

Long-Range Facilities Planning

Timeline

October 11, 2011

Long Range Facilities Planning

- January 2005 – School Committee appoints Facilities Subcommittee
- December 2005 – School Committee requests long-range facilities study for inclusion in the City's capital plan
- Fall 2006 – Decision to commission a long-range facilities study
- December 2006 - Long-Range Facilities Committee formed
- February 2007 - HMFH chosen as designer for the study of school space and facility needs

Long Range Facilities Planning

- HMFH lays out scope of work and project schedule from February to June 2007
- June 2007 – School Committee considers three HMFH options, stresses flexibility; will readjust plan based on October 2007 enrollment
- June 2007 – School Committee files SOI's to MSBA for 17 of 21 schools
- August 2007 – District advises MSBA that Angier, Cabot and Zervas are all equal first priorities; later narrowed to Angier as #1

Long Range Facilities Planning

- September 2007 – Focus on MSBA updates
- October to December 2007 – Short-term measures considered for elementary school crowding including modulars, choice zones and redistricting
- December 2007 – School Committee votes for three modulars for Angier, Bowen (double-decker) and Burr; proposed move of current Bowen modular to Mason-Rice

Long Range Facilities Planning

- December 2007 – HMFH presents 3 revised options using updated enrollment projections (16th elementary school and 5th middle school not needed)
- January 8, 2008 – Interactive Public Forum on Long-Range Facilities
- January - March 2008 – Long-Range Facilities Committee evaluates 3 options
- March 2008 – Option #3 chosen; has the least amount of disparity in school sizes – determined to be a high priority

