



Groton School Facilities Initiative

Options

July 11, 2013





Introduction

- Presentation of Options
- Impacts and Considerations of Each
- Discussion on additional courses of action



Capacity Comparison

Grade 6-8 Middle Schools

District	School Name	Square Footage	Acreage	General Classrooms	Capacity	10/2010 Enrollment*
Bristol	Chippens Hill Middle School	166,200	24.0	45	911	817
Bristol	Northeast Middle School	74,000	25.0	29	748	560
East Haven	Joseph Melillo Middle School	83,320	19.0	38	850	647
Plainfield	Plainfield Central School	87,000	25.0	28	760	595
Putnam	Putnam Middle School	94,154	20.0	35	717	288
Torrington	Torrington Middle School	163,300	25.0	58	1,400	1,127
Vernon	Vernon Center Middle School	140,000	75.0	37	988	741
Bristol	Memorial Blvd School	96,524	8.0	27	660	512
Groton	West Side Middle School	76,000	40.6	35	510	506*
Groton	Carl C. Cutler Middle School	73,671	40.5	28	510	462*

* Groton enrollment data is updated to 10/2012 figures

Grade 7-8 Middle Schools

District	School Name	Square Footage	Acreage	General Classrooms	Capacity	10/2010 Enrollment
Bloomfield	Carmen Arace Middle School	171,552	33.0	49	1,225	286
Hamden	Hamden Middle School	197,506	60.6	50	1,270	906
Manchester	Illing Middle School	137,496	16.0	45	1,708	836
Middleton	Woodrow Wilson Middle School	180,915	17.0	42	1,100	705
Naugatuck	City Hill Middle School	127,000	16.0	52	875	709
Stratford	David Wooster Middle School	116,220	29.0	35	925	543



Option 1 – One Middle School

- Build One New Middle School to Serve Entire Community
- Renovate Cutler and West Side as PreK-5th Schools
- Close Claude Chester, Pleasant Valley and S.B. Butler

