

Wellesley School Redistricting School Committee Presentation

February 11, 2020

Updated, February 12, 2020



Timeline

- Work of Superintendent's Redistricting Advisory Committee (December 2019 - February 2020)
- Draft maps posted to WPS website (January 17th)
- Presentation to School Committee (January 21st)
- Public Forums (Wellesley Middle School)
 - January 22nd
 - January 28th
- Survey / Community Input (January 23rd - January 30th)
- Recommended Maps and Presentation posted to WPS website (February 7th)
- School Committee Public Hearing (February 11th)
- School Committee Vote (February 25th)



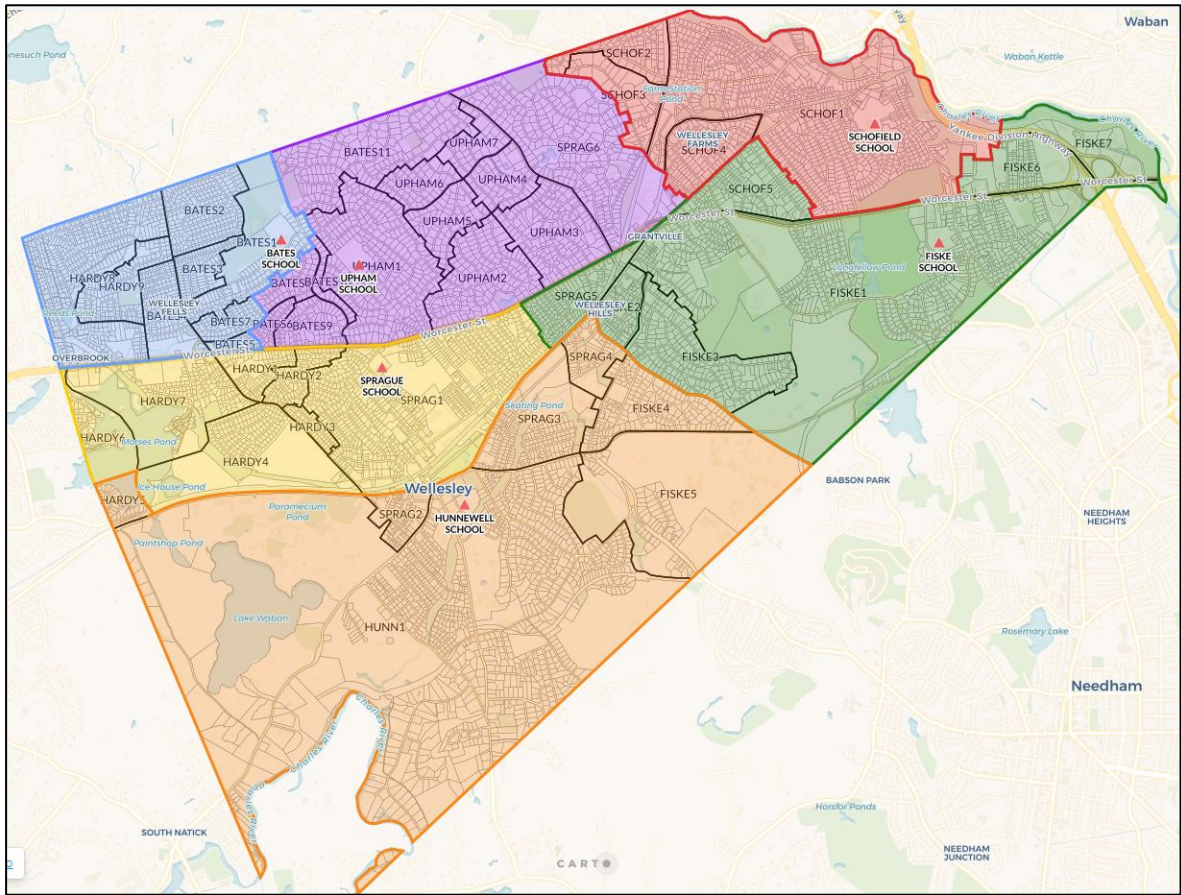
Community Feedback

- Community feedback sources: forums, survey, e-mails
- Issues raised:
 - Overall HHU concerns: school closure, redistricting timeline
 - Safety: Route 9 crossings, availability of sidewalks, specific intersections, etc.
 - Proximity to schools/walkability
 - Specific neighborhood assignments (i.e. Schofield 5, Hardy 2, Bates 2, etc.)
 - Redistricting implementation plan