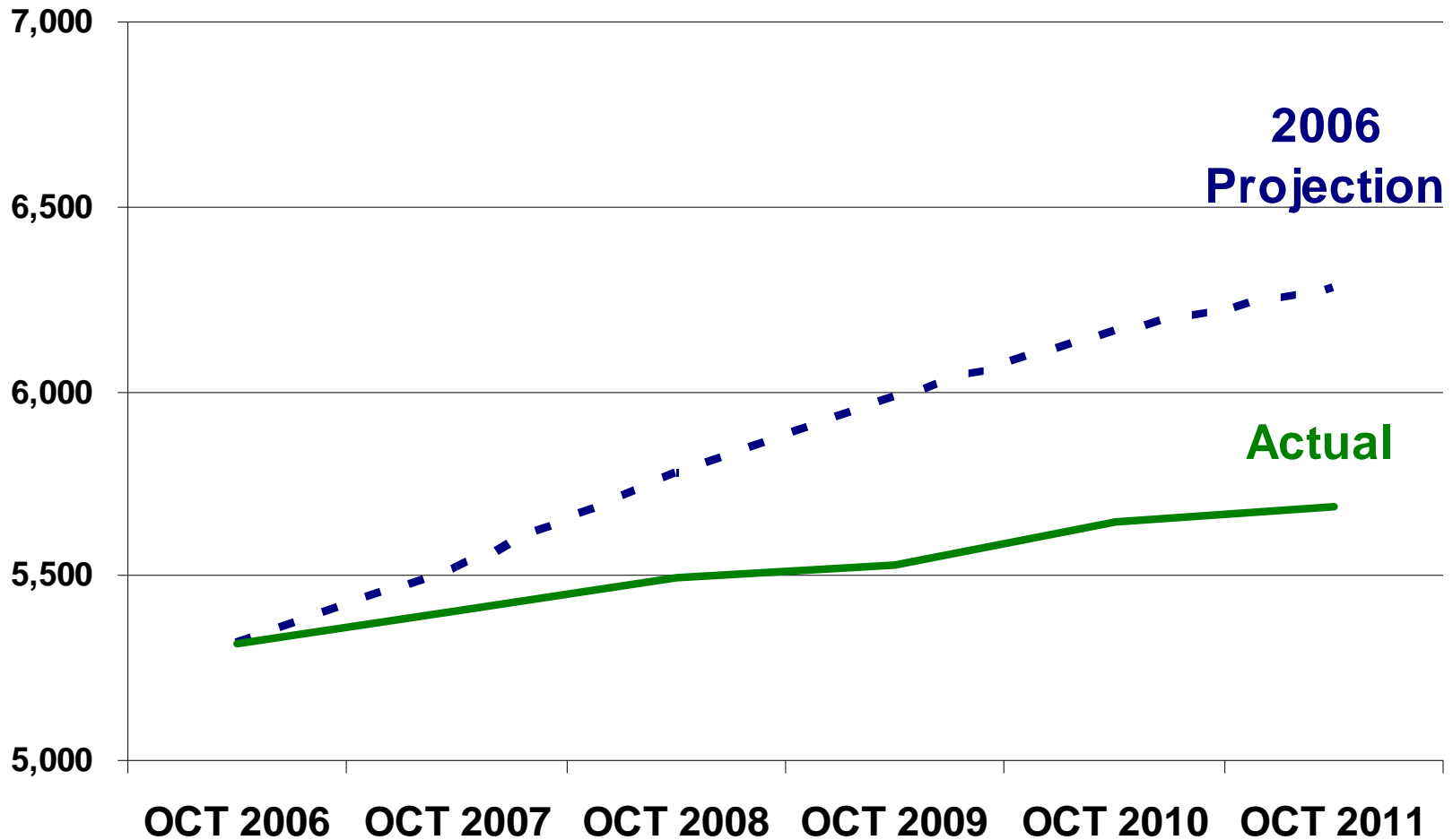
Long Range Facilities Planning

- April 2008 – HMFH introduces the Feasibility Study phase which will include school assessment, exploration of design options, timelines and costs
- June 2008 – School Committee votes on HMFH Option #3; the Mayor submits to the Board of Aldermen a request to fund feasibility studies for Angier, Cabot, Zervas and Carr
- September 2008 – Planning begins for middle school short-term space needs

