

# Massachusetts School Building Authority

Steven Grossman  
*Chairman, State Treasurer*

John K. McCarthy  
*Executive Director*



## Board Meeting

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October 2, 2013



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- Executive Director's Report
  - Project Visits
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# Project Visits

- Since the July 31, 2013 Board meeting, the MSBA has visited 51 projects.

Project Visits		
Andover Assabet Valley RSD Ashurnham-Westminister RSD Ayer Shirley RSD Concord-Carlisle RSD Danvers Douglas Dracut Duxbury East Bridgewater Easthampton Essex-North Shore RVT Fall River Franklin Gardner Greenfield Hingham Holyoke	Hudson Leominster Longmeadow Lexington Marblehead Marshfield Maynard Melrose Methuen Monomoy RSD Newburyport (Bresnahan) Newburyport (Nock/Molin) Norfolk County Agricultural North Attleborough North Reading Norton Old Colony RSD Quincy	Salem (Saltonstall) Somerset-Berkley RSD Somerville Southeastern RVT Southwick-Tolland-Granville RSD Springfield (Dryden) Springfield (Forest Park) Stoneham Sutton Wakefield West Springfield Weston Williamsburg Wilmington Winchester



# Project Milestones

Since the July 31, 2013 Board meeting, the MSBA has attended 13 project milestone celebrations.

## Groundbreakings

- Ayer Shirley Regional High School (*Ayer Shirley*)
- Park Avenue Elementary School (*Webster*)
- Melrose High School Science Labs (*Melrose*)
- Southwick-Tolland-Granville Regional Middle/High School (*Southwick-Tolland-Granville RSD*)

## Ribbon Cutting Ceremony

- Douglas Elementary School (*Douglas*)
- Franklin County Vocational High School (*Turner Falls*)
- Easthampton High School (*Easthampton*)
- James Madison Morton Middle School (*Fall River*)
- Belmonte Middle School (*Saugus*)
- John R. Briggs Elementary School (*Ashburnham-Westminster*)
- Thompson Elementary School (*Arlington*)

## Re-opening Ceremony

- Saltonstall School (*Salem*)

## Dedication Ceremony

- Longmeadow High School (*Longmeadow*)



Executive Director Jack McCarthy and Project Manager Allyson Toner at the Groundbreaking Ceremony for the addition/renovation project at Ayer Shirley Regional High School.



State Representative Nick Boldyga, Deputy Executive Director Barbara Hansberry and Superintendent Dr. John Barry at the Groundbreaking Ceremony for the addition/renovation project at Southwick-Tolland-Granville Regional Middle/High School.



# Project Visits

Upcoming events anticipated in October and November:

## Project Visits

Andover  
Ayer Shirley RSD  
Concord-Carlisle RSD  
Douglas  
Dracut  
Duxbury  
East Bridgewater  
Easthampton  
Essex-North Shore RVT  
Franklin  
Greenfield

Hingham  
Holyoke  
Lexington  
Marblehead  
Marshfield  
Maynard  
Methuen  
Monomoy RSD  
Newburyport (Bresnahan)  
Newburyport (Nock/Molin)  
Norfolk County Agricultural  
North Reading

Norton  
Salem (Collins)  
Salem (Saltonstall)  
Somerset-Berkley RSD  
Southwick-Tolland-Granville RSD  
Springfield  
Stoneham  
Sutton  
Wakefield  
West Springfield  
Weston



# Project Scope and Budget | Winthrop

## Winthrop High School

- Year Opened: 1965
- Current Grades: 9-12
- Proposed Grades: 6-12
- Agreed Upon Enrollment: 970
- Scope of Project: New Middle/High School
- Existing Square Footage: 115,153
- Proposed Square Footage: 187,917
- District Total Project Budget: \$80,206,549
- Estimated Basis of Total Facilities Grant: \$65,965,045
- Reimbursement Rate: 59.97%\*
- Estimated Maximum Total Facilities Grant: \$39,559,237

\* The MSBA has provisionally included one (1) incentive point for the Construction Manager at Risk construction delivery method, subject to the District receiving approval from the Office of the Inspector General to utilize this method. The MSBA also has provisionally included two (2) incentive points for energy efficiency, subject to the District meeting certain sustainability requirements for the project. If the District does not receive approval for and use the Construction Manager at Risk delivery method and/or does not meet the requirements for the energy efficiency incentive points, the District will not qualify for these incentive points, respectively, and the MSBA will adjust the reimbursement rate and grant calculations accordingly.



# Project Scope and Budget | Winthrop

## Winthrop High School





# Preferred Schematic | **Vote**

District	School	Project Scope	Preliminary Design Pricing – Estimated Total Construction Cost	Estimated Total Project Costs
Boston	Henry Dearborn Middle School	New	\$52,571,000	\$68,400,000
Boston	Josiah Quincy Upper School	New	\$186,164,674	\$261,643,227
Gloucester	West Parish Elementary School	New	\$30,272,866	\$39,849,587
Milford	Woodland Elementary School	New	\$49,046,445	\$61,308,056
<b>Totals</b>			<b>\$318,054,985</b>	<b>\$431,200,870</b>





# Preferred Schematic | Boston

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## Henry Dearborn Middle School

- Year Opened: 1912
- Current Grades: 6-8
- Agreed Upon Grade Configuration: 6-12
- Agreed Upon Enrollment: 600
- Proposed Scope of Project: New
- Existing Square Footage: 111,880
- Proposed Square Footage: 125,085
- Estimated Construction Cost of Preferred Schematic: \$52,571,000



