Massachusetts School Building Authority

Steven Grossman
Chairman, State Treasurer

Katherine Craven
Executive Director



Board Meeting

July 27, 2011



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- Project Visits
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Project Visits

Since the June 13th Board meeting, the MSBA has visited 27 Districts

Project Visits	Project Visits	Town Meetings/Topping Off Ceremony
Belmont Beverly Billerica Brookline Burlington Hampden-Wilbraham Longmeadow Malden Middleton Nashoba Natick Norfolk Plymouth	Rochester Sharon Shawsheen VTHS Southbridge Springfield – Putnam VTHS Sturbridge Taunton Tewksbury Wayland Wellesley Woburn Worcester	Methuen Sutton

Project Visits

Upcoming events anticipated in August and September

Project Visits	Project Visits	Appropriation Votes	Groundbreakings / Check Presentations / Topping Off Ceremonies
Belmont Brookline Burlington Danvers Hampden – Wilbraham Leominster Longmeadow Middleton Natick Norfolk	Sharon Shawsheen RVTHS Southbridge Springfield Sturbridge Sutton Wayland Wellesley Woburn	**August** Revere	Hanover Norwood Burlington

Project Invite | Greater Lawrence

Greater Lawrence | Invitation to Feasibility Study

- Greater Lawrence Vocational Technical High School
  - Grades 9-12
  - Built 1965
  - Repair Project

Project Recategorization

Greenfield High School

- Reclassification of High School from Repair to Feasibility Study for Renovation
  - Feasibility Study is limited to renovation options only to improve delivery of their educational program.

Southwick – Tolland Regional High School

- Reprioritization of District selected project from Woodland ES to High School
  - Contingent upon successful expansion of the regional school district to include the Town of Granville, the MSBA would also participate in repairs at Woodland ES and Powder Mill MS.

Winthrop High School

- Reclassification High School Repair to Feasibility Study
  - Feasibility study to include option for combined middle / high school options to address facility and educational deficiencies.
  - Community outreach required to determine local educational and financial support for a combined middle / high school project.

SOI Removal

Carver – John Carver Elementary

- April 23, 2011 failed town vote
- District chose not to hold special election

District	School	Board Invitation	Further Board Approval	Reason for removal from capital pipeline	Additional Statements of Interest on file
Carver	Governor John Carver Elementary School	November 28, 2007	Preferred Schematic Design on September 30, 2009	The MSBA Board of Directors voted in September 2009 to move the District into schematic design. Since that time, the District's voters have twice rejected the debt exclusion for schematic design funds, and this past April, Carver voters failed to approve a non-binding referendum to demonstrate support for funding the proposed project.	No additional Statements of Interest on file.

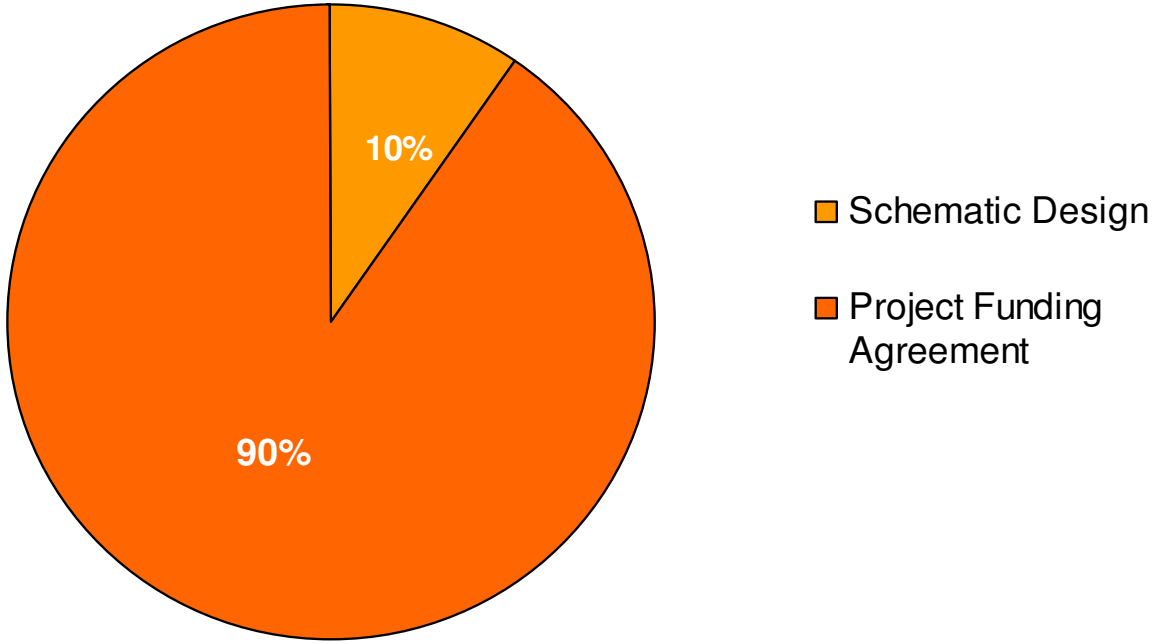
Green Repair | Project Funding Agreement