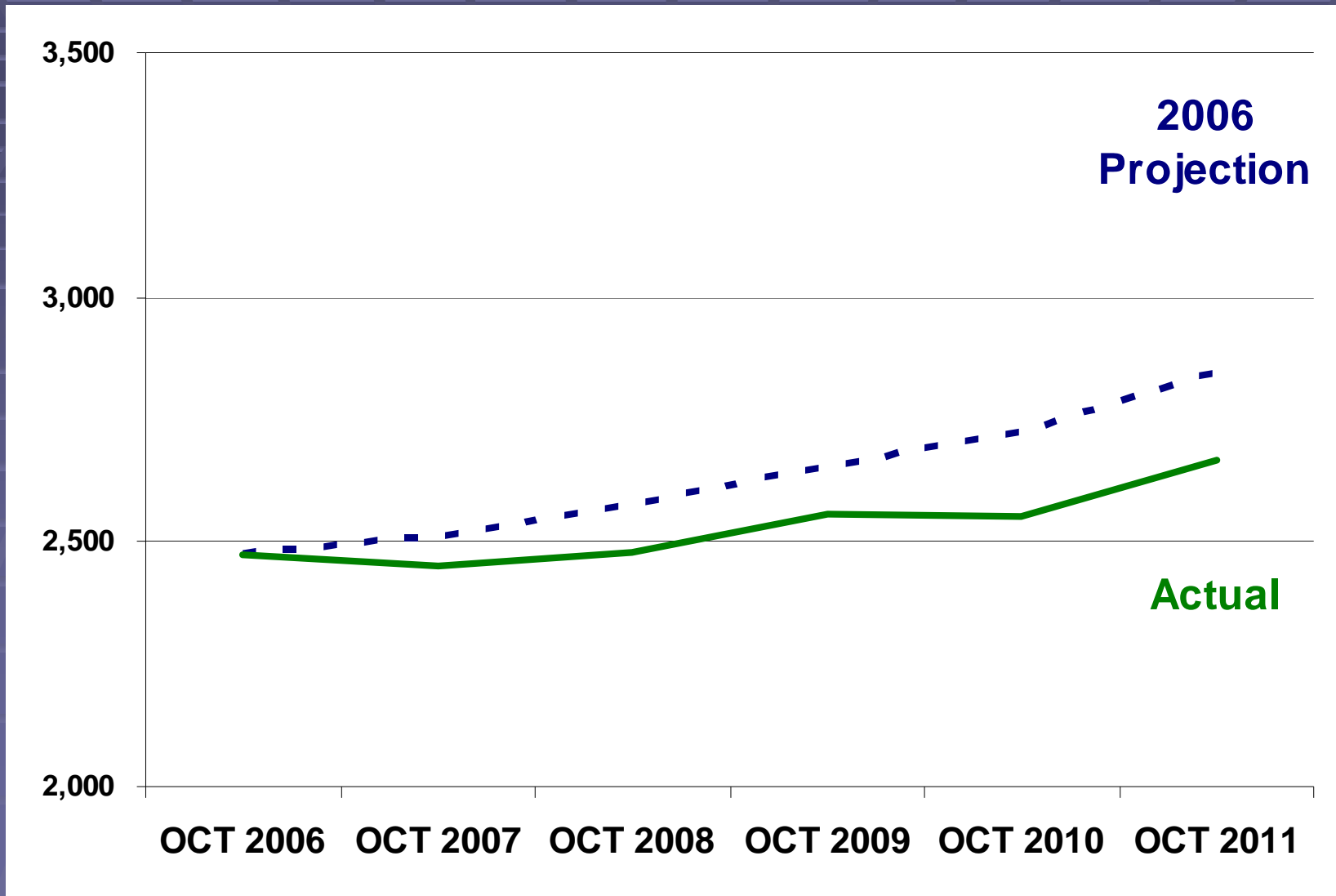
Long Range Facilities Planning

- September 2008 – MSBA receives updated Master Plan after June vote
- November 2008 - Revised SOI's submitted to MSBA
- January 2009 to December 2010 – Short-term facilities work on-going including modulars for Oak Hill (September 2010) and intensive review of Day
- May 2011 to October 2011– HMFH awarded Day design contract, designs and presents options

Elementary Enrollment (K-5)



Middle School Enrollment (6-8)



2011 Update of 2007 Facilities Master Plan: Planning Assumptions

- Maintain neighborhood schools
- Maintain current grade structure
- Try to keep elementary school sizes to below approximately 450 students each
- Redistrict as a “no cost” step
- Include Education Center and Carr School in the planning process
- Consider the integrated pre-school program in the planning process

