, 25 windows/doors, and 13 boilers
- Approved for Project Funding Agreements – 34 districts, representing 47 projects
- Total Project Budgets - \$108,410,084
- MSBA Total Facilities Grants - \$65,388,035
- Four districts, representing six projects, required schedule extensions following PFA approval
- 85% of projects bid within estimated budget
- 45% of projects have completed Final Audit



2014 ARP Status Chart

**2013 Accelerated Repair Program**

- Invitations – 28 districts, representing 50 projects
- SOI Removals – three districts, representing five projects
- Approved for Project Funding Agreements – 26 districts, representing 47 projects
- Active Projects – 25 districts, representing 45 projects
  - Scope includes 30 roofs, 13 windows/doors, and seven boilers
- Total Project Budgets – \$94,650,790
- MSBA Total Facilities Grants – \$54,662,711
- Four districts, representing seven projects, required schedule extensions following PFA approval
- 82% of projects bid within estimated budget
- 73% of projects have completed Final Audit



2013 ARP Status Chart

## 2012 Accelerated Repair Program

- Approved Project Funding Agreements – 24 districts, representing 36 projects
- Scope includes 21 roofs, 11 windows/doors, and seven boilers
- 100% of projects have completed Final Audit
- Final Costs Submitted: \$47,748,996
- Final MSBA Total Facilities Grant: \$28,518,764

## Status of Green Repair Program

The Green Repair Program resulted in PFA authorizations totaling \$366,647,226 in Total Project Costs and \$222,889,218 in MSBA grants. Of the 189 projects, 184 have been approved for final grant payments. The five projects that were not previously approved for final grant payments are substantially complete and require Final Audit.

## 2016 Accelerated Repair Projects – Construction Estimate vs. 2017-2018

- 16 of 23 reported projects bid within the estimated budget
- 8 of the remaining 25 projects will bid by the end of the September 2017 with an update anticipated at the October 2017 Board of Directors Meeting

| District    | School                           | Scope                              | Project Type | Bid Date | Construction Estimate ** | Bid Amount ** | Variance from Construction Estimate | Reimbursement Rate | Potential Grant Variance * |
|-------------|----------------------------------|------------------------------------|--------------|----------|--------------------------|---------------|-------------------------------------|--------------------|----------------------------|
| Carver      | Carver Middle/High School        | Roof, Partial Windows/Doors Boiler | DBB          | Mar-17   | \$4,735,668              | \$3,770,000   | \$965,668                           | 57.74%             | \$557,577                  |
| Auburn      | Pakachoag                        | Roof                               | DBB          | Mar-17   | \$619,654                | \$566,000     | \$53,654                            | 54.16%             | \$29,059                   |
| Quincy      | Merrymount                       | Partial Boiler                     | DBB          | Mar-17   | \$721,780                | \$728,200     | -\$6,420                            | 66.12%             | \$0                        |
| Quincy      | Wollaston School                 | Partial Boiler                     | DBB          | Mar-17   | \$602,824                | \$614,000     | -\$11,136                           | 66.12%             | \$0                        |
| Quincy      | Atherton Hough                   | Partial Boiler                     | DBB          | Mar-17   | \$692,906                | \$499,800     | \$193,106                           | 66.12%             | \$127,682                  |
| Quincy      | Beechwood Knoll Elementary       | Boiler                             | DBB          | Mar-17   | \$482,967                | \$494,000     | -\$11,033                           | 66.12%             | \$0                        |
| Agawam      | Roberta G. Doering Middle School | Boiler                             | DBB          | Apr-17   | \$689,889                | \$612,868     | \$77,021                            | 56.89%             | \$43,817                   |
| Cambridge   | Fletcher/Maynard Academy         | Roof                               | DBB          | Apr-17   | \$805,564                | \$597,500     | \$208,154                           | 36.99%             | \$76,996                   |
| Worcester   | Belmont Street Community         | Windows/Doors                      | DBB          | Apr-17   | \$3,294,328              | \$3,305,190   | -\$10,862                           | 78.95%             | \$0                        |
| Worcester   | Gerald Creamer Center            | Windows/Doors Partial Boiler       | DBB          | Apr-17   | \$2,528,821              | \$2,203,200   | \$325,621                           | 78.95%             | \$257,078                  |
| Worcester   | Wawecus Road School              | Windows/Doors                      | DBB          | Apr-17   | \$1,702,141              | \$1,755,310   | -\$53,169                           | 78.95%             | \$0                        |
| Worcester   | Chandler Elementary Community    | Windows/Doors Boilers              | DBB          | Apr-17   | \$1,129,282              | \$1,046,800   | \$82,482                            | 78.95%             | \$65,120                   |
| Lawrence    | High School Learning Center      | Boiler                             | DBB          | Apr-17   | \$1,178,258              | \$1,014,500   | \$163,758                           | 80.0%              | \$131,006                  |
| Canton      | Lt Peter M Hansen                | Roof                               | DBB          | May-17   | \$1,415,900              | \$1,276,150   | \$139,750                           | 44.48%             | \$62,16                    |
| Gloucester  | Gloucester High                  | Roof                               | DBB          | May-17   | \$4,229,171              | \$2,496,350   | \$1,732,821                         | 58.19%             | \$1,008,329                |
| Sharon      | Heights Elementary               | Roof                               | DBB          | May-17   | \$1,855,366              | \$1,277,000   | \$578,366                           | 44.68%             | \$258,414                  |
| Boston      | Paul A Dever                     | Roof                               | DBB          | May-17   | \$2,409,686              | \$1,535,022   | \$874,664                           | 65.47%             | \$572,643                  |
| Boston      | John W McCormack                 | Roof                               | DBB          | May-17   | \$2,705,770              | \$1,691,978   | \$1,013,972                         | 65.47%             | \$663,370                  |
| Springfield | Mary M Lynch                     | Roof                               | DBB          | Jun-17   | \$1,706,314              | \$1,094,000   | \$612,314                           | 80.00%             | \$489,851                  |

| District    | School                    | Scope        | Project Type | Bid Date     | Construction Estimate ** | Bid Amount **       | Variance from Construction Estimate | Reimbursement Rate | Potential Grant Variance * |
|-------------|---------------------------|--------------|--------------|--------------|--------------------------|---------------------|-------------------------------------|--------------------|----------------------------|
| Springfield | Kensington Avenue         | Roof         | DBB          | Jun-17       | \$1,142,411              | \$1,151,000         | -\$8,859                            | 80.00%             | \$0                        |
| Northampton | Bridge Street             | Partial Roof | DBB          | Jun-17       | \$1,214,654              | \$969,012           | \$245,642                           | 54.79%             | \$134,587                  |
| Northampton | Leeds                     | Partial Roof | DBB          | Jun-17       | \$1,314,290              | \$1,001,190         | \$313,100                           | 54.79%             | \$171,547                  |
| Springfield | Balliet Elementary School | Roof         | DBB          | Jun-17       | \$1,665,757              | \$1,688,000         | -\$2,243                            | 80.00%             | \$0                        |
|             |                           |              |              | <b>Total</b> | <b>\$38,843,401</b>      | <b>\$31,387,070</b> | <b>\$7,476,371</b>                  |                    | <b>\$4,584,997</b>         |

### Accelerated Repair Projects – Schedule Extension Update

The MSBA has granted districts conditional extensions to their PFAs pending compliance with the following stipulations:

- The district must submit a detailed, revised, construction timeline that explains how the work will be completed at each school; and
- Any costs that are related to a district requesting an extension to the construction schedule will be the sole responsibility of the district and those costs are categorically ineligible for reimbursement by the MSBA.

Schedule delays for these districts can be attributed to local funding issues, lead time for windows, and construction delays on site. In no event have the extended schedules resulted in an increase to the Estimated Maximum Total Facilities Grant, as authorized by the Board.

One of the 43 2015 ARP Projects did not meet its construction completion date in 2016. This Project revised its construction schedule and is scheduled to be completed in 2017. Staff has reported previously on the shaded project listed below. (There is no new activity to report on.)

| District | School                     | Scope              | Original Construction Completion Date | Updated Construction Completion Date | Reason for Schedule Extension   |
|----------|----------------------------|--------------------|---------------------------------------|--------------------------------------|---|
| Quincy   | Beechwood Knoll Elementary | Roof Windows/Doors | 8/23/2016                             | 8/28/2017                            | The District and its consultants have determined that bidding for construction in 2017 would better serve the project budget and existing facilities. |

Four of the 48 2016 ARP Projects revised their construction schedule and are scheduled to be completed in 2018. Staff has reported previously on the shaded projects listed below.

| District         | School                      | Scope  | Original Construction Completion Date | Updated Construction Completion Date | Reason for Schedule Extension  |
|------------------|-----------------------------|--------|---------------------------------------|--------------------------------------|--|
| Dartmouth        | Dartmouth Middle            | Roof   | 8/30/17                               | 8/30/18                              | The District and its consultants have determined that bidding for construction in 2018 would better serve the project budget and existing facilities. Construction in 2018 would also better ensure that all abatement work could occur in an unoccupied building. |
| North Brookfield | North Brookfield Elementary | Roof   | 9/5/17                                | 8/27/18                              | The District and its consultants have determined that bidding for construction in 2018 would better serve the project budget and existing facilities.  |
| Marshfield       | Furnace Brook Middle        | Roof   | 11/13/17                              | 8/31/18                              | The District and its consultants have determined that bidding for construction in 2018 would better serve the existing facilities.   |
| Revere           | Garfield Elementary School  | Boiler | 8/25/17                               | 9/14/18                              | As a result of the initial bids coming in over budget, the District and its consultants have decided to rebid this project. Construction for this project will now take place in 2018.   |

# PROJECT VARIANCES

## Core Program – Total Project Budget Update

Upon receiving the Board’s approval of the Project Scope and Budget, the MSBA and participating districts enter into a Project Funding Agreement, which establishes the Total Project Budget and the Estimated Maximum Total Facilities Grant for an approved project. Staff has reported on budget increases for the 19 projects shaded below at previous Board Meetings. Project information that is new or updated from the last Board Meeting is un-shaded. In no event has the increase in budget resulted in an increase to the Estimated Maximum Total Facilities Grant, as authorized by the Board. Since the last report, no projects have been added to the chart.

| District   | School   | Scope        | Project Funding Agreement |                                | PFA Bid Amendment/<br>Final Audit |                                | Reason for Increase to Total Project Budget  |
|--|--|--------------|---------------------------|--------------------------------|-----------------------------------|--------------------------------|--|
|  |  |              | Total Project Budget      | Total Maximum Facilities Grant | Total Project Budget              | Total Maximum Facilities Grant |  |
| Andover  | Bancroft ES  | New          | \$44,659,837              | \$16,773,753                   | \$50,299,859                      | \$16,575,965                   | The District has appropriated additional funds to cover the costs associated with increased construction costs and additional contingencies for litigation/settlement costs and other ineligible costs.  |
| Berlin-Boylston  | Tahanto Regional HS                                      | New          | \$43,954,901              | \$21,148,751                   | TBD                               | TBD                            | District submitted final project costs that exceeded the total project budget established at bid. Final Costs did not exceed the original total project budget established at Project Funding Agreement.   |
| Burlington   | Marshall Simonds MS                                      | Add/<br>Reno | \$32,865,272              | \$17,143,365                   | \$34,221,929                      | \$15,362,127                   | The District appropriated at its May 2012 annual town meeting through Articles 18: 19, additional funds for the costs associated with the construction of the new field complex and field lighting replacement.  |
| Essex North Shore Agricultural & Technical School District | Essex North Shore Agricultural & Technical HS            | New          | \$125,000,000             | \$77,500,000                   | \$133,770,000                     | \$77,500,000                   | The Board was informed at the March 30, 2011 meeting that the Total Project Budget had increased due to additional ineligible scope that would be funded by DCAM.  |
|  |  |              | \$125,000,000             | \$77,500,000                   | \$134,501,368                     | \$77,500,000                   | The District has appropriated additional funds to cover the costs associated with increased construction costs for horse tack barn renovations.  |
| Greater New Bedford  | Greater New Bedford Vocational and Technical High School | Add/<br>Reno | \$17,099,808              | \$13,543,920                   | \$16,396,429                      | \$12,258,642                   | District submitted final project costs that exceeded the total project budget established at bid. Final Costs did not exceed the original total project budget established at Project Funding Agreement.   |
| Lexington  | Joseph Estabrook ES                                      | New          | \$40,792,248              | \$12,250,739                   | \$43,392,248                      | \$12,148,491                   | The District has executed a GMP that exceeds the Construction Budget of the PFA. The District has appropriated additional funds to cover the costs associated with increased construction costs and additional contingencies.  |
| Newburyport  | Nock/Molin MS  | Add/<br>Reno | \$26,997,326              | \$13,697,934                   | \$28,170,749                      | \$12,520,326                   | The District has received additional funding to cover additional construction change order costs.  |
| North Reading  | North Reading MS/HS                                      | Add/<br>Reno | \$107,727,074             | \$49,323,123                   | \$123,227,074                     | \$49,323,123                   | This is a CMR project. The estimated, reconciled construction costs tracked over budget at DD (\$9,746,655 over), 60% (\$4,655,965 over), and 90% (\$15,136,846 over). A Town override vote in March 2013 obtained an additional \$15,500,000 in local funding to proceed.   |
| Norfolk County Agricultural                                | Norfolk County Agricultural HS                           | Add/<br>Reno | \$28,552,385              | \$15,369,712                   | \$30,589,078                      | \$13,867,050                   | The District has executed a Tender Agreement and Completion Agreement Contract, increasing its Total Project Budget, following the termination of its original construction contract.  |
| Northborough   | Lincoln Street ES  | Add/<br>Reno | \$25,530,553              | \$10,407,408                   | \$25,530,553                      | \$10,407,408                   | The MSBA Board Approved Total Project Budget increased by \$60,400 from \$25,470,153 to \$25,530,553 due to the addition of an alternate, for a new ball field added at the District’s request.  |
| Revere   | Staff Sergeant James J. Hill ES                          | New          | \$45,402,396              | \$29,551,048                   | 45,402,396                        | \$29,551,048                   | At Project Scope and Budget, the Total Project Budget was approved at \$44,382,396. The City of Revere has increased the land acquisition budget. Therefore, the projected total project budget at PFA has increased to \$45,402,396. Note that the MSBA grant has not changed since the Project Scope and Budget Agreement. |
| Salem  | Saltonstall ES   | Repair       | \$15,503,406              | \$11,794,492                   | \$15,752,033                      | \$10,709,091                   | The District has executed a GMP that exceeds the Construction Budget of the PFA. The District has appropriated additional funds to cover the costs associated with increased construction costs and additional contingencies.  |
| Somerville   | East Somerville Community School                         | Add/<br>Reno | \$33,185,258              | \$15,237,996                   | \$38,006,621                      | \$15,237,996                   | At the March 28, 2012 Board Meeting, the Board approved an amendment to the PFA and a \$6.25M District loan.   |
| Sutton   | Sutton MS  | Add/<br>Reno | \$59,945,474              | \$29,843,511                   | \$60,130,536                      | \$27,002,506                   | The District has executed a Tender Agreement and Completion Agreement Contract, increasing its Total Project Budget, following the termination of its original construction contract.  |
| Uxbridge   | Uxbridge HS  | New          | \$43,000,000              | \$22,362,328                   | \$44,986,479                      | \$22,362,328                   | The District has appropriated additional funds to cover the costs associated with the construction of athletic fields originally included in the PFA but which were not included in the bid as the District’s construction contract would have exceeded the budget.  |
| Weston   | Field ES   | New          | \$31,504,146              | \$8,310,510                    | \$32,654,146                      | \$8,105,549                    | District-approved Construction Change Orders exceeded available contingency amount.  |
| Winchester   | Winchester HS  | Add/<br>Reno | \$129,923,146             | \$44,493,270                   | \$131,513,741                     | \$43,100,458                   | The MSBA Board Approved total Project Budget increased due to a construction change order for additional soil abatements at Skillings Field. Note that the increased Total Project Budget will not increase the Maximum Total Facilities Grant.  |

| District | School         | Scope | Project Funding Agreement |                                | PFA Bid Amendment/ Final Audit |                                | Reason for Increase to Total Project Budget   |
|----------|----------------|-------|---------------------------|--------------------------------|--------------------------------|--------------------------------|---|
|          |                |       | Total Project Budget      | Total Maximum Facilities Grant | Total Project Budget           | Total Maximum Facilities Grant |   |
| Winthrop | Winthrop MS/HS | New   | \$81,818,740              | \$42,582,841                   | \$81,432,986                   | \$41,249,005                   | The MSBA Board Approved Total Project Budget increased due to revised FEMA flood plain requirements which necessitated the elevation of the new building to be raised. Note that the increased Total Project Budget will not increase the Maximum Total Facilities Grant.   |
| Woburn   | Wyman-Hurld ES | New   | \$33,705,396              | \$14,387,427                   | TBD*                           | TBD*                           | The District had completed a project review with its Conservation Commission and an Order of Conditions was issued on June 12, 2015. A neighborhood group has appealed this Order and it is now under review by DEP. The District has experienced delays in completing its City Council vote for its appropriation and incurred additional costs. |

\*PFA Bid Amendment has not been developed to calculate a revised Total Facilities Grant amount. The Total Maximum Facilities Grant will not exceed the Board authorized amount in the PFA but, upon review, may decrease.

