



Elementary Redistricting



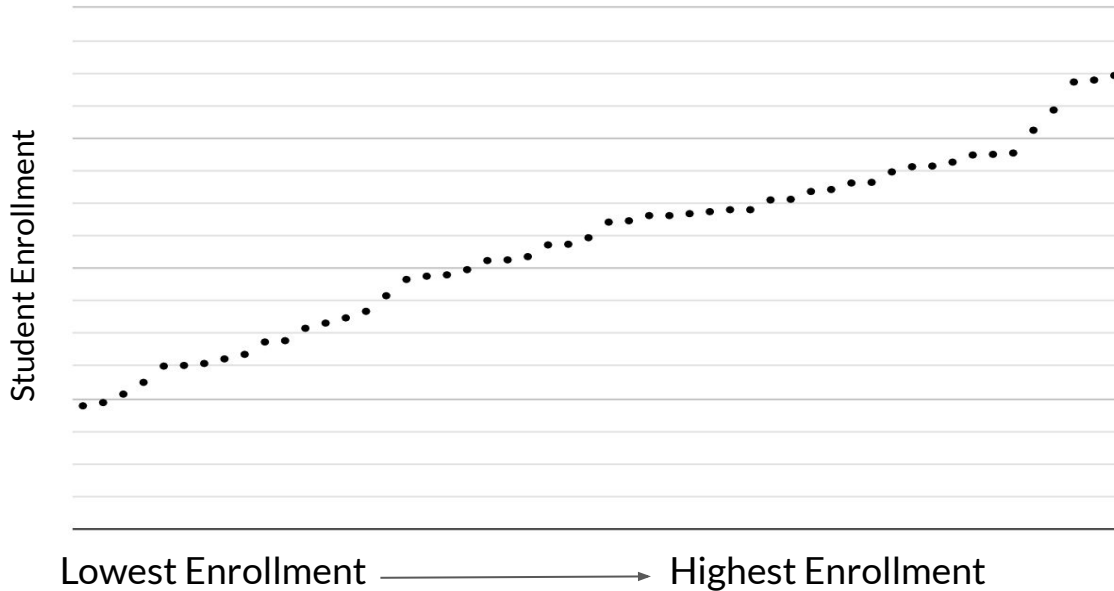
Building Project Feasibility Study Update

- School Building Committee has narrowed list to seven options
- Options being evaluated to determine a preferred option in June
- Final solution may involve consolidation of either the Hanlon and Deerfield Schools; or the Hanlon and Sheehan Schools
- Redistricting Consultant (Cropper GIS) reviewed the existing district boundaries to examine impact of two potential consolidations



Elementary Schools by Size

Elementary School Sizes



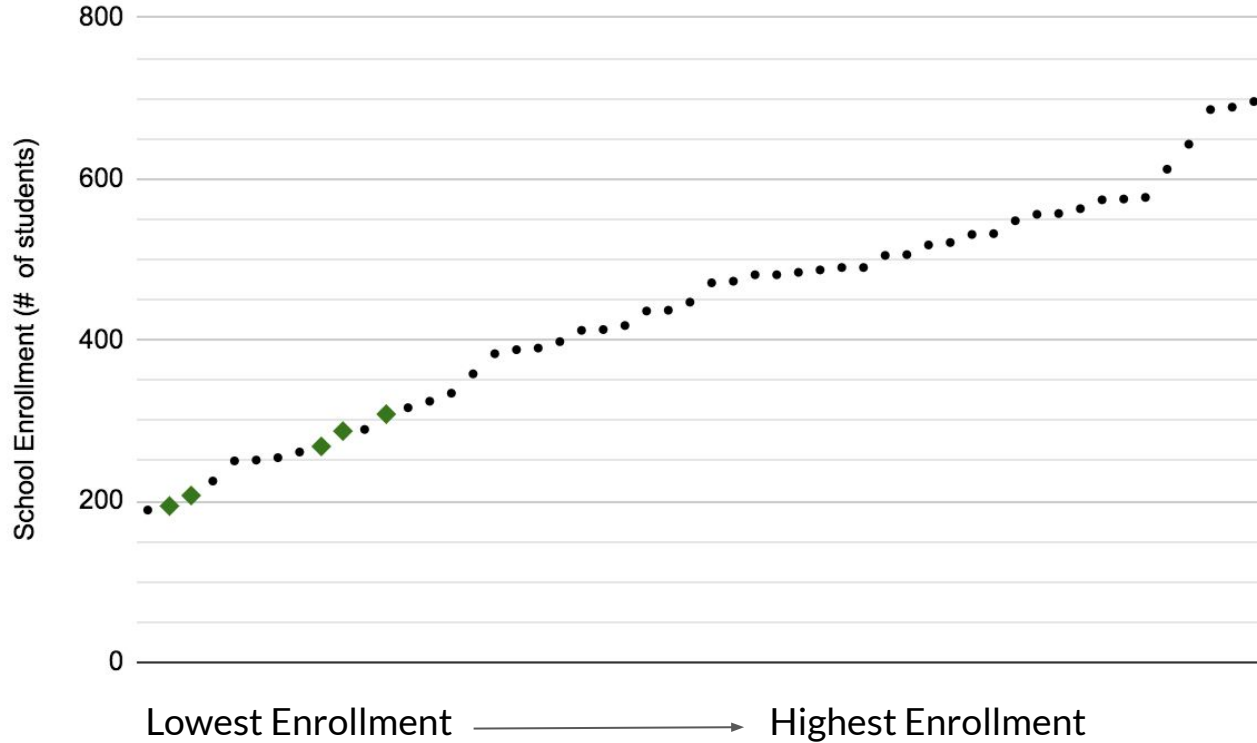
Where would you guess the 5 points representing Westwood's elementary schools fall on this chart?