Planning Assumptions

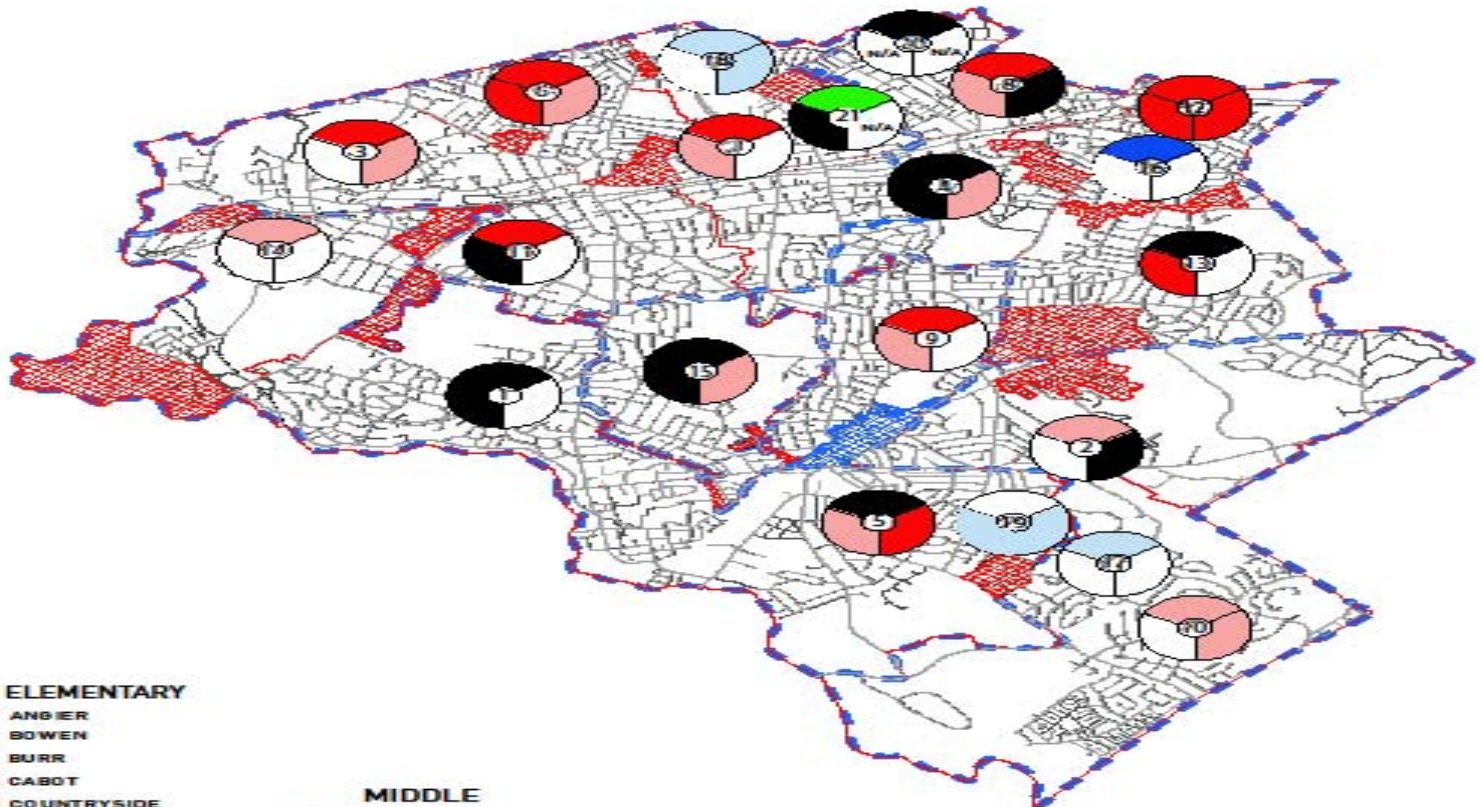
- Consider modular classrooms as short-term solutions
- Respect Mass Pike as an elementary school district boundary
- Try to respect Route 9 as an elementary school district
- Maintain (or create) coherent feeder patterns to middle and high schools
- Classrooms that are 800 sf or larger can accommodate 22 students
- Maintain (or provide) spaces for After Care

Planning Assumptions

- Build capacity into the elementary system early on
- Remediate the neediest buildings early in the process
- Create reasonable school sizes, neither super-sized nor extremely small schools
- The long-range plan can be revisited and adjusted as new information becomes available
- Consider cost to the city as well as state funding
- Be good neighbors in the community

Priorities

- Alleviate current and projected overcrowding
- Replace aged, obsolete and educationally deficient facilities
- Renovate and upgrade to provide appropriate educational spaces and environments



ELEMENTARY

- 1 ANGLER
- 2 BOWEN
- 3 BURR
- 4 CABOT
- 5 COUNTRYSIDE
- 6 FRANKLIN
- 7 HORACE MANN
- 8 LINCOLN-ELIOT
- 9 MASON-RICE
- 10 MEMORIAL-SPAULDING
- 11 PEIRCE
- 12 UNDERWOOD
- 13 WARD
- 14 WILLIAMS
- 15 ZERVAS
- 18 CHOICE AREAS