# APPENDIX A PROJECT STATUS LIST



Date of Report: 7/24/2017

Total Projects: 312

| MSBA ID      | District              | School                                   | Project Phase      | Project Type       | Project Scope         | Procurement Type | OPM  | Designer                              | CM/GC                               | Commissioning Consultant  |
|--------------|-----------------------|--|--------------------|--------------------|-----------------------|------------------|--|---------------------------------------|-------------------------------------|---|
| 200800010405 | Abington              | Frolio Middle School                     | Building Complete  | Core Program       | New Construction      | DBB              | Knight, Bagge & Anderson Inc.              | Ai3 Architects LLC                    | Brait Builders Corp.                | Horizon Engineering Associates, LLP                                 |
| 201606000020 | Acton-Boxborough      | Douglas                                  | Eligibility Period | Core Program       |                       |                  | -  | -                                     | -                                   | -   |
| 201600050303 | Agawam                | Agawam Middle School                     | Construction       | Accelerated Repair | Boiler                |                  | STV   DPM (fka STV Inc.)                   | Hesnor Engineering Company            | -                                   | BVH Integrated Services, P.C.                                       |
| 201500070005 | Amesbury              | Amesbury Elementary                      | OPM Selection      | Core Program       |                       |                  | -  | -                                     | -                                   | -   |
| 201300080050 | Amherst               | Wildwood Elementary                      | Closeout           | Core Program       | New Construction      | CM@R             | NV5 (fka Joslin, Lesser + Associates Inc.) | JCJ Architecture, PC                  | Fontaine Brothers, Inc.             | -   |
| 200800090003 | Andover               | Bancroft Elementary School               | Closeout           | Core Program       | New Construction      | CM@R             | Dore & Whittier Management Partners, Inc.  | Symmes Maini & McKee Associates, Inc. | Skanska USA Building, Inc.          | Sebesta Blomberg & Associates, Inc.                                 |
| 201500100505 | Arlington             | Arlington High                           | Designer Selection | Core Program       |                       |                  | -  | -                                     | -                                   | -   |
| 201700350052 | Boston                | Charles Sumner                           | OPM Selection      | Accelerated Repair | Boiler                |                  | -  | -                                     | -                                   | -   |
| 200906150020 | Athol-Royalston       | Riverbend School                         | Building Complete  | Core Program       | New Construction      | DBB              | Symmes Maini & McKee Associates            | Mount Vernon Group Architects, Inc.   | Fontaine Brothers, Inc.             | Colliers International  |
| 201400160505 | Attleboro             | Attleboro High                           | Feasibility Study  | Core Program       |                       |                  | Skanska USA Building, Inc                  | Kaestle Boos Associates, Inc.         | -                                   | -   |
| 200800170305 | Auburn                | Auburn Middle                            | Building Complete  | Core Program       | New Construction      | CM@R             | Skanska USA Building, Inc                  | Lamoureux Pagano & Associates, Inc.   | Fontaine Brothers, Inc.             | WSP USA   |
| 201400170305 | Auburn                | Auburn Middle                            | Closeout           | Accelerated Repair | Roof, Boiler          |                  | Skanska USA Building, Inc                  | Dietz & Company Architects, Inc.      | -                                   | Horizon Engineering Associates, LLP   Thompson & Lichtner Co., Inc. |
| 201600170015 | Auburn                | Pakachoag                                | Construction       | Accelerated Repair | Roof                  |                  | Hill International Company                 | CGKV Architects, Inc.                 | -                                   | Thompson & Lichtner Co., Inc.                                       |
| 200806160505 | Ayer-Shirley          | Ayer-Shirley Regional Middle/High School | Closeout           | Core Program       | Addition / Renovation | CM@R             | Dore & Whittier Management Partners, Inc.  | Symmes Maini & McKee Associates, Inc. | Consigli Construction Company, Inc. | WSP USA   |
| 201500260505 | Belmont               | Belmont High                             | Feasibility Study  | Core Program       |                       |                  | Daedalus Projects Inc                      | -                                     | -                                   | -   |
| 200806200505 | Berlin-Boylston       | School                                   | Closeout           | Core Program       | New Construction      | DBB              | PMA Construction Services                  | HMHF Architects, Inc.                 | CTA Construction Co., Inc.          | Colliers International  |
| 201300300305 | Beverly               | Briscoe Middle                           | Construction       | Core Program       | New Construction      | CM@R             | HEERY                                      | Ai3 Architects LLC                    | Construction Joint Venture          | Consulting Engineers,   |
| 201300310505 | Billerica             | School                                   | Construction       | Core Program       | New Construction      | CM@R             | Leftfield, LLC                             | Perkins+Will                          | Construction                        | RDK Engineers   |
| 201508050605 | Blackstone Valley Reg | Blackstone Valley                        | Closeout           | Accelerated Repair | Roof                  |                  | Watermark Environmental, Inc.              | Russo Barr Associates, Inc.           | Siltown Roofing                     | Gale Associates, Inc.   |
| 201700350141 | Boston                | Hugh Roe O'Donnell                       | OPM Selection      | Accelerated Repair | Boiler                |                  | -  | -                                     | -                                   | -   |
| 201306220010 | Blackstone-Millville  | Millville Elem                           | Closeout           | Accelerated Repair | Roof                  | DBB              | Pinck & Co., Inc.                          | CBI Consulting Inc.                   | MDM Engineering                     | Simpson Gumpertz & Heger Inc.                                       |
| 201508060605 | Blue Hills Voc        | Blue Hills Reg Voc Tech                  | Schematic Design   | Core Program       | Addition / Renovation |                  | Dore & Whittier Management Partners, Inc.  | Drumme Rosane Anderson, Inc.          | -                                   | -   |
| 201300350546 | Boston                | Boston Arts Academy                      | Schematic Design   | Core Program       | New Construction      |                  | PMA Construction Services                  | Perkins Eastman/DPC                   | -                                   | -   |
| 201600350560 | Boston                | Boston Latin                             | Construction       | Accelerated Repair | Boiler                |                  | NV5 (fka Joslin, Lesser + Associates Inc.) | ICON architecture, inc.               | -                                   | Rist-Frost-Shumway Engineering, P.C.                                |
| 201500350052 | Boston                | Charles Sumner                           | Construction       | Accelerated Repair | Windows / Doors       |                  | P3 Inc.                                    | Dietz & Company Architects, Inc.      | Lambrian Construction Corp.         | Simpson Gumpertz & Heger Inc.                                       |
| 201500350020 | Boston                | Curley K-8 School                        | Construction       | Accelerated Repair | Windows / Doors       |                  | P3 Inc.                                    | Dietz & Company Architects, Inc.      | GVW, Inc.                           | Simpson Gumpertz & Heger Inc.                                       |
| 201500350072 | Boston                | David A Ellis                            | Construction       | Accelerated Repair | Windows / Doors       |                  | P3 Inc.                                    | Dietz & Company Architects, Inc.      | GVW, Inc.                           | Simpson Gumpertz & Heger Inc.                                       |
| 201500350080 | Boston                | Donald Mckay                             | Construction       | Accelerated Repair | Windows / Doors       |                  | P3 Inc.                                    | Dietz & Company Architects, Inc.      | Paul J. Rogan Co., Inc.             | Simpson Gumpertz & Heger Inc.                                       |
| 201500350651 | Boston                | Dorchester Academy                       | Construction       | Accelerated Repair | Windows / Doors       |                  | P3 Inc.                                    | Architects, Inc.                      | Corp.                               | Heger Inc.  |
| 201500350415 | Boston                | Grover Cleveland                         | Construction       | Accelerated Repair | Windows / Doors       |                  | P3 Inc.                                    | Dietz & Company Architects, Inc.      | Paul J. Rogan Co., Inc.             | Simpson Gumpertz & Heger Inc.                                       |



|              |                          |                              |                                  |                    |                               |      |  |                                  |                                 |  |
|--------------|--------------------------|------------------------------|----------------------------------|--------------------|-------------------------------|------|--|----------------------------------|---------------------------------|--|
| 201000350074 | Boston                   | Henry Dearborn Middle School | Construction                     | Core Program       | New Construction              | CM@R | Daedalus Projects Inc                      | Jonathan Levi Architects LLC     | Gilbane Building Company        | Symmes, Maini & McKee Associates       |
| 201600350146 | Boston                   | James Condon Elem            | Construction                     | Accelerated Repair | Boiler                        |      | NV5 (fka Joslin, Lesser + Associates Inc.) | ICON architecture, inc.          | -                               | Rist-Frost-Shumway Engineering, P.C.   |
| 201700350178 | Boston                   | John Marshall                | OPM Selection                    | Accelerated Repair | Windows / Doors               |      | -  | -                                | -                               | -                                      |
| 201600350179 | Boston                   | John W McCormack             | Construction                     | Accelerated Repair | Roof                          |      | Associates Inc.)                           | ICON architecture, inc.          | -                               | Heger Inc.                             |
| 201700350229 | Boston                   | Maurice J Tobin              | OPM Selection                    | Accelerated Repair | Boiler                        |      | -  | -                                | -                               | -                                      |
| 201600350268 | Boston                   | Paul A Dever                 | Construction                     | Accelerated Repair | Roof                          |      | NV5 (fka Joslin, Lesser + Associates Inc.) | ICON architecture, inc.          | -                               | Simpson Gumpertz & Heger Inc.          |
| 201000350565 | Boston                   | Quincy Upper School          | Schematic Design                 | Core Program       |                               |      | Skanska USA Building, Inc                  | HMFH Architects, Inc.            | -                               | -                                      |
| 201700350366 | Boston                   | William E Russell            | OPM Selection                    | Accelerated Repair | Roof                          |      | -  | -                                | -                               | -                                      |
| 201600350360 | Boston                   | William Ellery Channing      | Construction                     | Accelerated Repair | Boiler                        |      | NV5 (fka Joslin, Lesser + Associates Inc.) | ICON architecture, inc.          | -                               | Rist-Frost-Shumway Engineering, P.C.   |
| 201500350380 | Boston                   | Young Achievers              | Construction                     | Accelerated Repair | Windows / Doors               |      | P3 Inc.                                    | Architects, Inc.                 | Corporations                    | Heger Inc.                             |
| 201700350485 | Boston                   | James P Timilty Middle       | OPM Selection                    | Accelerated Repair | Boiler                        |      | -  | -                                | -                               | -                                      |
| 201700350530 | Boston                   | East Boston High             | OPM Selection                    | Accelerated Repair | Boiler                        |      | -  | -                                | -                               | -                                      |
| 201700830005 | East Bridgewater         | Central                      | OPM Selection                    | Accelerated Repair | Boiler                        |      | -  | -                                | -                               | -                                      |
| 201700870013 | East Longmeadow          | Meadow Brook                 | OPM Selection                    | Accelerated Repair | Windows / Doors               |      | -  | -                                | -                               | -                                      |
| 201400360010 | Bourne                   | James F Peebles Elem         | Design Development               | Core Program       | New Construction              | DBB  | Symmes Maini & McKee Associates, Inc.      | Flansburgh Associates, Inc.      | -                               | BVH Integrated Services, P.C.          |
| 201600380013 | Boxford                  | Spofford Pond                | Construction                     | Accelerated Repair | Doors                         |      | Project Managers, Inc.                     | Russo Barr Associates, Inc.      | Greenwood Industries, Inc.      | CBI Consulting Inc.                    |
| 201300400305 | Braintree                | East Middle School           | Approved Project<br>Vote Pending | Core Program       |                               |      | Hill International Company                 | Miller Dyer Spears Inc.          | -                               | -                                      |
| 201600400310 | Braintree                | South Middle School          | Eligibility Period               | Core Program       |                               |      | -  | -                                | -                               | -                                      |
| 201606250002 | Bridgewater-Raynham      | Mitchell Elementary School   | Eligibility Period               | Core Program       |                               |      | -  | -                                | -                               | -                                      |
| 201409100705 | Bristol County Agr       | Bristol County Agr High      | Feasibility Study                | Core Program       |                               |      | Colliers International                     | HMFH Architects, Inc.            | -                               | -                                      |
| 201400440421 | Brockton                 | Ashfield Middle School       | Building Complete                | Accelerated Repair | Roof, Boiler                  |      | Architectural Consulting Group, LLC        | Tighe & Bond, Inc.               | -                               | Engineering, P.C.   Simpson Gumpertz & |
| 201400440080 | Brockton                 | Barrett Russell School       | Closeout                         | Accelerated Repair | Windows / Doors               |      | Group, LLC                                 | Tighe & Bond, Inc.               | Metal, LLC                      | Heger Inc.                             |
| 201400440010 | Brockton                 | Brookfield                   | Building Complete                | Accelerated Repair | Roof                          |      | Architectural Consulting Group, LLC        | Tighe & Bond, Inc.               | -                               | Simpson Gumpertz & Heger Inc.          |
| 201400440035 | Brockton                 | Gilmore                      | Building Complete                | Accelerated Repair | Roof, Boiler                  |      | Group, LLC                                 | Tighe & Bond, Inc.               | -                               | Engineering, P.C.                      |
| 201100460015 | Brookline                | Edward Devotion              | Construction                     | Core Program       | Addition / Renovation         | CM@R | -  | HMFH Architects, Inc.            | Shawmut Design and Construction | Consulting Engineering Services, LLC   |
| 201500490090 | Cambridge                | Fletcher/Maynard Academy     | Building Complete                | Accelerated Repair | Boiler                        |      | Skanska USA Building, Inc                  | TSKP Studio, LLC                 | CAM HVAC & Construction, Inc.   | Fitzemeyer & Tocci Associates, Inc.    |
| 201600490090 | Cambridge                | Fletcher/Maynard Academy     | Construction                     | Accelerated Repair | Roof                          |      | Arcadis U.S., Inc.                         | HAKS Engineers, P.C.             | -                               | Gale Associates, Inc.                  |
| 201500490040 | Cambridge                | Kennedy-Longfellow           | Building Complete                | Accelerated Repair | Roof                          |      | Skanska USA Building, Inc                  | TSKP Studio, LLC                 | Greenwood Industries, Inc.      | Thompson & Lichtner Co., Inc.          |
| 201600500012 | Canton                   | Lt Peter M Hansen            | Construction                     | Accelerated Repair | Roof                          |      | Watermark Environmental, Inc.              | Kaestle Boos Associates, Inc.    | -                               | Simpson Gumpertz & Heger Inc.          |
| 201408150605 | Cape Cod Region Voc Tech | Cape Cod Region Voc Tech     | Schematic Design                 | Core Program       |                               |      | Colliers International                     | Drumrey Rosane Anderson, Inc.    | -                               | -                                      |
| 201300520015 | Carver                   | Carver Elementary School     | Construction                     | Core Program       | New Construction              |      | PMA Construction Services                  | HMFH Architects, Inc.            | CTA Construction Co., Inc.      | Symmes, Maini & McKee Associates       |
| 201600520405 | Carver                   | Carver Middle/High School    | Construction                     | Accelerated Repair | Roof, Windows / Doors, Boiler |      | Leftfield, LLC                             | Johnson Roberts Associates, Inc. | J.J. Cardosi, Inc.              | Symmes, Maini & McKee Associates       |
| 201506350505 | Central Berkshire        | Wahconah Regional High       | OPM Selection                    | Core Program       |                               |      | -  | -                                | -                               | -                                      |
| 200800570050 | Chelsea                  | Clark Avenue School          | Construction                     | Core Program       | New Construction              | CM@R | Pinck & Co., Inc.                          | HMFH Architects, Inc.            | W. T. Rich Company Inc.         | Cannon Design                          |