Districts Included:

- Bedford
- Canton
- Concord
- Dedham
- Dover
- Holliston
- Hopkinton
- Lexington
- Medfield
- Millis
- Needham
- Norwood
- Sharon
- Sherborn
- Wayland
- Westwood



Elementary School Sizes

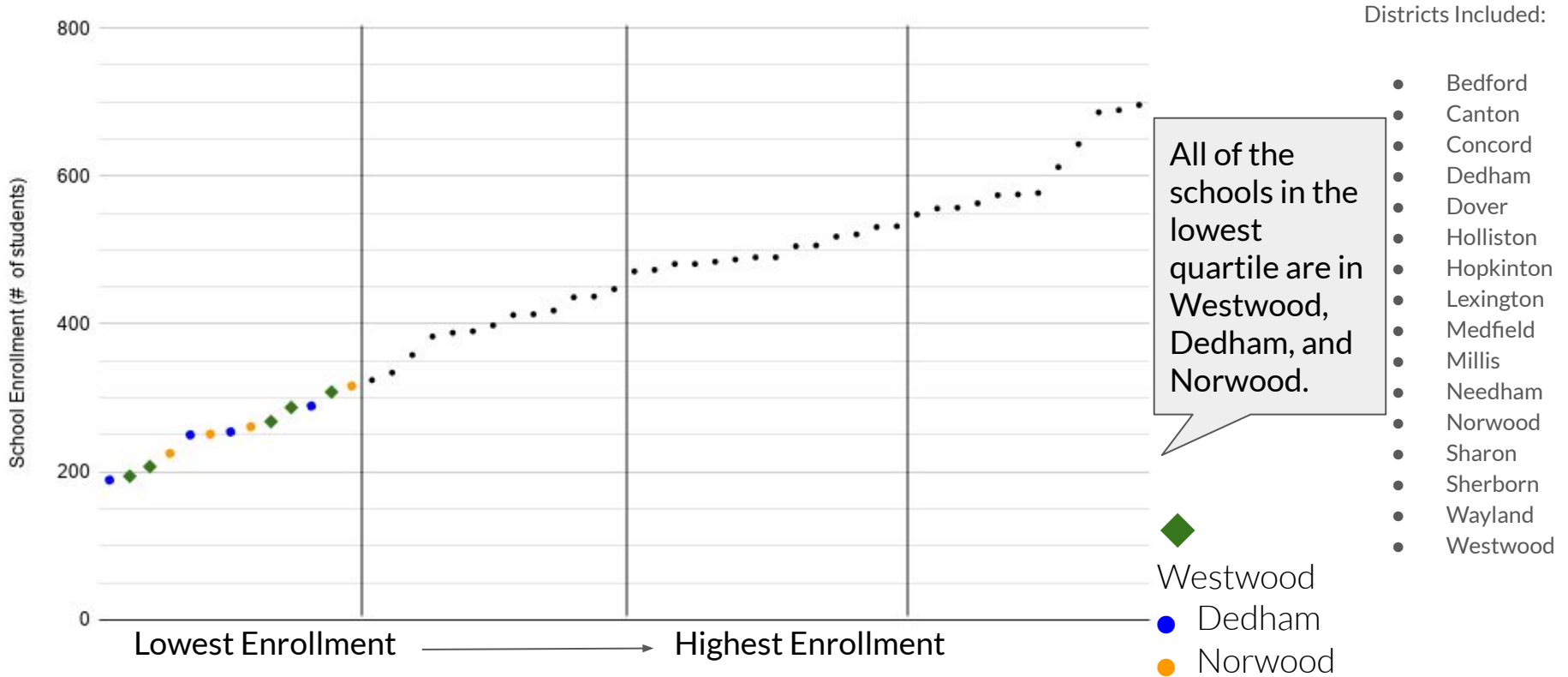


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Elementary School Sizes



Deerfield

	<i>Students</i>	<i>Option 1</i>	<i>Option 2</i>
Kindergarten	25	K: 17 K/1: 16 1: 19	K: 17 K/1: 16 1: 19
Grade 1	27		
Grade 2	25	25*	25*
Grade 3	27	27*	13, 14
Grade 4	33	16, 17	16, 17
Grade 5	41	20, 21	20, 21
		*9 sections (+2 IAs)	*10 sections (+1 IA)

Hanlon

	<i>Students</i>	<i>Option 1</i>	<i>Option 2</i>
Kindergarten	34	17, 17	K: 22 K/1: 22 1: 20
Grade 1	30		
Grade 2	46	23, 23	15, 15, 16
Grade 3	45	22, 23	22, 23
Grade 4	32	16, 16	16, 16
Grade 5	34	17, 17	17, 17
		12 sections	12 sections



Deerfield/Hanlon

	<i>Students</i>	
Kindergarten	59	20, 20, 19
Grade 1	57	19, 19, 19
Grade 2	71	17, 18, 18, 18
Grade 3	71	17, 18, 18, 18
Grade 4	64	21, 21, 22
Grade 5	75	18, 19, 19, 19
	397	21 sections



Sheehan

	<i>Students</i>	
Kindergarten	46	15, 15, 16
Grade 1	40	20, 20
Grade 2	57	19, 19, 19
Grade 3	41	20, 21
Grade 4	46	15, 15, 16
Grade 5	56	18, 19, 19
	286	16 sections

Hanlon

	<i>Students</i>	<i>Option 1</i>	<i>Option 2</i>
Kindergarten	34	17, 17	K: 22 K/1: 22
Grade 1	30	15, 15	1: 20
Grade 2	46	23, 23	15, 15, 16
Grade 3	45	22, 23	22, 23