MIDDLE

- 16 BIGELOW
- 17 BROWN
- 18 DAY
- 19 OAK HILL
- 22 CHOICE AREAS

OTHER

- 20 CARR
- 21 EDUCATION CENTER

Category of Assessment



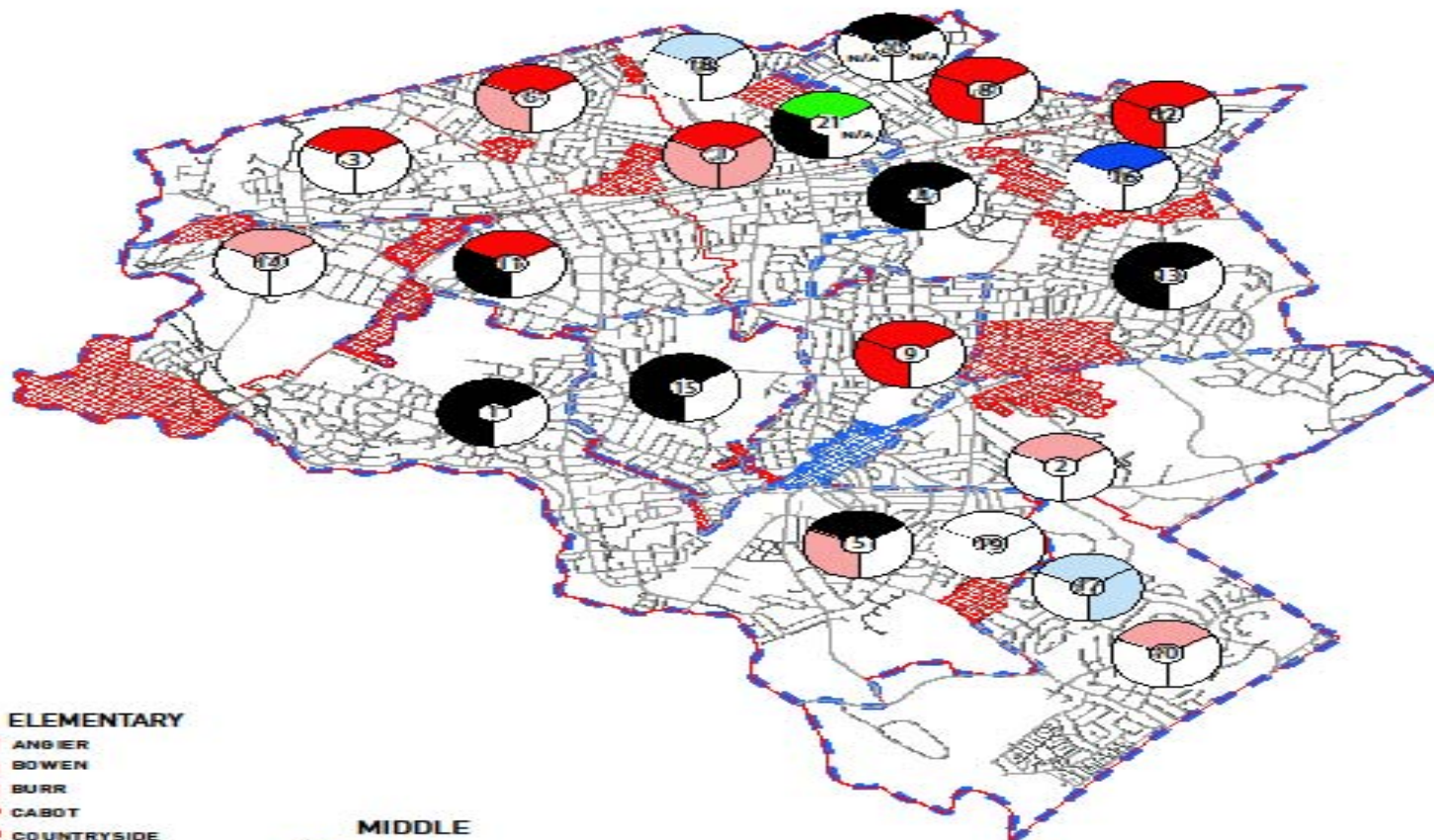
Level of Need

	Elem.	Middle	Other
Low 1	[White]	[White]	[White]
Mod. Low 2	[Light Red]	[Light Blue]	[Light Green]
Mod. High 3	[Red]	[Blue]	[Green]
High 4	[Black]	[Black]	[Black]

*A percentage change in student population between school years 2006/07 and 2001/02

Newton Schools Study
Existing Schools Assessment
 See **Appendix J** Summary Spreadsheet





