



# Massachusetts School Building Authority

## Board Meeting

November 17, 2010

Timothy P. Cahill  
*Chairman, State Treasurer*

Katherine P. Craven  
*Executive Director*

# MSBA Visits

Since the September Board the MSBA has visited 68 Districts

Project Visits			Check Presentations/ Ground Breakings
Abington Amherst-Pelham Andover Ayer Bellingham Belmont Beverly Billerica Boston Boxford Brockton Brookfield Burlington Central Berkshire Dighton Rehoboth Fairhaven Falmouth Foxboro Gardner Greenfield Hampden Wilbraham	Harvard Haverhill Leicester Longmeadow Malden Melrose Middleton New Bedford Narragansett Needham New Salem-Wendell Newton North Attleboro North Brookfield Norwood Palmer Paxton Pittsfield Princeton Plymouth Reading	Rutland Sandwich Sharon Sherborn Shrewsbury Somerset Berkley Springfield Sturbridge Sudbury Tantasqua Tewksbury Wayland Upper Cape Cod Voc Weston Westport West Springfield Winchester Woburn Worcester	Beverly Billerica Dedham Methuen Natick Rockland Sturbridge Tewksbury

# 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	36	29,269	\$1.57 B	\$1.23 B
2011	12	11,160	\$557.3 M	\$429.2 M
<b>Grand Total</b>	59	48,617	\$2.38 B	\$1.83 B

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

- Of the 36 projects scheduled to bid in 2010, 29 bids have been received.
- To date, the bid savings for the 2010 projects is \$135.2 million with potential grant savings of \$76.9 million.
- Nine projects still to be bid or GMPs finalized in 2010 with an estimated construction cost over \$384.9 million
- Bids received in October (savings): Brookline (\$1.9 M), Danvers (\$11.6 M), and Tewksbury (\$15.1 M)
- Anticipated Bids:
  - November – Shawsheen, Norfolk
  - December - Southbridge, Grafton, Rockland, South Shore RVT, and Needham

# Project Estimate vs. 2010 Bid Amount

			<b>Total</b>	\$807,664,898	\$668,107,975	\$135,156,923	-	\$76.9M
<b>District</b>	<b>School</b>	<b>Scope</b>	<b>Bid Date</b>	<b>Construction Estimate</b>	<b>Bid Amount</b>	<b>Bid Savings</b>	<b>Reimbursement Rate</b>	<b>Potential Grant Savings *</b>
Burlington	Memorial ES	New Elem School	Jan-10	\$21,700,000	\$16,389,000	\$5,311,000	52.11%	\$2.7M
Wellesley	Senior HS	New High School	Feb-10	\$98,500,000	\$83,300,000	\$15,200,000	40.00%	\$6.0M
Dartmouth	James Quinn ES	Repair	Feb-10	\$1,100,000	\$1,212,617	-\$112,617	47.69%	\$0
Rockport	Rockport HS	Repair	Feb-10	\$1,000,000	\$845,000	\$155,000	41.10%	\$63K
Springfield	Putnam Vo-tech	New High School	Mar-10	\$101,100,000	\$86,000,000	\$10,700,000	90.00%	\$9.6M
Middleton	Howe-Manning ES	New Elem School	Mar-10	\$24,300,000	\$17,900,000	\$6,400,000	48.47%	\$3.1M
Plymouth	North HS	Model School	Mar-10	\$72,000,000	\$61,600,000	\$10,400,000	58.24%	\$6.0M
Woburn	Goodyear ES	New Elem School	Mar-10	\$19,900,000	\$17,900,000	\$2,000,000	54.21%	\$1.0M
Hamilton- Wenham	Cutler ES	Repair	Apr-10	\$1,200,000	\$1,126,000	\$74,000	42.58%	\$31K
N.Attleboro	Joseph Martin ES	Repair	Apr-10	\$700,000	\$535,000	\$165,000	52.06%	\$85K
Whittier Regional	Regional VTHS	Repair	Apr-10	\$2,600,000	\$1,649,600	\$950,400	66.18%	\$600K
Ashland	David Mindess ES	Repair	May-10	\$2,647,850	\$1,719,000	\$928,850	48.68%	\$450K

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

# Project Estimate vs. 2010 Bid Amount

(continued)