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| 201500610010 | Chicopee        | Belcher                       | Building Complete  | Accelerated Repair | Roof                            |      | NV5 (fka Joslin, Lesser + Associates Inc.) | Kaestle Boos Associates, Inc.        | J.D. Rivet & Co., Inc.                     | Building Enclosure Associates, LLC   |
| 201600610015 | Chicopee        | Bowe                          | Design Development | Accelerated Repair | Windows / Doors                 |      | Compass Project Management, Inc.           | Turowski2 Architecture, Inc.         | -  | Thompson & Lichtner Co., Inc.        |
| 200900610021 | Chicopee        | Chicopee Academy              | Closeout           | Core Program       | Renovation                      | DBB  | Arcadis U.S., Inc.                         | Caolo & Bieniek Associates, Inc.     | Fontaine Brothers, Inc.                    | Symmes, Maini & McKee Associates     |
| 201500610310 | Chicopee        | Fairview Middle               | Building Complete  | Accelerated Repair | Roof                            |      | Associates Inc.)                           | Inc.                                 | J.D. Rivet & Co., Inc.                     | Associates, LLC                      |
| 201600610050 | Chicopee        | Selser                        | Design Development | Accelerated Repair | Roof                            |      | Compass Project Management, Inc.           | Turowski2 Architecture, Inc.         | -  | Thompson & Lichtner Co., Inc.        |
| 201400630010 | Clarksburg      | Clarksburg Elementary         | Schematic Design   | Core Program       | Addition / Renovation           |      | PCA 360                                    | Jones Whitsett Architects, Inc.      | -  | -                                    |
| 201500710032 | Danvers         | Ivan G Smith                  | Designer Selection | Core Program       |                                 |      | PMA Construction Services                  | -                                    | -  | -                                    |
| 201600720050 | Dartmouth       | Dartmouth Middle              | Design Development | Accelerated Repair | Roof                            |      | Atlantic Construction and Management, Inc. | CSS Architects Incorporated          | -  | CBI Consulting Inc.                  |
| 201200730005 | Dedham          | Early Childhood Center        | Design Development | Core Program       | New Construction                | DBB  | Construction Monitoring Services, Inc.     | Knight, Bagge & Anderson, Inc.       | C.J. Marbardy, Inc.                        | Symmes, Maini & McKee Associates     |
| 201500740015 | Deerfield       | Deerfield Elem                | Closeout           | Accelerated Repair | Roof                            |      | Pinck & Co., Inc.                          | Raymond Design Associates, Inc.      | MDM Engineering                            | Russo Barr Associates, Inc.          |
| 201506450305 | Dennis-Yarmouth | Mattacheese Middle Sch        | Feasibility Study  | Core Program       |                                 |      | -  | Perkins Eastman/DPC                  | -  | -                                    |
| 200800790505 | Dracut          | Dracut Senior High School     | Closeout           | Core Program       | Addition / Renovation           | DBB  | Hill International Company                 | Mount Vernon Group Architects, Inc.  | CTA Construction Co., Inc.                 | RDK Engineers                        |
| 201700950140 | Fall River      | James Tansey                  | OPM Selection      | Accelerated Repair | Windows / Doors, Boiler         |      | -  | -                                    | -  | -                                    |
| 201700950145 | Fall River      | Samuel Watson                 | OPM Selection      | Accelerated Repair | Roof, Windows / Doors, Boiler   |      | -  | -                                    | -  | -                                    |
| 201400860010 | Easthampton     | Maple                         | Feasibility Study  | Core Program       |                                 |      | Colliers International                     | Associates, Inc.                     | -  | -                                    |
| 201600880003 | Easton          | Center School                 | Eligibility Period | Core Program       |                                 |      | -  | -                                    | -  | -                                    |
| 201400930028 | Everett         | George Keverian School        | Feasibility Study  | Core Program       |                                 |      | Symmes Maini & McKee Associates, Inc.      | Mount Vernon Group Architects, Inc.  | -  | -                                    |
| 201500940305 | Fairhaven       | Hastings Middle               | Closeout           | Accelerated Repair | Roof                            |      | PCA 360                                    | CGKV Architects, Inc.                | Inc.                                       | Gale Associates, Inc.                |
| 201400950505 | Fall River      | B M C Durfee High             | Feasibility Study  | Core Program       |                                 |      | Leftfield, LLC                             | Ai3 Architects LLC                   | -  | -                                    |
| 201701100030 | Grafton         | North St Elementary School    | OPM Selection      | Accelerated Repair | Windows / Doors                 |      | -  | -                                    | -  | -                                    |
| 201701370025 | Holyoke         | Morgan Elem                   | OPM Selection      | Accelerated Repair | Windows / Doors                 |      | -  | -                                    | -  | -                                    |
| 201400960405 | Falmouth        | Lawrence                      | Closeout           | Accelerated Repair | Windows / Doors                 |      | PMA Construction Services                  | Civictects PC                        | GVW, Inc.                                  | Gale Associates, Inc.                |
| 201600970016 | Fitchburg       | Crocker Elementary            | Eligibility Period | Core Program       |                                 |      | -  | -                                    | -  | -                                    |
| 201500990015 | Foxborough      | Mabelle M Burrell             | Designer Selection | Core Program       |                                 |      | Colliers International                     | Inc.                                 | -  | -                                    |
| 201501000305 | Framingham      | Fuller Middle                 | Designer Selection | Core Program       |                                 |      | -  | -                                    | -  | -                                    |
| 200901010505 | Franklin        | Franklin High School          | Closeout           | Core Program       | New Construction - Model School | DBB  | Daedalus Projects Inc                      | Ai3 Architects LLC                   | Bacon-Agostini Construction Joint Venture  | Consulting Engineering Services, LLC |
| 201408180605 | Franklin County | Franklin County Tech          | Closeout           | Accelerated Repair | Windows / Doors                 |      | Colliers International                     | Habeeb & Associates Architects, Inc. | Gardner Construction & Industrial Services | CBI Consulting Inc.                  |
| 201401030001 | Gardner         | Elm Street School             | Closeout           | Accelerated Repair | Boiler                          |      | Hill International Company                 | ICON architecture, inc.              | Corporations                               | Associates, Inc.                     |
| 201601030020 | Gardner         | Waterford Street              | Eligibility Period | Core Program       |                                 |      | -  | -                                    | -  | -                                    |
| 200901050010 | Georgetown      | Penn Brook Elementary School  | Building Complete  | Core Program       | New Construction                | DBB  | Municipal Building Consultants, Inc.       | Drumney Rosane Anderson, Inc.        | Brait Builders Corp.                       | Rist-Frost-Shumway Engineering, P.C. |
| 201406740050 | Gill-Montague   | Sheffield Elementary          | Closeout           | Accelerated Repair | Boiler                          |      | Project Managers, Inc.                     | The S/L/A/M Collaborative            | Industrial Services                        | CBI Consulting Inc.                  |
| 201601070020 | Gloucester      | East Gloucester Elem          | Eligibility Period | Core Program       |                                 |      | -  | -                                    | -  | -                                    |
| 201601070505 | Gloucester      | Gloucester High               | Construction       | Accelerated Repair | Roof                            |      | P3 Inc.                                    | Baker/Wohl Architects, Inc.          | -  | CBI Consulting Inc.                  |
| 200901070050 | Gloucester      | West Parish Elementary School | Building Complete  | Core Program       | New Construction                | CM@R | Knight, Bagge & Anderson Inc.              | Dore & Whittier Architects, Inc.     | W. T. Rich Company Inc.                    | Fitzmeyer & Tocci Associates, Inc.   |
| 201701370055 | Holyoke         | Lt Clayre Sullivan Elem       | OPM Selection      | Accelerated Repair | Windows / Doors                 |      | -  | -                                    | -  | -                                    |
| 201201110010 | Granby          | West St                       | Construction       | Core Program       | Addition / Renovation           |      | Colliers International                     | Jones Whitsett Architects, Inc.      | Fontaine Brothers, Inc.                    | Rist-Frost-Shumway Engineering, P.C. |



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|---------------|------------------------|---|--------------------|------------------------|---------------------------------|------|--|--------------------------------------|--|---|
| 200908280605  | Greater Lowell Voc Tec | Greater Lowell Regional Technical High School | Closeout           | Core Program           | Addition / Renovation           | CM@R | NV5 (fka Joslin, Lesser + Associates Inc.) | Knight, Bagge & Anderson, Inc.       | Consigli Construction Company, Inc.      | Horizon Engineering Associates, LLP         |
| 201501140010  | Greenfield             | Federal                                       | Construction       | Accelerated Repair     | Doors, Boiler                   |      | -  | -                                    | -  | Colliers International                      |
| 201401140030  | Greenfield             | Green River                                   | Closeout           | Accelerated Repair     | Roof, Windows / Doors, Boiler   |      | Arcadis U.S., Inc.                         | Baker/Wohl Architects, Inc.          | RAC Builders, Inc.                       | CBI Consulting Inc.                         |
| 200901140505  | Greenfield             | Greenfield High School                        | Closeout           | Core Program           | New Construction                | CM@R | Construction Monitoring Services, Inc.     | Dore & Whittier Architects, Inc.     | Shawmut Design and Construction          | BVH Integrated Services, P.C.               |
| 201601180005  | Halifax                | Halifax Elementary                            | Construction       | Accelerated Repair     | Roof, Windows / Doors           |      | Vertex Construction Services               | Habeeb & Associates Architects, Inc. | -  | Russo Barr Associates, Inc.                 |
| 201301220015  | Hanover                | Sylvester                                     | Design Development | Core Program           | Addition / Renovation           |      | P3 Inc.                                    | Mount Vernon Group Architects, Inc.  | -  | Horizon Engineering Associates, LLP         |
| 201501250005  | Harvard                | Harvard Elementary                            | Feasibility Study  | Core Program           |                                 |      | NV5 (fka Joslin, Lesser + Associates Inc.) | Arrowstreet Inc.                     | -  | -   |
| 201201280035  | Haverhill              | Caleb Dustin Hunking                          | Building Complete  | Core Program           | New Construction                | CM@R | NV5 (fka Joslin, Lesser + Associates Inc.) | JCJ Architecture, PC                 | Shawmut Design and Construction          | Colliers International                      |
| 201101280100G | Haverhill              | Consentino                                    | Closeout           | Green Repair           | Windows / Doors                 | DBB  | Vertex Construction Services               | CSS Architects Incorporated          | New England Builders & Contractors, Inc. | RDk Engineers   Russo Barr Associates, Inc. |
| 201101280085G | Haverhill              | John G Whittier                               | Closeout           | Green Repair           | Windows / Doors                 | DBB  | Vertex Construction Services               | CSS Architects Incorporated          | New England Builders & Contractors, Inc. | Russo Barr Associates, Inc.                 |
| 201101280075G | Haverhill              | Tilton  | Closeout           | Green Repair           | Roof                            | DBB  | Vertex Construction Services               | CSS Architects Incorporated          | Titan Roofing, Inc.                      | Russo Barr Associates, Inc.                 |
| 201101280080G | Haverhill              | Walnut Square                                 | Closeout           | Green Repair           | Roof, Windows / Doors           | DBB  | Vertex Construction Services               | CSS Architects Incorporated          | Titan Roofing, Inc.                      | RDk Engineers   Russo Barr Associates, Inc. |
| 201001310410  | Hingham                | Hingham Middle School                         | Closeout           | Core Program           | New Construction - Model School | DBB  | Knight, Bagge & Anderson Inc.              | Ai3 Architects LLC                   | Brait Builders Corp.                     | Foreman Building Commissioning, LP          |
| 200801330505  | Holbrook               | Holbrook Junior-Senior High School            | Building Complete  | Core Program           | New Construction                | CM@R | Symmes Maini & McKee Associates, Inc.      | Flansburgh Associates, Inc.          | Consigli Construction Company, Inc.      | Consulting Engineering Services, LLC        |
| 201701490008  | Lawrence               | Arlington Elementary School                   | OPM Selection      | Accelerated Repair     | Roof, Boiler                    |      | -  | -                                    | -  | -   |
| 201701490537  | Lawrence               | School for Exceptional Studies                | OPM Selection      | Accelerated Repair     | Roof                            |      | -  | -                                    | -  | -   |
| 201401370045  | Holyoke                | E N White Elem                                | Building Complete  | Accelerated Repair     | Boiler                          |      | STV   DPM (fka STV Inc.)                   | Richard D. Kimball Company, Inc.     | Adams Plumbing and Heating, Inc.         | BVH Integrated Services, P.C.               |
| 201701370010  | Holyoke                | Lawrence Elem                                 | OPM Selection      | Core Program           |                                 |      | -  | -                                    | -  | -   |
| 201401370025  | Holyoke                | Morgan Elem                                   | Building Complete  | Accelerated Repair     | Boiler                          |      | STV   DPM (fka STV Inc.)                   | Richard D. Kimball Company, Inc.     | Adams Plumbing and Heating, Inc.         | BVH Integrated Services, P.C.               |
| 201201370605  | Holyoke                | Wm J Dean Voc Tech High                       | Closeout           | Science Lab Initiative | Addition / Renovation           | DBB  | Skanska USA Building, Inc                  | Kaestle Boos Associates, Inc.        | RAC Builders, Inc.                       | BVH Integrated Services, P.C.               |
| 201301390005  | Hopkinton              | Center  | Construction       | Core Program           | New Construction                | CM@R | Compass Project Management, Inc.           | Drumrey Rosane Anderson, Inc.        | Colantonio, Inc.                         | RDk Engineers                               |
| 200801410410  | Hudson                 | School  | Closeout           | Core Program           | New Construction                | DBB  | PMA Construction Services                  | OMR Architects, Inc.                 | Construction Joint Venture               | WSP USA                                     |
| 201401410007  | Hudson                 | Mulready Elementary                           | Closeout           | Accelerated Repair     | Roof                            |      | Atlantic Construction and Management, Inc. | Raymond Design Associates, Inc.      | Capeway Roofing Systems, Inc.            | CBI Consulting Inc.                         |
| 201401440015  | Ipswich                | Winthrop                                      | Schematic Design   | Core Program           |                                 |      | PMA Construction Services                  | Perkins Eastman/DPC                  | -  | -   |
| 201701630055  | Lynn                   | Hood  | OPM Selection      | Accelerated Repair     | Roof, Windows / Doors           |      | -  | -                                    | -  | -   |
| 201601490050  | Lawrence               | Henry K Oliver                                | Eligibility Period | Core Program           |                                 |      | -  | -                                    | -  | -   |
| 201601490536  | Lawrence               | High School Learning Center                   | Construction       | Accelerated Repair     | Boiler                          |      | Pinck & Co., Inc.                          | Shekar & Associates, Inc.            | CAM HVAC & Construction, Inc.            | Fitzemeyer & Tocci Associates, Inc.         |
| 201701670505  | Mansfield              | Mansfield High                                | OPM Selection      | Accelerated Repair     | Windows / Doors                 |      | -  | -                                    | -  | -   |
| 201501510505  | Leicester              | Leicester High                                | Building Complete  | Accelerated Repair     | Roof                            |      | Hill International Company                 | Gale Associates, Inc.                | Greenwood Industries, Inc.               | Russo Barr Associates, Inc.                 |
| 201601510015  | Leicester              | Leicester Middle                              | Eligibility Period | Core Program           |                                 |      | -  | -                                    | -  | -   |
| 201501530025  | Leominster             | Johnny Appleseed                              | Construction       | Accelerated Repair     | Roof, Windows / Doors           |      | NETCO Construction Project Managers, Inc.  | Habeeb & Associates Architects, Inc. | GVW, Inc.                                | Russo Barr Associates, Inc.                 |
| 201501550035  | Lexington              | Maria Hastings                                | Schematic Design   | Core Program           | New Construction                |      | Dore & Whittier Management Partners, Inc.  | DiNisco Design, Inc.                 | -  | -   |