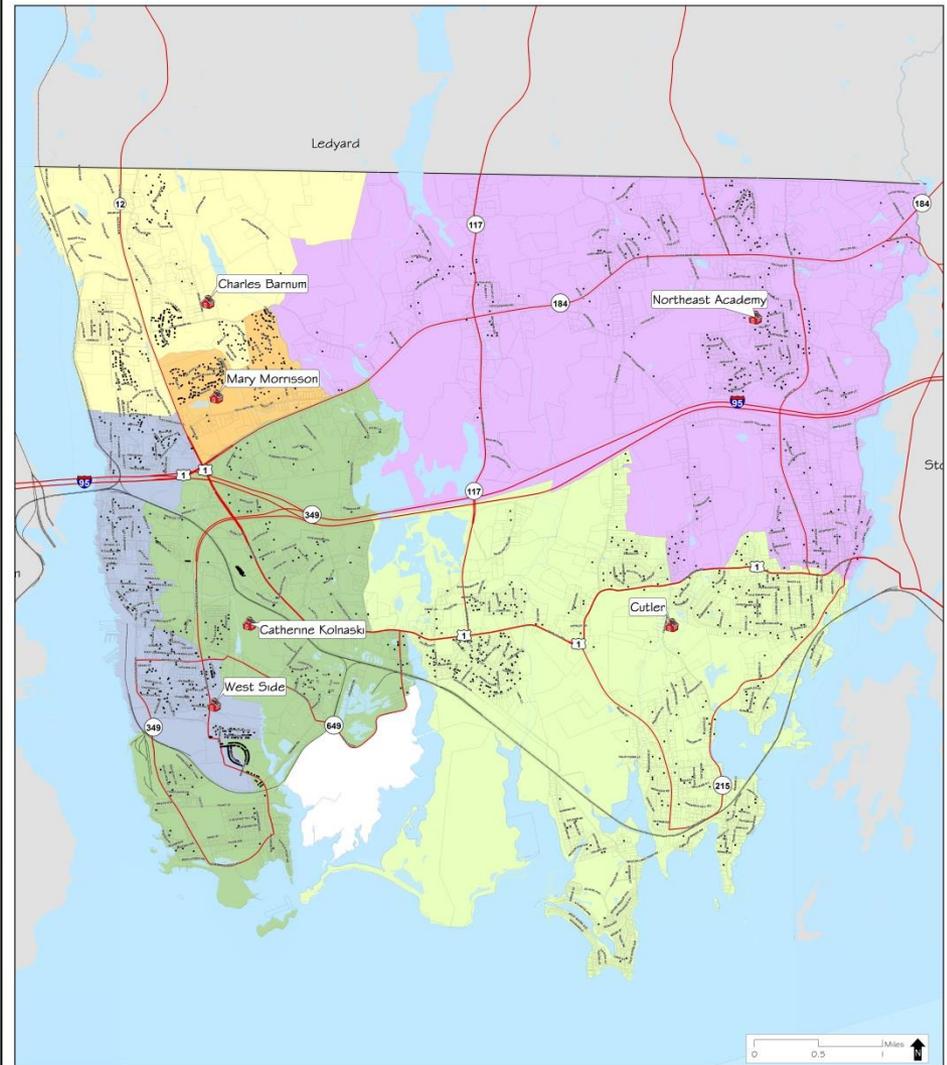


Option 1 – Potential Elementary

Option 1
Potential Elementary Schools and Districts
with 2012-13 K-5th Enrollments

	Total Enrollment	Minority Enrollment	% Minority	Free/Reduced Lunch Enroll	% Free/Reduced Lunch
Catherine Kolnaski	389	240	61.7%	238	61.2%
Charles Barnum	341	114	33.4%	110	32.3%
Cutler	465	164	35.3%	149	32.0%
Mary Morrisson	380	122	32.1%	180	47.4%
Northeast	382	85	22.3%	86	22.5%
West Side	479	293	61.2%	330	68.9%
TOTAL K-5th:	2,436	1,020	41.9%	1,095	45.0%

➤ Load Schools in Accordance with Capacity and to Ensure Racial Balance at New Elementary School Locations



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Option 1
 Potential Elementary School
 Locations and Districts

Potential Elementary Districts

- Catherine Kolnaski
- Mary Morrisson
- Charles Barnum
- North East Academy
- Cutler
- West Side

July 2013

Source:
 *Parents, School District Board, Street, Catherine Kolnaski, Town of Groton, Geographic Information Systems Dept.
 Planning Data: Connecticut Department of Environmental Protection Map & Geographic Information Center (2012)
 The map was developed for use as a planning document. Distortions may not be exact.