# Preferred Schematic | Boston

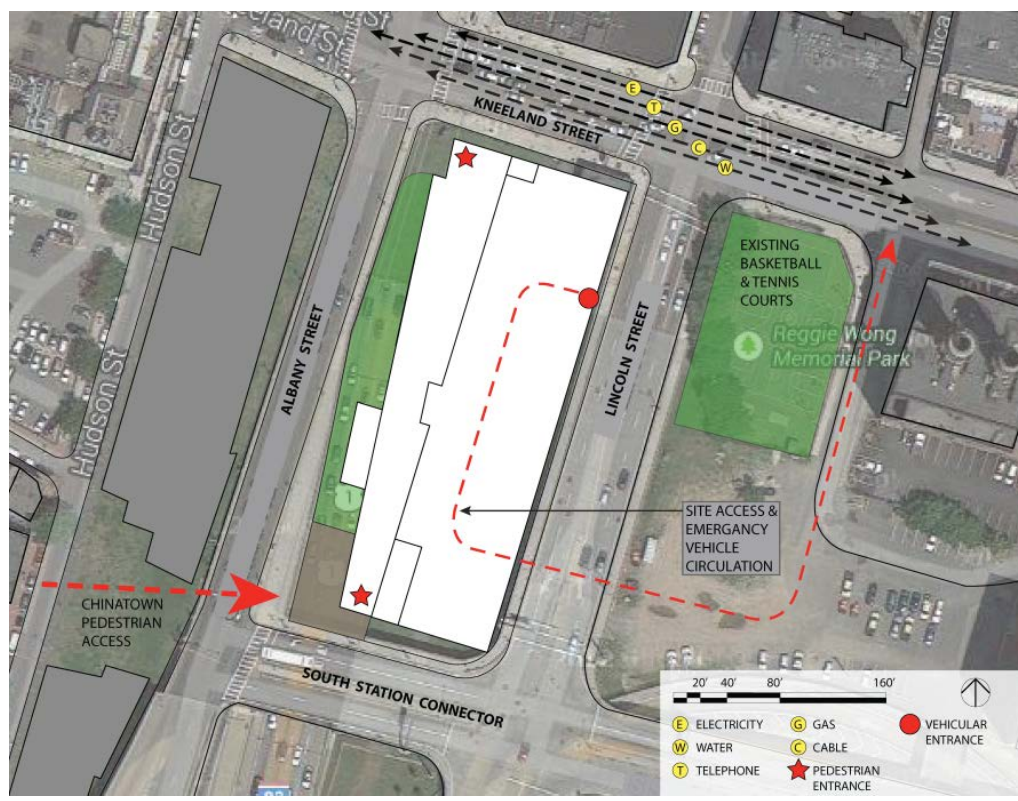
## Josiah Quincy Upper School

- Year Opened: 1911(Josiah Quincy) & 1920's (Boston Arts Academy "BAA")
- Current Grades: 6-12 (Josiah Quincy) & 9-12 (BAA)
- Agreed Upon Grade Configuration: 6-12
- Agreed Upon Enrollment: 650 (Josiah Quincy) & 710 (BAA)
- Proposed Scope of Project: New Co-Located Facility (Josiah Quincy & BAA) on Alternate Site
- Existing Square Footage: 72,444 (Josiah Quincy) & 133,000 (BAA)
- Proposed Square Footage: 319,525
- Estimated Construction Cost of Preferred Schematic: \$186,164,674



# Preferred Schematic | Boston

## Josiah Quincy Upper School





# Preferred Schematic | Gloucester

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## West Parish Elementary School

- Year Opened: 1949
- Current Grades: K-5
- Agreed Upon Grade Configuration: K-5
- Agreed Upon Enrollment: 355
- Proposed Scope of Project: New
- Existing Square Footage: 41,420
- Proposed Square Footage: 65,469
- Estimated Construction Cost of Preferred Schematic: \$30,272,866



# Preferred Schematic | Gloucester

## West Parish Elementary School





# Preferred Schematic | Milford

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## Woodland Elementary School

- Year Opened: 1977
- Current Grades: 3-4
- Agreed Upon Grade Configuration: 3-5
- Agreed Upon Enrollment: 985
- Proposed Scope of Project: New
- Existing Square Footage: 67,848
- Proposed Square Footage: 132,539
- Estimated Construction Cost of Preferred Schematic: \$49,046,445



# Preferred Schematic | Milford

## Woodland Elementary School





# Invitation to Eligibility Period | Vote

District	School
Beverly	Briscoe Middle School
Mount Greylock Regional School District	Mount Greylock Regional High School





# Project Scope and Budget | **Vote**

District	School	Project Scope	Total Project Budget	Estimated Maximum Total Facilities Grant
Athol-Royalston Regional School District	Riverbend Elementary School	New	\$43,931,363	\$26,011,620
Lynn	Thurgood Marshall Middle School	New	\$92,000,000	\$49,690,902
Newton	A.E. Angier Elementary School	New	\$37,500,000	\$10,839,093
Winchester	Winchester High School	Add/Reno	\$129,923,146	\$42,106,263
Winthrop	Winthrop High School	New	\$80,206,549	\$39,559,237
<b>Totals</b>			<b>\$383,561,058</b>	<b>\$168,207,115</b>

\*See district specific slides for conditional reimbursement rate incentive point information



# Project Scope and Budget |

## Riverbend Elementary School

- Year Opened: 1907
- Current Grades: 1-4
- Proposed Grades: K-4
- Agreed Upon Enrollment: 545 plus 70 Pre-K students
- Scope of Project: New on an Alternative Site
- Existing Square Footage: 36,080
- Proposed Square Footage: 95,726
- District Total Project Budget: \$43,931,363
- Estimated Basis of Total Facilities Grant: \$32,514,525
- Reimbursement Rate: 80.00%\*
- Estimated Maximum Total Facilities Grant: \$26,011,620

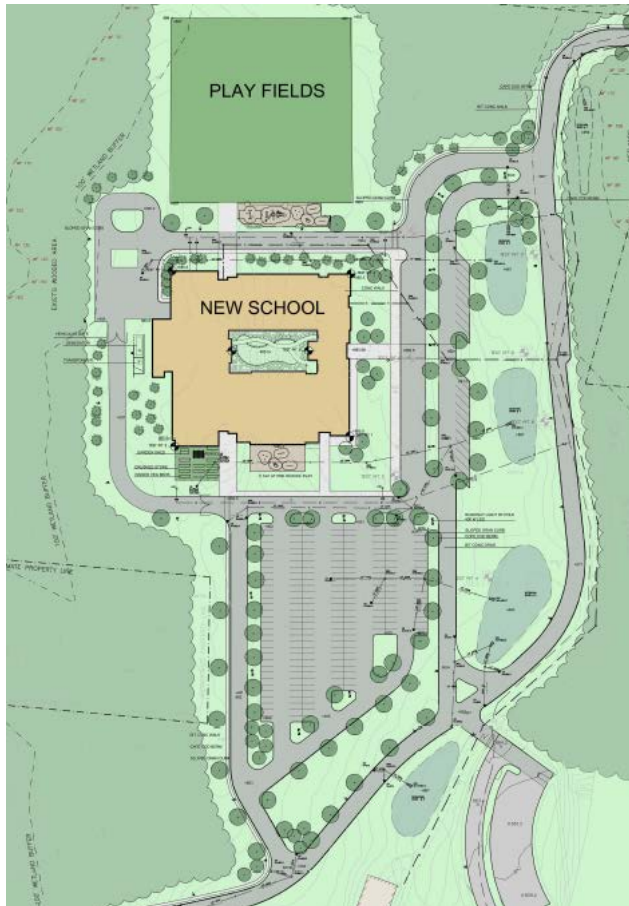
\*The MSBA has provisionally included two (2) incentive points for energy efficiency, subject to the District meeting certain sustainability requirements for the project. If, however, the District does not qualify for these incentive points, its reimbursement rate of 80% will not be affected because the District's rate will still be at the statutory maximum reimbursement rate of 80% with the addition of the 1.38 incentive reimbursement points for maintenance to the District's base reimbursement rate of 78.95%. By statute, 80% is the maximum reimbursement rate.



# Project Scope and Budget |

# Athol-Royalston Regional School District

## Riverbend Elementary School





# Project Scope and Budget | Lynn

## Thurgood Marshall Middle School

- Year Opened: 1923
- Grades: 6-8
- Agreed Upon Enrollment: 1,100
- Scope of Project: New
- Existing Square Footage: 150,446
- Proposed Square Footage: 181,847
- District Total Project Budget: \$92,000,000
- Estimated Basis of Total Facilities Grant: \$62,113,627
- Reimbursement Rate: 80.00%\*
- Estimated Maximum Total Facilities Grant: \$49,690,902

\* By statute, 80% is the maximum reimbursement rate. Here, the City's base reimbursement rate is 80% before applying any incentive points. If the City does not qualify for any of these incentive points, its reimbursement rate of 80% will not be affected because its base rate is the maximum rate of 80%.



# Project Scope and Budget | Lynn

## Thurgood Marshall Middle School





# Project Scope and Budget | Newton

## A.E. Angier Elementary School

- Year Opened: 1919
- Grades: K-5
- Agreed Upon Enrollment: 465
- Scope of Project: New
- Existing Square Footage: 52,940
- Proposed Square Footage: 74,960
- District Total Project Budget: \$37,500,000
- Estimated Basis of Total Facilities Grant: \$27,030,157
- Reimbursement Rate: 40.10%\*
- Estimated Maximum Total Facilities Grant: \$10,839,093

\*The MSBA has provisionally included two (2) incentive points for energy efficiency, subject to the District meeting certain sustainability requirements for the project. If the District does not meet the requirements for the energy efficiency incentive points, the District will not qualify for these incentive points, and the MSBA will adjust the reimbursement rate and grant calculations accordingly.