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| 201401600505 | Lowell                    | Lowell High                     | Feasibility Study             | Core Program       |                                 |      | Skanska USA Building, Inc                  | Perkins Eastman/DPC                   | -                                | -                                    |
| 201501610020 | Ludlow                    | School                          | Feasibility Study             | Core Program       |                                 |      | STV   DPM (fka STV Inc.)                   | -                                     | -                                | -                                    |
| 201501610010 | Ludlow                    | East Street Elementary School   | Building Complete             | Accelerated Repair | Roof, Boiler                    |      | STV   DPM (fka STV Inc.)                   | Johnson Roberts Associates, Inc.      | Westfield Construction Co., Inc. | Colliers International               |
| 201001620505 | Lunenburg                 | Lunenburg High School           | Building Complete             | Core Program       | New Construction                | CM@R | NV5 (fka Joslin, Lesser + Associates Inc.) | Tappe Associates, Inc.                | Shawmut Design and Construction  | Cannon Design                        |
| 201401630045 | Lynn                      | E J Harrington                  | Closeout                      | Accelerated Repair | Roof                            |      | NETCO Construction Project Managers, Inc.  | Habeeb & Associates Architects, Inc.  | Capeway Roofing Systems, Inc.    | CBI Consulting Inc.                  |
| 201702010015 | New Bedford               | Elizabeth Carter Brooks         | OPM Selection                 | Accelerated Repair | Windows / Doors, Boiler         |      | -  | -                                     | -                                | -                                    |
| 201401630420 | Lynn                      | Pickering Middle                | Closeout                      | Core Program       |                                 |      | Leftfield, LLC                             | Raymond Design Associates, Inc.       | -                                | -                                    |
| 200901630305 | Lynn                      | Thurgood Marshall Middle School | Closeout                      | Core Program       | New Construction                | CM@R | NV5 (fka Joslin, Lesser + Associates Inc.) | Raymond Design Associates, Inc.       | Walsh Brothers, Inc.             | Rist-Frost-Shumway Engineering, P.C. |
| 201506980010 | Manchester Essex Regional | Manchester Memorial Elementary  | Designer Selection            | Core Program       |                                 |      | Dore & Whittier Management Partners, Inc.  | -                                     | -                                | -                                    |
| 201702180010 | Norton                    | L G Nourse Elementary           | OPM Selection                 | Accelerated Repair | Windows / Doors                 |      | -  | -                                     | -                                | -                                    |
| 201501680015 | Marblehead                | Elbridge Gerry                  | Designer Selection            | Core Program       |                                 |      | Leftfield, LLC                             | -                                     | -                                | -                                    |
| 201501700025 | Marlborough               | Richer                          | Feasibility Study             | Core Program       |                                 |      | Daedalus Projects Inc                      | Lamoureux Pagano & Associates, Inc.   | -                                | -                                    |
| 201601710310 | Marshfield                | Furnace Brook Middle            | Design Development            | Accelerated Repair | Roof                            |      | PCA 360                                    | Civitects PC                          | -                                | Russo Barr Associates, Inc.          |
| 201101710505 | Marshfield                | Marshfield High                 | Closeout                      | Core Program       | Model School                    | DBB  | Management, Inc.                           | Ai3 Architects LLC                    | Brait Builders Ventures          | Associates, Inc.                     |
| 201601720035 | Mashpee                   | Quashnet School                 | Design Development            | Accelerated Repair | Windows / Doors                 |      | exPERTcon, Inc.                            | Associates, Inc.                      | -                                | CBI Consulting Inc.                  |
| 201401750007 | Medfield                  | Ralph Wheelock School           | Building Complete             | Accelerated Repair | Boiler                          |      | -  | -                                     | Performance Plumbing and Heating | RDK Engineers                        |
| 201301760505 | Medford                   | Medford High                    | Closeout                      | Accelerated Repair | Windows / Doors, Boiler         | DBB  | Architectural Consulting Group, LLC        | Dietz & Company Architects, Inc.      | NB Kenney Company, Inc           | Symmes, Maini & McKee Associates     |
| 201401780017 | Melrose                   | Herbert Clark Hoover            | Closeout                      | Accelerated Repair | Windows / Doors                 |      | Colliers International                     | ICON architecture, inc.               | GVW, Inc.                        | Simpson Gumpertz & Heger Inc.        |
| 201501820011 | Middleborough             | Memorial Early Childhood Center | Closeout                      | Accelerated Repair | Roof                            |      | Architectural Consulting Group, LLC        | Knight, Bagge & Anderson, Inc.        | MDM Engineering                  | Russo Barr Associates, Inc.          |
| 201401820505 | Middleborough             | Middleborough High              | Schematic Design              | Core Program       |                                 |      | Compass Project Management, Inc.           | Drummey Rosane Anderson, Inc.         | -                                | -                                    |
| 201101850090 | Milford                   | Woodland                        | Building Complete             | Core Program       | New Construction                | CM@R | NV5 (fka Joslin, Lesser + Associates Inc.) | HMFH Architects, Inc.                 | Shawmut Design and Construction  | Consulting Engineering Services, LLC |
| 201601860025 | Millbury                  | Raymond E. Shaw Elementary      | Eligibility Period            | Core Program       |                                 |      | -  | -                                     | -                                | -                                    |
| 201401870005 | Millis                    | Clyde F Brown                   | Approved Project Vote Pending | Core Program       | New Construction                |      | Compass Project Management, Inc.           | Tappe Associates, Inc.                | -                                | Colliers International               |
| 200908300605 | Minuteman Voc Tech        | Minuteman Regional High School  | Design Development            | Core Program       | New Construction                |      | Skanska USA Building, Inc                  | Kaestle Boos Associates, Inc.         | -                                | Consulting Engineers, LLC            |
| 201107129999 | Monomoy                   | Monomoy Regional High School    | Closeout                      | Core Program       | New Construction - Model School | DBB  | Skanska USA Building, Inc                  | Mount Vernon Group Architects, Inc.   | Fontaine Brothers, Inc.          | Sebesta Blomberg & Associates, Inc.  |
| 201307150505 | Mount Greylock            | Mt Greylock Reg High            | Construction                  | Core Program       | Addition / Renovation           | CM@R | Dore & Whittier Management Partners, Inc.  | Perkins Eastman/DPC                   | Turner Construction Company      | BVH Integrated Services, P.C.        |
| 200807200020 | Narragansett              | Templeton Center School         | Design Development            | Core Program       |                                 |      | Colliers International                     | Symmes Maini & McKee Associates, Inc. | -                                | Fitzemeyer & Tocci Associates, Inc.  |
| 201501980305 | Natick                    | J F Kennedy Middle Sch          | Feasibility Study             | Core Program       |                                 |      | Compass Project Management, Inc.           | Ai3 Architects LLC                    | -                                | -                                    |
| 20160600505  | Nauset                    | Nauset Regional High            | Eligibility Period            | Core Program       |                                 |      | -  | -                                     | -                                | -                                    |
| 201301990035 | Needham                   | Hillside Elementary             | Design Development            | Core Program       | New Construction                | DBB  | -  | Dore & Whittier Architects, Inc.      | -                                | Rist-Frost-Shumway Engineering, P.C. |
| 201502010063 | New Bedford               | Alfred J Gomes                  | Building Complete             | Accelerated Repair | Windows / Doors                 |      | Vertex Construction Services               | -                                     | -                                | CBI Consulting Inc.                  |
| 201502010123 | New Bedford               | Casmir Pulaski                  | Building Complete             | Accelerated Repair | Windows / Doors, Boiler         |      | Vertex Construction Services               | -                                     | -                                | CBI Consulting Inc.   WSP USA        |
| 201702180015 | Norton                    | J C Solmonese                   | OPM Selection                 | Accelerated Repair | Windows / Doors                 |      | -  | -                                     | -                                | -                                    |



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| 201502010078    | New Bedford      | Hayden/McFadden                     | Building Complete                | Accelerated Repair | Windows / Doors, Boiler |      | Vertex Construction Services               | -                                     | -                             | CBI Consulting Inc.   WSP USA       |
| 201502010115    | New Bedford      | John Avery Parker                   | Closeout                         | Accelerated Repair | Windows / Doors, Boiler |      | Vertex Construction Services               | -                                     | -                             | -                                   |
| 201602010115    | New Bedford      | John Avery Parker                   | Design Development               | Accelerated Repair | Windows / Doors         |      | Architectural Consulting Group, LLC        | CBI Consulting Inc.                   | -                             | WSP USA                             |
| 200902010070    | New Bedford      | John Hannigan                       | Construction                     | Core Program       | New Construction        | DBB  | Daedalus Projects Inc                      | Turowski2 Architecture, Inc.          | H.V. Collins Co., Inc.        | WSP USA                             |
| 201502010045    | New Bedford      | Sgt Wm H Carney Acad                | Building Complete                | Accelerated Repair | Windows / Doors         |      | Vertex Construction Services               | -                                     | -                             | CBI Consulting Inc.   WSP USA       |
| W201002019999P2 | New Bedford      | Lab Marine Science Education Center | Building Complete                | Waitlist           | Addition / Renovation   | DBB  | Architectural Consulting Group, LLC        | Mount Vernon Group Architects, Inc.   | M. O'Connor Contracting, Inc. | WSP USA                             |
| 201102070005    | Newton           | A E Angier                          | Building Complete                | Core Program       | New Construction        | CM@R | NV5 (fka Joslin, Lesser + Associates Inc.) | DiNisco Design, Inc.                  | W. T. Rich Company Inc.       | Fitzemeyer & Tocci Associates, Inc. |
| 201302070025    | Newton           | Cabot                               | Design Development               | Core Program       | Addition / Renovation   | CM@R | NV5 (fka Joslin, Lesser + Associates Inc.) | DiNisco Design, Inc.                  | W. T. Rich Company Inc.       | Colliers International              |
| 200802080005    | Norfolk          | Freeman-Kennedy Elementary School   | Closeout                         | Core Program       | New Construction        | DBB  | NV5 (fka Joslin, Lesser + Associates Inc.) | Flansburgh Associates, Inc.           | Fontaine Brothers, Inc.       | WSP USA                             |
| 201602150015    | North Brookfield | North Brookfield Elem               | Design Development               | Accelerated Repair | Roof                    |      | Skanska USA Building, Inc                  | Dietz & Company Architects, Inc.      | -                             | Simpson Gumpertz & Heger Inc.       |
| 201607350030    | North Middlesex  | Hawthorne Brook                     | Approved Project<br>Vote Pending | Accelerated Repair |                         |      | Atlantic Construction and Management, Inc. | Habeeb & Associates Architects, Inc.  | -                             | Gale Associates, Inc.               |
| 201107350505    | North Middlesex  | North Middlesex Reg                 | Construction                     | Core Program       | New Construction        | DBB  | HEERY                                      | Symmes Maini & McKee Associates, Inc. | CTA Construction Co., Inc.    | Horizon Engineering Associates, LLP |
| 201607350020    | North Middlesex  | Squannacook                         | Approved Project<br>Vote Pending | Accelerated Repair |                         |      | Atlantic Construction and Management, Inc. | Habeeb & Associates Architects, Inc.  | -                             | Gale Associates, Inc.               |
| 201607350035    | North Middlesex  | Varnum Brook                        | Approved Project<br>Vote Pending | Accelerated Repair |                         |      | Atlantic Construction and Management, Inc. | Habeeb & Associates Architects, Inc.  | -                             | Gale Associates, Inc.               |
| 201502170003    | North Reading    | E Ethel Little School               | Closeout                         | Accelerated Repair | Roof                    |      | Compass Project Management, Inc.           | HAKS Engineers, P.C.                  | Stanley Roofing Company, Inc. | Thompson & Lichtner Co., Inc.       |
| 201002170505    | North Reading    | North Reading High School           | Building Complete                | Core Program       | Addition / Renovation   | CM@R | PMA Construction Services Inc.             | Dore & Whittier Architects, Inc.      | Gilbane Building Company      | Cannon Design                       |
| 201602100005    | Northampton      | Bridge Street                       | Construction                     | Accelerated Repair | Roof                    |      | Colliers International                     | The S/L/A/M Collaborative             | -                             | CBI Consulting Inc.                 |
| 201602100025    | Northampton      | Leeds                               | Construction                     | Accelerated Repair | Roof                    |      | Colliers International                     | The S/L/A/M Collaborative             | -                             | CBI Consulting Inc.                 |
| 201102130003    | Northborough     | Lincoln Street                      | Building Complete                | Core Program       | Addition / Renovation   | DBB  | Colliers International                     | Lamoureux Pagano & Associates, Inc.   | Brait Builders Corp.          | Fitzemeyer & Tocci Associates, Inc. |
| 201502140001    | Northbridge      | W Edward Balmer                     | OPM Selection                    | Core Program       |                         |      | Symmes Maini & McKee Associates, Inc.      | Dore & Whittier Architects, Inc.      | -                             | -                                   |
| 201702180060    | Norton           | Henri A. Yelle                      | OPM Selection                    | Accelerated Repair | Windows / Doors         |      | -  | -                                     | -                             | -                                   |
| 201702430510    | Quincy           | North Quincy High                   | OPM Selection                    | Accelerated Repair | Roof                    |      | -  | -                                     | -                             | -                                   |
| 201702440015    | Randolph         | Margaret L Donovan                  | OPM Selection                    | Accelerated Repair | Windows / Doors, Boiler |      | -  | -                                     | -                             | -                                   |
| 201602230010    | Orange           | Dexter Park                         | Eligibility Period               | Core Program       |                         |      | -  | -                                     | -                             | -                                   |
| 201402240005    | Orleans          | Orleans Elementary                  | Closeout                         | Accelerated Repair | Windows / Doors         |      | Group, LLC                                 | Tighe & Bond, Inc.                    | RAC Builders, Inc.            | Gale Associates, Inc.               |
| 200802260405    | Oxford           | Oxford Middle School                | Closeout                         | Core Program       | Repair                  | DBB  | Management                                 | CGKV Architects, Inc.                 | J.J. Cardosi, Inc.            | Cannon Design                       |
| 200802290305    | Peabody          | Higgins Middle School               | Building Complete                | Core Program       | New Construction        | DBB  | Daedalus Projects Inc                      | DiNisco Design, Inc.                  | Construction Joint Venture    | Services, P.C.                      |
| 201402290016    | Peabody          | John E. McCarthy                    | Building Complete                | Accelerated Repair | Doors                   |      | Hill International Company                 | Civitects PC                          | -                             | Co., Inc.                           |
| 201502290510    | Peabody          | Peabody Veterans Memorial High      | Construction                     | Accelerated Repair | Roof                    |      | Municipal Building Consultants, Inc.       | Civitects PC                          | -                             | Thompson & Lichtner Co., Inc.       |
| 201302310010    | Pembroke         | Hobomock Elementary                 | Closeout                         | Accelerated Repair | Roof                    | DBB  | Pinck & Co., Inc.                          | The S/L/A/M Collaborative             | Greenwood Industries, Inc.    | CBI Consulting Inc.                 |
| 201302310015    | Pembroke         | North Pembroke Elem                 | Closeout                         | Accelerated Repair | Roof                    | DBB  | Pinck & Co., Inc.                          | The S/L/A/M Collaborative             | Paul J. Rogan Co., Inc.       | CBI Consulting Inc.                 |
| 201302310305    | Pembroke         | Pembroke Community Middle School    | Closeout                         | Accelerated Repair | Roof                    | DBB  | Pinck & Co., Inc.                          | The S/L/A/M Collaborative             | Paul J. Rogan Co., Inc.       | CBI Consulting Inc.                 |