			<b>Total</b>	\$807,664,898	\$668,107,975	\$135,156,923	-	\$76.9M
<b>District</b>	<b>School</b>	<b>Scope</b>	<b>Bid Date</b>	<b>Construction Estimate</b>	<b>Bid Amount</b>	<b>Bid Savings</b>	<b>Reimbursement Rate</b>	<b>Potential Grant Savings *</b>
Belmont	Wellington ES	New Elem School	May-10	\$28,811,803	\$28,037,002	\$774,801	40.00%	\$310K
Nashoba	Pomp/Center	Add/Reno	May-10	\$28,841,865	\$23,640,900	\$5,200,965	50.85%	\$2.6M
Mt.Greylock	Regional HS	Repair	May-10	\$1,176,074	\$799,899	\$376,175	54.16%	\$204K
Florida	Abbott Memorial ES	Repair	Jun-10	\$489,393	\$356,683	\$132,710	60.76%	\$81K
Rochester	Memorial ES	Add/Reno	Jul-10	\$20,542,448	\$20,428,074	\$114,374	57.94%	\$66K
Hampden-Wilbraham	Minnechaug Reg. HS	Model School	Jul-10	\$66,493,091	\$53,618,500	\$12,874,591	61.73%	\$7.9M
Sturbridge	Burgess ES	Add/Reno	Jul-10	\$36,492,933	\$22,931,000	\$13,561,933	57.92%	\$7.8M
Natick	Natick HS	Model School	Sep-10	\$70,825,000	\$60,270,000	\$10,555,000	52.63%	\$5.6M
Billerica	Parker ES	New Elem School	Sep-10	\$27,056,467	\$22,486,000	\$4,570,467	55.69%	\$2.5M
Tewksbury	Memorial HS	Model School	Oct-10	\$65,946,517	\$50,800,000	\$15,146,517	60.06%	\$9.1M
Danvers	Danvers HS	Add/Reno	Oct-10	\$62,775,490	\$51,098,700	\$11,676,790	56.11%	\$6.6 M
Brookline	Runkle ES	Add/Reno	Oct-10	\$22,525,241	\$20,584,000	\$1,941,241	41.58%	\$807K

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

# Project Status Report

- Enrollment
  - 9 enrollments completed this period
  - Enrollments complete for projects for 73,787 students
- Owner's Project Manager
  - 4 districts completed OPM procurement
  - 3 Districts scheduled for December action
  - Over \$65 million in OPM fees to date
- Designer Selection Panel
  - 5 districts participated in DSP – 1 selection, 1 scheduled for interviews
  - 3 districts scheduled for DSP in November/December
  - Over \$160 million in Designer fees
- Commissioning
  - 4 Commissioning consultant contracts executed for \$100,600
  - Over \$5.1 million in consultant contracts to date

# Design Development & Construction Phases

- Total of 63 Projects at Estimated \$1.96 Billion Total Construction Cost:
  - 31 Projects in Design Development (\$0.71 Billion)
    - 10 Projects Break Ground in 2011
    - 12 Construction Bids (\$429.2. Million)
  - 32 Projects in Construction (\$1.25 Billion)
    - 15 Buildings to be Completed in 2011

# Design Development Projects

- 31 Total Projects in Design Development
  - 13 Green Repair Program Projects
  - 18 New Program Projects
    - 4 Elementary Schools
      - Carlisle, Marshfield, Needham & Norfolk
    - 3 Middle Schools
      - Burlington, Shrewsbury & Sutton
    - 4 Middle / High School
      - Adams-Cheshire, Berlin-Boylston Regional, Rockland & Southbridge
    - 7 High Schools
      - Easthampton, Essex N. Shore Ag. & Tech., Grafton, Leominster, Methuen, Shawsheen Valley Voc. Tech., & Uxbridge



# Construction Projects

- 32 Projects in Construction

- 10 Elementary Schools

- Belmont, Billerica, Brookline, Burlington, Dedham, Middleton, Nashoba, Rochester, Sturbridge, Woburn

- 2 Middle & Middle/High Schools

- Sharon & Taunton

- 20 High Schools

<u>Repair</u>	<u>Add/Reno</u>	<u>New</u>	<u>Models</u>
Foxborough	Beverly	Hanover	Hampden-Wilbraham
Haverhill	Danvers	Longmeadow	Natick
Holyoke	Malden	Springfield Voc Tech	Norwood
Mt. Greylock Reg.	Falmouth	Wayland	Plymouth No.
Wakefield		Wellesley	Tewksbury
		Worcester North	

# Green Repair Update

# Green Repair Program Status

- Green Repair SOI opened August 11, 2010
- Green Repair SOI process closed September 22, 2010
- MSBA staff has completed its initial review of the 185 SOIs filed by 95 districts
- Between September 23, 2010 and November 10, 2010, 95 schools were visited

	Districts	Projects	Recommended Action
	3	7	9/29/10
	65	108	11/17/10
<b>Total</b>	<b>68</b>	<b>115</b>	