# Project Scope and Budget | Winchester

## Winchester High School

- Year Opened: 1971
- Grades: 9-12
- Agreed Upon Enrollment: 1,370
- Scope of Project: Addition/Renovation
- Existing Square Footage: 284,579
- Proposed Square Footage: 288,840
- District Total Project Budget: \$129,923,146
- Estimated Basis of Total Facilities Grant: \$98,104,062
- Reimbursement Rate: 42.92%\*
- Estimated Maximum Total Facilities Grant: \$42,106,263

\*The MSBA has provisionally included one (1) incentive point for the Construction Manager at Risk construction delivery method, subject to the District receiving approval from the Office of the Inspector General to utilize this method. The MSBA also has provisionally included two (2) incentive points for energy efficiency, subject to the District meeting certain sustainability requirements for the project. If the District does not receive approval for and use the Construction Manager at Risk delivery method and/or does not meet the requirements for the energy efficiency incentive points, the District will not qualify for these incentive points, respectively, and the MSBA will adjust the reimbursement rate and grant calculations accordingly.





# Project Scope and Budget | Winchester

## Winchester High School





# Accelerated Repair Project Removal | **Vote**

District	School	Scope	Invitation Date
Lenox	Morris School	Roof	June 5, 2013
	Lenox Memorial Middle and High School	Roof	June 5, 2013



# Invitation to Accelerated Repair Program | **Vote**

District	School
Springfield	Chestnut Accelerated Middle School



# Project Update |

## City of Revere: McKinley Elementary School

### Update on Project Scope and Budget Authorization

- MSBA Board approval on January 30, 2013
- Local Authorization secured on March 11, 2013
- Project advancement contingent upon eminent domain takings at the city level and permission for reuse of parkland at the state and federal level; National Park Service and the Massachusetts Legislature approval pursuant to Article 97 of the Articles of Amendment to the Constitution of the Commonwealth of Massachusetts
- The District received an extension of an additional 120 days to the 120-day period to successfully secure the project site

Staff reports that the extension of an additional 120 days was sufficient time for the District to secure the site for the proposed project.



# 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	20	16,113	\$896.6 M	\$688.6 M
2012	25	21,157	\$1.28 B	\$979.2 M
*2013	32	24,783	\$1.25 B	\$1.01 B
2014	6	6,120	353.0 M	\$281.2 M
<b>Grand Total</b>	127	102,545	\$5.35 B	\$4.20 B

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

\* These numbers include Core Program and SLI projects not Accelerated Repair Projects

- Anticipated Bids in 2013:
  - October – Ayer Shirley RSD, Southern Worcester RVTSD (Bay Path), Springfield (Brookings ES), Springfield (Central HS)
  - December – Revere



# Core Program

## Construction Estimate vs. 2013 Bid Amount

- 11 bids received & 9 GMPs executed in 2013
- Of the 20 projects, 13 bids came in within the estimated budget

District	School	Scope	Project Type	Bid Date	Construction Estimate **	Bid Amount **	Variance from Construction Estimate	Reimbursement Rate	Potential Grant Variance *
				Total	\$791,132,655	\$781,571,103	\$9,561,552	-	\$23,250,545
Lexington	Estabrook ES	New	CMR	Jan-13	\$31,145,045	\$32,792,348	-\$1,647,303	37.27%	\$0
Monomoy Regional School	Monomoy Regional HS	New	DBB	Feb-13	\$52,962,105	\$47,490,700	\$5,471,405	51.53%	\$2,819,415
Newburyport	Bresnahan ES	New	DBB	Feb-13	\$31,117,441	\$27,405,000	\$3,712,441	52.78%	\$1,959,426
Williamsburg	Anne T. Dunphy IS	Add/Reno	DBB	Mar-13	\$9,553,527	\$8,990,457	\$563,070	61.86%	\$348,315
Assabet Valley RVTSD	Assabet Valley RVTHS	Repair/Reno	DBB	Mar-13	\$50,755,300	\$45,215,000	\$5,540,300	53.48%	\$2,962,952
Stoneham	Stoneham MS	Add/Reno	CMR	Mar-13	\$32,028,239	\$33,086,864	-\$1,058,625	57.50%	\$0
Old Colony Regional School	Old Colony RVTHS	Roof/SLI	DBB	Apr-13	\$2,179,947	\$2,037,200	\$142,747	54.16%	\$77,312
Newburyport	Nock MS/Molin ES	Add/Reno	CMR	Apr-13	\$21,831,202	\$20,877,414	\$953,788	53.78%	\$512,947
***Southwick-Tolland-Granville	Powder Mill ES / Woodland ES	Repair	DBB	May-13	\$22,075,590	\$20,297,491	\$1,778,099	55.63%	\$989,156

\*These numbers are based on preliminary information received from the district and are subject to further review and calculation.

\*\*The construction estimate and bid amount do not include pre-construction services and alternatives.

\*\*\*Southwick-Tolland-Granville Powder Mill ES & Woodland ES projects are two separate projects but were bid as one project. The data is combined until further information is available.



# Core Program Construction Estimate vs. 2013 Bid Amount


- 11 bids received & 9 GMPs executed in 2013
- Of the 20 projects, 13 bids came in within the estimated budget

District	School	Scope	Project Type	Bid Date	Construction Estimate **	Bid Amount **	Variance from Construction Estimate	Reimbursement Rate	Potential Grant Variance *
				Total	\$791,132,655	\$781,571,103	\$9,561,552	-	\$23,250,545
Wilmington	Wilmington HS	New	CMR	Jun-13	\$64,408,261	\$65,690,437	-\$1,282,176	55.19%	\$0
N. Reading	N. Reading HS	Add/Reno	CMR	Jun-13	\$86,315,287	\$101,328,353	-\$15,013,066	51.49%	\$0
Webster	Park Ave ES	New	DBB	Jun-13	\$35,840,565	\$31,650,000	\$4,190,565	76.86%	\$3,220,868
Wakefield	Gavin MS	New	CMR	Jun-13	\$59,756,583	\$59,756,583	\$0	54.67%	\$0
Andover	Bancroft ES	New	CMR	Jul-13	\$34,527,063	\$40,218,065	-\$5,691,002	44.00%	\$0
Southwick-Tolland-Granville	MS/HS	Add/Reno	DBB	Jul-13	\$31,408,667	\$24,994,000	\$6,414,667	66.53%	\$4,267,678
Greenfield	Greenfield HS	New	CMR	Aug-13	\$52,936,594	\$53,507,787	-\$571,193	80.00%	\$0
Concord-Carlisle	Concord-Carlisle HS	New	CMR	Aug-13	\$71,904,161	\$76,143,704	-\$4,239,543	35.58%	\$0
Greater New Bedford RVT	Greater New Bedford RVTHS	Add/Reno	DBB	Sep-13	\$13,679,847	\$11,779,700	\$1,900,147	80.00%	\$1,520,118
Georgetown	Penn Brook ES	New	DBB	Sep-13	\$36,979,465	\$32,910,000	\$4,069,465	54.76%	\$2,228,439
W. Bridgewater	MS/HS	New	DBB	Sep-13	\$49,727,766	\$45,400,000	\$4,327,766	54.16%	\$2,343,918

\*These numbers are based on preliminary information received from the district and are subject to further review and calculation.