- ELEMENTARY**
- 1 ANIER
 - 2 BOWEN
 - 3 BURR
 - 4 CABOT
 - 5 COUNTRYSIDE
 - 6 FRANKLIN
 - 7 HORACE MANN
 - 8 LINCOLN-ELIOT
 - 9 MASON-RICE
 - 10 MEMORIAL-SPAULDING
 - 11 PEIRCE
 - 12 UNDERWOOD
 - 13 WARD
 - 14 WILLIAMS
 - 15 ZERVAS
 - 20 BUFFER ZONES

- MIDDLE**
- 16 BIGELOW
 - 17 BROWN
 - 18 DAY
 - 19 OAK HILL
 - 20 BUFFER ZONES

- OTHER**
- 21 CARR
 - 22 EDUCATION CENTER

Category of Assessment



*A percentage change in student population between school years 2011/12 and 2007/08

Level of Need

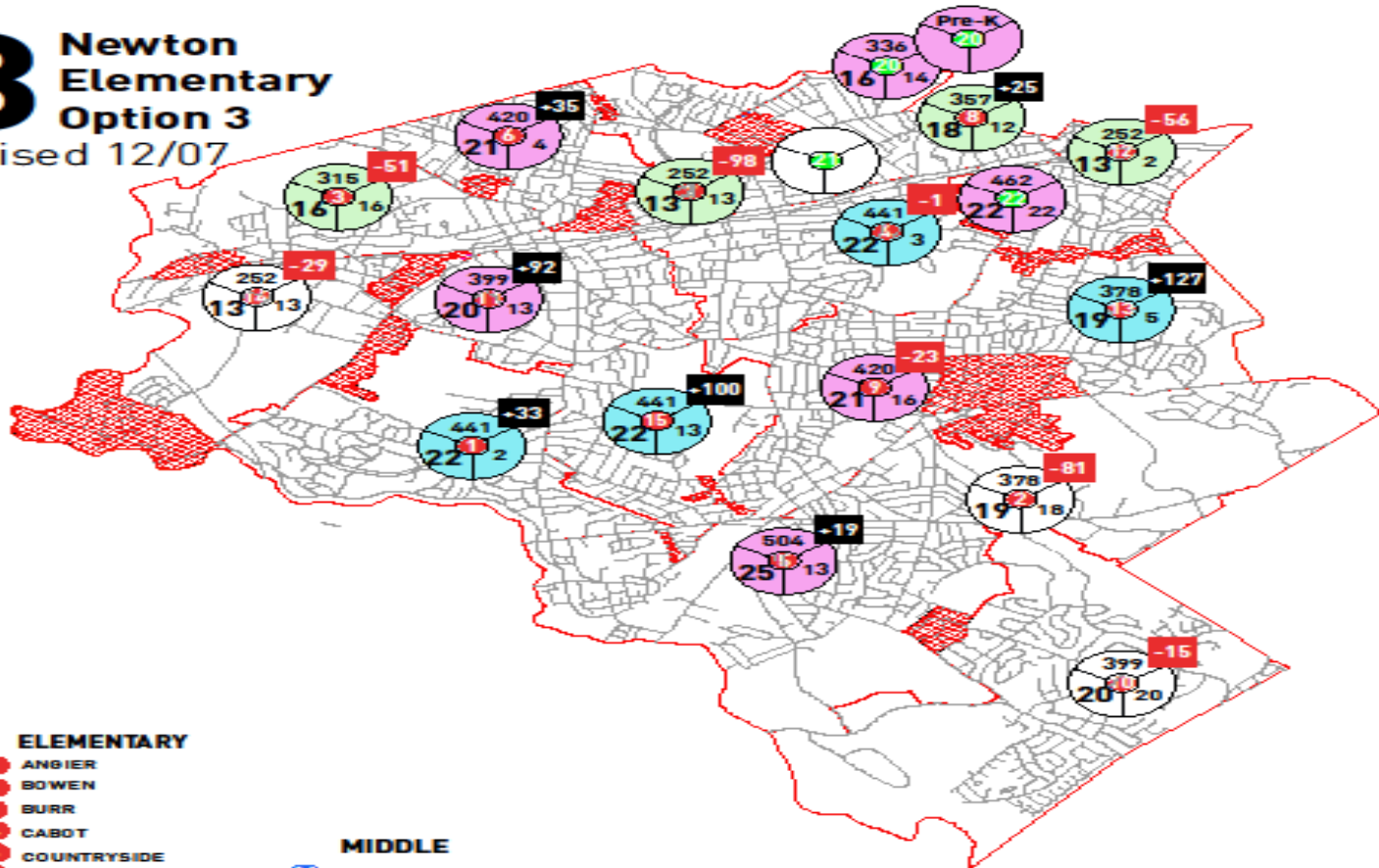
	Elem.	Middle	Other
Low 1	White	White	White
Med. Low 2	Light Red	Light Blue	Light Green
Med. High 3	Red	Blue	Green
High 4	Black	Black	Black