Green Repair Project Phase

90% - 158 projects authorized for PFA

Total Project Budget $344,786,356

Total Maximum Facilities Grants $210,515,566





Green Repair | Schematic Design

The following 9 districts, representing 17 projects, are currently in the schematic design phase and soon will be submitting the conclusion of their studies

District	School	Scope	Invite Date
Agawam	Agawam Junior High	Roof, Windows	November 17, 2010
Hadley	Hopkins Academy	Roof	November 17, 2010
Lowell	Lowell High School	Roof	February 9, 2011
Lowell	Moody Elementary School	Roof, Windows, Boiler	February 9, 2011
Lowell	Peter W. Reilly Elementary School	Roof, Windows	February 9, 2011
Lowell	Washington Elementary School	Roof, Windows, Boilers	February 9, 2011
Marlborough	Francis J. Kane Elementary School	Windows	November 17, 2010
Marlborough	Marlborough High School	Roof, Windows, Boiler	November 17, 2010
Natick	Johnson Elementary School	Windows, Boiler	February 9, 2011
North Andover	Atkinson Elementary School	Windows	February 9, 2011
North Andover	North Andover Middle School	Roof	February 9, 2011
North Andover	Annie L. Sargent Elementary School	Roof	February 9, 2011
Pioneer Valley	Bernardston Elementary School	Boiler	February 9, 2011
Pioneer Valley	Pioneer Valley Regional	Boiler	February 9, 2011
Pioneer Valley	Northfield Elementary School	Roof, Windows	February 9, 2011
West Boylston	Major Edwards Elementary School	Windows	November 17, 2010
Westport	Westport Middle School	Windows	November 17, 2010



Green Repair | Project Funding Agreement

12 Districts – 23 Schools

$87 M in Total Project Budgets | $59.5 M in MSBA Grants

District Name	School Name	Age of Building	Grade	09/10 Enroll	Existing SF	Scope	Total Project Budget ($)	Ineligible/ Excluded ($)	Est. Basis Total Facilities Grant ($)	Reimb Rate (%)	Est. Total Max Facilities Grant ($)
Cape Cod	Cape Cod RVT HS	1973	9-12	693	214,000	Boilers	358,500	14,074	344,426	38	130,710
Grafton	Grafton HS	1964	9-12	670	166,000	Roof	361,414	-	361,414	53	191,152
Haverhill	Hunking MS	1959	6-8	455	57,000	Windows	1,418,810	23,530	1,395,280	72	1,003,346
	Consentino MS	1969	5-8	695	108,300	Windows + Boilers	1,780,141	69,465	1,710,676	72	1,230,147
	Greenleaf ES	1888	K-2	245	37,925	Roof	514,869	8,296	506,573	72	364,277
	John G. Whittier MS	1957	5-8	477	54,500	Windows	1,271,303	20,883	1,250,420	72	899,177
	Tilton ES	1890	K-4	625	68,475	Roof	902,137	14,723	887,414	72	638,139
	Walnut Square ES	1897	K-2	144	16,500	Roof + Boilers	1,007,358	41,646	965,712	72	694,444
Middleborough	Mary K. Goode ES	1957	1-2	568	54,096	Windows	522,704	2,743	519,961	55	284,887
Mohawk Trail	Buckland-Shelburne ES	1958	PK-6	197	63,000	Roof	1,042,779	93,734	949,045	63	600,271
	Colrain Central School	1952	PK-6	108	28,600	Roof + Windows	903,528	54,041	849,487	63	537,300
	Mohawk Trail Reg. HS	1967	7-12	566	147,717	Roof + Windows	3,483,806	228,233	3,255,573	63	2,059,150
Nauset	Nauset Regional HS	1972	9-12	975	330,000	Roof + Windows	6,702,800	210,115	6,492,686	37	2,423,070
North Middlesex	Ashby ES	1952	K-5	211	58,000	Roof + Windows	1,567,632	25,970	1,541,662	56	857,627
	Spaulding Memorial ES	1932	K-4	517	79,820	Roof	1,281,984	188,848	1,093,136	56	608,112