\*\*The construction estimate and bid amount do not include pre-construction services and alternatives.

\*\*\*Southwick-Tolland-Granville Powder Mill ES & Woodland ES projects are two separate projects but were bid as one project. The data is combined until further information is available.



# Science Lab Initiative

## Construction Estimate vs. 2013 Bid Amount

- Of the 8 projects; 7 bids have been received
- All 7 are within the district's estimated budget

District	School	Scope	Project Type	Bid Date	Construction Estimate **	Bid Amount **	Variance from Construction Estimate	Reimbursement Rate	Potential Grant Variance *
				Total	\$30,607,989	\$24,729,316	\$5,878,673	-	\$3,601,229
Melrose	Melrose HS	SLI	DBB	Feb-13	\$4,938,311	\$3,239,000	\$1,699,311	50.79%	\$863,080
Gardner	Gardner HS	SLI / Windows	DBB	Feb-13	\$2,934,333	\$2,745,319	\$189,014	78.95%	\$149,227
Blackstone Valley RSD	Blackstone Valley RHS	SLI	DBB	Feb-13	\$625,395	\$553,997	\$71,398	53.53%	\$38,219
Holyoke RSD	William Dean VTHS	SLI	DBB	Mar-13	\$5,352,000	\$4,022,000	\$1,330,000	80.00%	\$1,064,000
Tri-County RVSD	Tri-County RVTHS	SLI	DBB	Mar-13	\$1,241,940	\$908,000	\$333,940	50.79%	\$169,608
N. Attleborough	N.Attleborough HS	SLI	DBB	Apr-13	\$4,650,000	\$4,411,000	\$239,000	52.06%	\$124,423
Medford	Medford HS	SLI	DBB	Aug-13	\$10,866,010	\$8,850,000	\$2,016,010	59.16%	\$1,192,672

\*These numbers are based on preliminary information received from the district and are subject to further review and calculation.

\*\*The construction estimate and bid amount do not include pre-construction services and alternatives.





# Accelerated Repair Project Construction Estimate vs. 2013 Bid Amount

- Out of 36 projects, 33 expected to bid in 2013
- Of the 33, 29 bids have been received
- Of the 29 projects, 25 bids came within the estimated budget

District	School	Scope	Project Type	Bid Date	Construction Estimate **	Bid Amount **	Variance from Construction Estimate	Reimbursement Rate	Potential Grant Variance *
				Total	\$40,231,802	\$31,034,961	\$9,196,841	-	\$6,098,410
Weymouth	William Seach ES	Boiler	DBB	Dec-12	\$425,213	\$459,104	-\$33,891	54.16%	\$0
Granton-Dunstable	Granton-Dunstable MS	Roof	DBB	Feb-13	\$1,316,890	\$942,000	\$374,890	45.74%	\$171,475
Hamilton-Wenham	Cutler ES	Roof	DBB	Feb-13	\$547,326	\$444,150	\$103,176	43.42%	\$44,799
N. Brookfield	N. Brookfield ES	Windows	DBB	Feb-13	\$274,254	\$199,400	\$74,854	62.67%	\$46,911
Shawsheen Valley RVT	Shawsheen Valley VTHS	Boiler	DBB	Mar-13	\$805,423	\$535,000	\$270,423	52.06%	\$140,782
Sudbury	Gen. John Nixon ES	Roof	DBB	Mar-13	\$621,554	\$538,000	\$83,554	36.89%	\$30,823
Easton	Easton Jr. HS	Roof	DBB	Mar-13	\$1,850,830	\$1,889,000	-\$38,170	50.16%	\$0
Norton	Solmonese ES	Roof	DBB	Mar-13	\$1,166,044	\$986,000	\$180,044	55.63%	\$100,158
Attleborough	Irvin Studley ES	Roof	DBB	Mar-13	\$773,363	\$489,000	\$284,363	57.74%	\$164,191
Lynn	Breed MS	Windows	DBB	Mar-13	\$1,796,674	\$2,167,300	-\$370,626	80.00%	\$0
Lynn	Lynn Voc. Tech	Roof	DBB	Mar-13	\$4,173,000	\$3,097,000	\$1,076,000	80.00%	\$860,800
Worcester	Chandler Magnet	Windows	DBB	Mar-13	\$3,723,463	\$3,142,320	\$581,143	80.00%	\$464,914
Worcester	Jacob Hiatt Magnet	Boiler	DBB	Mar-13	\$298,877	\$298,703	\$174	80.00%	\$139
Worcester	James Caradonio Center	Windows & Boiler	DBB	Mar-13	\$1,021,820	\$1,030,132	-\$8,312	80.00%	\$0
Worcester	Lake View	Windows	DBB	Mar-13	\$1,127,970	\$789,398	\$338,572	80.00%	\$270,858

\*These numbers are based on preliminary information received from the district and are subject to further review and calculation.

\*\*The construction estimate and bid amount do not include pre-construction services and alternatives.



# Accelerated Repair Project Construction Estimate vs. 2013 Bid Amount

- Out of 36 projects, 33 expected to bid in 2013
- Of the 33, 29 bids have been received
- Of the 29 projects, 25 bids came within the estimated budget

District	School	Scope	Project Type	Bid Date	Construction Estimate **	Bid Amount **	Variance from Construction Estimate	Reimbursement Rate	Potential Grant Variance *
				Total	\$40,231,802	\$31,034,961	\$9,196,841	-	\$6,098,410
Worcester	May Street	Windows	DBB	Mar-13	\$1,655,289	\$1,548,167	\$107,122	80.00%	\$85,698
Gardner	Gardner MS	Boiler	DBB	Apr-13	\$438,439	\$396,100	\$42,339	78.95%	\$33,427
N. Attleborough	Roosevelt Ave. ES	Windows	DBB	Apr-13	\$768,000	\$656,483	\$111,517	52.06%	\$58,056
Quabaog RSD	Warren ES	Boiler	DBB	Apr-13	\$207,000	\$182,444	\$24,556	68.34%	\$16,782
Quabbin RSD	Ruggles Lane ES	Roof & Windows	DBB	Apr-13	\$2,588,409	\$2,287,836	\$300,573	57.74%	\$173,551
Leominster	Fall Brook ES	Boiler	DBB	Apr-13	\$949,550	\$684,000	\$265,550	73.38%	\$194,861
Leominster	Southeast ES	Roof & Boiler	DBB	Apr-13	\$3,146,097	\$1,948,000	\$1,198,097	73.38%	\$879,164
Westfield	Munger Hill ES	Roof	DBB	Apr-13	\$1,170,735	\$593,499	\$577,236	59.84%	\$345,418
Westfield	Paper Mill ES	Roof	DBB	Apr-13	\$1,170,735	\$562,525	\$608,210	59.84%	\$363,953
Southampton	William Norris ES	Roof	DBB	May-13	\$1,504,147	\$922,000	\$582,147	55.00%	\$320,181
Taunton	Galligan School	Roof	DBB	May-13	\$543,570	\$486,600	\$56,970	73.95%	\$42,129
Wayland	Wayland MS	Roof	DBB	May-13	\$2,445,767	\$1,965,800	\$479,967	36.89%	\$177,060
Blackstone-Millville	Maloney ES	Roof	DBB	Sep-13	\$1,405,656	\$702,000	\$703,656	57.74%	\$406,291
Blackstone-Millville	J.F.Kennedy ES	Roof	DBB	Sep-13	\$2,315,707	\$1,093,000	\$1,222,707	57.74%	\$705,991

\*These numbers are based on preliminary information received from the district and are subject to further review and calculation.