Grade 4	32	16, 16	16, 16
Grade 5	34	17, 17	17, 17
	221	12 sections	12 sections



Sheehan/Hanlon

	<i>Students</i>	<i>Option 1</i>	<i>Option 2</i>
Kindergarten	80	16, 16, 16, 16, 16	20, 20, 20, 20
Grade 1	70	17, 17, 18, 18	17, 17, 18, 18
Grade 2	103	20, 20, 21, 21, 21	20, 20, 21, 21, 21
Grade 3	86	17, 17, 17, 17, 18	21, 21, 22, 22
Grade 4	78	19, 19, 20, 20	19, 19, 20, 20
Grade 5	90	18, 18, 18, 18, 18	22, 22, 23, 23
	507	28 sections	25 sections



Other staffing impacts?

- Reduces need for part-time staff or sharing staff across buildings, allowing for more flexibility and efficiency in scheduling.
 - Ex., Currently, one art teacher travels between Hanlon and Deerfield.
- Maybe some reduction in staffing levels of specialists and other service providers...though staffing is largely a function of the student:staff ratios, so reductions would probably be modest.



Operating Budget Impacts

Consolidation of two schools would have a positive, long-term impact on the non-salary operating budget, specifically in two areas:

- We will get more for our utility dollars. Our oldest buildings are inefficient from a water and energy standpoint. A consolidation takes two buildings quickly offline, reducing waste and improving comfort.
- Maintaining 4 buildings vs. 5 buildings is expected to be less costly in the area of service and maintenance plans (e.g., fewer HVAC systems).