Green Repair | Project Funding Agreement

12 Districts – 23 Schools

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Northborough	Robert E. Melican MS	1970	6-8	649	132,000	Boilers	657,236	22,281	634,955	49	309,096
Peabody	John E. Burke ES	1965	K-5	314	54,580	Roof, Boilers, Windows	2,909,873	185,295	2,724,578	53	1,452,745
	Wiliam A. Welch Sr. ES	1972	PK-5	328	58,518	Roof	1,280,511	67,593	1,212,918	53	646,728
Salem	Collins MS	1909	6-8	659	240,000	Roof, Boilers, Windows	40,698,953	458,413	40,240,540	78	31,492,247
	Saltonstall ES	1914	K-8	381	84,005	Roof, Boilers, Windows	15,503,406	432,500	15,070,906	78	11,794,491
West Boylston	Major Edwards ES	1937	PK-5	436	60,210	Windows	352,833	27,284	325,549	56	183,154
Westport	Macomber School	1956	PK-K	234	31,636	Roof	619,404	8,521	610,883	46	281,984
	Westport HS	1954	9-12	507	155,000	Roof	1,879,936	26,356	1,853,580	46	855,613
Total $							**87,021,917**		**84,797,374**		**59,537,865**

Summary of Bid Data | As of 7/21/11

		Bids Received Prior to May 1, 2011		Bids Received Between May 1, 2011 & July 21, 2011	
	Total	Under	Over	Under	Over
Roof	**48**	9	3	31	5
Windows	**24**	3	6	12	3
Boiler	**17**	2	5	5	5
Total	**89**	**14**	**14**	**48**	**13**

MSBA staff have reviewed bid data for the majority of bids received through July 21, 2011.

- Roof – approximately 50% of all roof bids received.
- Windows – approximately 35% of window bids received.
- Boilers - approximately 35% of boiler bids received.

Bid data still required from recent bids to complete analysis.

Summary of Bid Data

Of the Roof bids reviewed,

- 85% or 40 school projects have come in under budget by ~27%
- 15% or 7 school projects have come in over budget by ~8%

Of the Window bids reviewed,

- 65% or 15 school projects have come in under budget by ~21%
- 35% or 8 school projects have come in over budget by ~8%

Of the Boiler bids reviewed,

- 41% or 7 school projects have come in under budget by ~19%
- 59% or 10 school projects have come in over budget by ~14%

Remedies sought by Districts for those over budget include:

- Requesting schedule extensions to re-bid at a later date
- Appropriating additional funds to cover the costs of the contract
- Re-bidding immediately with revised bid documents

• Bid results compared to the estimated Construction Budgets proposed by each District's Consultants for approval by the MSBA Board of Directors for a Project Funding Agreement.

Summary of Bid Data

The following is a forecast of the projects going out to bid between August 1, 2011 – December 31, 2011:

	Roofs	Windows	Boilers
August	4	0	0
September	15	16	12
October	2	1	0
November	2	3	7
December	2	1	0
Total 2011	**25**	**21**	**19**
Remaining 2012 Bids	6	6	2
Total Remaining Bids	**31**	**27**	**21**



Green Repair | Next Actions

- MSBA staff is currently working on a report which will review the lessons learned from the Green Repair Program by providing a full analysis of the following:
    - Green Repair Program Processes and Procedures
    - Accelerated Construction Schedule
    - Scope Limitations
    - Multiple Projects Per District
    - Consultant Selection Process
    - Cost Data Selection and Analysis

Green Repair | Next Actions

- The review will be conducted with two main goals in mind:
  - determining how best to distribute any remaining Green Repair Program funds; and
  - informing program procedures for the MSBA Capital Pipeline repairs moving forward.
- MSBA will continue to compile cost data and feedback prior to reporting its findings at the August 24, 2011 Facilities Assessment Subcommittee Meeting and September 28, 2011 Board of Directors Meeting