\*\*The construction estimate and bid amount do not include pre-construction services and alternatives.



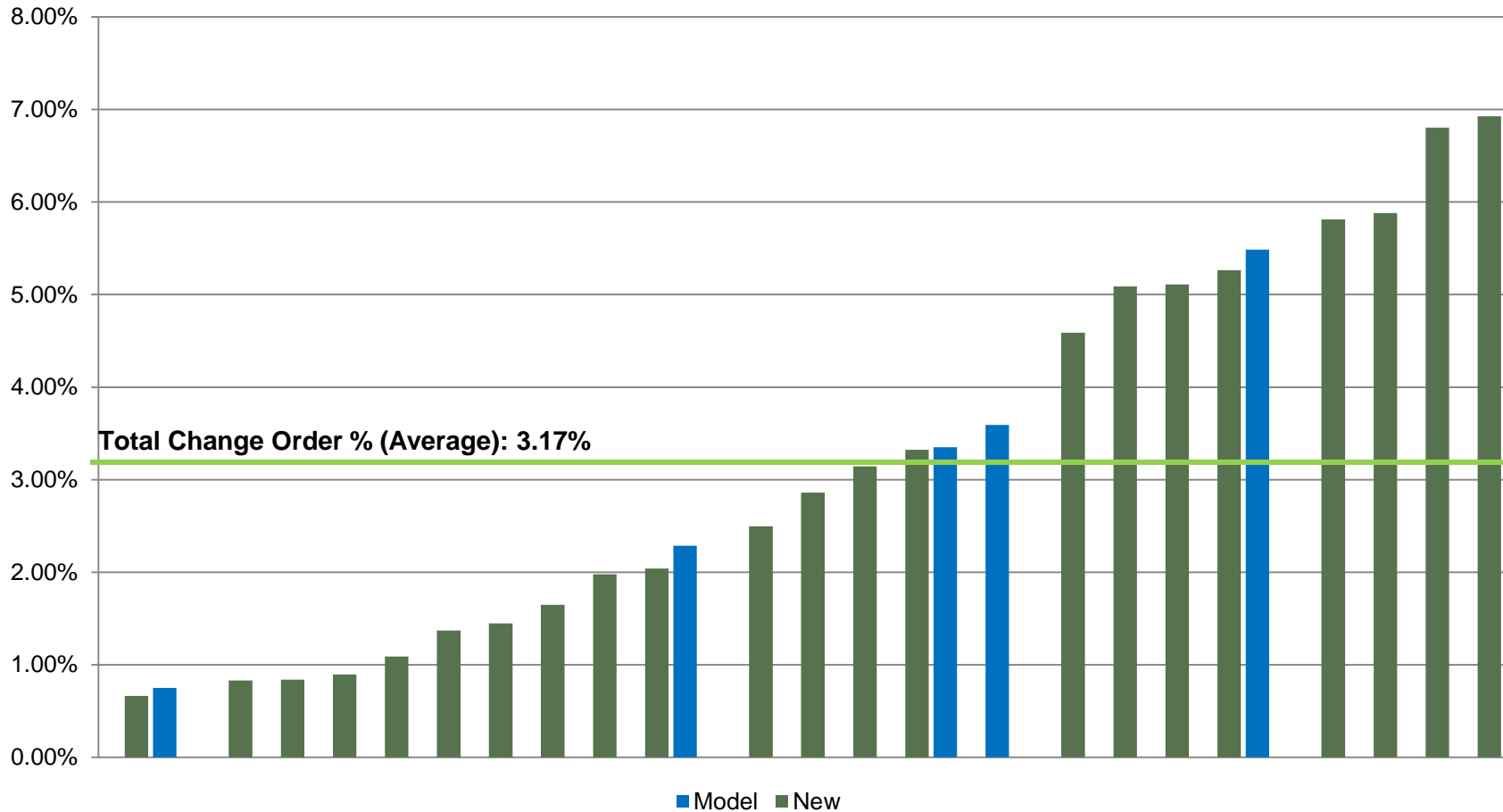
# Change Order Data Review: Basis of Analysis

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- 52 Projects over 75% Complete Reviewed
  - 22 New, 17 Add/Reno, 8 Repairs, 5 Models
  - 31 DBB and 21 CM-R
  
- 828 Change Orders comprised of 6,297 PCOs
  
- \$1.66 B in Awarded Value
  - Total COs = \$52.4 M or 3.2%
  - Ineligible COs = \$33.5 M or 2.1%
  - Eligible COs = \$18.9 M or 1.1%