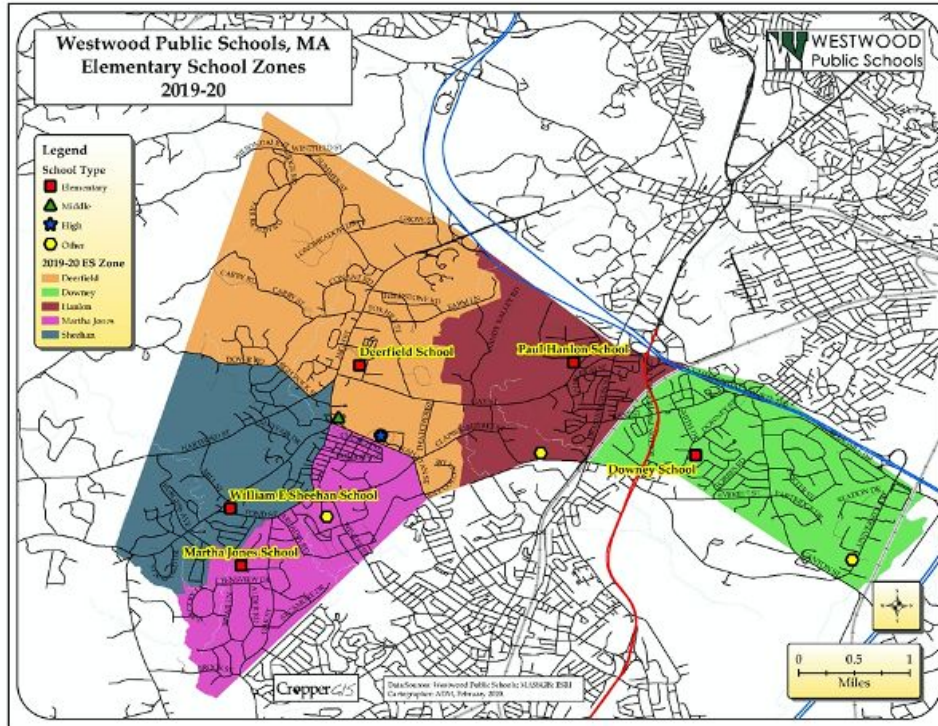


Capital Budget Impacts

- Consolidation of two schools leads to immediate and significant cost avoidance because the maintenance on our oldest buildings will be expensive in the coming years
- Examples of projects within the next year at Deerfield and Sheehan
 - \$35K boiler replacement
 - \$12K in doors and fence repair
- Examples of projects within the next 5-7 years at Deerfield and Sheehan
 - HVAC replacements or repairs; exceeding \$400K
 - Electrical panel, \$100K
 - Cafeteria floor, \$30K
 - Roof work (in stages), \$200-\$550K in each stage



Current Elementary School Zones

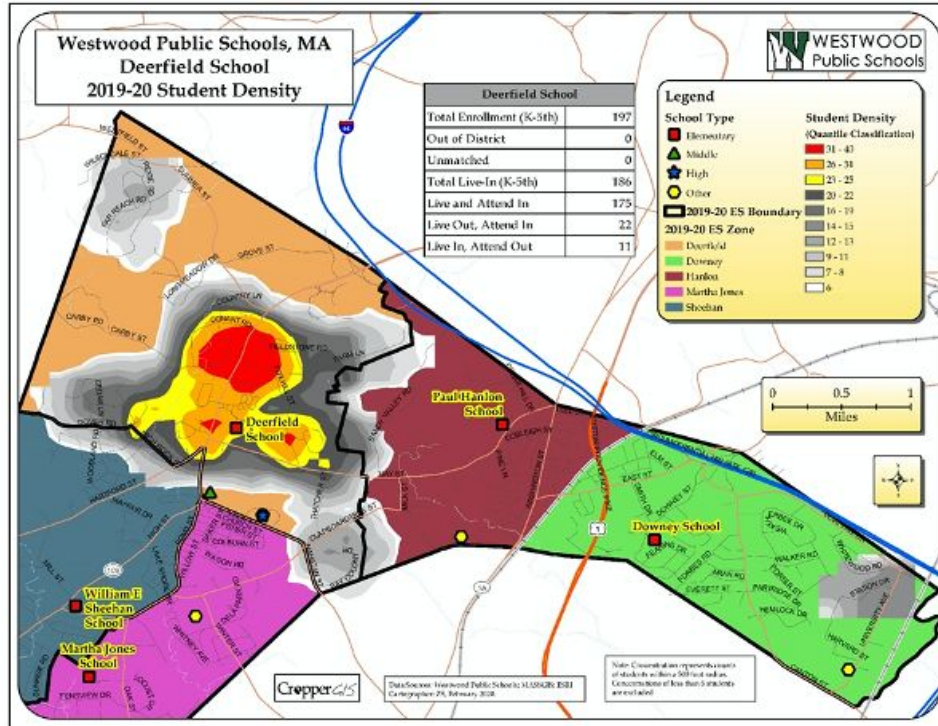


Cropper GIS was tasked with:

- How best to to redistrict for a Hanlon-Deerfield consolidation?
- How best to redistrict for a Hanlon-Sheehan consolidation at Hanlon?
- How best to redistrict for a Hanlon-Sheehan consolidation at Sheehan?



Density Map (Deerfield as example)



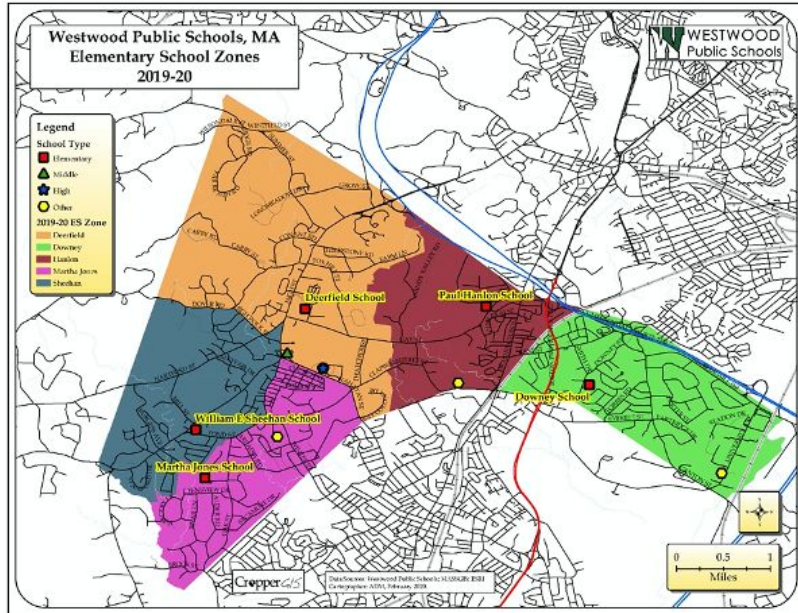
Factors that Cropper GIS examined include:

- Enrollment projections
- Student population densities in each district
- Length of bus rides
- Traffic patterns
- Walking opportunities
- Location of schools within districts
- Neighborhoods
- Real estate projections, including housing turnover

