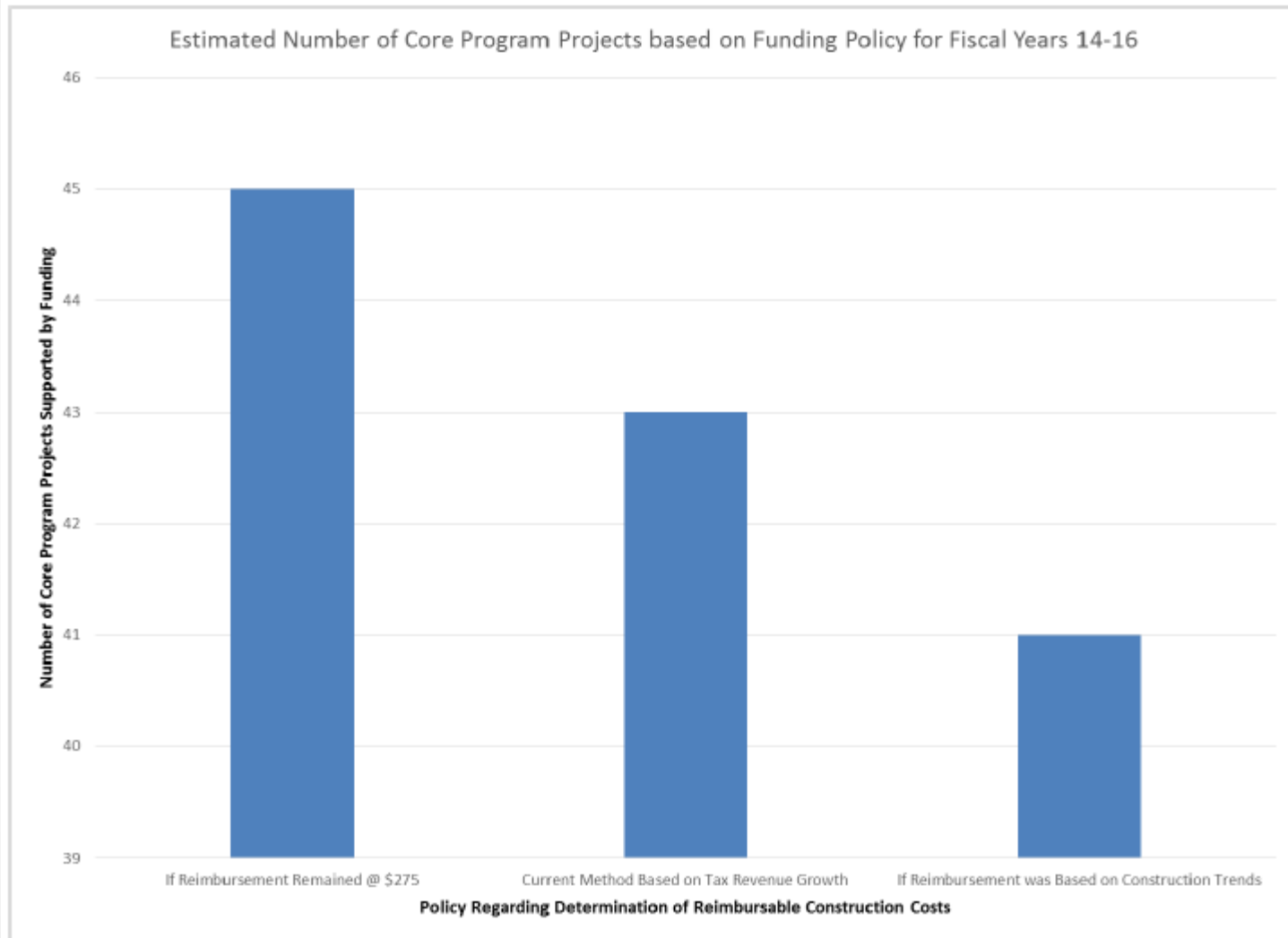


Carver Elementary School



Carver School Building Committee Meeting
September 8th, 2015

MSBA Data – Funding Policy Impact



www.MassSchoolBuildings.org

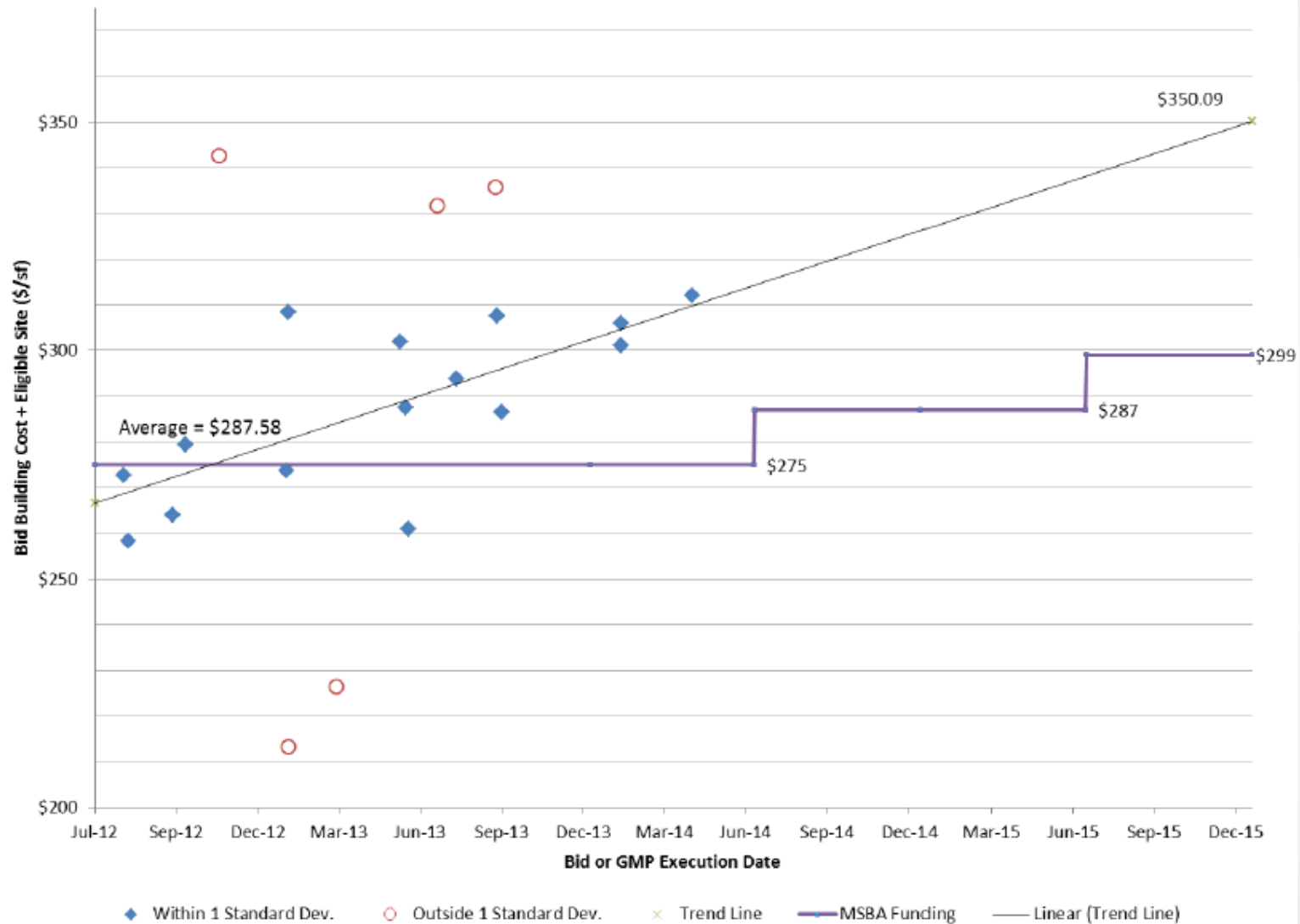
MSBA Data – Cost per SF Trends

Fiscal Year	No.	Marked Up Building + Eligible Site Cost (\$/sf)			
		Schematic Design Estimates		GC Bid or CMR GMP	
		Average	Range	Average	Range
2010	6	\$294	\$256-\$359	\$226	\$197-\$261
2011	13	\$267	\$241-\$294	\$242	\$188-\$279
2012	14	\$264	\$242-\$292	\$259	\$224-\$289
2013	11	\$286	\$243-\$317	\$274	\$213-\$343
2014	8	\$312	\$275-\$339	\$309	\$286-\$336
2015	9	\$349	\$312-\$441	-	-

Estimates are presented by GC Bid or CM-R GMP execution dates.

www.MassSchoolBuildings.org

MSBA Data – Cost per SF Trends



Reconciled Schematic Estimate

PM&C (Estimate of Record):	\$44,602,460
AM Fogarty:	\$44,831,204
MSBA @ \$299/SF:	\$35,347,994

Tax Impact for Proposed Project

Anticipated MSBA Award as discussed on 8/31/15

Total MSBA Project Budget	\$45,274,133
Maximum Total MSBA Facilities Grant	\$25,191,287
Projected Carver Share of Project	\$20,082,846

	Principal	Total P&I payment
25yrs level payments bond	\$20,000,000	\$35,893,296
	\$27,000,000	\$48,455,950

	<u>Ave value/unit</u>	<u>cost/ unit @\$20M</u>	<u>cost/ unit @\$27M</u>
Impact on average valued single family house	\$259,066	\$331	\$447
Impact on average valued condo	\$220,928	\$283	\$382
Impact on average valued mobile home	\$20,446	\$39	\$53

VE – HVAC System

From Superintendent of W. Bridgewater Schools:

From: Patty Oakley

Date: September 9, 2015 at 1:20:00 PM EDT

Subject: Re: Temp

Ok it doesn't get much hotter than today or yesterday...I did a walkthrough and checked thermostats, classrooms on the second floor ranged from 68 - 73. The cafeteria was 72 and the upper deck near the doors was 74. The gym was a cool 72. Ironically there was an article in the Enterprise today about how cool the school was yesterday!!!