Upham Options

Upham Map 1

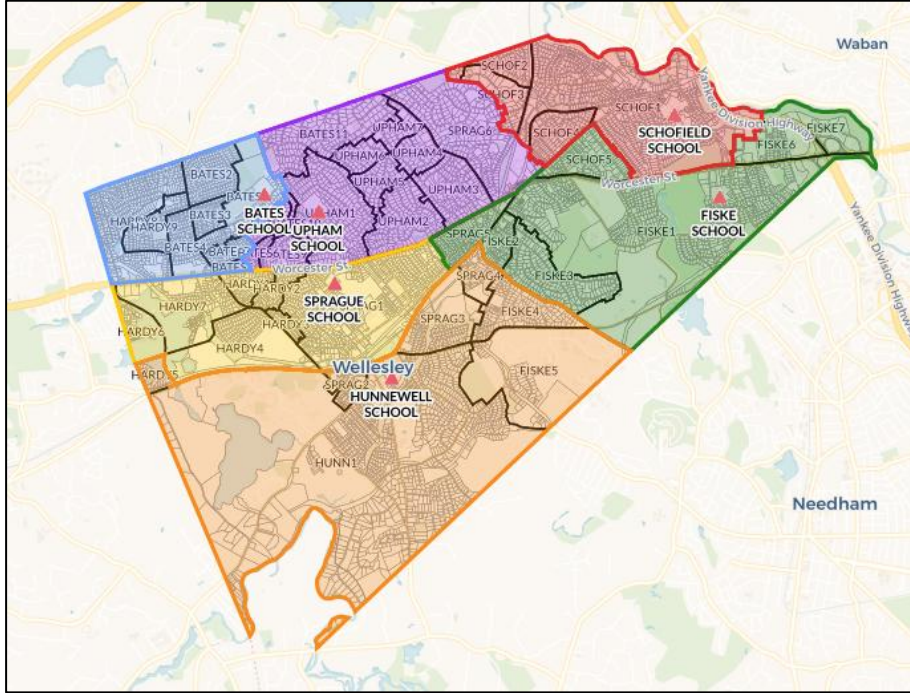


- Largely avoids district lines crossing Route 9 - Sprague and Hardy components north of Route 9 move to Upham and Bates and Hardy components south of Rte 9 to Sprague
- Moves Schofield and Sprague components to Fiske to relieve those schools while increasing utilization at Fiske
- Components from Fiske, Sprague and Hardy move to Hunnewell
- Up to 7% enrollment differences between all schools

District	School Capacity (Planned)	Target Enrollment (85%)	Projected Enrollment	% Projected Enrollment Capacity
Bates	414	352	331	80%
Fiske	414	352	312	75%
Hunnewell	414	352	328	79%
Schofield	414	352	327	79%
Sprague	414	352	334	81%
Upham	414	352	339	82%

Upham Map 1

Residential Properties in Assigned District Under, 0.5, 1, and 2 miles from School