# Green Repair Program: FY 11 SOI Intake

- 34 districts representing 70 projects still remain:
  - All initial reviews have been completed, including a review of previous Senior Studies and the Needs Survey
  - Additional information is being requested on scope and funding availability
  - Some may require additional site visits and/or a district-wide review
- Of the 34 remaining districts:
  - 2 have projects already invited into the Green Repair Program
    - Brockton and Westfield
  - 14 have projects in the Capital Pipeline
    - Abington, Ashburnham-Westminster, Athol-Roylston, Ayer, Fairhaven, Lowell, Lynn, Marshfield, Natick, Rockland, Sharon, Tewksbury, Whitman-Hanson and Worcester

# Green Repair Program Status

## Consultant Selection Status

- 13 Districts are currently utilizing the Green Repair Program consultant selection process
  - 10 Districts have completed the OPM selection process
    - 3 District OPM selections are currently in progress
  - 10 Districts have completed the Designer selection process
    - 2 District Designer selections are currently in progress

# Invitation to Green Repair Program

## Exhibit A

### Invitation to Green Repair Program

65 Total Districts

108 Total Projects

District Name	School Name	Potential Eligible Scope	Facilities Subcommittee Review*
Agawam	Agawam Junior High School	Roof and Windows	
Amherst-Pelham	Amherst Regional Middle School	Windows	20-Oct-10
Andover	Andover West Middle School	Roof, Windows	03-Nov-10
Arlington	M. Norcross Stratton Elementary	Roof, Windows, Boiler	
Avon	Ralph D. Butler Elementary School	Roof	
Barnstable	West Barnstable Elementary School	Windows	
Bellingham	Bellingham Memorial Middle School	Boiler	20-Oct-10
Belmont	Daniel Butler Elementary School	Boiler	03-Nov-10
Billerica	Billerica Memorial High School	Window	20-Oct-10
Blackstone Valley	Blackstone Valley RVTHS	Roof	
Boston	Clarence R. Edwards Middle School	Boiler	03-Nov-10
Boston	Excel High School	Roof	03-Nov-10
Boston	Joseph Lee Elementary School	Roof, Boiler	03-Nov-10
Boston	Thomas A. Edison Jr. High School	Boiler	03-Nov-10
Boston	Washington Irving Middle School	Roof	03-Nov-10
Boxford	Harry Lee Cole Elementary School	Roof	20-Oct-10
Brockton	Downey Elementary School	Roof, Windows	
Brockton	East Junior High School	Roof, Boiler	
Brockton	Hancock Elementary School	Roof	
Brockton	West Junior High School	Roof	
Brookfield	Brookfield Elementary	Window	20-Oct-10
Canton	Rodman Early Childhood Center	Roof	

# Invitation to Green Repair Program

## Exhibit A Invitation to Green Repair Program

District Name	School Name	Potential Eligible Scope	Facilities Subcommittee Review*
Canton	Canton High School	Roof	
Central Berkshire	Craneville Elementary School	Roof	03-Nov-10
Central Berkshire	Kittredge Elementary School	Roof, Windows	03-Nov-10
Chelmsford	Byam Elementary School	Roof	
Chelmsford	Chelmsford High School	Windows	
Dartmouth	James M. Quinn Elementary School	Roof	
Dighton-Rehoboth	Palmer River Elementary School	Windows	
Fairhaven	Hastings Middle School	Windows	03-Nov-10
Falmouth	East Falmouth Elementary School	Roof	
Falmouth	North Falmouth Elementary School	Roof	
Fitchburg	Fitchburg High School	Boiler	
Fitchburg	Memorial Intermediate School	Roof and Windows	
Fitchburg	South Street Elementary School	Windows	
Fitchburg	Reingold Elementary School	Roof and Windows	
Framingham	Mary E Stapleton Elementary School	Windows	03-Nov-10
Gardner **	Elm Street School	Roof	
Gardner **	Gardner High School	Roof	
Gardner **	Waterford Primary School	Roof	
Grafton	Grafton Memorial Sr. High School	Roof	03-Nov-10
Grafton	South Grafton Elementary School	Boiler	03-Nov-10
Greenfield	Four Corners Elementary School	Roof, Windows, Boiler	03-Nov-10
Groton-Dunstable	Florence Roche Elementary School	Boiler	