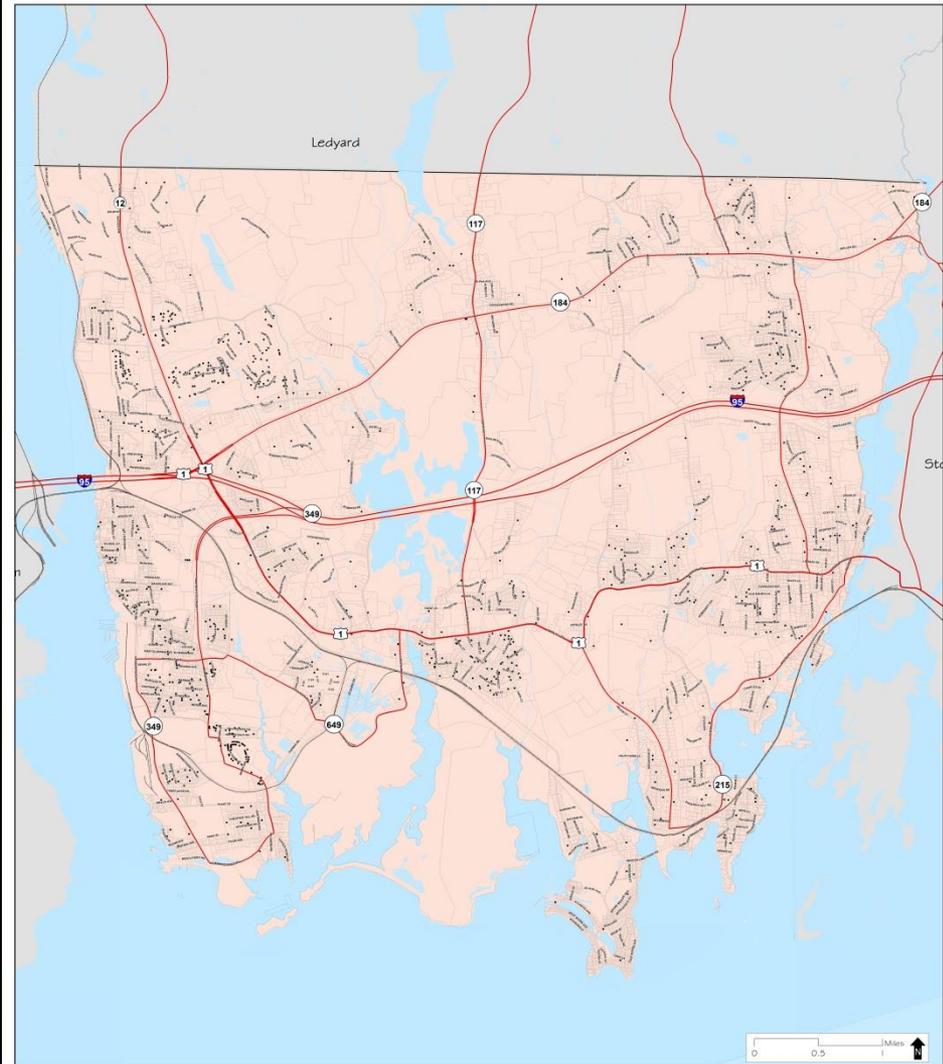


Option 1 – Potential Middle

Option 1
Potential Middle School District
with 2012-13 6th-8th Enrollments

	Total Enrollment	Minority Enrollment	% Minority	Free/Reduced Lunch Enroll	% Free/Reduced Lunch
New Middle School	975	387	39.7%	465	47.7%
TOTAL 6th-8th:	975	387	39.7%	465	47.7%

- Site to Be Determined
- Feeder Splits Eliminated
- Enrollment and Racial Balance Concerns Eliminated



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Potential Middle District

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Option 1
Potential Middle District

New Middle School District

Source:
* Public School District Boundaries, "Best Estimates"
Town of Groton Geographic Information Systems Dept.
Database Date: Connecticut Department of Environmental
Protection Map & Geographic Information Center (2012)
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document. Distortions may not be exact.

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Option 1 – Considerations

- Expenditures to Construct One New 1,000-1,200 Student School and Renovate As New Two 500 Student Schools
- How to Determine Optimal Location for Centralized Middle School
- Geographically Large East Side Elementary School Districts
- Clean Feeder Pattern from Elementary to Middle



Option 2 – Two Middle Schools

- Build a New Middle School at Kolnaski Site
- Renovate Cutler As New Middle School
- Renovate West Side as New PreK-5th
- Build New Elementary School on East Side of Town
- Close Claude Chester and S.B. Butler
- Take Portables Off-Line at Charles Barnum, Mary Morrisson and Pleasant Valley