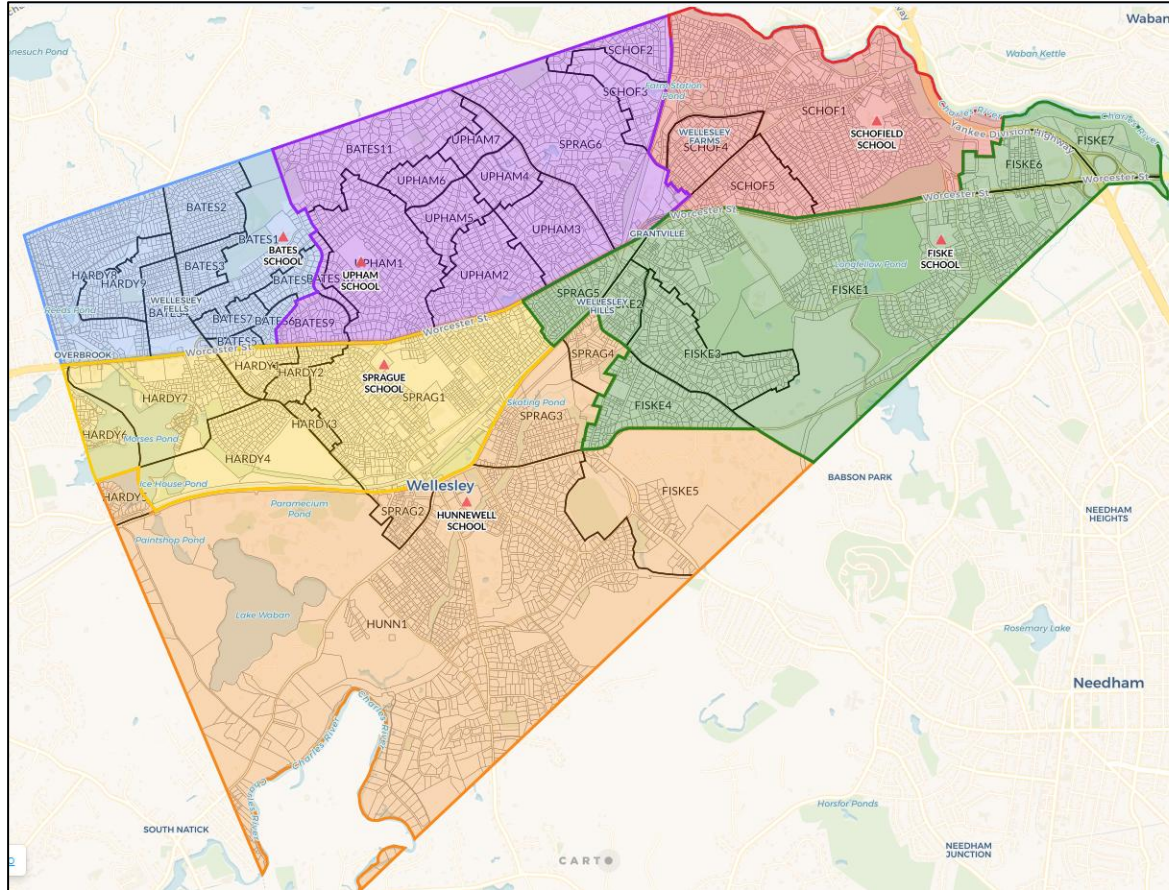


	% Under 1/2 Mile		% Under 1 Mile		% Under 2 Miles	
District	Map 1	Current Map	Map 1	Current Map	Map 1	Current Map
Bates	11%	22%	51%	79%	100%	100%
Fiske	20%	21%	31%	32%	64%	61%
Hunnewell	13%	14%	64%	72%	98%	97%
Schofield	30%	26%	75%	76%	100%	100%
Sprague	20%	15%	69%	39%	96%	82%
Upham	12%	22%	55%	76%	99%	100%

Travel distances calculated with Caliper's Maptitude software, using the 2018 HERE Map Street Contents File, and based on all residential properties, not student locations.

For example: in Map 2, 20% of residential properties in Fiske are under 1/2 mile.