# Invitation to Green Repair Program

## Exhibit A Invitation to Green Repair Program

District Name	School Name	Potential Eligible Scope	Facilities Subcommittee Review*
Groton-Dunstable	Swallow Union Elementary School	Boiler	
Hadley	Hopkins Academy	Roof	20-Oct-10
Harvard	Harvard Elementary School	Window, Boiler	20-Oct-10
Haverhill	Caleb Dustin Hunking Middle School	Windows	
Haverhill	Consentino Middle School	Windows, Boiler	
Haverhill	Greenleaf Elementary School	Roof	
Haverhill	John G. Whittier Middle School	Windows	
Haverhill	Tilton Elementary School	Roof	
Haverhill	Walnut Square Elementary School	Roof	
Leicester	Leicester Memorial Elementary School	Boiler	20-Oct-10
Leicester	Leicester Middle School	Roof	20-Oct-10
Leverett	Leverett Elementary School	Roof, Windows	
Lexington	Lexington High School	Roof and Windows	
Marlborough	Francis J. Kane Elementary School	Windows	
Marlborough	Marlborough High School	Roof, Windows, Boiler	
Melrose	Melrose High School	Roof	03-Nov-10
Mendon-Upton	Miscoe Hill School	Roof, Windows, Boiler	03-Nov-10
Mohawk Trail	Buckland-Shelburne Elementary School	Roof	
Mohawk Trail	Colrain Central School	Roof, Windows	
Mohawk Trail	Mohawk Trail Regional High School	Roof, Windows	
Narragansett	Narragansett Middle School	Roof	03-Nov-10
Narragansett	Phillipston Memorial School	Boiler	03-Nov-10



# Invitation to Green Repair Program

## Exhibit A Invitation to Green Repair Program

District Name	School Name	Potential Eligible Scope	Facilities Subcommittee Review*
Nauset	Nauset Regional High School	Roof, Windows	
Needham	Pollard Middle School	Roof	
New Salem-Wendell	Swift River Elementary School	Roof, Boiler	20-Oct-10
Newton	Williams Elementary School	Boiler	
Newton	Bowen Elementary School	Roof	
North Attleborough	Falls Elementary School	Window	20-Oct-10
North Brookfield	North Brookfield Elementary School	Window	20-Oct-10
North Middlesex	Ashby Elementary School	Roof, Windows	
North Middlesex	Spaulding Memorial Elementary School	Roof	
Northborough	Robert E. Melican Middle School	Windows, Boiler	03-Nov-10
Norwood	Willett Early Childhood Center	Windows	
Orange	Butterfield Elementary School	Roof	
Palmer	Converse Middle School	Roof, Boiler	20-Oct-10
Palmer	Old Mill Pond Elementary School	Roof, Boiler	20-Oct-10
Palmer	Palmer High School	Roof, Window, Boiler	20-Oct-10
Peabody	John E. Burke School	Roof, Windows, Boiler	
Peabody	William A Welch Sr. Elementary School	Roof, Windows, Boiler	
Pentucket	Dr. Frederick N. Sweetsir School	Windows, Boiler	03-Nov-10
Pentucket	Dr. John C. Page School	Roof, Windows, Boiler	03-Nov-10
Pentucket	Elmer S. Bagnall	Roof, Windows, Boiler	03-Nov-10
Pentucket	Helen R. Donaghue School	Roof	03-Nov-10
Plymouth	Plymouth Community Intermediate	Roof	

# Invitation to Green Repair Program

## Exhibit A Invitation to Green Repair Program

District Name	School Name	Potential Eligible Scope	Facilities Subcommittee Review*
Plymouth	West Elementary School	Boiler	
Reading	Birch Meadow Elementary School	Window	20-Oct-10
Reading	J. Warren Killam Elementary School	Roof, Window	20-Oct-10
Sandwich	Forestdale School	Roof, Windows	03-Nov-10
Shrewsbury	Spring Street Elementary School	Roof, Window	20-Oct-10
Sudbury	Peter Noyes Elementary School	Roof, Window, Boiler	20-Oct-10
Tantasqua	Tantasqua Regional Junior High School	Roof	20-Oct-10
Upper Cape Cod RTS	Upper Cape Cod RVTHS	Windows	03-Nov-10
Wachusett	Naquag Elementary School	Roof, Windows, Boiler	03-Nov-10
Wachusett	Paxton Center School	Roof, Windows	03-Nov-10
Wachusett	Thomas Prince School	Roof, Windows, Boiler	03-Nov-10
Walpole	Bird Middle School	Roof	20-Oct-10
Waltham	Waltham Senior High School	Roof, Windows, Boiler	
Weston	Weston High School	Boiler	20-Oct-10
Weston	Weston Middle School	Roof	20-Oct-10
Westport	Alice A Macomber Primary School	Roof	20-Oct-10
Westport	Westport High School	Roof, Window	20-Oct-10
Westport	Westport Middle School	Window	20-Oct-10
Wilmington	Shawsheen Elementary School	Windows	
Winchester	Lynch Elementary School	Roof	20-Oct-10

# Green Repair Program Authorization to Execute Project Funding Agreement

- At today's Board meeting, MSBA staff have recommended 3 districts representing 4 schools for Project Funding Agreements totaling \$9,490,301 in Total Project Budgets and \$4,592,587 in MSBA grants.