Newton Schools Study
Existing Schools Assessment - Update October 2011
 See **Appendix J** Summary Spreadsheet



3 Newton Elementary Option 3

revised 12/07



ELEMENTARY

- 1 ANGIER
- 2 BOWEN
- 3 BURR
- 4 CABOT
- 5 COUNTRYSIDE
- 6 FRANKLIN
- 7 HORACE MANN
- 8 LINCOLN-ELIOT
- 9 MASON-RICE
- 10 MEMORIAL-SPAULDING
- 11 PEIRCE
- 12 UNDERWOOD
- 13 WARD
- 14 WILLIAMS
- 15 ZERVAS
- 16 OPTIONAL AREAS

MIDDLE

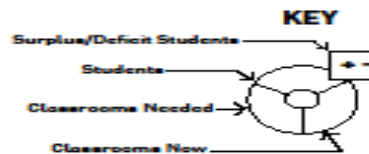
- 16 BIGELOW
- 17 BROWN
- 18 DAY
- 19 OAK HILL
- 20 OPTIONAL AREAS

OTHER

- 20 CARR
- 21 EDUCATION CENTER
- 22 ADUINAS

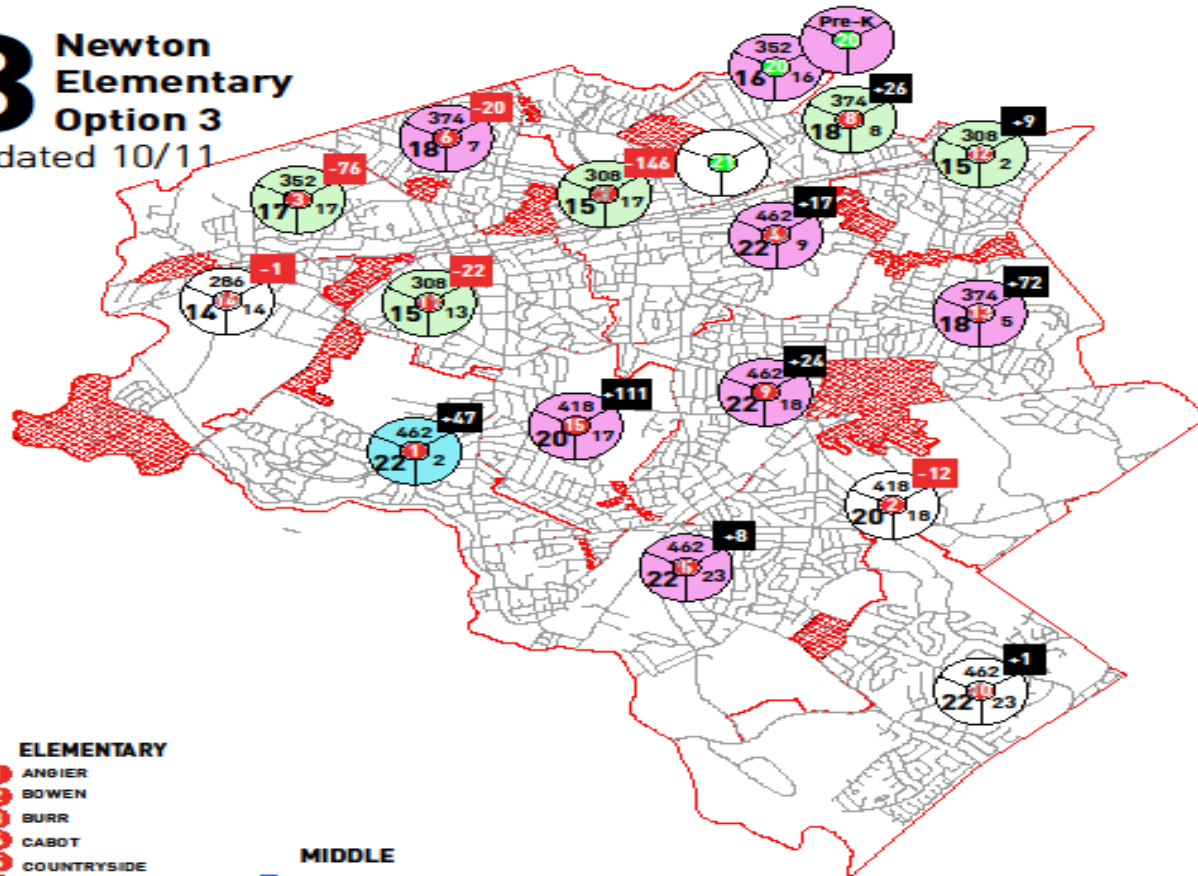
POSSIBILITIES

- No Change
- Renovate & Reuse
- Renovations
- Renovations/ Additions
- New



3 Newton Elementary Option 3

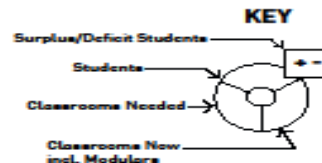
Updated 10/11



- ELEMENTARY**
- 1 ANGIER
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 - 14 WILLIAMS
 - 15 ZERVAS
 - 16 BUFFER ZONES

- MIDDLE**
- 16 BIGELOW
 - 17 BROWN
 - 18 DAY
 - 19 OAK HILL
 - 20 BUFFER ZONES

- OTHER**
- 20 CARR
 - 21 EDUCATION CENTER



- POSSIBILITIES**
- No Change
 - Renovations
 - New or Renovations/ Additions
 - New

Newton Schools Study
Preferred Option 3 - Updated

October 2011

School Name	quantity of classrooms		quantity of students				