Preferred Schematic

District	School	Age of Existing Building	Grade	2010/ 2011 enroll.	Proj. Enroll	Existing Sq.Ft.	Proposed New Square Footage	Current MSBA Category	Proposed Scope of Project	Estimated Construction Cost of Preferred Schematic	MSBA Total Facility Grant Basis	Reimbursement Rate Before Incentives	Approx. Total Grant amount
Concord Carlisle	Concord Carlisle Regional High School	1961	9-12	1,208	1,225	233,800	240,600	Feasibility Study	New Construction	$73,503,776	TBD	31.00%	TBD
Franklin	Franklin High School	1971	9-12	1,633	1,650	327,000	305,000	Feasibility Study	Model	$78,627,856*	TBD	49.94%	TBD
Southern Worcester	Bay Path Regional Voc-Tech High School	1972	9-12	1,077	1,110	198,000	248,970	Feasibility Study	Add / Reno	$47,723,924	TBD	61.20%	TBD
Wilmington	Wilmington High School	1950	9-12	980	960	154,000	192,443	Feasibility Study	New Construction	$63,477,467	TBD	48.47%	TBD

* Estimated construction cost based on non-model school new construction



Preferred Schematic

Concord Carlisle – Concord Carlisle Regional High School

- Built in 1961
- Grades 9-12
- Enrollment: 1,225
- Proposed scope of project: New Construction
- Existing square footage: 233,800 sf
- Total square footage of proposed project: 240,600 sf
- Estimated construction cost of preferred schematic: $73,503,776



Preferred Schematic

Franklin – Franklin High School

- Built in 1971
- Grades 9-12
- Enrollment: 1,650
- Proposed scope of project: New Construction - Model School
- Existing square footage: 327,000 sf
- Total square footage of proposed project: TBD
- Estimated construction cost of preferred schematic: TBD



Preferred Schematic

Southern Worcester – Bay Path Regional Vocational Technical High School

- Built in 1972
- Grades 9-12
- Enrollment: 1,110
- Proposed scope of project: Add / Reno
- Existing square footage:198,000 sf
- Total square footage of proposed project: 248,970 sf
- Estimated construction cost of preferred schematic: $47,723,924

Preferred Schematic

Wilmington – Wilmington High School

- Built in 1950
- Grades 9-12
- Enrollment: 960
- Proposed scope of project: New Construction
- Existing square footage: 154,000 sf
- Total square footage of proposed project: 192,443 sf
- Estimated construction cost of preferred schematic: $63,477,467



Project Scope and Budget

District	School	Age of Existing Building	Grade	2009/10 Enroll	Projected Enroll	Existing Sq.Ft.	Proposed Square Footage	Project Scope	District Total Project Budget	MSBA Total Facility Grant Basis	Reimbursement Rate	Approximate Total Grant Amount
Arlington	Thompson Elementary	1956	K-5	335	380	55,000	57,396	New Construction	$20,773,363	$19,071,405	50.42%	$9,615,802



Project Scope and Budget

Arlington – Thompson Elementary School

- Built in 1956
- New Construction
- Proposed Square Footage: 57,396 sf
- Grades K-5
- District Total Project Budget: $20,773,363
- Basis of Maximum Grant Amount: $ 19,071,405
- Reimbursement Rate: 50.42%
- MSBA Maximum Grant Amount: $9,615,802
- Town Meeting Vote: 6/16/11 – Passed
- Debt override Vote not required

MSBA Capital Pipeline



Local Clearance

District Action Required

- 17 Projects in Local Clearance*:
  - 3 enrollments completed this period
  - Project enrollments complete for 71,355 students
  - Seven Districts are evaluating local options for financing and project execution
    - (Chelsea, Fitchburg, Gloucester, Minuteman Reg Voc Tech, Northampton Voc Tech, Northeast Voc Tech, Orange)
  - Seven Districts are completing Prerequisites and are actively seeking local authorizations and funding
    - (Abington, Boston/Dearborn, Harwich-Chatham, Lunenburg, Lynn, Revere, Westborough)
  - Three Districts are completing Prerequisites and have secured local authorizations and funding
    - (Athol-Royalston, Ayer-Shirley, Winchester)