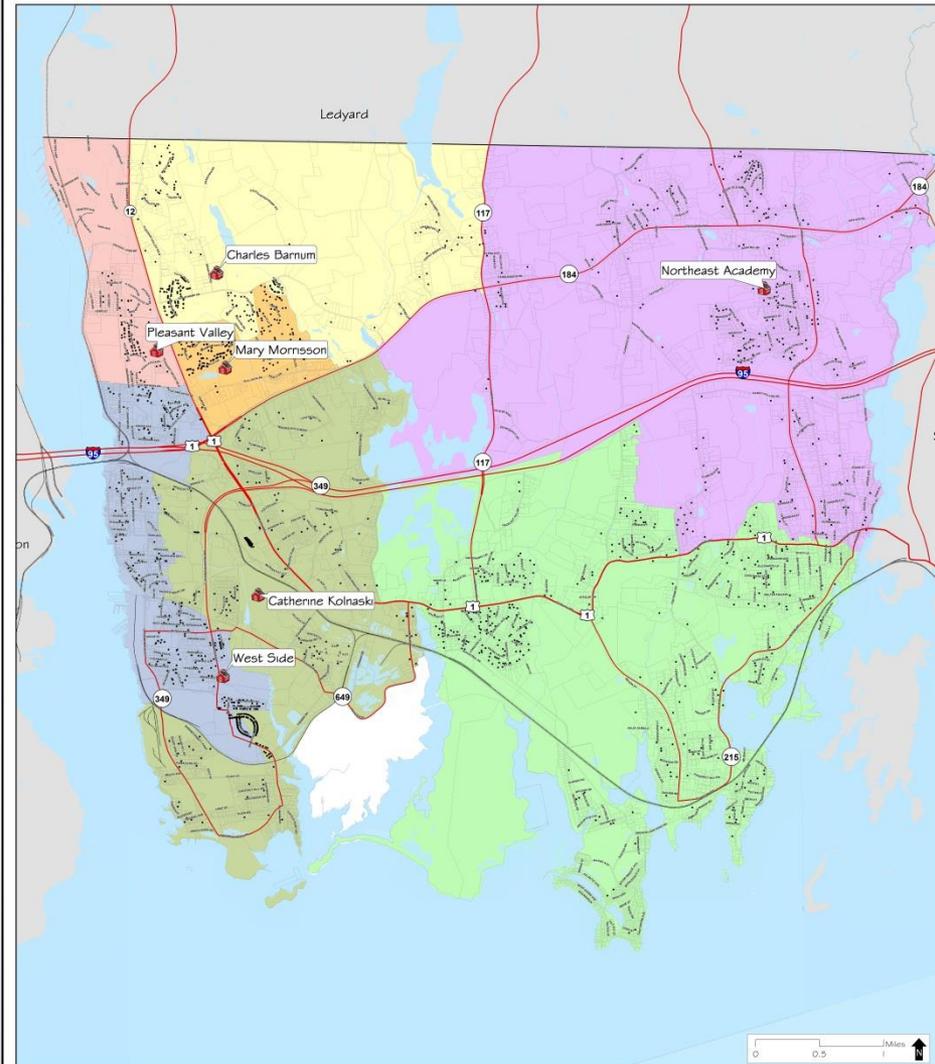


Option 2 – Potential Elementary

Option 2
Potential Elementary Schools and Districts
with 2012-13 K-5 Enrollments

	Total Enrollment	Minority Enrollment	% Minority	Free/Reduced Lunch Enroll	% Free/Reduced Lunch
Catherine Kolnaski	389	240	61.7%	238	61.2%
Charles Barnum	297	104	35.0%	118	39.7%
Mary Morrisson	345	108	31.3%	166	48.1%
New Elementary	465	164	35.3%	149	32.0%
Northeast	343	75	21.9%	75	21.9%
Pleasant Valley	118	34	28.8%	17	14.4%
West Side	479	293	61.2%	330	68.9%
TOTAL K-5	2,436	1,020	41.9%	1,095	45.0%

- Down-Size CB, MM and PV
- Free Space at PV for PreK, Where Population Served is Concentrated
- New East Side Elementary School Location Would Influence New Attendance Zones



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Option 2
Potential Elementary School
Locations and Districts

Potential Elementary School Districts

- Catherine Kolnaski
- Charles Barnum
- Mary Morrisson
- New Elementary
- North East Academy
- Pleasant Valley
- West Side