<b>Green Repair Program</b>											
Vote - Project Funding Agreement											
							Total: \$ 9,490,301	\$ 9,490,301			\$ 4,592,587
District	School	Age of Existing Building	Grade	2009/10 Enroll	Existing Sq.Ft.	Project Scope	District Total Project Budget	MSBA Total Facility Grant Basis	Reimbursement Rate	Approximate Total Grant Amount	
Quabbin	Quabbin Regional High School	1966	9-12	1,464	245,850	Project Funding Agreement	\$3,920,403	\$3,920,403	57.74%	\$2,263,641	
Scituate	Wampatuck Elementary School	1957	K-6	437	54,350	Project Funding Agreement	\$3,569,549	\$3,569,549	40.68%	\$1,452,093	
	Gates Intermediate School	1916	7-8	479	102,000	Project Funding Agreement	\$1,318,792	\$1,318,792	40.68%	\$536,485	
Tri-County	Tri-County Regional Technical Vocational High	1977	9-12	964	285,000	Project Funding Agreement	\$681,557	\$681,557	49.94%	\$340,370	

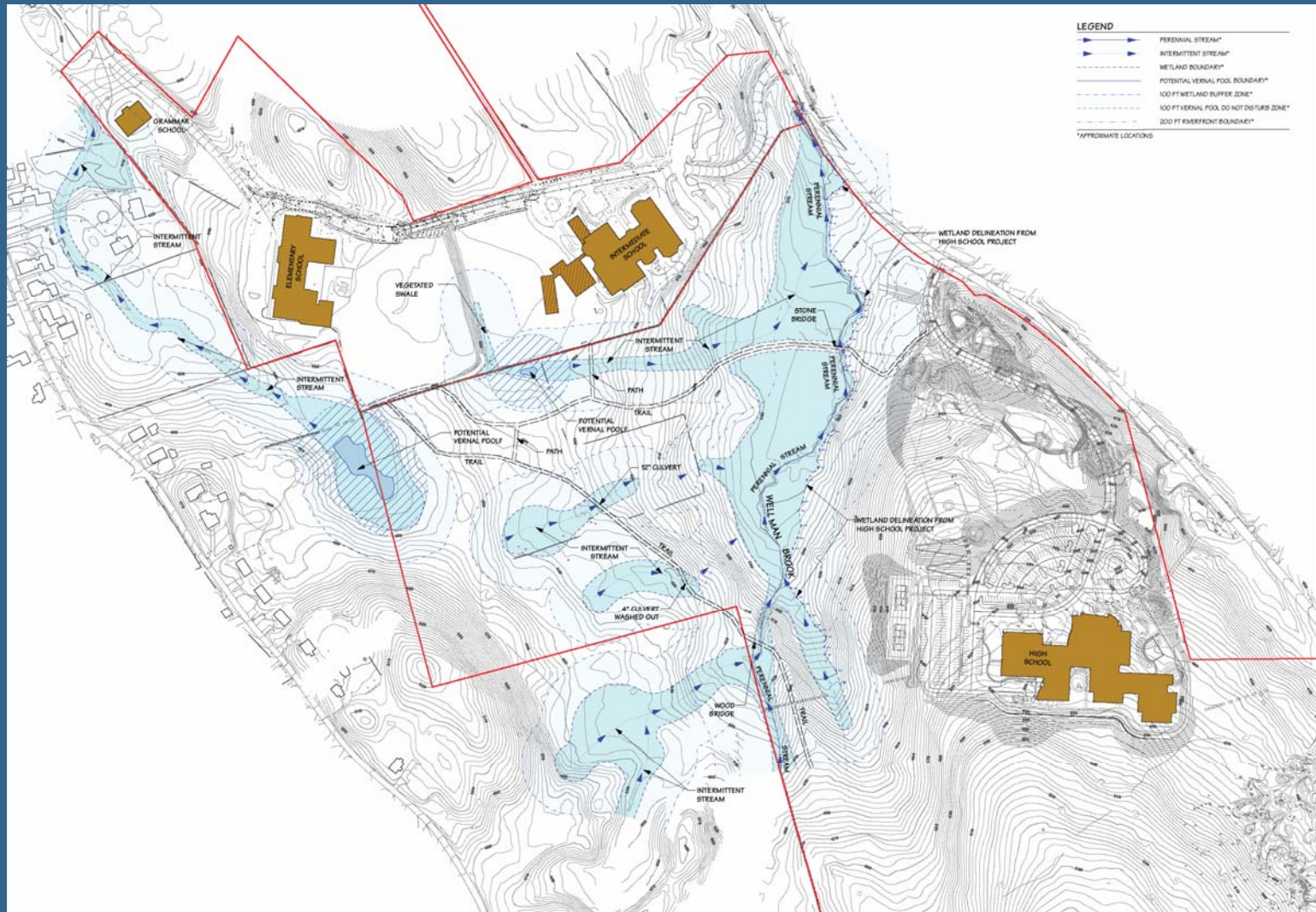
# Recommendation to Move to Preferred Schematic