*Excludes Green Repair Projects

Professional Services Procurement

MSBA Staff assists Districts in the procurement of professional services

- 23 Total Projects are currently procuring for professional services*
  - 7 Districts completed OPM Procurement this period:
    - Chicopee, Lynnfield, W. Bridgewater, Wakefield, Marshfield, Greater New Bedford, Somerset Berkley
  - 14 Districts are actively procuring Owner's Project Manager (OPM) Services:
    - Auburn, Berkshire Hills RSD, Greater Lowell, Holbrook, Lexington, New Bedford (Taylor ES and High School), Newburyport (Bresnahan ES and Nock MS), Old Colony RVTHS, South Hadley, Spencer-East Brookfield, Wachusett, Whitman-Hanson
  - Over $84 Million in OPM fees to date
  - 2 Districts participated in DSP and selected designers this period:
    - Georgetown, Wakefield
  - 9 Districts are in the process of selecting a designer:
    - 7 Districts scheduled for upcoming DSP meetings (Boston, Chicopee, Greater New Bedford, Lynnfield, Webster, W. Bridgewater, Winthrop)
    - 2 districts have procured model school designers (Marshfield and Somerset-Berkley)
  - Over $207.6 Million in designer fees to date

*Excludes Green Repair Projects



Feasibility Study

MSBA Staff collaborate with Districts to determine the most educationally appropriate and cost effective solution resulting in a robust schematic design of sufficient detail to define the scope of work for the proposed project.

- 23 Total Projects are working with staff to define the scope of a proposed project for MSBA Board Consideration*
  - 13 Districts are performing feasibility studies to determine their preferred solution.
    - 5 elementary schools (Georgetown, Lincoln, Narragansett, Southwick-Tolland, Williamsburg)
    - 5 middle schools (Hingham, North Adams, Peabody, Stoneham, Wakefield)
    - 3 high schools (Greenfield, North Reading, Pittsfield)
  - 4 High Schools presenting preferred solution at today's Board Meeting:
    - (Concord-Carlisle RSD, Franklin, Wilmington, Southern Worcester – Baypath RVT)
  - 6 Districts are advancing the MSBA Board approved solution into schematic design.
    - 3 elementary schools (3 new: Fairhaven, Westfield, Weston)
    - 1 middle school (1 repair: Saugus)
    - 1 middle/high school (1 new: Duxbury)
    - 1 regional voc tech high school (1 repair: Assabet Valley RVT)

*Excludes Green Repair Projects



Design Development + Construction Process

MSBA Staff monitor scope, budget and schedule

- 178 Projects at estimated $2.65 Billion total construction cost:
  - 83 Projects in Design Development ($0.90 Billion)
    - 29 Construction bids in 2011 ($996 Million)
  - 103 Projects in Construction ($1.75 Billion)
    - 42 Green Repair Projects to be completed in 2011
    - 17 New Program / Waitlist Projects to be completed in 2011

- Commissioning
    - 43 Commissioning consultant contracts executed this period for $2,257,617
    - Over $10.6 Million in consultant contracts to date



Design Development

MSBA Staff monitor scope, budget and schedule

- 83 Total projects in Design Development
  - 62 Green Repair Program Projects - $94.36 Million
  - 21 New Program Projects - $802.24 Million
    - 7 Elementary Schools
      - Andover, Ashburnham-Westminster, Brookline, Douglas, Marblehead, Somerville, Winchester
    - 5 Middle Schools
      - Fall River, Hudson, Medway, Quincy, Springfield Forest Park
    - 9 High Schools
      - Dracut, East Bridgewater, Essex North Shore Agr., Maynard, Methuen, Norfolk County Agr., Norton, Southeastern RVT, West Springfield

Estimated Bid Dates

2011

2011 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.