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| 201302310505  | Pembroke         | Pembroke High School                         | Closeout                         | Accelerated Repair | Roof                  | DBB  | Pinck & Co., Inc.                          | The S/L/A/M Collaborative        | Greenwood Industries, Inc.                | CBI Consulting Inc.                  |
| 201507450505  | Pentucket        | Pentucket Reg Sr High                        | Designer Selection               | Core Program       |                       |      | Vertex Construction Services               | -                                | -   | -                                    |
| 201002360510  | Pittsfield       | Taconic High School                          | Construction                     | Core Program       | New Construction      | CM@R | Skanska USA Building, Inc                  | Drumme Rosane Anderson, Inc.     | Gilbane Building Company                  | Colliers International               |
| 201202390515  | Plymouth         | Plymouth South High                          | Construction                     | Core Program       | New Construction      | DBB  | Ted Gentry Associates, Inc                 | Ai3 Architects LLC               | Bacon-Agostini Construction Joint Venture | Rist-Frost-Shumway Engineering, P.C. |
| 201302420505  | Provincetown     | Provincetown High                            | Building Complete                | Core Program       | Repair                | DBB  | Atlantic Construction and Management, Inc. | Raymond Design Associates, Inc.  | E. Amanti & Sons, Inc.                    | BVH Integrated Services, P.C.        |
| 201607780005  | Quaboag Regional | Warren Elementary                            | Approved Project<br>Vote Pending | Accelerated Repair | Windows / Doors       |      | NETCO Construction Project Managers, Inc.  | TSKP Studio, LLC                 | -   | -                                    |
| 201602430040  | Quincy           | Atherton Hough                               | Construction                     | Accelerated Repair | Boiler                |      | Hill International Company                 | Architectural Engineers, Inc.    | E. Amanti & Sons, Inc.                    | Consulting Engineering Services, LLC |
| 201502430020  | Quincy           | Beechwood Knoll Elem                         | Construction                     | Accelerated Repair | Roof, Windows / Doors |      | Atlantic Construction and Management, Inc. | Baker/Wohl Architects, Inc.      | Alpha Contracting Associates, Inc.        | CBI Consulting Inc.                  |
| 201602430020  | Quincy           | Beechwood Knoll Elem                         | Construction                     | Accelerated Repair | Boiler                |      | Hill International Company                 | Architectural Engineers, Inc.    | E. Amanti & Sons, Inc.                    | Consulting Engineering Services, LLC |
| 201502430060  | Quincy           | Merrymount                                   | Building Complete                | Accelerated Repair | Roof                  |      | Atlantic Construction and Management, Inc. | Baker/Wohl Architects, Inc.      | Gibson Roofs, Inc.                        | CBI Consulting Inc.                  |
| 201602430060  | Quincy           | Merrymount                                   | Construction                     | Accelerated Repair | Boiler                |      | Hill International Company                 | Architectural Engineers, Inc.    | E. Amanti & Sons, Inc.                    | Consulting Engineering Services, LLC |
| 201702440040  | Randolph         | Martin E Young Elem                          | OPM Selection                    | Accelerated Repair | Windows / Doors       |      | -  | -                                | -   | -                                    |
| 201302430320  | Quincy           | Reay E Sterling Middle                       | Design Development               | Core Program       | New Construction      |      | PCA 360                                    | Ai3 Architects LLC               | -   | Symmes, Maini & McKee Associates     |
| 201602430110  | Quincy           | Wollaston School                             | Construction                     | Accelerated Repair | Boiler                |      | Hill International Company                 | Architectural Engineers, Inc.    | E. Amanti & Sons, Inc.                    | Consulting Engineering Services, LLC |
| 201402440018  | Randolph         | J F Kennedy Elem                             | Closeout                         | Accelerated Repair | Windows / Doors       |      | STV   DPM (fka STV Inc.)                   | Taylor & Burns, Inc.             | Modern Glass & Aluminum, Inc.             | Gale Associates, Inc.                |
| 201702650015  | Seekonk          | Mildred Aitken School                        | OPM Selection                    | Accelerated Repair | Windows / Doors       |      | -  | -                                | -   | -                                    |
| 201702810355  | Springfield      | South End Middle School                      | OPM Selection                    | Accelerated Repair | Windows / Doors       |      | -  | -                                | -   | -                                    |
| 201402440505  | Randolph         | Randolph High                                | Closeout                         | Accelerated Repair | Windows / Doors       |      | STV   DPM (fka STV Inc.)                   | Taylor & Burns, Inc.             | A&A Window Products, Inc.                 | Gale Associates, Inc.                |
| 201502480056  | Revere           | Garfield Elementary School                   | Construction                     | Accelerated Repair | Roof                  |      | Leftfield, LLC                             | Turowski2 Architecture, Inc.     | Greenwood Industries, Inc.                | Thompson & Lichtner Co., Inc.        |
| 201602480057  | Revere           | Garfield Middle School                       | Design Development               | Accelerated Repair | Boiler                |      | NV5 (fka Joslin, Lesser + Associates Inc.) | BLW Engineers, Inc.              | -   | Fitzmeyer & Tocci Associates, Inc.   |
| 201002480035  | Revere           | School                                       | Building Complete                | Core Program       | New Construction      | DBB  | Hill International Company                 | Anderson, Inc.                   | CTA Construction Co., Inc.                | Engineering, P.C.                    |
| 201602510060  | Rockland         | Jefferson Elementary School                  | Eligibility Period               | Core Program       |                       |      | -  | -                                | -   | -                                    |
| 201402620505  | Saugus           | Saugus High                                  | Design Development               | Core Program       | New Construction      |      | PMA Construction Services                  | HMFH Architects, Inc.            | -   | -                                    |
| 201202640305  | Scituate         | Gates Intermediate School                    | Construction                     | Core Program       | New Construction      | DBB  | Daedalus Projects Inc                      | Dore & Whittier Architects, Inc. | Bacon-Agostini Construction Joint Venture | WSP USA                              |
| 201703260004  | Westford         | Abbot Elem                                   | OPM Selection                    | Accelerated Repair | Roof                  |      | -  | -                                | -   | -                                    |
| 201602660015  | Sharon           | Heights Elementary                           | Construction                     | Accelerated Repair | Roof                  |      | PCA 360                                    | Knight, Bagge & Anderson, Inc.   | -   | Simpson Gumpertz & Heger Inc.        |
| 201602660505  | Sharon           | Sharon High                                  | Eligibility Period               | Core Program       |                       |      | -  | -                                | -   | -                                    |
| 201502710005  | Shrewsbury       | Beal School                                  | Feasibility Study                | Core Program       |                       |      | PMA Construction Services                  | -                                | -   | -                                    |
| 200811119999  | Somerset-Berkley | Somerset-Berkley High                        | Closeout                         | Core Program       | Model School          | DBB  | Skanska USA Building, Inc                  | Ai3 Architects LLC               | Construction Joint Venture                | Associates, LLP                      |
| 200902740111E | Somerville       | East Somerville Community School at Cummings | Closeout                         | Core Program       | Renovation            | CM@R | PMA Construction Services                  | Maguire Group Inc.               | Gilbane Building Company                  | Foreman Building Commissioning, LP   |
| 201302740505  | Somerville       | Somerville High                              | Design Development               | Core Program       | Addition / Renovation |      | PMA Construction Services                  | Associates, Inc.                 | Company                                   | WSP USA                              |
| 201602740120  | Somerville       | Winter Hill Community                        | Design Development               | Accelerated Repair | Roof, Windows / Doors |      | Municipal Building Consultants, Inc.       | TSKP Studio, LLC                 | -   | Thompson & Lichtner Co., Inc.        |



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| 200902780015  | South Hadley              | Plains School                      | Closeout           | Core Program       | New Construction                | DBB  | Arcadis U.S., Inc.                         | Jones Whitsett Architects, Inc.       | Fontaine Brothers, Inc.                | Colliers International              |
| 201407650505  | Southern Berkshire        | Mt Everett Regional                | Closeout           | Accelerated Repair | Roof, Boiler                    |      | NETCO Construction Project Managers, Inc.  | Dietz & Company Architects, Inc.      | Titan Roofing, Inc.                    | Colliers International              |
| 200908760605  | Southern Worcester Cty VT | Vocational Technical High School   | Closeout           | Core Program       | Addition / Renovation           | CM@R | HEERY                                      | Kaestle Boos Associates, Inc.         | Consigli Construction Company, Inc.    | RDK Engineers                       |
| 201107660305  | Southwick-Tolland         | Powder Mill                        | Closeout           | Core Program       | Repair                          | DBB  | Colliers International                     | JCJ Architecture, PC                  | PDS Engineering and Construction, Inc. | BVH Integrated Services, P.C.       |
| 201107660505  | Southwick-Tolland         | Southwick-Tolland Regional High    | Closeout           | Core Program       | Addition / Renovation           | DBB  | Colliers International                     | JCJ Architecture, PC                  | Fontaine Brothers, Inc.                | BVH Integrated Services, P.C.       |
| 200807660010  | Southwick-Tolland         | Woodland Elementary School         | Closeout           | Core Program       | Addition / Renovation           | DBB  | Colliers International                     | JCJ Architecture, PC                  | PDS Engineering and Construction, Inc. | BVH Integrated Services, P.C.       |
| 201703360105  | Weymouth                  | Thomas W. Hamilton Primary School  | OPM Selection      | Accelerated Repair | Boiler                          |      | -  | -                                     | -                                      | -                                   |
| 201602810095  | Springfield               | Alfred G Zanetti                   | Design Development | Accelerated Repair | Windows / Doors                 |      | Leftfield, LLC                             | Gale Associates, Inc.                 | -                                      | Building Enclosure Associates, LLC  |
| 201602810015  | Springfield               | Balliet Elementary School          | Design Development | Accelerated Repair | Roof                            |      | Leftfield, LLC                             | Gale Associates, Inc.                 | -                                      | Building Enclosure Associates, LLC  |
| 201602810360  | Springfield               | Balliet Middle School              | Design Development | Accelerated Repair | Windows / Doors                 |      | Leftfield, LLC                             | Gale Associates, Inc.                 | -                                      | Building Enclosure Associates, LLC  |
| 201502810025  | Springfield               | Brightwood                         | Designer Selection | Core Program       |                                 |      | Skanska USA Building, Inc                  | -                                     | -                                      | -                                   |
| 201502810035  | Springfield               | Daniel B Brunton                   | Construction       | Accelerated Repair | Windows / Doors                 |      | Skanska USA Building, Inc                  | CBI Consulting Inc.                   | Five Star Building Corp.               | Building Enclosure Associates, LLC  |
| 201102810030E | Springfield               | Elias Brookings                    | Closeout           | Core Program       | New Construction                | CM@R | Arcadis U.S., Inc.                         | Drumrey Rosane Anderson, Inc.         | Morganti/Aquadro & Cerruti             | BVH Integrated Services, P.C.       |
| 201402810328  | Springfield               | John F Kennedy Middle              | Closeout           | Accelerated Repair | Windows / Doors                 |      | Arcadis U.S., Inc.                         | Gale Associates, Inc.                 | Lambrian Construction Corp.            | Building Enclosure Associates, LLC  |
| 201402810110  | Springfield               | Kensington Avenue                  | Closeout           | Accelerated Repair | Windows / Doors                 |      | Arcadis U.S., Inc.                         | Gale Associates, Inc.                 | Alpha Contracting Associates, Inc.     | Building Enclosure Associates, LLC  |
| 201602810110  | Springfield               | Kensington Avenue                  | Design Development | Accelerated Repair | Roof                            |      | Leftfield, LLC                             | Gale Associates, Inc.                 | -                                      | Building Enclosure Associates, LLC  |
| 201602810330  | Springfield               | M Marcus Kiley Middle              | Design Development | Accelerated Repair | Windows / Doors                 |      | Leftfield, LLC                             | Gale Associates, Inc.                 | -                                      | Building Enclosure Associates, LLC  |
| 201602810140  | Springfield               | Mary M Lynch                       | Construction       | Accelerated Repair | Roof                            |      | Leftfield, LLC                             | Gale Associates, Inc.                 | -                                      | Building Enclosure Associates, LLC  |
| 201502810155  | Springfield               | Mary M Walsh                       | Construction       | Accelerated Repair | Windows / Doors                 |      | Skanska USA Building, Inc                  | CBI Consulting Inc.                   | PDS Engineering and Construction, Inc. | Building Enclosure Associates, LLC  |
| 201502810550  | Springfield               | Springfield Public Day High School | Construction       | Accelerated Repair | Windows / Doors                 |      | Skanska USA Building, Inc                  | CBI Consulting Inc.                   | Westfield Construction Co., Inc.       | Building Enclosure Associates, LLC  |
| 201502810350  | Springfield               | STEM Middle Academy                | Construction       | Accelerated Repair | Roof                            |      | Skanska USA Building, Inc                  | CBI Consulting Inc.                   | Westfield Construction Co., Inc.       | Building Enclosure Associates, LLC  |
| 201602810045  | Springfield               | William N Deberry                  | Eligibility Period | Core Program       |                                 |      | -  | -                                     | -                                      | -                                   |
| 201402850025  | Stoughton                 | Joseph H Gibbons                   | Building Complete  | Accelerated Repair | Roof, Windows / Doors           |      | Atlantic Construction and Management, Inc. | CGKV Architects, Inc.                 | A&A Window Products, Inc.              | Building Enclosure Associates, LLC  |
| 201302850505  | Stoughton                 | Stoughton High                     | Construction       | Core Program       | New Construction                | CM@R | Compass Project Management, Inc.           | Drumrey Rosane Anderson, Inc.         | Consigli Construction Company, Inc.    | Fitzemeyer & Tocci Associates, Inc. |
| 201502850020  | Stoughton                 | West Elementary                    | Construction       | Accelerated Repair | Windows / Doors                 |      | Management, Inc.                           | CBI Consulting Inc.                   | Associates, Inc.                       | Associates, LLC                     |
| 201602920006  | Swansea                   | Elizabeth S Brown                  | Design Development | Accelerated Repair | Windows / Doors                 |      | Skanska USA Building, Inc                  | Tighe & Bond, Inc.                    | -                                      | Simpson Gumpertz & Heger Inc.       |
| 201502930007  | Taunton                   | Edmund Hatch Bennett               | Construction       | Accelerated Repair | Roof, Windows / Doors           |      | Arcadis U.S., Inc.                         | CSS Architects Incorporated           | TRAC Builders, Inc.                    | Gale Associates, Inc.               |
| 201502930042  | Taunton                   | Joseph H Martin                    | Construction       | Accelerated Repair | Roof, Windows / Doors           |      | Arcadis U.S., Inc.                         | CSS Architects Incorporated           | TRAC Builders, Inc.                    | Gale Associates, Inc.               |
| 201402930015  | Taunton                   | Mulcahey Elementary School         | Feasibility Study  | Core Program       |                                 |      | CGA Project Management                     | Dore & Whittier Architects, Inc.      | -                                      | -                                   |
| 201502950025  | Tewksbury                 | Louise Davy Trahan                 | OPM Selection      | Core Program       |                                 |      | HEERY                                      | -                                     | -                                      | -                                   |
| 200802950505  | Tewksbury                 | Tewksbury Memorial High School     | Closeout           | Core Program       | New Construction - Model School | DBB  | HEERY                                      | Symmes Maini & McKee Associates, Inc. | CTA Ventures                           | Sebesta Blomberg & Associates, Inc. |