Upham Map 2

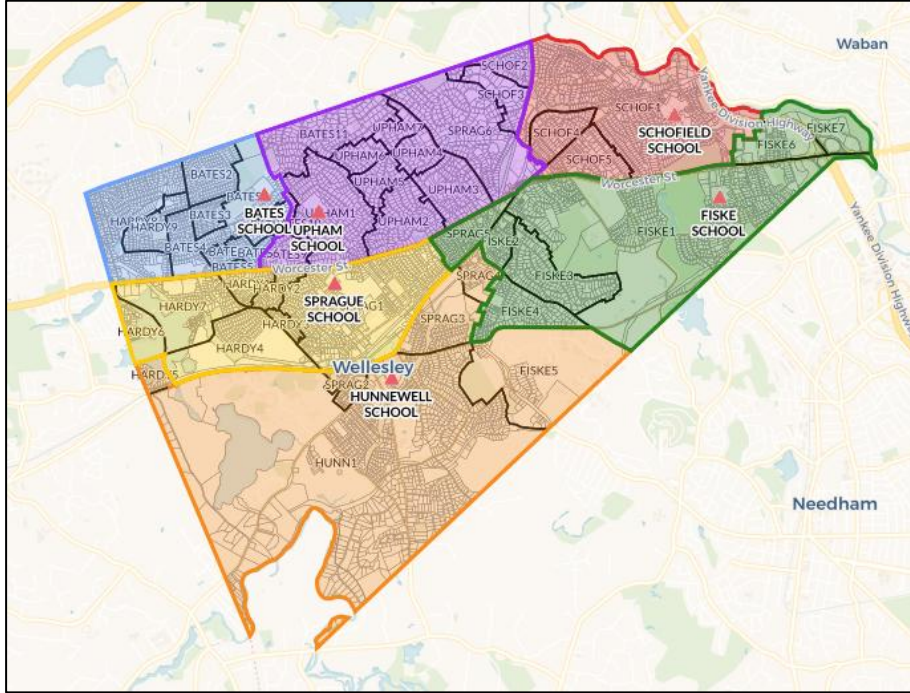


- Compared to Map 1, this option moves the Bates/Upham boundary to the east keeping areas close to Bates in Bates
- This results in a counterclockwise domino effect moving the Upham boundary to the east, the Schofield boundary to the south, and the Fiske boundary to the west.
- Up to 14% enrollment difference between all schools

District	School Capacity (Planned)	Target Enrollment (85%)	Projected Enrollment	% Projected Enrollment Capacity
Bates	414	352	359	87%
Fiske	414	352	306	74%
Hunnewell	414	352	301	73%
Schofield	414	352	333	80%
Sprague	414	352	334	81%
Upham	414	352	338	82%

Upham Map 2

Residential Properties in Assigned District Under, 0.5, 1, and 2 miles from School



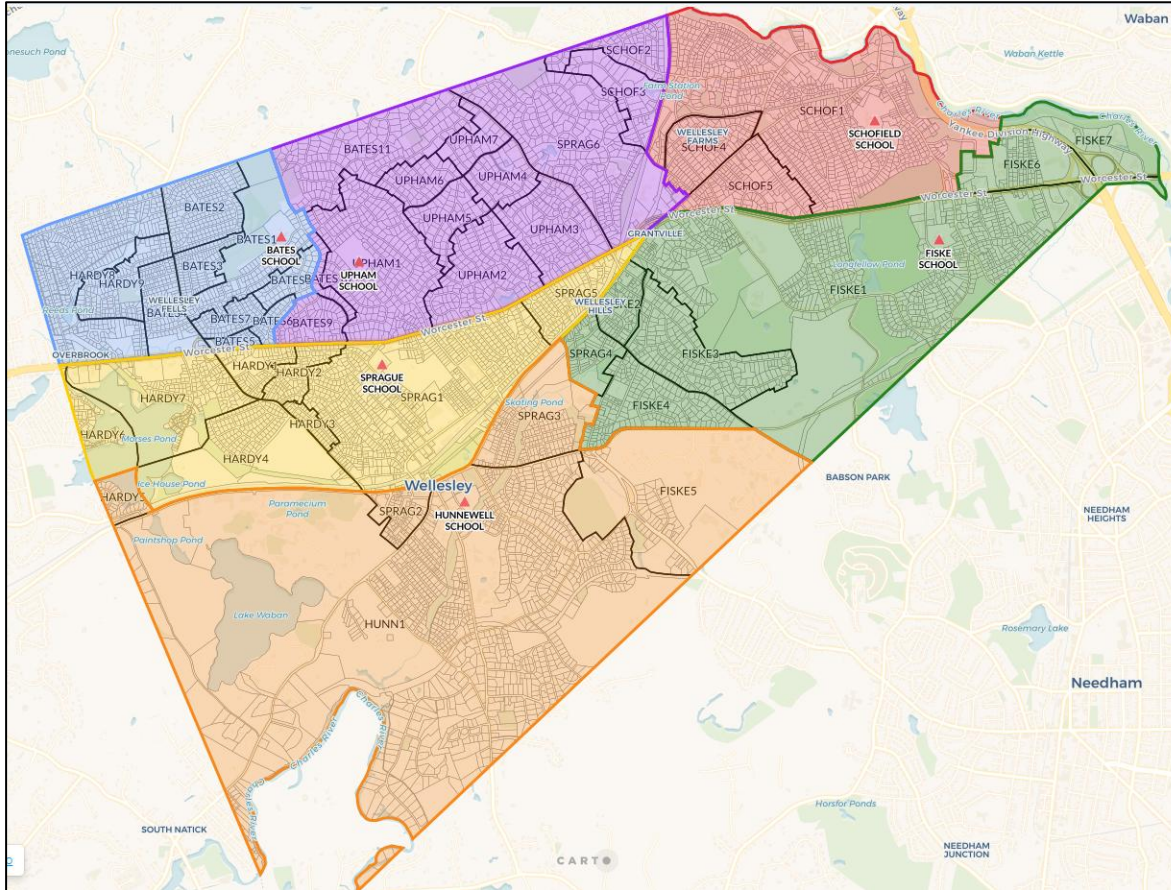
	% Under 1/2 Mile		% Under 1 Mile		% Under 2 Miles	
District	Map 2	Current Map	Map 2	Current Map	Map 2	Current Map
Bates	15%	22%	54%	79%	100%	100%
Fiske	20%	21%	30%	32%	58%	61%
Hunnewell	14%	14%	70%	72%	98%	97%
Schofield	29%	26%	84%	76%	100%	100%
Sprague	20%	15%	69%	39%	96%	82%
Upham	12%	22%	50%	76%	93%	100%