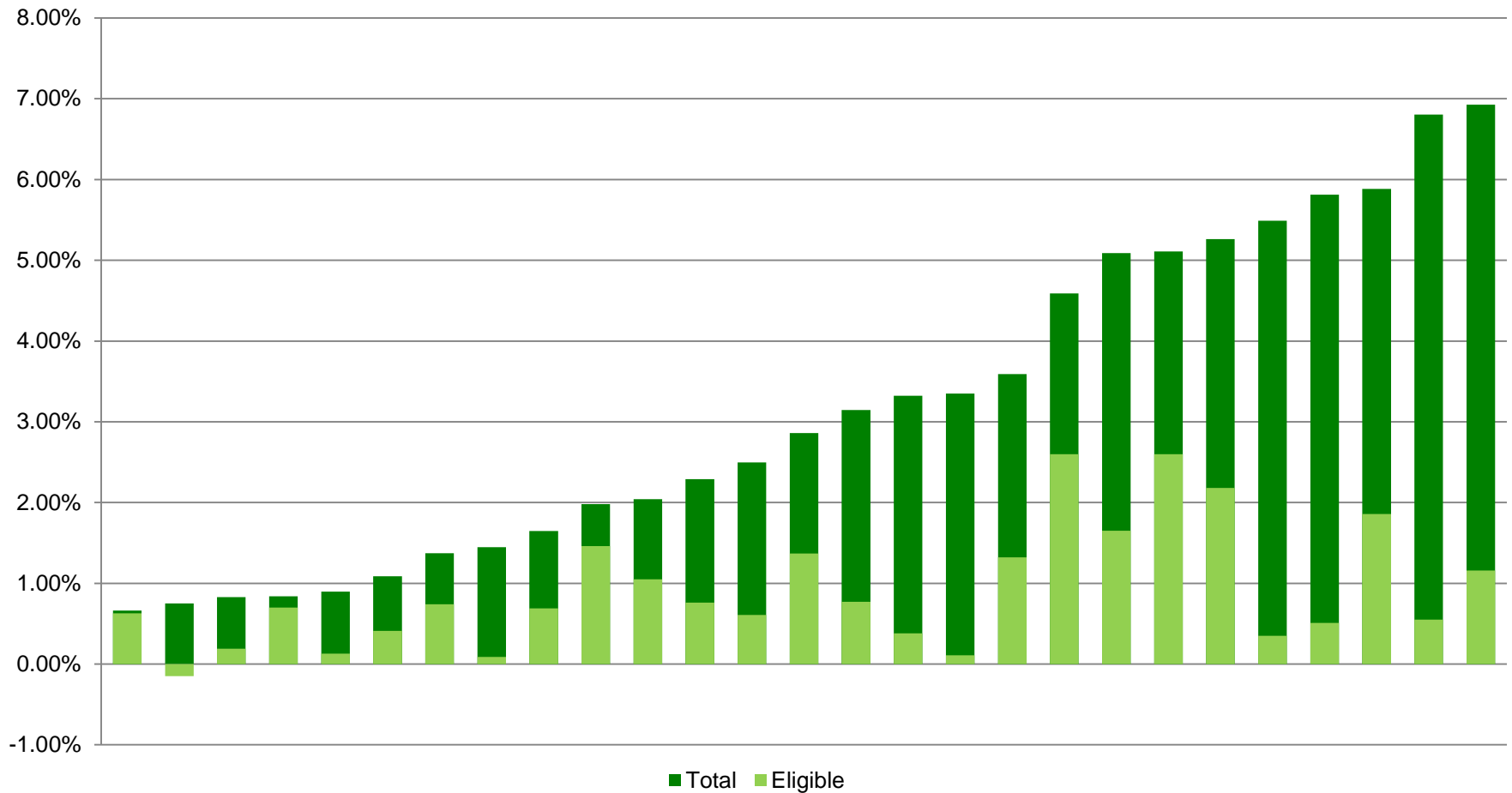


# New Projects and Model Projects: Total Change Orders (Average)





# New Projects and Model Projects: Total and Eligible Change Orders (Average)





# New Projects and Model Projects: Change Order Summary

## New (22) and Model (5) Projects Change Order Summary

### Total Projects: 27 (Over 75% complete)

Of the 27, 8 Projects are between 75% and 95%, 19 Projects are over 95%

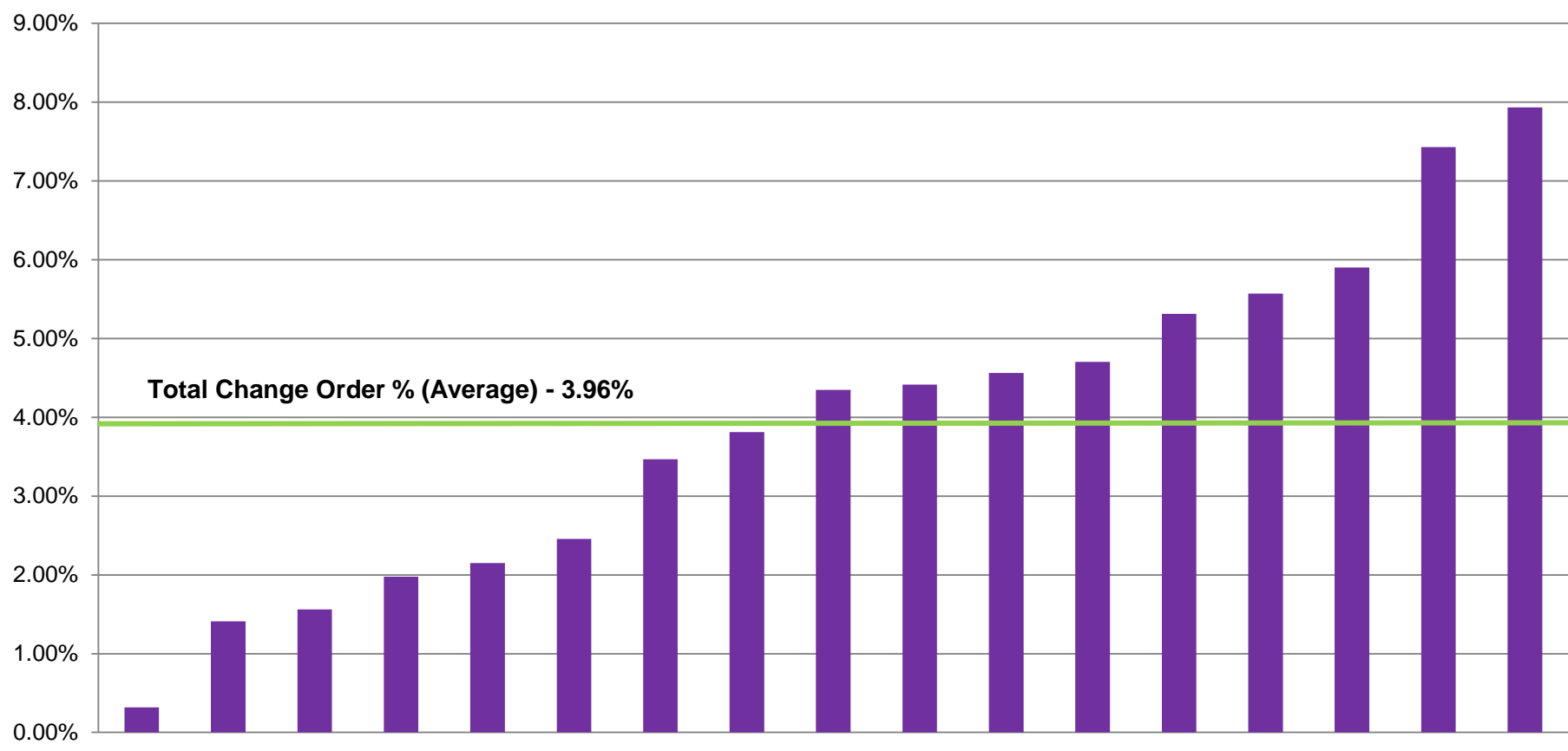
		Total CO %			% Eligible CO's			Design Related CO's	Differing Conditions (Unforeseen)	Owner Directed	3rd Party
	Total	Low	High	Avg.	Low	High	Avg.	Avg.	Avg.	Avg.	Avg.
<b>Total</b>	<b>27</b>	<b>0.66%</b>	<b>6.93%</b>	<b>3.17%</b>	<b>-0.15%</b>	<b>2.18%</b>	<b>0.92%</b>	<b>0.95%</b>	<b>0.53%</b>	<b>1.21%</b>	<b>0.22%</b>