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| 201502960005  | Tisbury          | Tisbury Elementary                         | Feasibility Study  | Core Program       |                                 |      | Daedalus Projects Inc                      | Turowski2 Architecture, Inc.          | -                                       | -   |
| 201602980005  | Topsfield        | Proctor Elementary                         | Design Development | Accelerated Repair | Roof                            |      | Management, Inc.                           | The S/L/A/M Collaborative             | -                                       | Gale Associates, Inc.   |
| 201602980010  | Topsfield        | Steward Elementary                         | Design Development | Accelerated Repair | Roof                            |      | Compass Project Management, Inc.           | The S/L/A/M Collaborative             | -                                       | Gale Associates, Inc.   |
| 201507730025  | Triton           | Pine Grove                                 | Design Development | Core Program       | Addition / Renovation           |      | Pinck & Co., Inc.                          | Dore & Whittier Architects, Inc.      | -                                       | -   |
| 201403010505  | Tyngsborough     | Tyngsborough High School                   | Closeout           | Accelerated Repair | Roof, Boiler                    |      | Municipal Building Consultants, Inc.       | CSS Architects Incorporated           | Corporation  Greenwood Industries, Inc. | Colliers International  |
| 200907750305  | Wachusett        | Mountview Middle School                    | Building Complete  | Core Program       | New Construction                | DBB  | -  | Lamoureux Pagano & Associates, Inc.   | CTA Construction Co., Inc.              | Fitzemeyer & Tocci Associates, Inc.                                   |
| 201403080505  | Waltham          | Waltham High School                        | Feasibility Study  | Core Program       |                                 |      | NV5 (fka Joslin, Lesser + Associates Inc.) | Symmes Maini & McKee Associates, Inc. | -                                       | -   |
| 201503100003  | Wareham          | John W. Decas Elementary School            | Construction       | Accelerated Repair | Roof, Boiler                    |      | Colliers International                     | ICON architecture, inc.               | Nadeau Corporation                      | Bard, Rao + Athanas Consulting Engineers, LLC   Gale Associates, Inc. |
| 201503100017  | Wareham          | Minot Forest                               | Designer Selection | Core Program       |                                 |      | -  | -                                     | -                                       | -   |
| 201503140305  | Watertown        | Watertown Middle                           | Construction       | Accelerated Repair | Windows / Doors                 |      | exPERTcon, Inc.                            | Gale Associates, Inc.                 | Homer Contracting                       | Thompson & Lichtner Co., Inc.   |
| 201403150005  | Wayland          | Claypit Hill School                        | Closeout           | Accelerated Repair | Windows / Doors                 |      | Pinck & Co., Inc.                          | CGKV Architects, Inc.                 | Lockheed Window Corporations            | Russo Barr Associates, Inc.   |
| 201603150020  | Wayland          | Loker School                               | Design Development | Accelerated Repair | Windows / Doors                 |      | Colliers International                     | CBI Consulting Inc.                   | -                                       | Co., Inc.   |
| 200903160015  | Webster          | Park Avenue Elementary School              | Closeout           | Core Program       | New Construction                | DBB  | Hill International Company                 | Dore & Whittier Architects, Inc.      | CTA Construction Co., Inc.              | Cannon Design   |
| 201403170305  | Wellesley        | Wellesley Middle                           | Closeout           | Accelerated Repair | Windows / Doors                 |      | Arcadis U.S., Inc.                         | CSS Architects Incorporated           | Paul J. Rogan Co., Inc.                 | Gale Associates, Inc.   |
| 201103220005G | West Boylston    | Major Edwards Elementary                   | Closeout           | Green Repair       | Windows / Doors                 | DBB  | URS Corporation                            | Reinhardt Associates, Inc.            | -                                       | Cannon Design   |
| 201503230005  | West Bridgewater | Spring Street School                       | Closeout           | Accelerated Repair | Roof                            |      | PCA 360                                    | TSKP Studio, LLC                      | Capeway Roofing Systems, Inc.           | Thompson & Lichtner Co., Inc.   |
| 201003230505  | West Bridgewater | West Bridgewater Middle-Senior High School | Building Complete  | Core Program       | New Construction                | DBB  | Colliers International                     | Flansburgh Associates, Inc.           | CTA Construction Co., Inc.              | Cannon Design   |
| 201503320007  | West Springfield | Philip G Coburn                            | OPM Selection      | Core Program       |                                 |      | -  | -                                     | -                                       | -   |
| 200903320505  | West Springfield | West Springfield High School               | Closeout           | Core Program       | New Construction - Model School | DBB  | Colliers International                     | Symmes Maini & McKee Associates, Inc. | Fontaine Brothers, Inc.                 | Turner Facilities Management Solutions                                |
| 201603210010  | Westborough      | Annie E Fales                              | Eligibility Period | Core Program       |                                 |      | -  | -                                     | -                                       | -   |
| 200903210305  | Westborough      | Gibbons Middle School                      | Construction       | Core Program       | Repair                          | CM@R | HEERY                                      | Architects, Inc.                      | Gilbane Building Company                | Services, P.C.  |
| 200903250020  | Westfield        | Abner Gibbs Elementary School              | Construction       | Core Program       | New Construction - Model School | DBB  | Skanska USA Building, Inc                  | Jones Whitsett Architects, Inc.       | Fontaine Brothers, Inc.                 | Horizon Engineering Associates, LLP                                   |
| 201703360110  | Weymouth         | Wessagusset                                | OPM Selection      | Accelerated Repair | Boiler                          |      | -  | -                                     | -                                       | -   |
| 201303260025  | Westford         | Col John Robinson                          | Closeout           | Accelerated Repair | Windows / Doors                 | DBB  | Colliers International                     | Gale Associates, Inc.                 | GTC Construction Management             | CBI Consulting Inc.   |
| 201303260007  | Westford         | Day Elementary                             | Closeout           | Accelerated Repair | Windows / Doors                 | DBB  | Colliers International                     | Gale Associates, Inc.                 | J.J. Cardosi, Inc.                      | CBI Consulting Inc.   |
| 201403310305  | Westport         | Westport Middle                            | Schematic Design   | Core Program       | New Construction                |      | Daedalus Projects Inc                      | LLC                                   | -                                       | -   |
| 201503360020  | Weymouth         | Maria Weston Chapman Middle School         | Feasibility Study  | Core Program       |                                 |      | Hill International Company                 | -                                     | -                                       | -   |
| 201703480095  | Worcester        | Elm Park Community                         | OPM Selection      | Accelerated Repair | Windows / Doors                 |      | -  | -                                     | -                                       | -   |
| 201703480160  | Worcester        | Lincoln Street                             | OPM Selection      | Accelerated Repair | Roof, Windows / Doors           |      | -  | -                                     | -                                       | -   |
| 200903420505  | Wilmington       | Wilmington High School                     | Building Complete  | Core Program       | New Construction                | CM@R | NV5 (fka Joslin, Lesser + Associates Inc.) | Dore & Whittier Architects, Inc.      | Gilbane Building Company                | Symmes, Maini & McKee Associates                                      |
| 201003440505  | Winchester       | Winchester High School                     | Construction       | Core Program       | Addition / Renovation           | CM@R | Skanska USA Building, Inc                  | Symmes Maini & McKee Associates, Inc. | Consigli Construction Company, Inc.     | RDK Engineers   |
| 200803460505  | Winthrop         | Winthrop High School                       | Closeout           | Core Program       | New Construction                | CM@R | Skanska USA Building, Inc                  | HMFH Architects, Inc.                 | Gilbane Building Company                | WSP USA   |
| 201203470060  | Woburn           | Wyman                                      | Construction       | Core Program       | New Construction                |      | Municipal Building Consultants, Inc.       | DiNisco Design, Inc.                  | CTA Construction Co., Inc.              | Fitzemeyer & Tocci Associates, Inc.                                   |



|              |                      |                           |                    |                    |                               |      |  |                                     |                            |  |
|--------------|----------------------|---------------------------|--------------------|--------------------|-------------------------------|------|--|-------------------------------------|----------------------------|--|
| 201703480235 | Worcester            | Thorndyke Road            | OPM Selection      | Accelerated Repair | Windows / Doors               |      |  |                                     |                            |  |
| 201706150505 | Athol-Royalston      | Athol High                | OPM Selection      | Accelerated Repair | Roof, Windows / Doors, Boiler |      |  |                                     |                            |  |
| 201706220008 | Blackstone-Millville | John F Kennedy Elem       | OPM Selection      | Accelerated Repair | Windows / Doors, Boiler       |      |  |                                     |                            |  |
| 201603480020 | Worcester            | Belmont Street Community  | Construction       | Accelerated Repair | Windows / Doors               |      | Watermark Environmental, Inc.          | Tighe & Bond, Inc.                  |                            | Russo Barr Associates, Inc.  |
| 201603480050 | Worcester            | Chandler Elem Community   | Construction       | Accelerated Repair | Windows / Doors, Boiler       |      | Watermark Environmental, Inc.          | Tighe & Bond, Inc.                  |                            | BVH Integrated Services, P.C.   Russo Barr Associates, Inc.        |
| 201303480060 | Worcester            | Columbus Park             | Closeout           | Accelerated Repair | Windows / Doors, Boiler       | DBB  | Architectural Consulting Group, LLC    | The S/L/A/M Collaborative           | Contractor's Network, Inc. | RDK Engineers   Russo Barr Associates, Inc.                        |
| 201603480512 | Worcester            | Doherty Memorial High     | Eligibility Period | Core Program       |                               |      |  |                                     |                            |  |
| 201503480090 | Worcester            | Flagg Street              | Construction       | Accelerated Repair | Windows / Doors               |      | Arcadis U.S., Inc.                     | CSS Architects Incorporated         | J.J. Cardosi, Inc.         | Russo Barr Associates, Inc.  |
| 201503480177 | Worcester            | Francis J McGrath Elem    | Construction       | Accelerated Repair | Windows / Doors               |      | Arcadis U.S., Inc.                     | CSS Architects Incorporated         | J.J. Cardosi, Inc.         | Russo Barr Associates, Inc.  |
| 201603481004 | Worcester            | Gerald Creamer Center     | Construction       | Accelerated Repair | Windows / Doors, Boiler       |      | Watermark Environmental, Inc.          | Tighe & Bond, Inc.                  |                            | BVH Integrated Services, P.C.   Russo Barr Associates, Inc.        |
| 201503480115 | Worcester            | Grafton Street            | Building Complete  | Accelerated Repair | Windows / Doors, Boiler       |      | Arcadis U.S., Inc.                     | CSS Architects Incorporated         | J.J. Cardosi, Inc.         | Rist-Frost-Shumway Engineering, P.C.   Russo Barr Associates, Inc. |
| 201503480140 | Worcester            | Jacob Hiatt Magnet        | Construction       | Accelerated Repair | Windows / Doors               |      | Arcadis U.S., Inc.                     | CSS Architects Incorporated         | J.J. Cardosi, Inc.         | Russo Barr Associates, Inc.  |
| 201203480200 | Worcester            | Nelson Place              | Building Complete  | Core Program       | New Construction              | CM@R | Tishman Construction Corporation of MA | Lamoureux Pagano & Associates, Inc. | Fontaine Brothers, Inc.    | Bard, Rao + Athanas Consulting Engineers, LLC                      |
| 201403480520 | Worcester            | South High Community      | Schematic Design   | Core Program       |                               |      | HEERY                                  | Lamoureux Pagano & Associates, Inc. |                            |  |
| 201303480230 | Worcester            | Tatnuck                   | Closeout           | Accelerated Repair | Windows / Doors               | DBB  | Architectural Consulting Group, LLC    | The S/L/A/M Collaborative           | GVW, Inc.                  | Russo Barr Associates, Inc.  |
| 201603480026 | Worcester            | Wawecus Road School       | Construction       | Accelerated Repair | Windows / Doors               |      | Watermark Environmental, Inc.          | Tighe & Bond, Inc.                  |                            | Russo Barr Associates, Inc.  |
| 201303480225 | Worcester            | Worcester Arts Magnet Sch | Closeout           | Accelerated Repair | Windows / Doors               | DBB  | Architectural Consulting Group, LLC    | The S/L/A/M Collaborative           | GVW, Inc.                  | Russo Barr Associates, Inc.  |
| 201303480420 | Worcester            | Worcester East Middle     | Closeout           | Accelerated Repair | Boiler                        | DBB  | Architectural Consulting Group, LLC    | The S/L/A/M Collaborative           | Contractor's Network, Inc. | RDK Engineers  |
| 201503500003 | Wrentham             | Delaney                   | Construction       | Accelerated Repair | Roof                          |      | P3 Inc.                                | Turowski2 Architecture, Inc.        |                            | Gale Associates, Inc.  |



**APPENDIX B**  
**2017 & 2018 ESTIMATED BID DATES**

## 2017 ESTIMATED BID DATES

Note bid dates are Estimates ONLY. Please contact Districts for exact information.