Travel distances calculated with Caliper's Maptitude software, using the 2018 HERE Map Street Contents File, and based on all residential properties, not student locations.

For example: in Map 2, 20% of residential properties in Fiske are under 1/2 mile.

Recommended Option: Upham Map 3

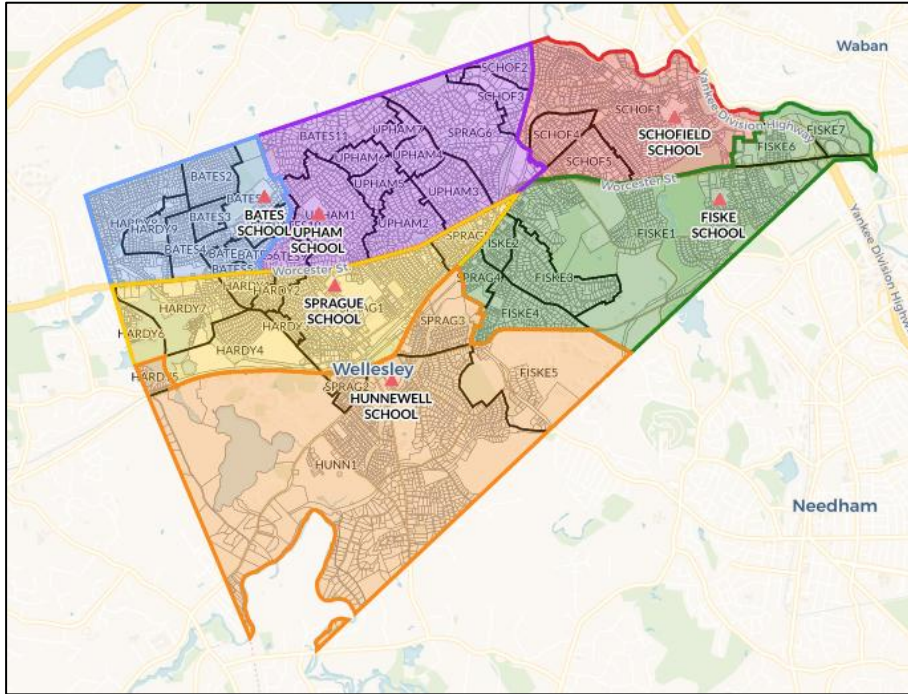
- Addresses community feedback
 - SCHOF 5 remains in Schofield
 - SPRAG 5 remains in Sprague
 - SPRAG 4 moves to Fiske
- While responsive to the feedback, the equalization of enrollment capacities are impacted
 - Up to 18% enrollment difference between all schools
- Discussion about Schofield 2 and 3



District	School Capacity (Planned)	Target Enrollment (85%)	Projected Enrollment	% Projected Enrollment Capacity
Bates	414	352	359	87%
Fiske	414	352	288	70%
Hunnewell	414	352	289	70%
Schofield	414	352	333	80%
Sprague	414	352	364	88%
Upham	414	352	338	82%

Recommended Option: Upham Map 3

Residential Properties in Assigned District
Under, 0.5, 1, and 2 miles from School