On Sep 8, 2015, at 8:44 PM, Patty Oakley wrote:

I walked around today and it was awesome even the second floor. People cannot believe how well it works. It feels like AC. And it's not going to get much hotter and muggier than today. The only space that was warmer but not bad was the top level of the cafeteria but that was because we let the kids go out into the courtyard and the hot air kept coming in...but still not hot..I can get temp tomorrow if you want...

Almanac			
Sep 9	HIGH	LOW	PRECIP
Average	75° F	54°	--
Record	93° (2002)	39° (1980)	--
Reported Conditions			
Yesterday	95°	69°	0.00 in
Last 7 Days	95°	50°	0.00
Month to Date	95°	50°	0.00
Historical Monthly Avg			
September	73°	51°	3.79
October	62°	40°	4.43
November	52°	32°	4.47

VE – HVAC System

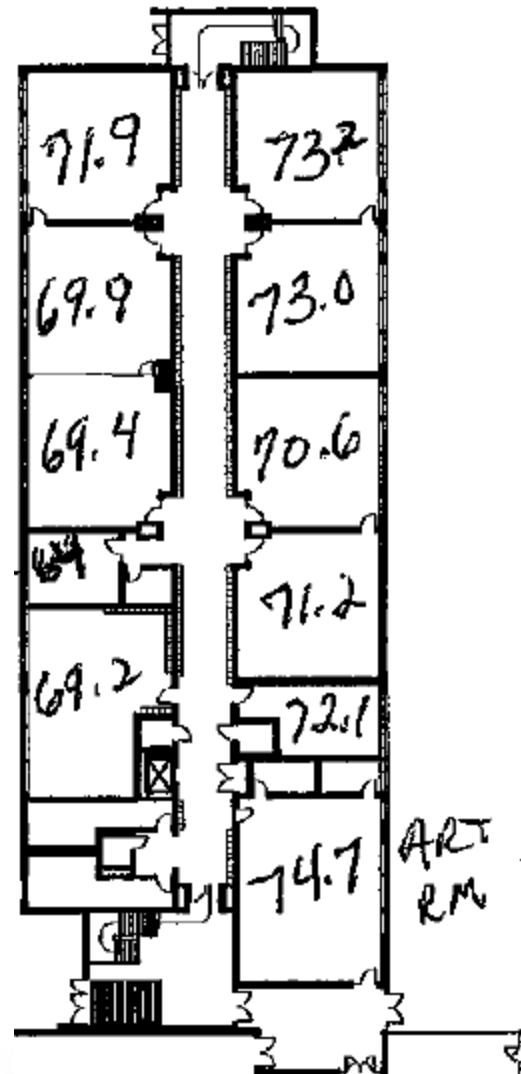
From Rochester Facilities:

9/9/15 - 11:55AM

87.4° at the Unit (on roof)

64.5% Humidity

Almanac			
Sep 9	HIGH	LOW	PRECIP
Average	76° F	56°	--
Record	90° (1985)	36° (1952)	--
Reported Conditions			
Yesterday	91°	69°	0.00 in
Last 7 Days	91°	52°	0.00
Month to Date	91°	52°	0.00
Historical Monthly Avg			
September	74°	53°	4.29
October	63°	43°	4.32
November	53°	36°	4.82



VE – CPA Proposed

\$1.5M Total

Description	Estimated Savings
Eliminate irrigation	\$ 351,407
Eliminate/defer two southernmost soccer fields	\$ 70,885
Change all fields to plain seeded lawn	\$ 176,240
Delete Play Areas (incl rubberized surface, curbing, etc) Change to seeded Lawn	\$ 220,000
Reduce play equipment by 100%	\$ 300,000
Eliminate planting areas in courtyards, replace with seeded lawn	\$ 27,939
Reduce plantings by 100% - Locate Alternate Funding	\$ 214,518
Eliminate basketball court	\$ 85,581
Eliminate seating (benches)	\$ 63,600

VE – Live Update

Next Steps:

- 8/24/15 – Schematic Design sent to Estimators
- 8/31/15 – SBC Meeting: CM @ Risk Discussion, Design Briefing & VM Option Discussion

- **9/10/15 – SBC Meeting:** Review Estimates & Approve VM Options
- 9/15/15 – Selectmen Meeting to Approve SBC Recommendation
- 9/17/15 – Schematic Estimates/Budget Due to MSBA
- 10/1/15 – Schematic Design Submittal to MSBA
- 11/18/15 – MSBA Board Approval of Schematic Design
- **12/1/15 – Special Town Meeting**
- **12/19/15 (tentative) – Carver Town Meeting/Vote on Project Funding**

Discussion / Questions?

Carver School Building Committee Meeting
September 8, 2015