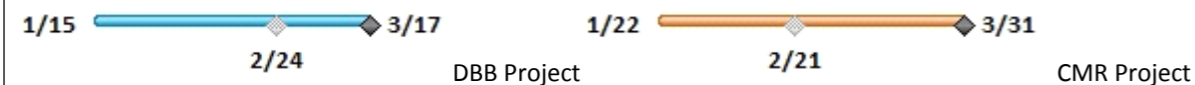
Total Project Budget denotes total District costs and does not denote the basis of the MSBA Total Facilities Grant.

| District                       | Enrollment  | Project Budget  | Start          | Finish          | Construct Budget | Notes                           | Oct '16 | Nov '16 | Dec '16 | Jan '17 | Feb '17 | Mar '17 | Apr '17 | May '17 | Jun '17 | Jul '17 | Aug '17 | Sep '17 | Oct '17 | Nov '17 | Dec '17 | Jan '18 |
|--------------------------------|-------------|-----------------|----------------|-----------------|------------------|---------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|                                |             |                 |                |                 |                  |                                 |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| Granby                         | 430         | \$ 34.2         | Mon<br>11/7/16 | Thu<br>1/26/17  | \$ 26.5          | NTP issued:<br>January 2017     |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
|                                |             |                 |                |                 |                  |                                 |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| Mount Greylock                 | 535         | \$ 64.7         | Mon<br>2/20/17 | Thu<br>5/4/17   | \$ 52.3          | GMP targeted:<br>July 2017      |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| Quincy                         | 430         | \$ 58.3         | Fri<br>3/17/17 | Fri<br>6/9/17   | \$ 46.6          | GMP targeted:<br>July 2017      |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| Hanover                        | 560         | \$ 32.4         | Wed<br>5/17/17 | Tue<br>7/18/17  | \$ 26.1          | NTP Issued:<br>July 2017        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| Stoughton                      | 1065        | \$ 123.5        | Wed<br>5/24/17 | Wed<br>7/26/17  | \$ 97.2          | GMP targeted:<br>July 2017      |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| Billerica                      | 1610        | \$ 175.9        | Mon<br>6/5/17  | Fri<br>8/25/17  | \$ 140.7         | GMP targeted:<br>August 2017    |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| Dedham                         | 200         | \$ 33.2         | Fri<br>7/21/17 | Fri<br>9/8/17   | \$ 26.2          | NTP targeted:<br>September 2017 |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| Needham                        | 430         | \$ 65.9         | Wed<br>8/16/17 | Mon<br>9/25/17  | \$ 45.5          | NTP targeted:<br>October 2017   |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| Narragansett                   | 580         | \$ 47.6         | Wed<br>8/30/17 | Wed<br>10/11/17 | \$ 36.2          | NTP targeted:<br>November 2017  |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| Bourne                         | 460         | \$ 39.9         | Wed<br>10/4/17 | Tue<br>11/21/17 | \$ 30.9          | NTP targeted:<br>November 2017  |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| Newton                         | 480         | \$ 49.0         | Wed<br>10/4/17 | Tue<br>11/28/17 | \$ 36.2          | GMP targeted:<br>November 2017  |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| Minuteman Reg. School District | 628         | \$ 144.9        | Fri<br>10/6/17 | Mon<br>12/18/17 | \$ 119.2         | GMP targeted:<br>December 2017  |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| <b>Total</b>                   | <b>7408</b> | <b>\$ 869.6</b> |                |                 | <b>\$ 683.9</b>  |                                 |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |

Note: Budget values are in millions.

The project start date represents the Filed-Sub bid solicitation date, gray diamond Filed-Sub bid date, and the black diamond GC Bids / GMP Execution.

7/24/17



## 2018 ESTIMATED BID DATES

Note bid dates are Estimates ONLY. Please contact Districts for exact information.

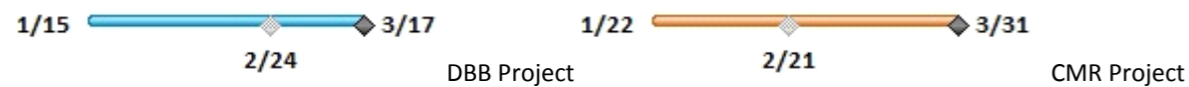
Total Project Budget denotes total District costs and does not denote the basis of the MSBA Total Facilities Grant.

| District     | Enrollment  | Project Budget  | Start          | Finish         | Construct Budget | Notes                       | Dec '17 | Jan '18 | Feb '18        | Mar '18                             | Apr '18                | May '18 | Jun '18                      | Jul '18 | Aug '18 | Sep '18 | Oct '18 | Nov '18 | Dec '18 |  |
|--------------|-------------|-----------------|----------------|----------------|------------------|-----------------------------|---------|---------|----------------|-------------------------------------|------------------------|---------|------------------------------|---------|---------|---------|---------|---------|---------|--|
|              |             |                 |                |                |                  |                             |         |         |                |                                     |                        |         |                              |         |         |         |         |         |         |  |
| Millis       | 515         | \$ 52.8         | Tue<br>1/9/18  | Wed<br>3/28/18 | \$ 42.6          | GMP targeted:<br>April 2018 |         | 1/9     | Clyde Brown ES |                                     | 3/28                   |         |                              |         |         |         |         |         |         |  |
| Triton       | 415         | \$ 39.0         | Thu<br>2/1/18  | Thu<br>3/29/18 | \$ 199.0         | GMP targeted:<br>April 2018 |         |         | 1/29           | Triton Pine Grove Elementary School |                        | 3/29    |                              |         |         |         |         |         |         |  |
| Somerville   | 1590        | \$ 256.0        | Mon<br>3/12/18 | Mon<br>7/2/18  | \$ 199.0         | GMP targeted:<br>July 2018  |         |         |                | 3/6                                 | Somerville High School |         | 7/2                          |         |         |         |         |         |         |  |
| Braintree    | 1180        | \$ 83.5         | Tue<br>5/1/18  | Thu<br>6/28/18 | \$ 199.0         | GMP targeted:<br>June 2018  |         |         |                |                                     |                        | 5/1     | Braintree East Middle School |         | 6/28    |         |         |         |         |  |
| Saugus       | 1360        | \$ 160.7        | Tue<br>5/8/18  | Mon<br>7/2/18  | \$ 199.0         | GMP targeted:<br>July 2018  |         |         |                |                                     |                        | 5/8     | Saugus High School           |         | 7/2     |         |         |         |         |  |
| <b>Total</b> | <b>5060</b> | <b>\$ 591.9</b> |                |                | <b>\$ 467.3</b>  |                             |         |         |                |                                     |                        |         | 6/4                          |         |         |         |         |         |         |  |

Note: Budget values are in millions.

The project start date represents the Filed-Sub bid solicitation date, gray diamond Filed-Sub bid date, and the black diamond GC Bids / GMP Execution.