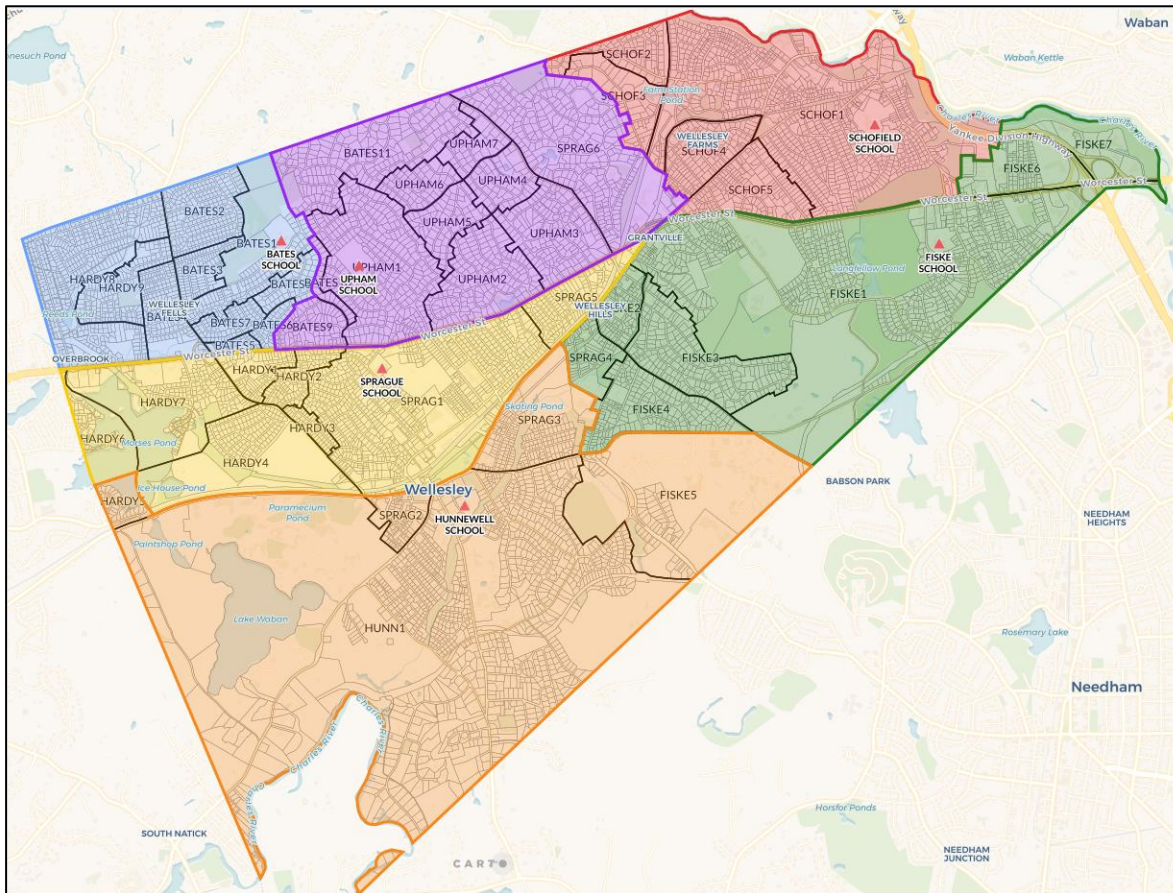
	% Under 1/2 Mile		% Under 1 Mile		% Under 2 Miles	
District	Map 3	Current Map	Map 3	Current Map	Map 3	Current Map
Bates	15%	22%	54%	79%	100%	100%
Fiske	21%	21%	32%	32%	61%	61%
Hunnewell	15%	14%	73%	72%	98%	97%
Schofield	29%	26%	84%	76%	100%	100%
Sprague	18%	15%	62%	39%	96%	82%
Upham	12%	22%	50%	76%	93%	100%

Travel distances calculated with Caliper's Maptitude software, using the 2018 HERE Map Street Contents File, and based on all residential properties, not student locations.

For example: in Map 3, 21% of residential properties in Fiske are under 1/2 mile.