	Unit	22/CR	2017	deficit	surplus	net	
Angier	22	21+1	462	415		47	
Cabot	22	21+1	462	445		17	
Zervas	20	19+1	418	307		111	
Countryside	22	21+1	462	454		8	
Franklin	18	17+1	374	394	20		
Mason-Rice	22	21+1	462	438		24	
Ward	18	17+1	374	302		72	
Burr	17	16+1	352	428	76		
Horace Mann	15	14+1	308	454	146		
Lincoln-Eliot	18	17+1	374	348		26	
Peirce	15	14+1	308	330	22		
Underwood	15	14+1	308	299		9	
Bowen	20	19+1	418	430	12		
Memorial-Spaulding	22	21+1	462	461		1	
Williams	14	13+1	286	287	1		
Total	280	265+15	5830	5,792	277	315	38

Resulting system configuration: 5 schools w/22 CRs, 2 schools w/20 CRs, 3 schools w/18 CRs, 1 school w/17 CRs, 3 schools w/ 15 CRs and 1 school w/ 14 CRs

Analysis:

School	Classroom Quantity
Replacement highly likely:	
Angier	22
Expansion possible with additions or replacement:	
Cabot	22
Countryside	22
Franklin	18
Mason-Rice	22
Ward	18
Zervas	20
Renovation-only Intended; site constraints make expansion difficult without replacement:	
Burr	17
Horace Mann	15
Lincoln-Eliot	18
Peirce	15
Underwood	15
No expansion/ renovation Intended at this time:	
Bowen	20
Memorial-Spaulding	22
Williams	14
Total	280

Note: Carr School is intended to be renovated and added on to for use a swing space and as the new location for the Integrated Preschool Program.