7/24/17



APPENDIX C  
CONSTRUCTION STATUS REPORT

**Projects in Construction**  
**MSBA Grant Basis and Maximum Grant Amount**  
**Data Reported as of July 24, 2017**

| Core Program and Waitlist Totals                 |                    |   | \$2,111,212,458                               |                      |                 |                 |                          |               |                      |                  |                         |                        |                          |                   |               |                 |   |                                | \$1,193,803,460        |
|--|--------------------|---|---|----------------------|-----------------|-----------------|--------------------------|---------------|----------------------|------------------|-------------------------|------------------------|--------------------------|-------------------|---------------|-----------------|---|--------------------------------|------------------------|
| Project  | Grade              | Contractor                                | Total Construction Cost (Includes Alternates) | Projected Enrollment | PFA or Bid Data | Proposed Sq.Ft. | Construction Cost/Sq.Ft. | Building Cost | Building Cost/Sq.Ft. | Procurement Type | Construction Start Date | Substantial Completion | Schedule Variance (days) | Physical Progress | Change Orders | Change Orders % | Construction Status   | Est Max Total Facilities Grant |                        |
| <b>CAPITAL PIPELINE PROJECTS IN CONSTRUCTION</b> |                    |   |   |                      |                 |                 |                          |               |                      |                  |                         |                        |                          |                   |               |                 |   |                                |                        |
| <b>Core Program Totals</b>                       |                    |   | <b>\$2,102,247,458</b>                        |                      |                 |                 |                          |               |                      |                  |                         |                        |                          |                   |               |                 |   |                                | <b>\$1,183,671,654</b> |
| Abington Frolio Jr Hs                            | Junior High School | Brait Builders Corp.                      | \$78,791,215                                  | 1,115                | Bid             | 235,370         | \$335                    | \$61,468,040  | \$261                | Design/Bid/Build | 03-Dec-15               | 18-Jul-17              | 45 ahead                 | 99%               | \$1,003,928   | 1.304%          | Project team is working on the punch list. Furniture, fixture and equipment installation completed. Final site work under way.  | \$48,528,486                   |                        |
| Athol-Royalston Riverbend                        | Elementary School  | Fontaine Brothers, Inc.                   | \$31,594,000                                  | 545                  | Bid             | 95,726          | \$330                    | \$24,859,000  | \$260                | Design/Bid/Build | 08-Dec-14               | 14-Jun-16              | 0                        | 99%               | \$1,931,020   | 6.112%          | Final site work completed. Commissioning and punch list work is ongoing.  | \$26,011,620                   |                        |
| Georgetown Penn Brook                            | Elementary School  | Brait Builders Corp.                      | \$32,875,975                                  | 770                  | Bid             | 98,000          | \$335                    | \$26,976,145  | \$275                | Design/Bid/Build | 26-Sep-13               | 20-May-15              | 0                        | 100%              | \$3,897,226   | 11.854%         | Final landscaping completed. Commissioning complete and punch list work ongoing.  | \$18,864,538                   |                        |
| New Bedford John Hannigan                        | Elementary School  | H.V. Collins Co., Inc.                    | \$29,792,732                                  | 400                  | Bid             | 74,056          | \$402                    | \$20,536,621  | \$277                | Design/Bid/Build | 11-Aug-16               | 07-Sep-17              | 87 behind                | 73%               | \$125,236     | 0.420%          | Roof work continues and window installation is complete. Third floor work includes painting touch up, flooring tile and case work. Second floor work includes finish painting and ceiling grid work. First floor work includes drywall taping and painting. The project has revised the schedule to indicate a new substantial completion date of October 2, 2017. Start of school occupancy will be delayed.   | \$22,168,797                   |                        |
| North Middlesex North Middlesex Reg              | High School        | CTA Construction Co., Inc.                | \$64,995,000                                  | 870                  | Bid             | 180,530         | \$360                    | \$49,909,000  | \$276                | Design/Bid/Build | 25-May-15               | 07-Jul-17              | 30 behind                | 92%               | \$466,212     | 0.717%          | The project team is working to complete the building ahead of the start of school in August 2017. Finishes continue to be installed through-out the building. Fixture, furniture and equipment is being installed.  | \$38,471,881                   |                        |
| Northborough Lincoln Street                      | Elementary School  | Brait Builders Corp.                      | \$18,450,000                                  | 270                  | Bid             | 52,920          | \$349                    | \$14,514,966  | \$274                | Design/Bid/Build | 27-Apr-15               | 31-Aug-16              | 0                        | 99%               | \$188,487     | 1.022%          | Items remaining include minor punch list items, final commissioning and close out.  | \$9,925,570                    |                        |
| Peabody J Henry Higgins Middle                   | Middle School      | Bacon-Agostini Construction Joint Venture | \$70,679,700                                  | 1,340                | Bid             | 227,314         | \$311                    | \$52,186,177  | \$230                | Design/Bid/Build | 10-Mar-14               | 05-Aug-16              | 0                        | 99%               | \$1,319,121   | 1.866%          | Fields have been planted and irrigation system is on. Landscape punch list is ongoing.  | \$38,652,137                   |                        |
| Plymouth Plymouth South High                     | High School        | Bacon-Agostini Construction Joint Venture | \$90,266,700                                  | 1,005                | Bid             | 248,081         | \$364                    | \$66,744,766  | \$269                | Design/Bid/Build | 06-Jul-15               | 12-May-17              | 14 behind                | 96%               | \$397,045     | 0.468%          | Substantial Completion was achieved on June 2, 2017. Remaining work, systems balancing, and final cleaning are ongoing in anticipation of building occupancy in August 2017. Work associated with the remaining site development and new entrance road will continue through Spring 2018.   | \$45,733,725                   |                        |
| Provincetown Provincetown High                   | High School        | E. Amanti & Sons, Inc.                    | \$5,709,882                                   | 111                  | Bid             | 62,645          | \$91                     | \$3,671,169   | \$59                 | Design/Bid/Build | 14-Mar-16               | 09-Dec-16              | 0                        | 100%              | \$692,071     | 12.121%         | Further exploration of existing envelope leaks in the Principal's office and the building's electrical entry point will be addressed during Summer of 2017.   | \$3,258,431                    |                        |
| Revere Staff Sergeant James J. Hill School       | Elementary School  | CTA Construction Co., Inc.                | \$31,975,839                                  | 690                  | Bid             | 103,650         | \$308                    | \$27,439,789  | \$265                | Design/Bid/Build | 25-Mar-14               | 17-Aug-15              | 0                        | 0%                | \$1,110,455   | 3.473%          | Project closeout efforts continue including punch list items.   | \$28,099,048                   |                        |
| Scituate Gates Intermediate School               | Middle School      | Bacon-Agostini Construction Joint Venture | \$52,596,801                                  | 710                  | Bid             | 164,803         | \$319                    | \$42,947,412  | \$261                | Design/Bid/Build | 08-Dec-15               | 24-Jul-17              | 0                        | 95%               | \$1,895,333   | 3.604%          | Interior finish work nearing completion. Testing and balancing are in progress. Site work including curbing, landscaping, bio-retention areas and plazas are in progress.   | \$20,436,585                   |                        |
| Wachusett Mountview Middle                       | Middle School      | CTA Construction Co., Inc.                | \$43,122,257                                  | 800                  | Bid             | 126,200         | \$342                    | \$28,959,805  | \$229                | Design/Bid/Build | 21-May-14               | 11-Apr-16              | 0                        | 98%               | \$993,666     | 2.304%          | Incomplete commissioning items remain for completion and moving this project into the closeout phase.   | \$24,279,591                   |                        |
| West Bridgewater West Bridgewater Jr-Sr          | Junior High School | CTA Construction Co., Inc.                | \$46,267,914                                  | 625                  | Bid             | 141,250         | \$328                    | \$35,071,188  | \$248                | Design/Bid/Build | 01-Oct-13               | 09-Jul-15              | 0                        | 99%               | \$622,152     | 1.345%          | Commissioning and punch list work ongoing.  | \$26,385,058                   |                        |
| Westfield Abner Gibbs                            | Elementary School  | Fontaine Brothers, Inc.                   | \$25,578,000                                  | 600                  | Bid             | 95,573          | \$268                    | \$21,444,000  | \$224                | Design/Bid/Build | 24-Aug-12               | 01-Jun-19              | 0                        | 2%                | \$0           | 0.000%          | Work stoppage due to preliminary injunction based upon project site status as Article 97 "Protected Land". Preliminary Injunction vacated but city awaiting National Park Service approval for use of site. The General Contractor has demobilized from the site.   | \$20,004,463                   |                        |
| Auburn Auburn Middle                             | Middle School      | Fontaine Brothers, Inc.                   | \$36,412,806                                  | 560                  | Bid             | 100,395         | \$363                    | \$23,350,958  | \$233                | CM-at-Risk       | 27-Feb-14               | 07-Jul-15              | 0                        | 99%               | (\$74,522)    | -0.210%         | All the work is completed, except for the new Roof Top Units and associated work, pending design.   | \$19,761,870                   |                        |
| Beverly Briscoe Middle                           | Middle School      | Bacon-Agostini Construction Joint Venture | \$90,129,432                                  | 1,395                | PFA             | 231,509         | \$389                    | \$62,790,920  | \$271                | CM-at-Risk       | 24-Dec-15               | 30-Mar-18              | 0                        | 49%               | \$0           | 0.000%          | Mechanical, electrical and plumbing trades are progressing throughout the building. Drywall, painting and window installation continues. Roofing work is nearing completion in the area of gym and auditorium. Pouring of structural slabs is ongoing. Installation of fiber cement siding on exterior is progressing.  | \$48,018,498                   |                        |
| Billerica Billerica Memorial High School         | High School        | Shawmut Design and Construction           | \$140,773,848                                 | 1,610                | PFA             | 325,191         | \$433                    | \$79,526,376  | \$245                | CM-at-Risk       | 13-Feb-17               | 04-Mar-19              | 0                        | 9%                | \$0           | 0.000%          | Site work is progressing throughout. Concrete foundation work and structural steel is underway in all sections of the building.   | \$72,127,499                   |                        |
| Boston Dearborn                                  | Middle School      | Gilbane Building Company                  | \$60,245,740                                  | 600                  | Bid             | 128,304         | \$470                    | \$36,655,002  | \$286                | CM-at-Risk       | 08-Sep-15               | 27-Dec-17              | 0                        | 62%               | \$336,587     | 0.559%          | Drywall installation is ongoing. Window and curtain wall installation is ongoing. Skylight installation is underway. Exterior masonry is underway and pace of installation has increased. MEP trades are progressing. Elevator installation has begun. Finishes including painting, ceiling grid, and tile work have started in some areas. Project underwent an archeological investigation after non-native human remains were discovered during drainage filtration system excavation. | \$36,033,391                   |                        |
| Brookline Edward Devotion                        | Elementary School  | Shawmut Design and Construction           | \$92,237,854                                  | 1,010                | Bid             | 227,087         | \$406                    | \$57,910,095  | \$255                | CM-at-Risk       | 11-Jul-16               | 31-Jul-18              | 0                        | 31%               | \$316,561     | 0.343%          | Structural steel has been completed with steel detailing underway. Electrical rough-in work has commenced in the academic areas with electrical inspections to follow.  | \$25,197,463                   |                        |
| Chelsea Clark Avenue School                      | Middle School      | W. T. Rich Company Inc.                   | \$46,046,367                                  | 670                  | Bid             | 115,235         | \$400                    | \$29,311,076  | \$254                | CM-at-Risk       | 23-Feb-15               | 29-Jun-18              | 0                        | 72%               | \$322,255     | 0.700%          | Work this period consisted of the start of placement of concrete footings and walls for the Phase 2 building, followed by application of waterproofing and then backfilling. Installation of underslab piping also is progressing. Structural steel deliveries with placement of steel beginning.   | \$36,163,680                   |                        |
| Gloucester West Parish                           | Elementary School  | W. T. Rich Company Inc.                   | \$29,995,466                                  | 355                  | Bid             | 65,679          | \$457                    | \$18,591,872  | \$283                | CM-at-Risk       | 07-Jul-14               | 15-Jul-16              | 0                        | 100%              | \$631,519     | 2.105%          | Minor punch list and administrative activities are ongoing.   | \$14,673,132                   |                        |
| Haverhill Caleb Dustin Hunking                   | Middle School      | Shawmut Design and Construction           | \$49,544,769                                  | 1,005                | Bid             | 147,996         | \$335                    | \$35,181,852  | \$238                | CM-at-Risk       | 20-Apr-15               | 16-Dec-16              | 0                        | 98%               | \$1,937,468   | 3.911%          | The upper school portion of the new building is in use. The lower school portion of the building will be occupied in September. Punch list work continues on the new building. Commissioning continues throughout the building. Mechanical, electrical and plumbing work continues on the new maintenance building. Site work continues including parking areas and athletic fields.  | \$39,518,874                   |                        |
| Holbrook Holbrook Jr Sr High                     | High School        | Consigli Construction Company, Inc.       | \$78,135,643                                  | 1,095                | Bid             | 217,353         | \$359                    | \$52,399,810  | \$241                | CM-at-Risk       | 24-Jun-15               | 15-Jun-17              | 0                        | 86%               | \$1,996,875   | 2.650%          | Substantial Completion was achieved on June 15, 2017. Project team working on commissioning and punch list. Site work continues including top soil placement and grading, light pole installations, fencing, sidewalks and granite curbing.   | \$53,832,918                   |                        |
| Hopkinton Center                                 | Elementary School  | Colantonio, Inc.                          | \$35,140,982                                  | 395                  | PFA             | 83,256          | \$422                    | \$21,864,684  | \$263                | CM-at-Risk       | 03-Oct-16               | 31-Jul-18              | 0                        | 35%               | \$148,521     | 0.423%          | Structural steel nearing completion. Building underground utilities and site work are in progress. Building exterior and roofing are in progress. Interior and exterior masonry started, interior framing is in progress.   | \$13,763,197                   |                        |
| Lunenburg Lunenburg High                         | Junior High School | Shawmut Design and Construction           | \$57,994,017                                  | 820                  | Bid             | 169,018         | \$343                    | \$41,982,415  | \$248                | CM-at-Risk       | 15-Aug-14               | 30-Jun-16              | 0                        | 99%               | \$1,188,726   | 2.050%          | Commissioning and punch list work ongoing. Final site work to be completed by Fall 2017.  | \$34,122,826                   |                        |
| Milford Woodland                                 | Elementary School  | Shawmut Design and Construction           | \$48,375,101                                  | 985                  | Bid             | 132,539         | \$365                    | \$34,861,130  | \$263                | CM-at-Risk       | 01-Apr-15               | 28-Jul-16              | 0                        | 98%               | \$1,472,225   | 3.043%          | Punch list and additional owner requested changes/work are in progress.   | \$27,418,234                   |                        |
| Mount Greylock Mt Greylock Reg High              | High School        | Turner Construction Company               | \$52,310,706                                  | 535                  | PFA             | 132,800         | \$394                    | \$30,982,991  | \$233                | CM-at-Risk       | 30-Mar-17               | 14-Nov-18              | 0                        | 20%               | \$0           | 0.000%          | Demolition and abatement is ongoing in the existing building. Structural steel and support columns for the administration and cafeteria portion of the building have commenced. Exterior framing, under-slab mechanical, electrical and plumbing work continues on the new maintenance building. Roof system work, interior wall framing and door frames are all ongoing.   | \$32,491,074                   |                        |
| Newton A E Angier                                | Elementary School  | W. T. Rich Company Inc.                   | \$30,158,875                                  | 465                  | Bid             | 74,960          | \$402                    | \$19,837,027  | \$265                | CM-at-Risk       | 22-Aug-14               | 04-Jan-16              | 0                        | 99%               | \$366,791     | 1.399%          | The pavement repair work has been completed in early July. Issue at sliding glass doors at main reception is still in discussion, the decision is expected shortly.   | \$10,687,077                   |                        |
| North Reading North Reading High                 | Junior High School | Gilbane Building Company                  | \$101,328,353                                 | 1,370                | Bid             | 267,939         | \$378                    | \$66,726,592  | \$249                | CM-at-Risk       | 01-May-12               | 21-Aug-15              | 0                        | 99%               | \$3,512,026   | 3.466%          | Drain line corrective work is underway, along with remaining landscape and punch list items. All remaining work is scheduled to be complete by mid-August 2017.   | \$47,071,882                   |                        |
| Pittsfield Taconic High                          | High School        | Gilbane Building Company                  | \$97,757,373                                  | 920                  | PFA             | 246,520         | \$397                    | \$56,984,184  | \$231                | CM-at-Risk       | 21-Mar-16               | 29-Jun-18              | 0                        | 41%               | \$1,038,514   | 1.062%          | A and B building which contain common areas, progress continues on all mechanical rough ins as well as masonry wall construction, metal framing, and spray fireproofing. Precast panel installations were completed on the exterior of the A&B buildings as well as C&D which contain the automotive and other shop areas and classrooms. Roofing was completed, and the start of window installations. Interior metal framing began in Buildings C&D.                                    | \$71,935,008                   |                        |

**Projects in Construction  
MSBA Grant Basis and Maximum Grant Amount  
Data Reported as of July 24, 2017**

|  |                   |                                     |                    |       |     |         |              |              |              |                  |           |           |   |     |             |         |   |                     |
|--|-------------------|-------------------------------------|--------------------|-------|-----|---------|--------------|--------------|--------------|------------------|-----------|-----------|---|-----|-------------|---------|---|---------------------|
| Stoughton Stoughton High   | High School       | Consigli Construction Company, Inc. | \$100,961,191      | 1,065 | PFA | 214,860 | \$470        | \$58,510,773 | \$272        | CM-at-Risk       | 12-Jun-17 | 22-Aug-19 | 0 | 1%  | \$0         | 0.000%  | Contractor has mobilized and site work has begun.   | \$51,078,994        |
| Westborough Sarah W Gibbons Middle                                       | Middle School     | Gilbane Building Company            | \$21,595,600       | 550   | Bid | 110,000 | \$196        | \$12,693,993 | \$115        | CM-at-Risk       | 22-Jun-16 | 25-Aug-17 | 0 | 84% | \$790,610   | 3.661%  | Phase 4 and 5 work, including boiler room, auditorium and administration offices, are nearing completion as project approaches target substantial completion date. Final overhead work in the corridors to tie-in to classrooms is being completed. Locker rooms and bathrooms are in final cleaning.             | \$11,113,998        |
| Wilmington Wilmington High   | High School       | Gilbane Building Company            | \$67,558,835       | 960   | Bid | 192,443 | \$351        | \$48,060,314 | \$250        | CM-at-Risk       | 30-Apr-13 | 12-Feb-15 | 0 | 99% | \$2,881,004 | 4.458%  | Resolution of gym floor issues is ongoing.  | \$35,674,893        |
| Winchester Winchester High School  | High School       | Consigli Construction Company, Inc. | \$101,404,577      | 1,370 | Bid | 278,925 | \$364        | \$70,862,283 | \$254        | CM-at-Risk       | 23-Apr-14 | 31-Aug-17 | 0 | 96% | \$6,276,305 | 6.189%  | The District's technology sub is continuing to complete the technology installation. Phase 3 of 3 has been completed and the testing and flush out will be completed by the end of July. Curbing, asphalt paving, concrete pours, site signage, line striping, guard rail install and other site work is ongoing. | \$42,187,027        |
| Worcester Nelson Place   | Elementary School | Fontaine Brothers, Inc.             | \$46,546,300       | 600   | Bid | 111,256 | \$418        | \$29,503,564 | \$265        | CM-at-Risk       | 01-Jul-15 | 31-May-17 | 0 | 83% | (\$147,809) | -0.318% | Substantial Completion was achieved on May 31, 2017. The Site work is in progress, curbing is being installed at the playgrounds and around the roads. The fixtures, furniture and equipment have been delivered. Abatement and demolition of the old school is in progress.                                      | \$33,324,289        |
| Carver Carver Elementary School  | Elementary School | CTA Construction Co., Inc.          | \$41,426,767       | 750   | PFA | 112,350 | \$369        | \$26,491,831 | \$236        | Undetermined     | 27-Sep-16 | 22-Jun-18 | 0 | 30% | \$37,882    | 0.096%  | Roofing substrate installation continues. Exterior wall construction continues to progress and installation of interior steel studs, framing and drywall continues. Site utilities activity remain ongoing.   | \$25,814,682        |
| Granby West St   | Elementary School | Fontaine Brothers, Inc.             | \$26,453,000       | 430   | PFA | 68,760  | \$385        | \$16,570,000 | \$241        | Undetermined     | 07-Feb-17 | 17-Aug-18 | 0 | 25% | \$0         | 0.000%  | Installation of footing and foundations at the addition is ongoing, rough underslab utilities are in progress, installation of overhead mechanical, electrical and plumbing of the Kitchen and cafeteria is ongoing, site work is in progress.  | \$16,867,064        |
| Woburn Wyman   | Elementary School | CTA Construction Co., Inc.          | \$27,017,841       | 410   | PFA | 70,701  | \$382        | \$18,251,786 | \$258        | Undetermined     | 10-Jan-17 | 11-Jul-18 | 0 | 35% | \$51,107    | 0.189%  | Building exterior continues with installation of exterior light gauge framing and sheathing. Interior metal stud framing and masonry for the elevator shaft have commenced. Above grade mechanical, electrical and plumbing roughing is ongoing and site grading and drainage system work, also, is ongoing.      | \$13,974,154        |
| <b>Waitlist Totals</b>   |                   |                                     | <b>\$8,965,000</b> |       |     |         | <b>\$139</b> |              | <b>\$108</b> |                  |           |           |   |     |             |         |   | <b>\$10,131,806</b> |
| New Bedford Taylor School at the Sea Lab Marine Science Education Center | N/A               | M. O'Connor Contracting, Inc.       | \$8,965,000        | 284   | Bid | 64,533  | \$139        | \$6,967,355  | \$108        | Design/Bid/Build | 28-Nov-15 | 01-Nov-16 | 0 | 99% | \$457,938   | 5.108%  | Work continues on punch list items.   | \$10,131,806        |