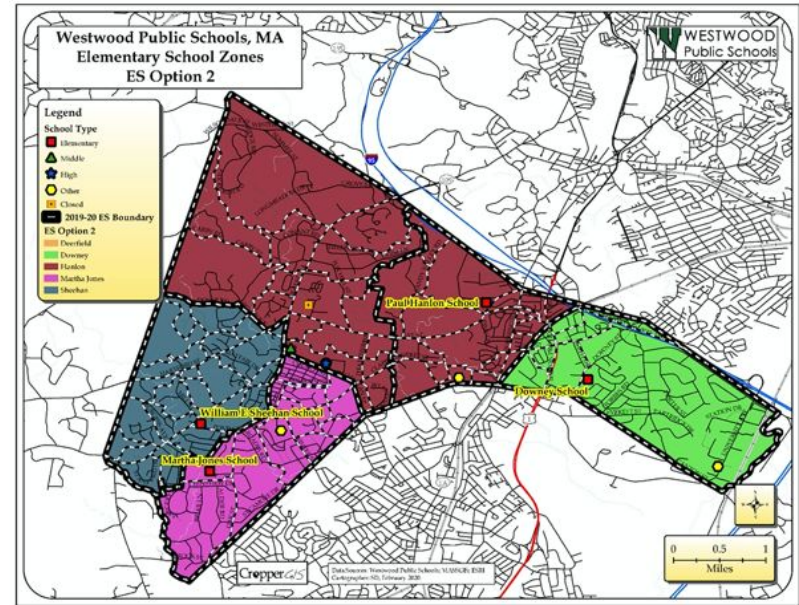


Consolidate Hanlon and Deerfield with 560 students on Hanlon site

Existing District Map

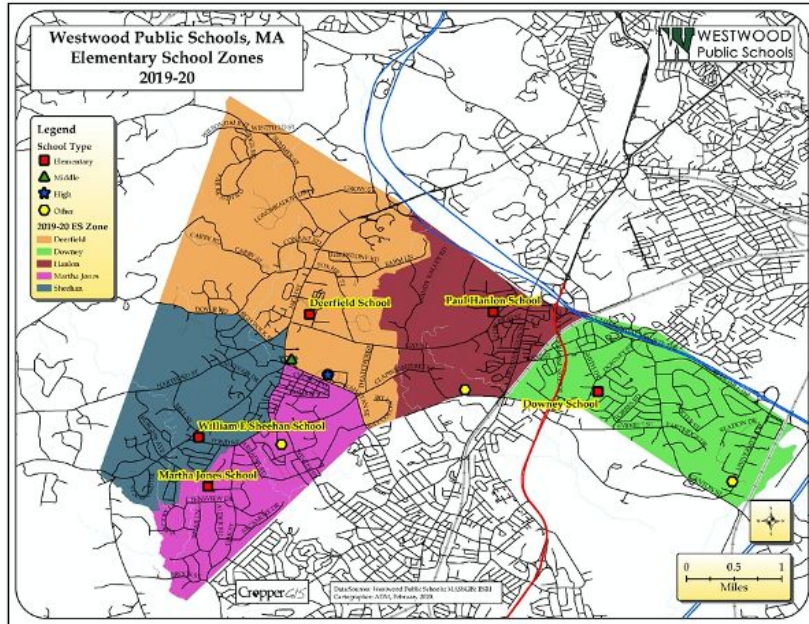


Proposed District Map

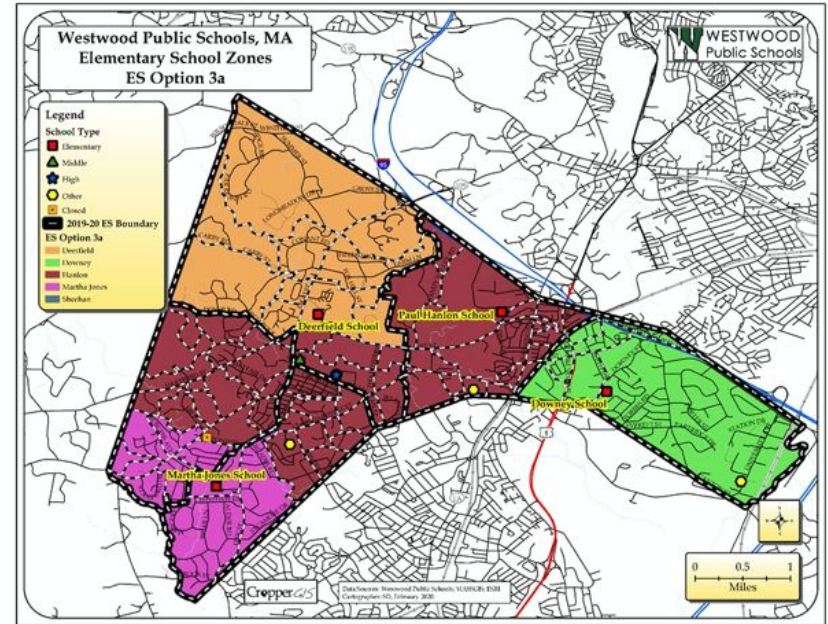