### Design Related Change Orders:

Model: 0.62%  
New: 1.02%

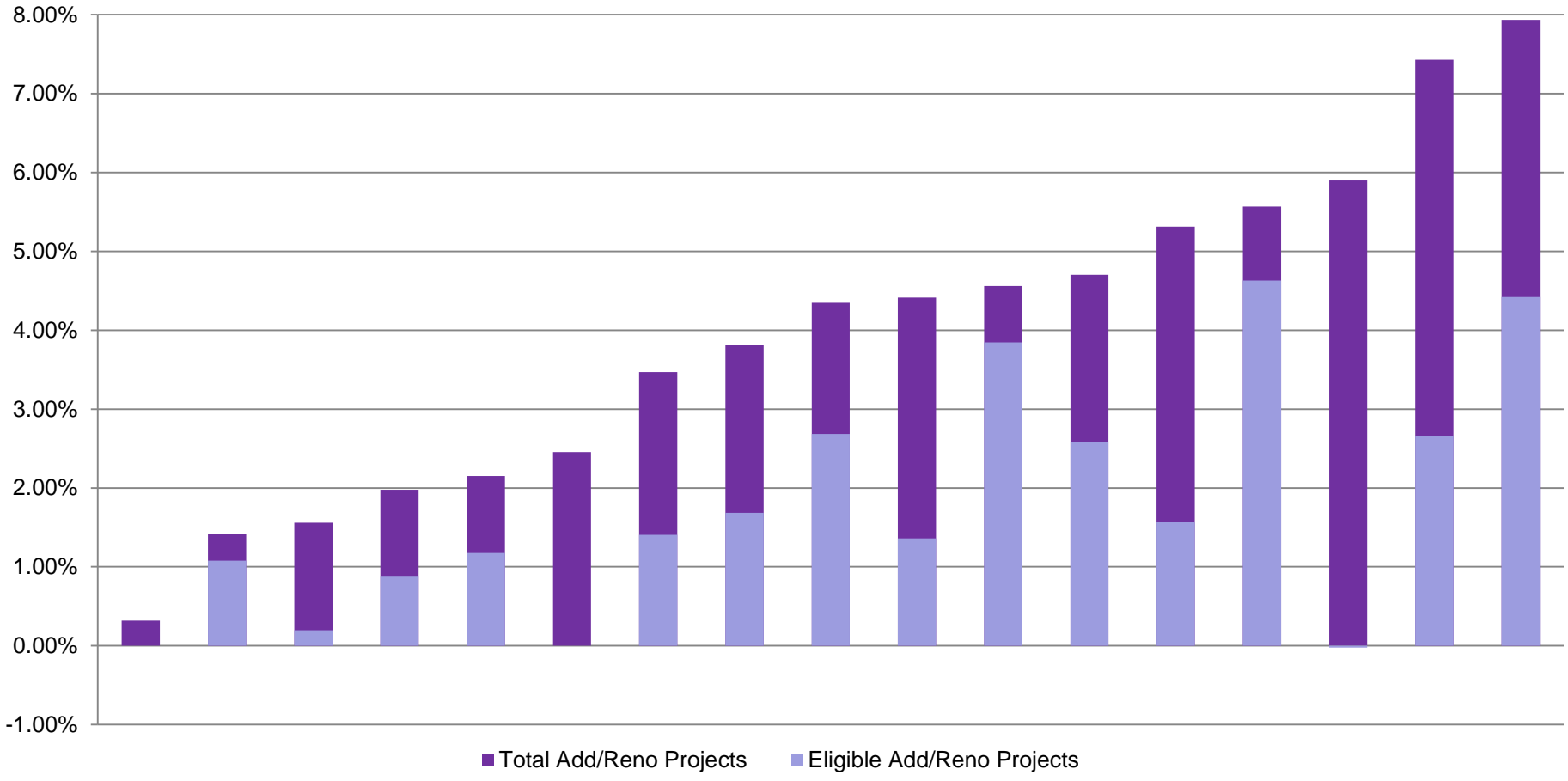


# Addition and Renovation Projects: Total Change Orders (Average)





# Addition and Renovation Projects: Total and Eligible Change Orders (Average)







# Addition and Renovation Projects Change Order Summary

## Addition and Renovation Projects Change Order Summary

**Total Projects: 17 (Over 75% complete)**

Of the 17, 5 Projects are between 75% and 95%, 12 Projects are over 95%

		Total CO %			% Eligible CO's			Design Related CO's	Differing Conditions (Unforeseen)	Owner Directed	3rd Party
	Total	Low	High	Avg.	Low	High	Avg.	Avg.	Avg.	Avg.	Avg.
<b>Add/Reno</b>	<b>17</b>	<b>0.32%</b>	<b>7.94%</b>	<b>3.96%</b>	<b>-0.02%</b>	<b>4.63%</b>	<b>1.77%</b>	<b>1.42%</b>	<b>1.41%</b>	<b>0.86%</b>	<b>0.17%</b>



# Audit Status Update

## Former Program

Completed Projects	Projects Currently Submitting for Reimbursement	Estimated costs remaining
784	4	
\$15.8 billion of costs submitted and audited	\$237 million of costs submitted and audited	Approx. \$30 million of costs to be submitted*

→ \$1.4 billion in audit savings to date

→ \$1.3 billion in estimated grant payments remaining

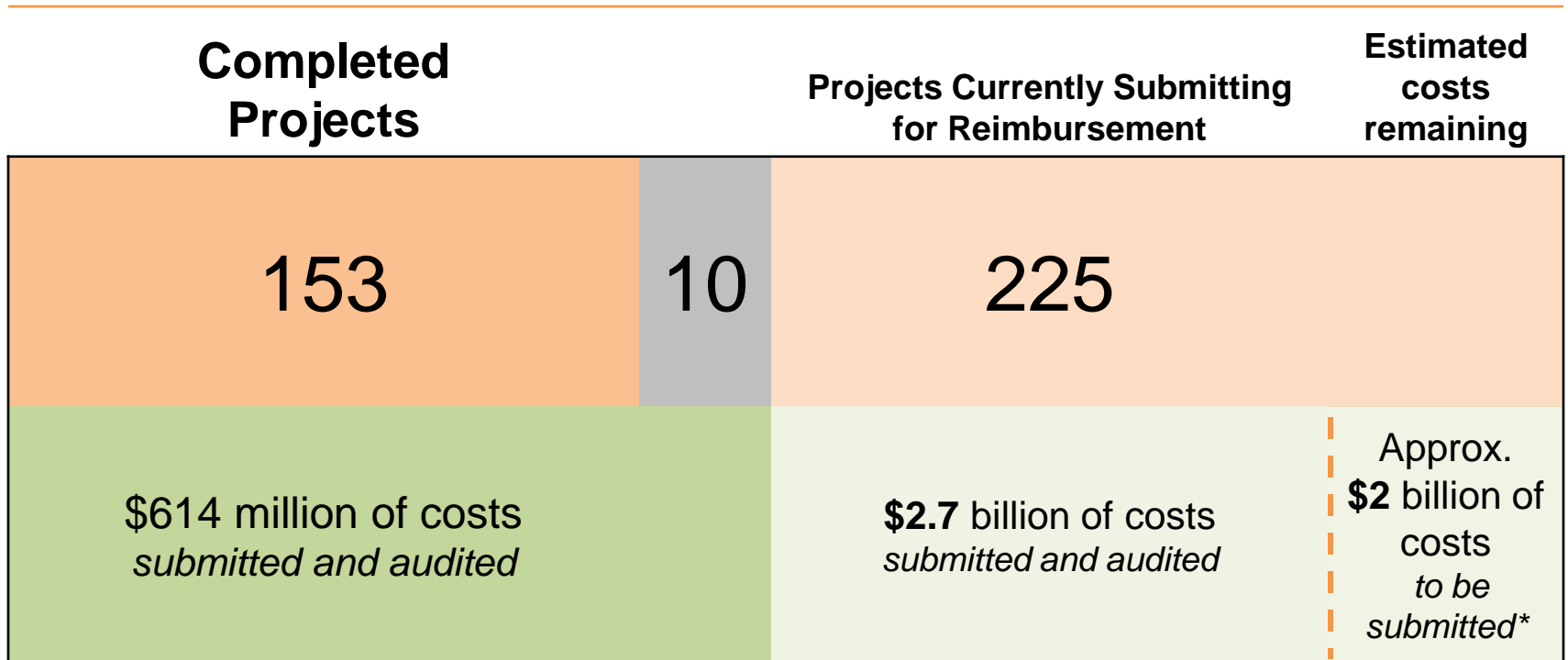
*\*Estimated based on Total Project Budget and submitted costs to date.*