Alternative: Upham Map 3A

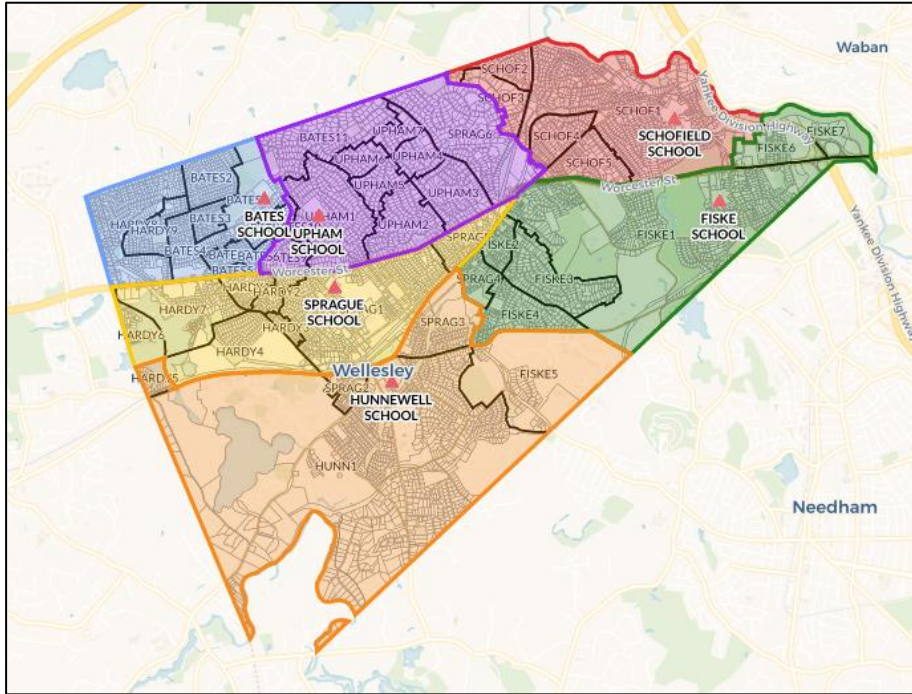
- Addresses community feedback
 - SCHOF 2 & 3 remain in Schofield
- While responsive to the feedback, the equalization of enrollment capacities are impacted
 - Up to 18% enrollment difference between all schools
 - 3 Schools below 85% and 3 schools above 85%



District	School Capacity (Planned)	Target Enrollment (85%)	Projected Enrollment	% Projected Enrollment Capacity
Bates	414	352	359	87%
Fiske	414	352	288	70%
Hunnewell	414	352	289	70%
Schofield	414	352	360	87%
Sprague	414	352	364	88%
Upham	414	352	311	75%

Alternative Recommendation: Upham Map 3A

Residential Properties in Assigned District Under, 0.5, 1, and 2 miles from School



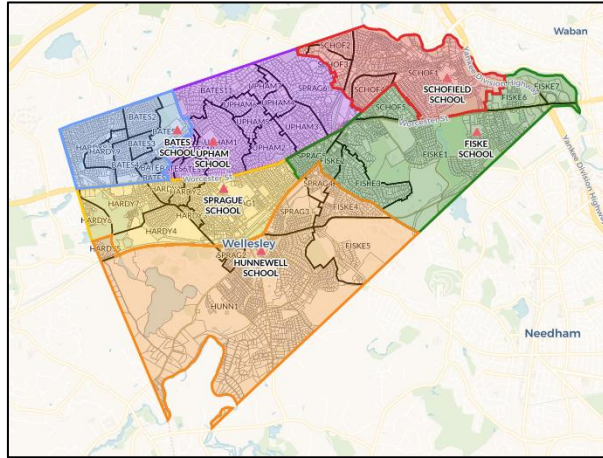
	% Under 1/2 Mile		% Under 1 Mile		% Under 2 Miles	
District	Map 3A	Current Map	Map 3A	Current Map	Map 3A	Current Map
Bates	15%	22%	54%	79%	100%	100%
Fiske	21%	21%	31%	32%	61%	61%
Hunnewell	15%	14%	71%	72%	95%	97%
Schofield	26%	26%	76%	76%	100%	100%
Sprague	18%	15%	62%	39%	96%	82%
Upham	13%	22%	54%	76%	99%	100%

Travel distances calculated with Caliper's Maptitude software, using the 2018 HERE Map Street Contents File, and based on all residential properties, not student locations.

For example: in Map 2, 21% of residential properties in Fiske are under 1/2 mile.