District	School	Age of Existing Building	Grade	2009/10 Enroll	Proj. Enroll	Existing Sq.Ft.	Proposed New Square Footage	Current MSBA Category	Proposed Scope of Project	District Total Project Budget	MSBA Total Facility Grant Basis	Base Reimbursement Rate	Approx. Total Grant amount
Douglas	Intermediate School	1987	6-8	435	448	89,000	89,000	Feasibility Study	Upgrade	TBD	TBD	53.53%	TBD
			2-5	531	552	0	83,131		New				
Dracut	Senior High School	1957	9-12	1,149	1,160	174,671	223,530	Feasibility Study	Add/Reno	TBD	TBD	55.63%	TBD
Southeastern Regional	Voc Tech High School	1965	9-12	1,257	1,370	298,160	313,700	Feasibility Study	Add/Reno	TBD	TBD	75.37%	TBD

# Recommendation to Move to Preferred Schematic

- Douglas – Intermediate School:
- Built in 1987
- Grades 2-5 Enrollment: 552 (model school)
- Grades 6-8 Enrollment: 448 (green repair)
- Proposed Scope of Project: New / Upgrade
- Existing Updated Square Footage: 89,000 sf
- Proposed New Square Footage: 83,131 sf

# Douglas – Existing Site Plan



# Douglas – New 2-5 Elementary School



# Recommendation to Move to Preferred Schematic

- Dracut – High School:
- Built in 1957
- Grades: 9-12
- Projected Enrollment: 1,160
- Proposed Scope of Project: Addition/Renovation
- Existing Square Footage: 174,671 sf
- Proposed Square Footage: 229,404 sf (updated 11-15-10)  
(District originally submitted 223,530 gsf.)
  - Renovated: 144,447
  - New: 84,957



# Dracut – High School



# Recommendation to Move to Preferred Schematic

- Southeastern Regional – Vocational Technical High School
- Built in 1965
- Grades: 9-12
- Projected Enrollment: 1,370
- Proposed Scope of Project: Addition/Renovation
- Existing Square Footage: 298,160 sf
- Proposed Square Footage: 309,000 sf
  - Renovated: 282,800
  - New: 17,500

# Southeastern Regional – Vocational Technical High School



November 17, 2010

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27

# Recommendation to Move to Project Scope & Budget

**Total: \$147,521,703    \$133,511,539    \$ 67,594,068**

District	School	Age of Existing Building	Grade	2009/10 Enroll	Projected Enroll	Existing Sq.Ft.	Proposed Square Footage	Project Scope	Preferred Schematic	District Total Project Budget	MSBA Total Facility Grant Basis	Reimbursement Rate	Approximate Total Grant Amount
Andover	Bancroft ES	1969	K-5	469	680	69,500	106,486	Project Scope & Budget	New	\$44,659,837	\$38,122,167	44.00%	\$16,773,753
Ashburnham-Westminster	Briggs ES	1967	K-5	445	520	52,946	86,100	Project Scope & Budget	New	\$30,061,597	\$27,973,738	57.46%	\$16,353,447
Hudson	JFK MS	1963	6-7	452	715	48,900	118,846	Project Scope & Budget	New	\$44,103,362	\$41,416,977	58.11%	\$24,067,405
Winchester	Vinson-Owen ES	1961	K-5	287	420	33,140	74,774	Project Scope & Budget	New	\$28,696,907	\$25,998,657	40.00%	\$10,399,463

# Andover – Bancroft ES

- Built in 1969
- New Construction: 106,486 sf
- Grades: K-5
- Category: Project Scope & Budget
- District Total Project Budget: \$44,659,837
- Basis of Maximum Grant Amount: \$38,122,167
- Reimbursement Rate: 44.00%
- MSBA Maximum Grant Amount: \$16,773,753
- Town Meeting Vote: December 6, 2010
- Special Ballot Vote: January 25, 2011