# Audit Status Update

**New Program**

■ **Today's Vote**

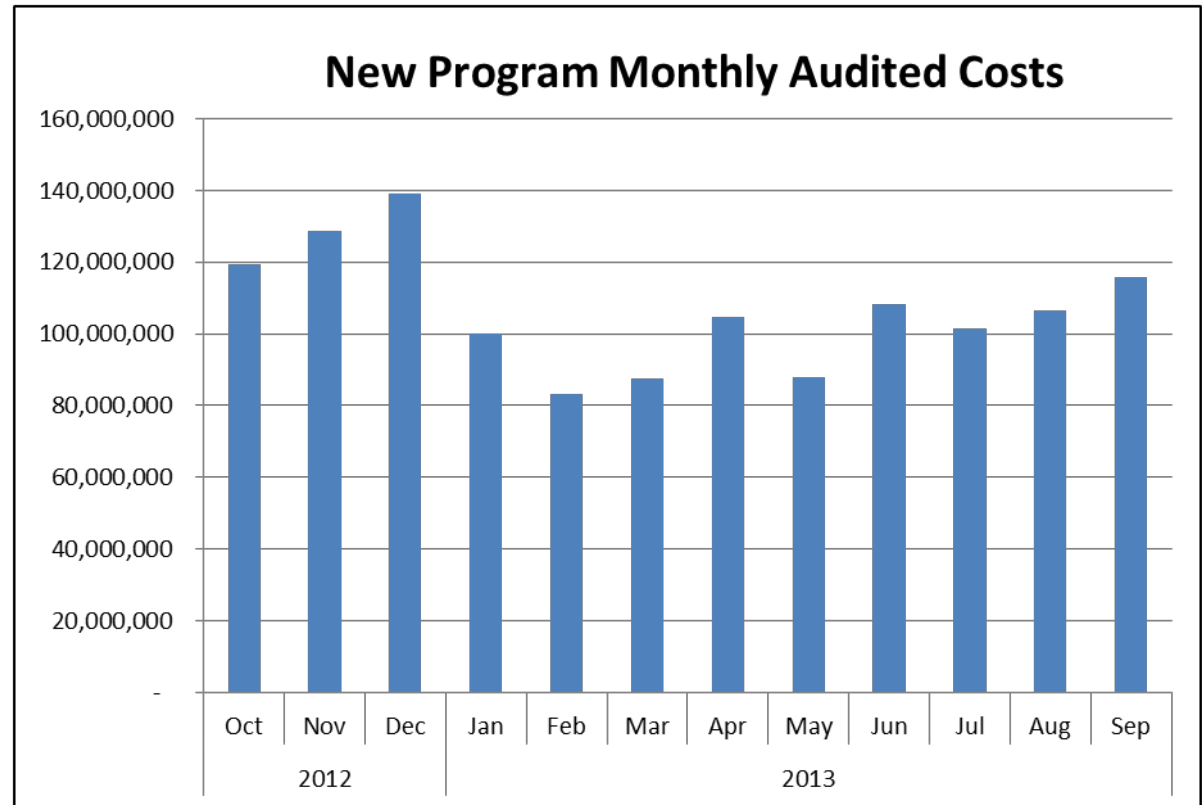



\*Estimated based on Total Project Budget and submitted costs to date.



# New Program – Monthly Audited Costs

- Rolling 12 month submitted costs average of \$107 million
- Total 12 Month Audited Costs = \$1.3 billion





# Closeout Audits – New Program

Today's Vote: Exhibit D, Approval of Final Audits

District	School Name	MSBA Cx	Reimb. Rate	Total Project Budget	Final Costs Submitted	Basis for Final Total Facilities Grant	Final Total Facilities Grant
Chelmsford	Chelmsford High School	x	49.31%	\$1,608,734	\$1,608,671	\$1,537,454	\$758,119
Fitchburg	Fitchburg High School	x	80.00%	\$1,526,160	\$1,261,302	\$1,156,181	\$924,945
Fitchburg	Memorial Intermediate School	x	80.00%	\$2,045,009	\$1,820,621	\$1,798,455	\$1,438,764
Fitchburg	South Street Elementary School	x	80.00%	\$1,564,188	\$1,542,430	\$1,508,271	\$1,206,617
Fitchburg	Reingold Elementary School	x	80.00%	\$1,235,763	\$1,039,325	\$1,009,010	\$807,208
Lowell	Peter W. Reilly Elementary School	x	80.00%	\$869,012	\$512,281	\$467,844	\$374,275
Weston	Weston High School	x	31.00%	\$957,079	\$910,465	\$827,140	\$256,413
Westport	Alice A. Macomber Primary School	x	46.16%	\$510,154	\$470,538	\$470,518	\$217,191
Westport	Westport High School	x	46.16%	\$1,550,216	\$1,535,830	\$1,482,829	\$684,474
Woburn	Goodyear Elementary School	x	54.21%	\$24,555,615	\$23,379,020	\$21,158,219	\$11,469,871
				<b>\$36,421,930</b>	<b>\$34,080,483</b>	<b>\$31,415,921</b>	<b>\$18,137,877</b>

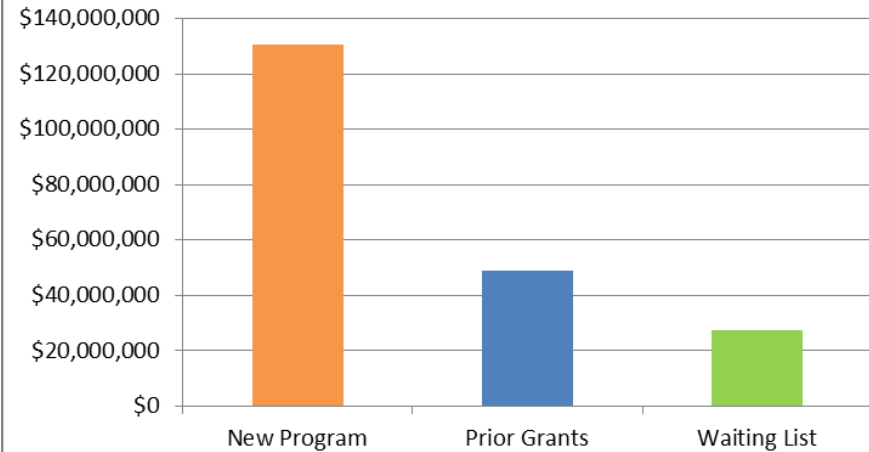


# Grant Payments – FY2014 YTD Update

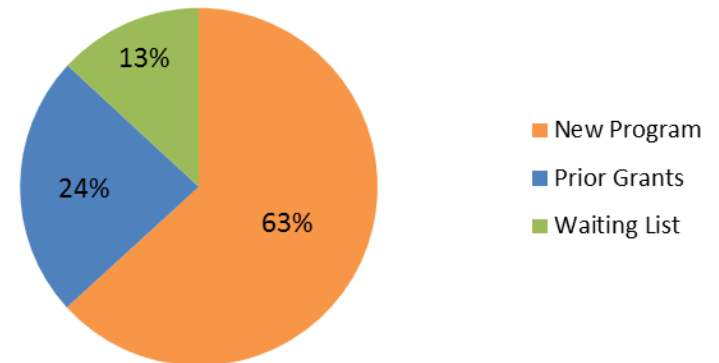
## *FY2014 YTD Grant Payments Summary\**

<b>Program</b>	<b>Grant Payments</b>	<b># Projects</b>	<b># Districts</b>
New Program	130,720,109	122	97
Prior Grants	48,917,746	82	66
Waiting List	27,128,358	30	22
	<b>206,766,213</b>	<b>234</b>	<b>159</b>

**FY2014 Grant Payments - YTD by Program**



**FY2014 Grant Payments - YTD % by Program**



\* Reflects grant payments processed as of September 18, 2013.



# SMART Collections Update

- FY14 SMART collections through August were approximately \$7.8 million (6.7%) greater than FY13 collections during the same period
- July and August, 2013, each exhibited growth in excess of 6% over the same month during the previous fiscal year

Month	Jul	Aug
<b>FY13 Collections</b>	60,514	56,214
<b>FY14 Collections</b>	64,231	60,261
<b>Change (\$ 000)</b>	3,717	4,047
<b>% Change</b>	6.1%	7.2%