- Denotes bid phase in progress or complete

- Denotes estimated bid dates

DISTRICT *Projects Considering the CM @ Risk Method	DESIGN BASIS FOR ENROLLMENT	PROJECT BUDGET Shown in Millions	CONSTRUCTION BUDGET Shown in Millions	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
*SOUTHBRIDGE	1050	$76.5	60.1	Southbridge HS New Construction: Filed-Sub Bids rcv'd 1/7. GMP Issued 2/7.											
*SHREWSBURY	900	$47.3	$37.0		Sherwood MS New Construction: Filed-Sub Bids rcv'd 2/7. GMP Issued 5/10.										
SO. SHORE RVT	595	$3.2	$2.6	Regional VTHS Repair: Filed-Sub Bids rcv'd 1/7. G.C. Bids rcv'd 1/18. NTP issued 5/9.											
CARLISLE	700	$20.0	$15.6		Carlisle ES Addition/Renovation: Filed-Sub Bids rcv'd 1/26. G.C. Bids rcv'd 2/4. NTP Issued 2/9.										
MARSHFIELD	485	$2.4	$2.0	Marshfield Edward Winslow ES Repair: Filed-Sub Bids rcv'd 1/14. G.C. Bids rcv'd 1/21. NTP Issued 2/12.											
*UXBRIDGE	600	$43.0	$34.4			Uxbridge HS New Construction: Early Site & Steel Package rcv'd 1/13. Filed-Sub Bids rcv'd 3/17. GMP Issued 3/31.									
*BURLINGTON	880	$32.9	$24.7			Marshall Simonds MS Addition/Renovation: Filed-Sub Bids rcv'd 3/22. GMP Issued 4/12.									
BERLIN / BOYLSTON	560	$44.0	$34.2				Tahanto MS/HS New Construction: Filed-Sub Bids rcv'd 4/7. G.C. Bids rcv'd 4/20. NTP issued 5/10.								
EASTHAMPTON	510	$43.7	$33.5				Easthampton HS New Construction: Filed-Sub Bids rcv'd 4/20. G.C. Bids rcv'd 5/6. NTP issued 5/16.								
*LONGMEADOW	1000	$78.5	$63.8				Longmeadow HS New Construction: Filed-Sub Bids rcv'd 4/28. GMP issued 5/12.								
SUTTON	840	$59.9	$46.4					Sutton MS New Construction: Filed-Sub Bids Due 5/4. G.C.Bids Due 5/18. NTP issued 5/26.							
*LEOMINSTER	1805	$45.9	$32.7					Leominster HS Addition/Renovation: Filed-Sub Bids Due 6/2. GMP issued 6/23.							
*SOMERVILLE	500	$33.2	$15.2						East Somerville Community School Addition/Renovation: Filed-Sub Bids Due 6/14. GMP Targeted July.						
*ADAMS/CHESHIRE	805	$40.6	$30.0						Hoosac Valley MHS Addition/Renovation: Filed-Sub Bids Due 7/26. GMP Targeted July.						
MAYNARD	410	$45.8	$35.6						Maynard HS New Construction: Filed-Sub Bids Due 7/13. G.C. Bids Due 7/27. NTP Targeted August.						
HUDSON	715	$44.1	$34.8								JFK MS New Construction: Filed-Sub Bids Due 8/29. G.C. Bids Due 9/12. NTP Targeted September.				
*METHUEN	2075	$99.1	$74.9							Methuen HS Addition/Renovation: Filed-Sub Bids Due8/23. GMP Targeted Sept-Oct.					
Subtotal	**14,430**	**$760.1**	**$577.5**												

Estimated Bid Dates

2011

2011 Estimated Bid Dates

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DISTRICT *Projects Considering the CM @ Risk Method	DESIGN BASIS FOR ENROLLMENT	PROJECT BUDGET Shown in Millions	CONSTRUCTION BUDGET Shown in Millions	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
*MEDWAY	853	$22.1	$18.2						Medway MS Repair: Filed-Sub Bids Due 9/27. GMP Targeted October.						
EAST BRIDGEWATER	950	$77.1	$60.3				East Bridgewater HS New Construction: Filed-Sub Bids Due 8/10. G.C. Bids Due 8/24. NTP TargetedAugust.								
*ANDOVER	680	$44.7	$34.5			Bancroft ES New Construction: Early Site Packages Due 7/15. Early Foundation and Steel Packages Due 9/7.							Filed-Sub Bids Due 10/30. GMP Targeted December.		
BROOKLINE	560	$8.8	$7.0		Brookline Heath ES Addition/Renovation: Filed-Sub Bids Due 8/26. G.C. Bids Due 9/7. NTP Targeted September										
WEST SPRINGFIELD	1270	$107.6	$73.3				West Springfield HS New Construction: Filed-Sub Bids Due 9/9. G.C. Bids Due 10/3. NTP Targeted October								
FALL RIVER	625	$53.2	$42.4			Fall River Morton MS New Construction: Filed-Sub Bids Due August. G.C. Bids Due September. NTP Targeted September.									
QUINCY	620	$50.0	$32.6					Central MS HS New Construction: Filed-Sub Bids Due 10/25. G.C. Bids Due 11/15. NTP Targeted December.							
WINCHESTER	420	$28.7	$21.7							Vinson-Owen ES New Construction: Filed-Sub Bids Due 11/24. G.C. Bids Due 12/15. NTP Targeted January 2012.					
DOUGLAS	552	$32.2	$24.8								Douglas IS New Construction: Filed Sub Bids Due 12/2. G.C. Bids Due 12/16. NTP Targeted December.				
*ASHBURNHAM-WESTMINSTER	520	$30.0	$24.8								JR Briggs ES New Construction: Filed-Sub and G.C. Bids Targeted November to February. NTP Targeted March				
*SRINGFIELD -FOREST PARK	660	$43.4	$34.0								Springfield Forest Park MS : Filed Sub Bids Due 12/27. GMP Targeted February 2012.				
NORFOLK COUNTY AGRICULUTURAL	550	$28.6	$22.3								Norfolk County Aggi Renovation: Filed Sub Bids Due 12/5. G.C. Bids Due 12/19. NTP Targeted December.				
Subtotal	**8,260**	**$526.4**	**$395.9**												
GRAND TOTAL	**22,690**	**$1.286B**	**$973.4**												
Number of Construction-Related Employment			**4,867**												