# Andover – Bancroft ES



November 17, 2010

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30

# Andover – Bancroft ES



C1 VIEW FROM SW



C2 VIEW FROM SE



A1 VIEW FROM NE



A2 VIEW FROM NW

# Ashburnham-Westminster – Briggs ES

- Built in 1967
- New Construction: 86,100 sf
- Grades: K-5
- Category: Project Scope & Budget
- District Total Project Budget: \$30,061,597
- Basis of Maximum Grant Amount: \$27,973,738
- Reimbursement Rate: 58.46%
- MSBA Maximum Grant Amount: \$16,353,447
- Town Meeting Vote: November 17, 2010
- Special Ballot Vote: December 16, 2010



# Ashburnham-Westminster – Briggs ES



**View of West Entry**

# Hudson – John F Kennedy MS

- Built in 1963
- New Construction: 118,846 sf
- Grades: 6-7 Existing, 5-7 Proposed
- Category: Project Scope & Budget
- District Total Project Budget: \$44,103,362
- Basis of Maximum Grant Amount: \$41,416,977
- Reimbursement Rate: 58.11%
- MSBA Maximum Grant Amount: \$24,067,405
- Town Meeting Vote: November 2, 2010 (Passed)
- Special Ballot Vote: November 15, 2010 (Passed)

# Hudson – John F Kennedy MS



**Site Plan**

# Hudson – John F Kennedy MS



Concept Sketch - View Looking Southeast

# Winchester – Vinson-Owen ES

- Built in 1961
- New Construction: 74,774 sf
- Grades: K-5
- Category: Project Scope & Budget
- District Total Project Budget: \$28,696,907
- Basis of Maximum Grant Amount: \$25,998,657
- Reimbursement Rate: 40.00%
- MSBA Maximum Grant Amount: \$10,399,463
- Town Meeting Vote: November 18, 2010
- Special Ballot Vote: January 11, 2011

# Winchester – Vinson-Owen ES



# Model School Status Update

- Information on the Request for Services for additional model school submissions issued in October 2010;
- Staff recommendations for middle schools to be designated as model schools; and
- Staff recommendations for Districts to receive a Board invitation to participate in the model school program.

# Savings generated from Model School Program

- Norwood – \$10M in bid savings. This is savings in addition to the \$26M in savings from their original project budget before they entered the model school pilot program. Change orders are under 0.6%. This school will open in 2011.
- Tewksbury – Over \$15M in bid savings. This school will open in 2012.
- Plymouth – Over \$10M in bid savings. This school will open in 2012.
- Natick – Over \$10M in bid savings. This school will open in 2012.
- Hampden-Wilbraham – Approximately \$13M in bid savings. This school will open in 2012.



# Model School Program New Procurement

- MSBA has posted a Request for Services (RFS) for a K-12 public, “model” school building consisting of *any* grade configuration.
- This RFS provides
  - An additional submittal opportunity for all K-12 schools to be considered as potential candidates.
  - An opportunity for designers who may have missed a previous request or who may have thought their design did not meet the model school criteria.
  - Incorporates lessons learned from each of the previous model school requests and has broadened some of the eligibility criteria.
- With the recommendation and assistance of Board members, MSBA staff has revised the previous approach to allow for a more streamlined, multi-step submission process. Designers have been requested to propose a school(s) providing a minimum amount of information from which the MSBA may determine if additional consideration is appropriate.
- Responses are due on December 2, 2010.

# Model School Program Staff Recommendations

- MSBA staff is recommending that two middle schools, shown below, be considered for the model school program.

School	Designer	Design Enrollment	Grade Structure
Ipswich Middle/High School	Flansburgh Architects	1,205	6 to 12
Lynnfield Middle School	Ai3 Architects	687	5 to 8

# Ipswich Middle / High School



District: Ipswich Public Schools  
Designer: Flansburgh Architects  
Grades Served: 6 - 12  
Design Enrollment: 1,205  
Gross Floor Area: 209,400



# Lynnfield Middle School



District: Lynnfield Public Schools

Designer: Ai3 Architects

Grades Served: 5 - 8

Design Enrollment: 687

Gross Floor Area: 110,170



# Recommendations for District Invitations into Model School Program

- On November 1, 2010, the MSBA invited four Districts with proposed elementary school projects in the capital pipeline to a presentation from each of the four model elementary school designers. After attending this informational presentation, each District was requested to submit a letter to the MSBA to
  - Request either to be considered for the model school program or not to be considered.
  - Two Districts, Douglas and Westfield requested an invitation.