July 2013

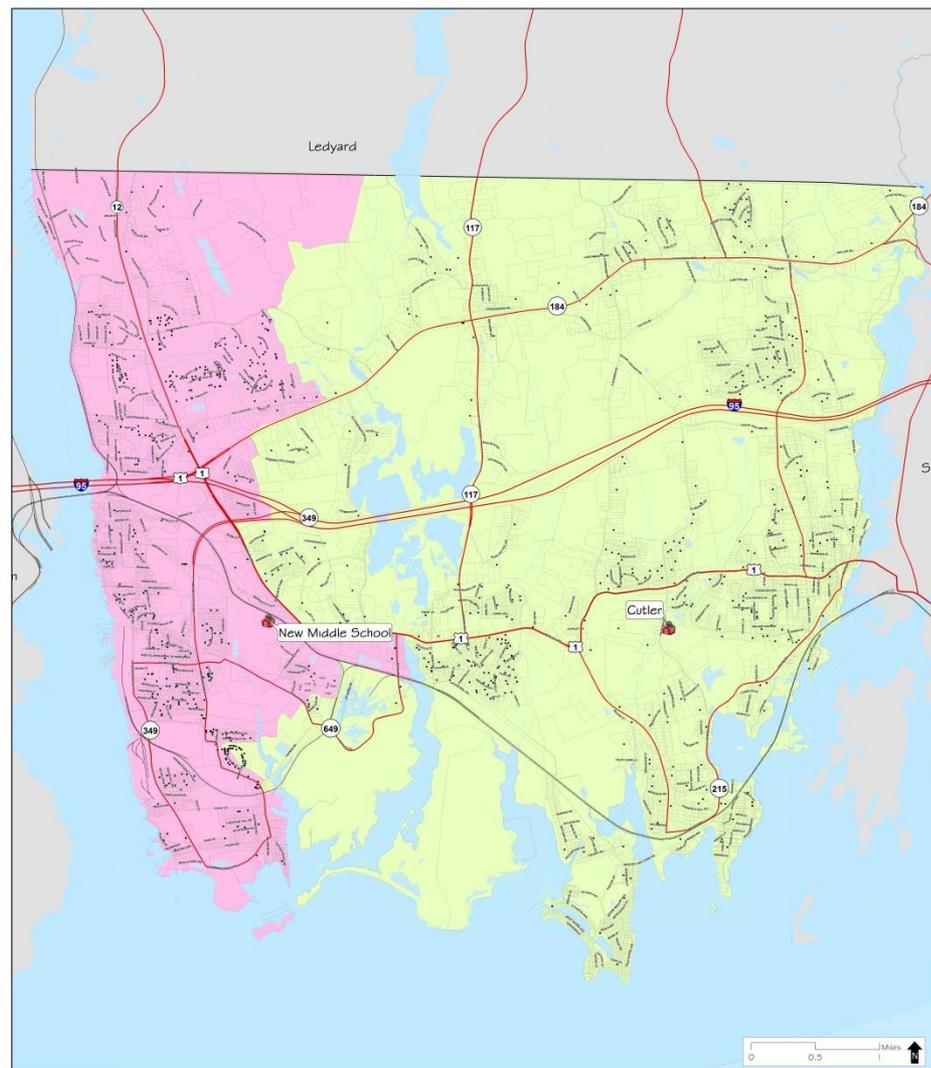
Source:
* Groton School District Board/Board of Education
* State of Connecticut, Information Systems Dept.
* Groton Public Schools Department of Information
Production Map & Geographic Information Center (2013)
The map was developed for use as a planning
document. Distortions may not be exact.

Option 2 – Potential Middle

Option 2
Potential Middle School Districts
with 2012-13 6th - 8th Enrollments

	Total Enrollment	Minority Enrollment	% Minority	Free/Reduced Lunch Enroll	% Free/Reduced Lunch
Cutler	487	159	32.6%	165	33.9%
New Middle School	488	228	46.7%	269	55.1%
TOTAL 6-8:	975	388	39.8%	435	44.6%

- Unlikely to Maintain Direct Feeder Pattern from Elementary to Middle
- 4 Elementary Schools on West Side Vs. 2 on East Side



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Option 2
Potential Middle School
Locations and Districts

Potential Middle School Districts

- Cutler
- New Middle School

July 2013

Source:
*Groton School District Board; **Street Centerline;
Town of Groton Geographic Information Systems Dept.
*Planning Data: Connecticut Department of Environmental
Protection Map & Geographic Information Center (2012)
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document. Distortions may not be exact.