Estimated Bid Dates

2012

2012 Estimated Bid Dates

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*ESSEX-NS	1440	$125.0	$96.50				Essex Northshore HS New Construction: Early Site Packages 11/21/11 - 1/19/12. Filed-Sub Bids Due 3/1/12. GMP Targeted April.								
DRACUT	1160	$60.4	$47.30				Dracut Senior HS Addition/Renovation: Filed-Sub Bids Due 2/1. G.C. Bids Due 2/15. NTP Targeted March								
*NORTON	700	$34.6	$27.0				Norton HS Addition/RenovationFiled-Sub Bids Due 2/9. GMP Targeted March.								
MARBLEHEAD	425	$25.9	$20.2					Marblehead Glover ES New Construction: Filed-Sub Bids Due 2/29. GMP Targeted March.							
Subtotal	**3,725**	**$245.9**	**$191.0**												
GRAND TOTAL	**3,725**	**$246**	**$191**												
Number of Construction-Related Employment			**955**												

Construction Projects

MSBA Staff monitor scope, budget and schedule

- 95 Projects in Construction
  - 50 Green Repair Program Projects
  - 45 New Program and Waitlist Projects
    - 14 Elementary Schools
      - Belmont, Billerica, Brookline, Burlington Memorial, Carlisle, Dedham, Marshfield, Middleton, Nashoba, Needham, Norfolk, Rochester, Sturbridge, Woburn
    - 7 Middle + Middle/High Schools
      - Adams-Cheshire, Burlington Marshall Simonds, Rockland, Sharon, Shrewsbury, Sutton, Taunton
    - 24 High Schools

Repair	Add/Reno	New		Models
Foxborough	Beverly	Berlin-Boylston	Springfield Voc Tech	Hampden-Wilbraham
Haverhill	Danvers	Easthampton	Uxbridge	Natick
Holyoke	Leominster	Grafton	Wayland	Norwood
	Malden	Hanover	Wellesley	Plymouth North
	Shawsheen Valley	Longmeadow	Worcester North	Tewksbury
		Southbridge		

Summary of Bid Data

Year	Number of Projects	Design Basis for Enrollment	Project Budget	Construction Budget
2009	11	8,188	$205.6 M	$171.5 M
2010	33	26,184	$1.37 B	$1.07 B
2011	29	22,690	$1.2B	$973.4M
2012	4	3,725	$245.9M	$191.0 M
Grand Total	77	60,787	$3.02 B	$2.41 B

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

- Of the 29 projects scheduled to bid in 2011, 6 G.C. bids have been received and 6 GMP's executed.
- To date, the bid variance from project estimate for the 2011 projects is $23.2M with potential grant variance of $10.2M.
- Bids received in June: Leominster, East Somerville
- Anticipated Bids:

  July – Adams/Cheshire, and Maynard

  August – Methuen and East Bridgewater

Project Estimate vs. Bid Amount

			Total	**$511,480,715**	**$488,270,145**	**$23,210,570**	**-**	**$10.5M**
District	**School**	**Scope**	**Bid Date**	**Construction Estimate**	**Bid Amount**	**Variance from Project Estimate**	**Reimbursement Rate**	**Potential Grant Variance ***
So. Shore RVT	Regional VTHS	Repair	Jan-11	$2,642,370	$2,311,007	$331,363	52.06%	$172K
Marshfield	Edwards Winslow ES	Repair	Jan-11	$1,868,688	$1,606,479	$262,209	46.37%	$122K
Southbridge	Southbridge HS	New	Jan-11	$60,165,207	$59,407,632	$757,575	80.00%	$606K
Carlisle	Carlisle K-8	Add/Reno	Feb-11	$15,644,463	$14,889,000	$755,463	40.00%	$302K
**Grafton	Memorial Sr HS	New	Dec-10	$57,444,991	$54,149,289	$3,295,702	56.89%	$1.87M
**Rockland	J. Rogers MS/HS	New	Dec-10	$66,525,788	$64,623,632	$1,902,156	64.26%	$1.22M
Shrewsbury	Sherwood MS	New	Feb-11	$37,025,358	$34,076,286	$2,949,072	54.16%	$1.48M
Uxbridge	Uxbridge HS	New	Mar-11	$34,469,807	$35,265,819	-$796,012	57.53%	$0
Burlington	Marshall Simonds MS	Add/Reno	Mar-11	$24,683,286	$24,420,100	$263,186	54.01%	$142K
Berlin- Boylston	Tahanto MS/HS	New	Apr-11	$34,180,397	$31,287,000	$2,893,397	51.21%	$1.48M
Longmeadow	Longmeadow HS	New	May-11	$63,773,871	$62,898,150	$875,721	51.84%	$454K
Sutton	Sutton MS	New	May-11	$46,356,674	$40,175,700	$6,180,974	55.39%	$3.42M
Easthampton	Easthampton HS	New	May-11	$33,463,815	$30,451,000	$3,012,815	63.84%	$1.92M

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



Audit Status Update

- Former Program Projects
  - MSBA has completed final audits of 772 of the 789 Former Program projects totaling over $14 billion in submitted costs;
  - Achieved audit savings of over $1.1 billion, and
  - Audited over $769 million in costs for the 17 remaining Waiting List projects currently submitting monthly requests for reimbursement.

- New Program Projects
  - MSBA has completed final audits for 36 projects totaling over $180 million in submitted costs, and
  - Audited over $724 million in costs for the 173 projects currently submitting monthly requests for reimbursement.

Today's Board Vote | Exhibit A

- Waiting List Final Audits
  - Easton Oliver Ames High School
  - Easton Middle School



Easton - Oliver Ames High School Close-out Audit

- Waiting List Project – Addition/Renovation
- Original Approved Project Costs: $43,277,800
- Original Approved Interest Costs: $30,671,197
- Project Costs Submitted: $51,976,147
- Interest Costs Submitted / Eligible: $630,927
- Total Audited Eligible Project Costs:$51,720,358
- Reimbursement Rate: 66.55%
- Final Total Facilities Grant: $35,050,825



Easton Middle School
Close-out Audit

- Waiting List Project – Addition/Renovation
- Original Approved Project Costs: $24,621,230
- Original Approved Interest Costs: $18,521,192
- Project Costs Submitted: $29,449,818
- Interest Costs Submitted / Eligible: $225,913
- Total Audited Eligible Project Costs:$29,222,627
- Reimbursement Rate: 67.34%
- Final Total Facilities Grant: $19,904,430

Board Vote | Exhibit A

- Waiting List Final Audits
  - Easton Oliver Ames High School
  - Easton Middle School

- Total Grant Value of $54,955,255



Today's Board Vote
Exhibit D

- New Program Final Audits
  - Florida Abbott Memorial Elementary School
  - Hamilton-Wenham Cutler Elementary School



Florida - Abbott Memorial Elementary Close-out Audit

- New Program
- Building Exterior Water Proofing Project
- Estimated Budget: $490,347
- Final Project Costs Submitted: $546,450
- Total Audited Eligible Project Costs: $483,706
- Reimbursement Rate: 60.76%
- Final Total Facilities Grant: $293,900



Hamilton-Wenham - Cutler Elementary Close-out Audit

- New Program
- Repair – HVAC
- Estimated Budget: $1,429,720
- Final Project Costs Submitted: $1,379,530
- Total Audited Eligible Project Costs:$1,373,579
- Reimbursement Rate: 42.58%
- Final Total Facilities Grant: $584,870

Board Vote | Exhibit D

- New Program Final Audits
  - Florida Abbott Memorial Elementary School
  - Hamilton-Wenham Cutler Elementary School

- Total Grant Value of $ 878,770