District	School	Grades	Agreed upon Enroll	MSBA approved Preferred Schematic
<b>Douglas</b>	Douglas Intermediate School	2 to 5	552	Pending approval of 83,100 square feet of new construction
Fairhaven	Rogers Elementary School	K to 5	370	None submitted
Marblehead	Glover and Eveleth School	K to 3	425	Approved new construction 79,731 square feet
<b>Westfield</b>	Abner Gibbs Elementary School	K to 5	600	None submitted

# Recommendations for District Invitations into Model School Program

- Based on staff's preliminary analysis and review, it appears that the four schools listed below may be good candidates for the model school program and staff is recommending that the MSBA should work with these Districts to conduct a selection process similar to that performed for the elementary schools to determine if there is a model school that suits their design enrollment, educational program and site.

District	School	Model School Invitation	Design Enrollment	Model School	Designer
Quincy	Quincy Middle School	Middle School	600	TBD	TBD
Hingham	Middle School	Middle School	~1000	TBD	TBD
Duxbury	MS/HS	MS/HS	~1700	TBD	TBD
Harwich-Chatham	High School	High School	~750	TBD	TBD

# Audit Status Update

- Former Program Projects
  - MSBA has completed final audits of 763 of the 789 projects totaling \$14 billion in submitted costs;
  - Achieved audit savings of over \$1 billion, and
  - Audited over \$800 million in costs for the 26 projects currently submitting monthly requests for reimbursement.
- New Program Projects
  - MSBA has completed final audits for 26 projects totaling \$144.0 million in submitted costs, and
  - Audited over \$390 million in costs for the 80 projects currently submitting monthly requests for reimbursement.

# Today's Board Votes

- **Waiting List Final Audits**
  - Bridgewater-Raynham High School
  - Needham High School
  - Taunton Pole Elementary School
  - \$98.8M in Waiting List grants to be voted on today
- **New Program Final Audits**
  - Springfield Alice B. Beal Elementary School
  - Springfield Mary A. Dryden Elementary School
  - Springfield Mary O. Pottenger Elementary School
  - \$1.3M in New Program grants to be voted on today



# Bridgewater Raynham High School Close-out Audit

- Waiting List Project - New Construction
- Original Approved Project Costs: \$69,100,000
- Original Approved Interest Costs: \$41,400,249
- Total Project Costs Submitted: \$71,250,044
- Total Interest Costs Submitted: \$714,052
- Total Audited Eligible Project Costs: \$69,164,101
- Total Audited Eligible Interest Costs: \$714,052
- Reimbursement Rate: 66.31%
- Final Total Facilities Grant: \$46,576,767
- Audit Savings: \$40,622,276

# Needham High School Close-out Audit

- Waiting List Project - Addition/Renovation
- Original Approved Project Costs: \$51,300,000
- Original Approved Interest Costs: \$40,424,400
- Total Project Costs Submitted: \$61,644,201
- Total Interest Costs Submitted/ Eligible: \$0
- Total Audited Eligible Project Costs:\$59,096,880
- Reimbursement Rate: 50%
- Final Total Facilities Grant: \$29,548,440
- Audit Savings: \$32,627,520

# Taunton Pole Elementary School Close-out Audit

- Waiting List Project – New Construction
- Original Approved Project Costs: \$15,613,297
- Original Approved Interest Costs: \$9,836,377
- Total Project Costs Submitted: \$27,695,415
- Total Interest Costs Submitted/ Eligible: \$0
- Total Audited Eligible Project Costs: \$27,372,979
- Reimbursement Rate: 83%
- Final Total Facilities Grant: \$22,719,573
- Audit Savings: (\$1,923,305)

# Springfield Alice B. Beal Elementary School Close-out Audit

- New Program
- Roof Project
- Estimated Budget: \$678,333
- Final Project Costs Submitted: \$543,434
- Total Audited Eligible Project Costs: \$540,934
- Reimbursement Rate: 80%
- Final Total Facilities Grant: \$432,747
- Audit Savings: \$137,399

# Springfield Mary A. Dryden Elementary School Close-out Audit

- New Program
- Roof Project
- Estimated Budget: \$705,778
- Final Project Costs Submitted: \$518,360
- Total Audited Eligible Project Costs: \$518,351
- Reimbursement Rate: 80%
- Final Total Facilities Grant: \$414,681
- Audit Savings: \$187,427

# Springfield Mary O. Pottenger Elementary School Close-out Audit

- New Program
- Roof Project
- Estimated Budget: \$773,533
- Final Project Costs Submitted: \$543,167
- Total Audited Eligible Project Costs: \$525,459
- Reimbursement Rate: 80%
- Final Total Facilities Grant: \$420,367
- Audit Savings: \$248,074