Option 2 – Considerations

- Expenditures to Construct One New 550-600 Student School and Renovate As New Two 500 Student Schools
- Significantly Down-Size Existing Northwestern/ Military Area Schools – Disparities in Elementary Facilities Sizes
- Geographically Large East Side Elementary School Districts
- Not Likely to Achieve Clean Feeder Pattern from Elementary to Middle



Option 3 – Two Middle Schools

- Maintain Cutler and West Side as Middle Schools – Fund Capital Improvements
- Close Claude Chester, Pleasant Valley, and S.B. Butler
- Build Two New 550 to 600 Student Elementary Schools – On East and West Sides



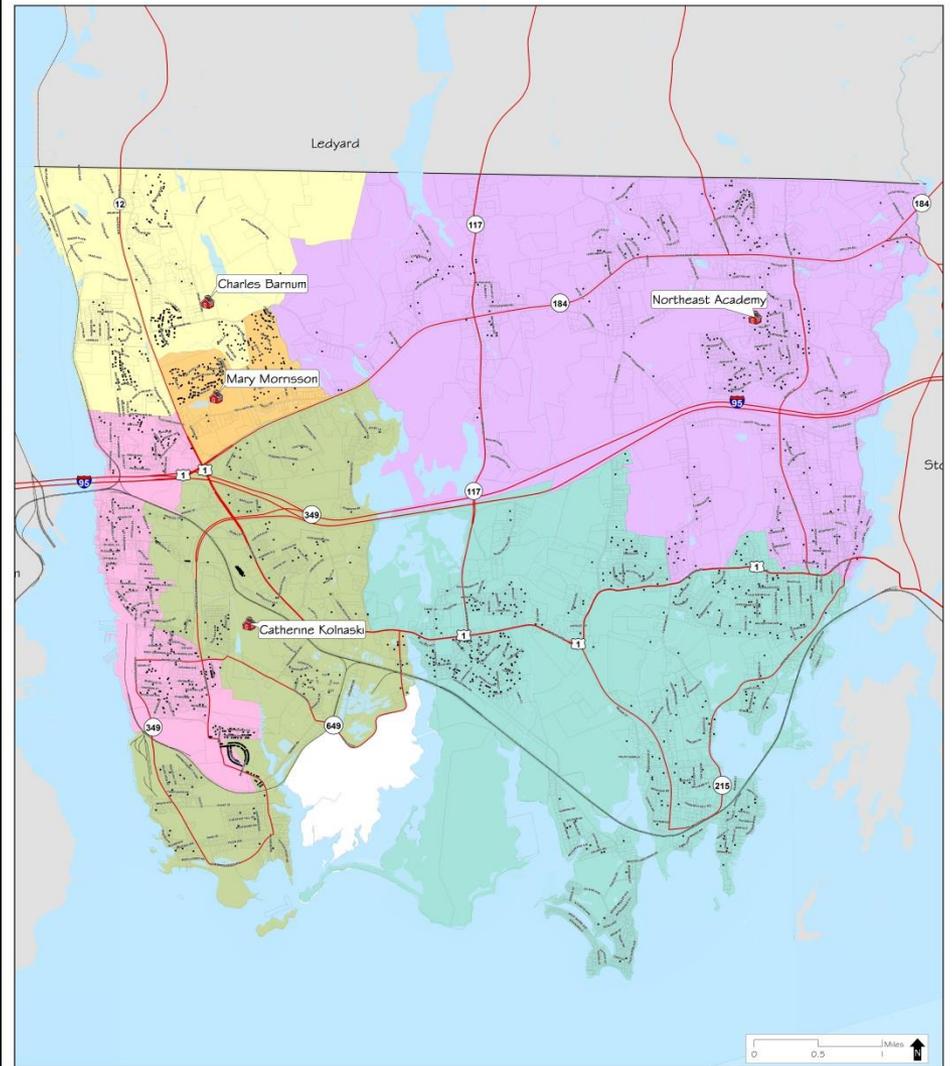
Option 3 – Potential Elementary

Option 3

Potential Elementary Schools and Districts with 2012-13 K-5 Enrollments

	Total Enrollment	Minority Enrollment	% Minority	Free/Reduced Lunch Enroll	% Free/Reduced Lunch
Catherine Kolnaski	352	219	62.2%	221	62.8%
Charles Barnum	328	111	33.8%	123	37.5%
Mary Morrisson	436	138	31.7%	187	42.9%
New Elementary (East)	465	164	35.3%	149	32.0%
New Elementary (West)	487	303	62.2%	329	67.6%
Northeast	368	83	22.6%	84	22.8%
TOTAL K-5	2,436	1,020	41.9%	1,095	45.0%