Consolidate Hanlon and Sheehan with 685 students on Hanlon site

Existing District Map

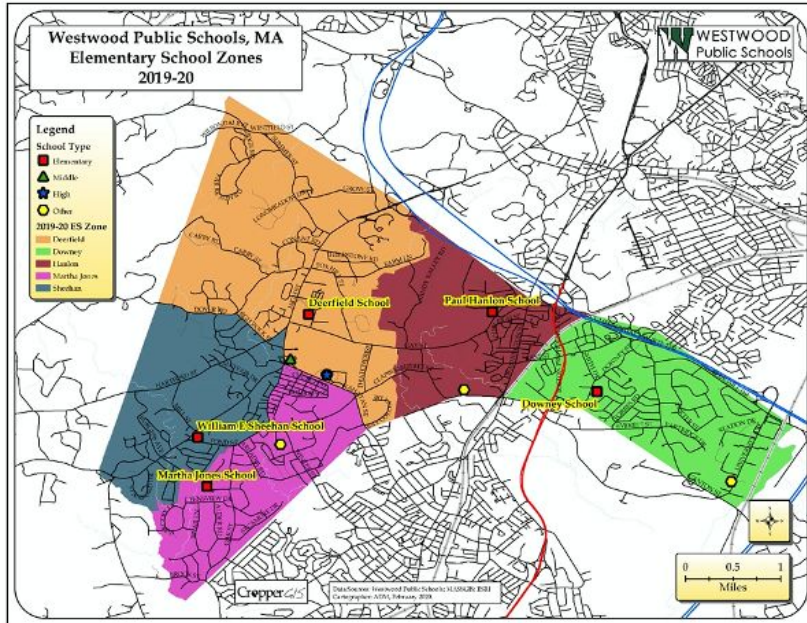


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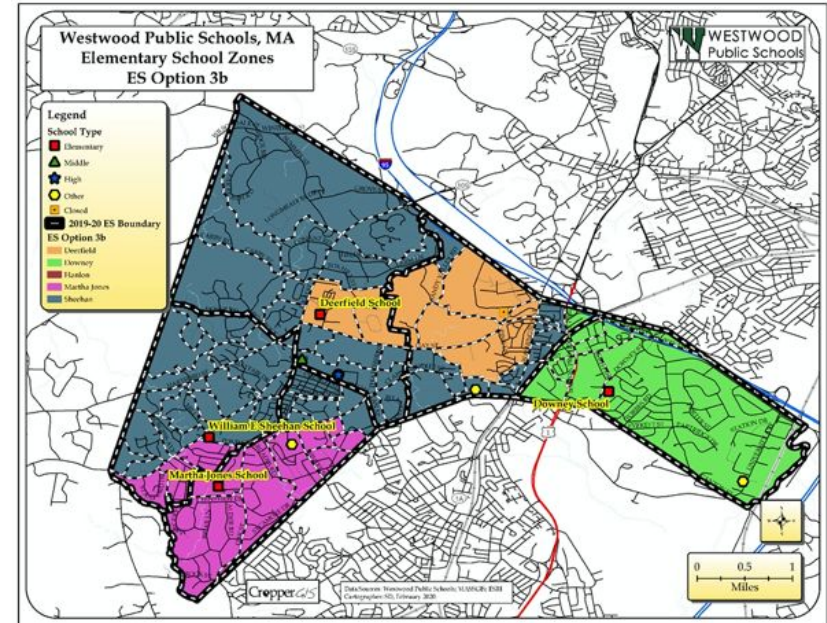


Consolidate Hanlon and Sheehan with 685 students on Sheehan site (Option 1)