- Sites for New Elementary Schools Would Influence Potential Boundaries
- Same as Option 1 Shown Here



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Option 3
Potential Elementary School
Locations and Districts

Potential Elementary School Districts

- Catherine Kolnaski
- Charles Barnum
- Mary Morrisson
- New Elementary (East)
- New Elementary (West)
- North East Academy

July 2013

Source:
* Factors: School District Boundaries, Street Centerlines,
Town of Groton Geographic Information Systems Dept.
* Base Map Data: Connecticut Department of Environmental
Protection Map & Geographic Information Center (2011/2)
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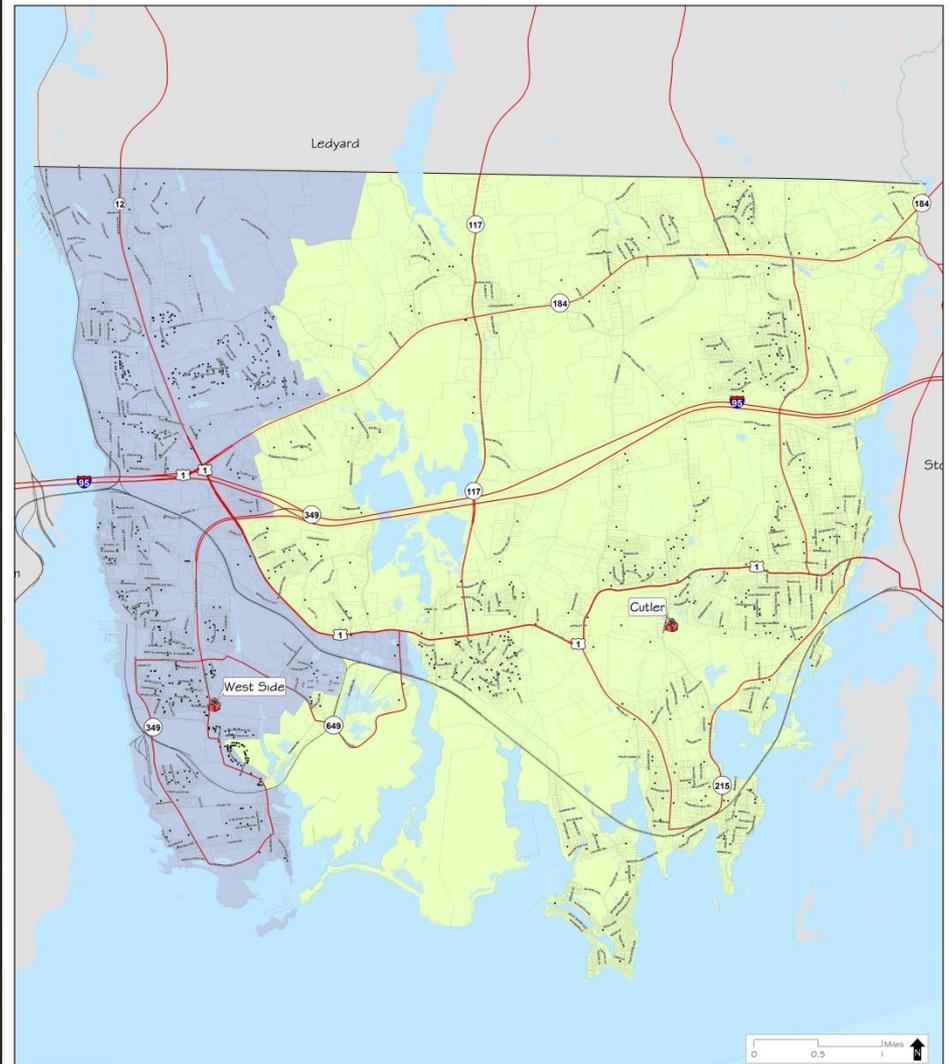