Existing District Map

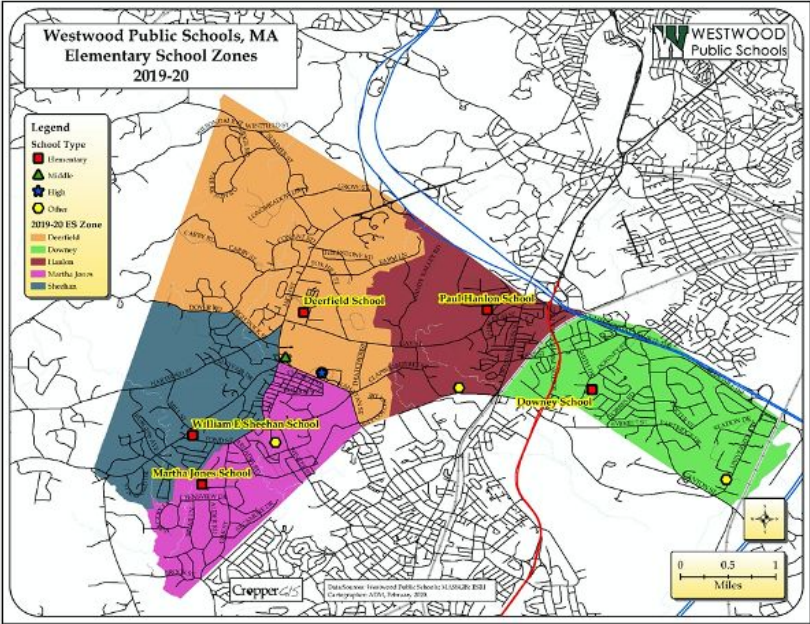


Proposed District Map

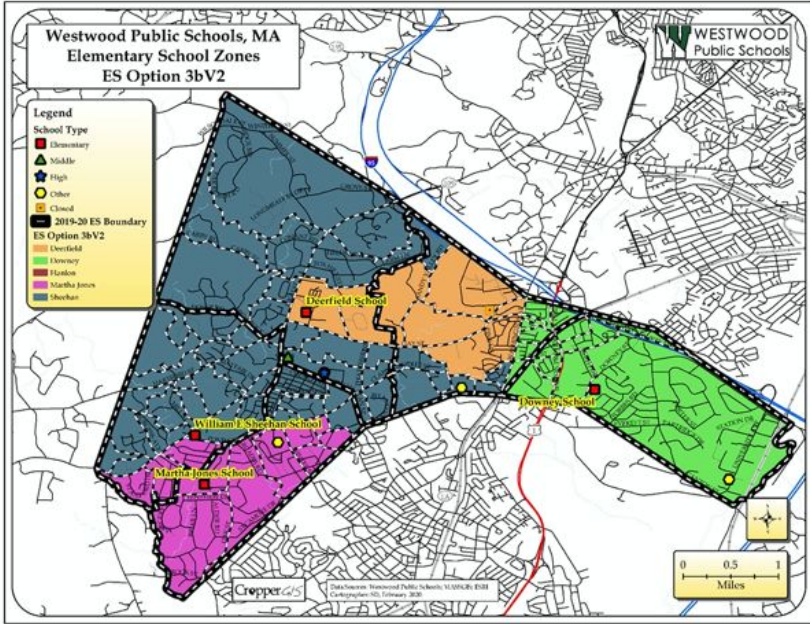


Consolidate Hanlon and Sheehan with 685 students on Sheehan site (Option 2)

Existing District Map



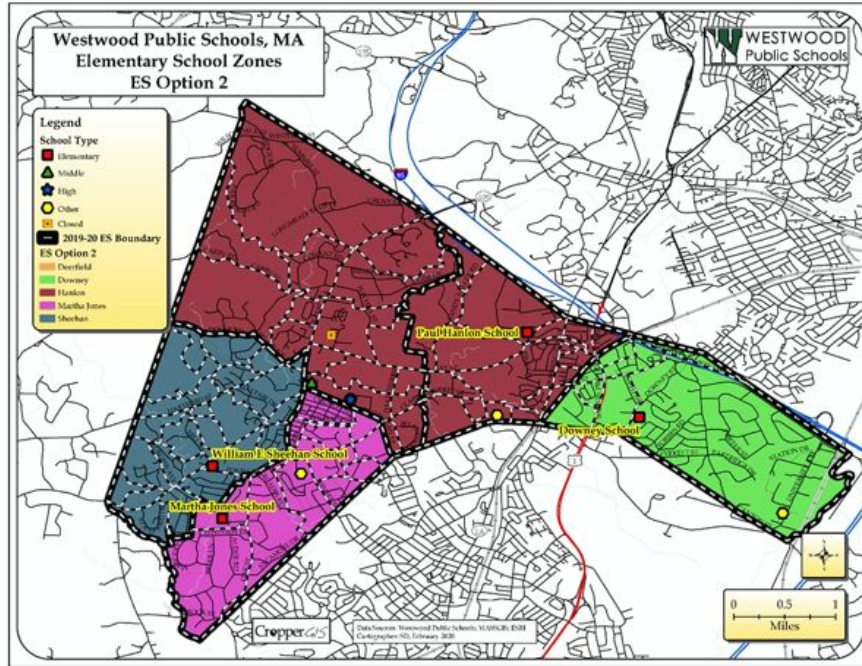
Proposed District Map



Consultant's Recommended Option



Consultant's Recommendation: Deerfield & Hanlon at Hanlon site for 560 students



Recommended option:

- Impacts smallest number of students/families
- Least impact to current traffic patterns
- Resulting elementary school district boundaries are reasonable for:
 - Student population density (where students are concentrated throughout)
 - Geographic layout (using major roads/physical landmarks to set boundaries)
- Greatest potential for student walkers across the district
- Maintains existing neighborhoods
- Creates favorable utilization across schools



Next Steps

- May 29: School Building Committee meets to review 7 short-list options with cost
- June 2: Community Forum to review options with cost
- June 11: School Committee meets to vote enrollment/redistricting
- June 12: School Building Committee meets to decide on sustainability options
- June 19: School Building Committee meets to determine and vote on preferred solution



Questions? Comments?