Option 3 – Middle Schools

Option 3
Potential Middle School Districts
with 2012-13 6th - 8th Enrollments

	Total Enrollment	Minority Enrollment	% Minority	Free/Reduced Lunch Enroll	% Free/Reduced Lunch
Cutler	487	159	32.6%	165	33.9%
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TOTAL 6-8:	975	388	39.8%	435	44.6%

➤ Middle School Redistricting May Better Balance Enrollments



Groton Public Schools
School Facilities Initiative Task Force

Potential Middle School Districts

July 2013

Option 3
Potential Middle School
Locations and Districts

Cutler
 West Side

Sources:
 * Potential School District Boundaries: Internal Coordinates
 * Base of Groton Geographic Information System Data
 * Regional Data: Connecticut Department of Transportation
 * Production Map: Geographic Information Center (2012)
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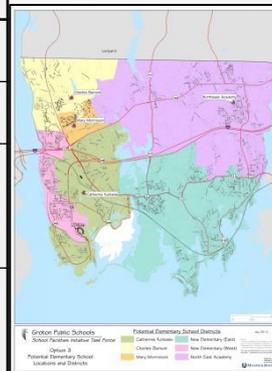
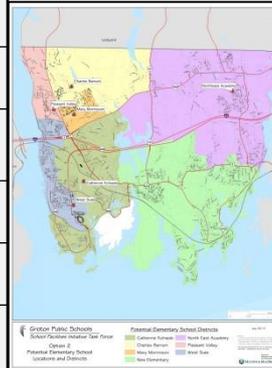
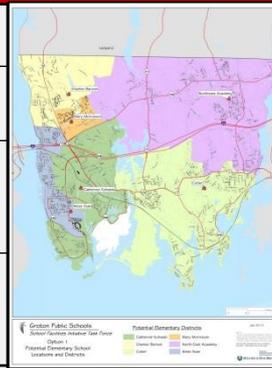
Option 3 – Considerations

- Expenditures to Construct Two New 550-600 Student Schools
- Geographically Large East Side Elementary School Districts
- Not Likely to Achieve Clean Feeder Pattern from Elementary to Middle

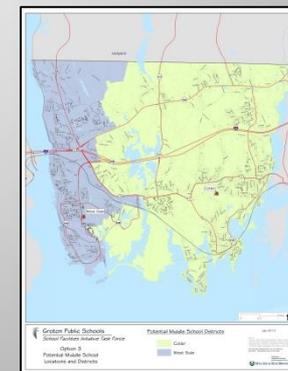
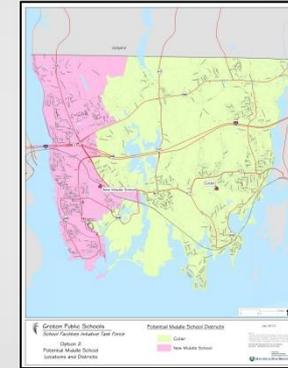
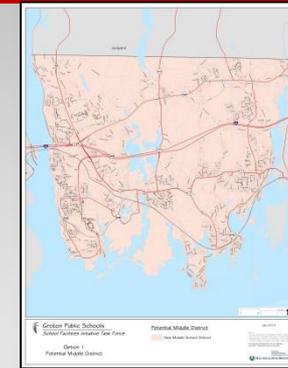


Side by Side Comparison

Option 1: One Middle School	Build One New Middle School
	Renovate Cutler as New East Side PreK-5
	Renovate West Side as New West Side PreK-5
	Close Claude Chester, Pleasant Valley, and S.B. Butler
Option 2: Two Middle Schools	Build One New Middle School at Kolnaski Site
	Build New PreK-5 on East Side
	Renovate Cutler As New Middle School
	Renovate West Side as PreK-5
	Close Claude Chester and S.B. Butler
	Close Portables at Charles Barnum, Mary Morrison, and Pleasant Valley
Option 3: Two Middle Schools	Build New PreK-5 on East Side
	Build New PreK-5 On West Sides
	Maintain Cutler and West Side as Middle Schools - Fund Capital Improvements
	Close Claude Chester, Pleasant Valley, and S.B. Butler



Potential Elementary Boundaries



Potential Middle Boundaries



Discussion