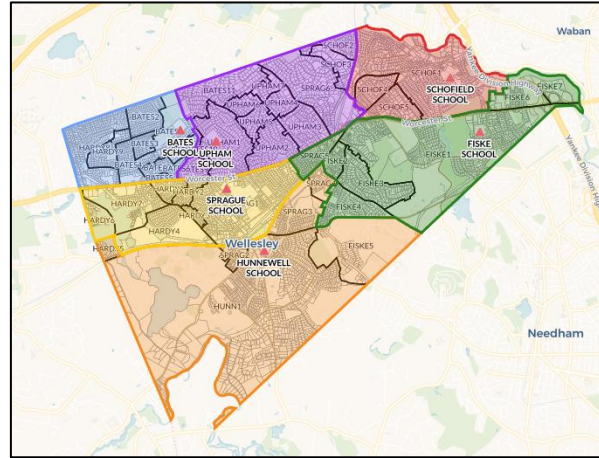
Upham - Comparison of Map Options

Upham Map 1



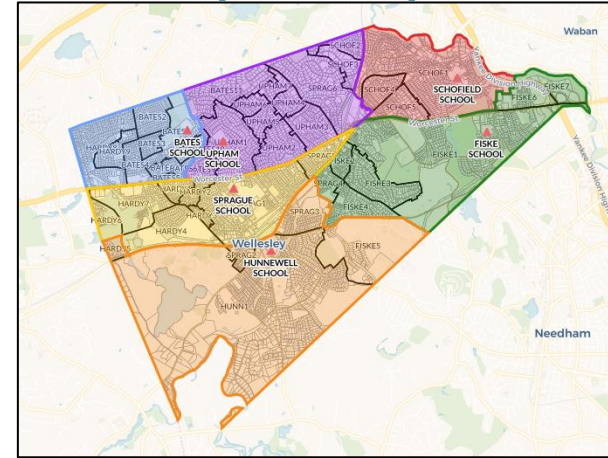
- SCHOF 5 to Fiske
- BATES 6 & 8 to Upham
- FISKE 4 to Hunnewell

Upham Map 2



- SCHOF 2 & 3 to Upham

Recommended Option: Upham Map 3



- Similar to Map 2
- SPRAG5 remains in Sprague
- SPRAG4 to Fiske

Percent of Residential Properties Near Assigned School

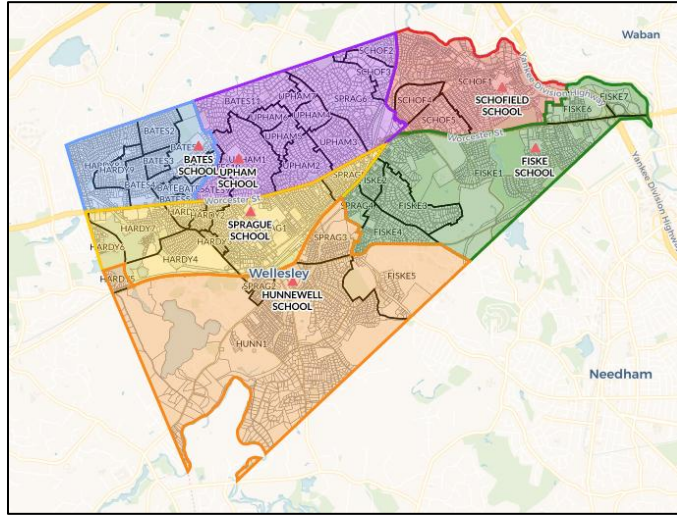
Option	% Under 1/2 Mile	% Under 1 Mile	% Under 2 Miles
Current Map	22%	61%	90%
Map 1	17%	57%	93%
Map 2	18%	58%	91%
Map 3	18%	58%	92%

Residential Properties Crossing Rte 9

Option	Crossing Residential Properties	Total Residential Properties	% Crossing
Current Map	848	7611	11%
Map 1	200	7611	3%
Map 2	55	7611	1%
Map 3	55	7611	1%

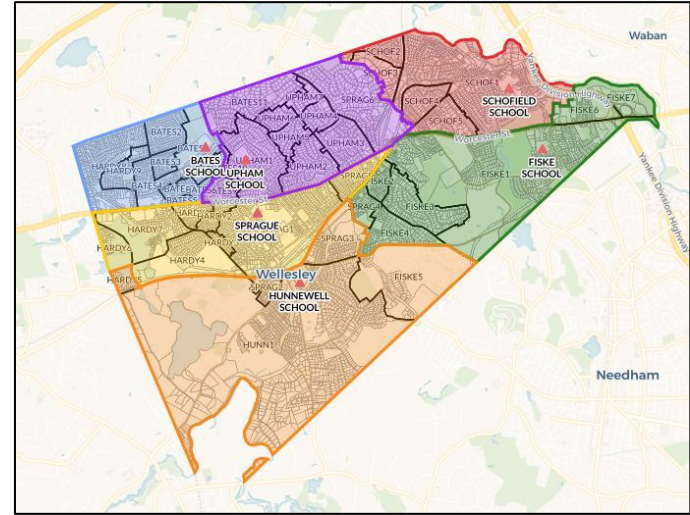
Upham - Comparison of Map Options

Recommended Option: Upham Map 3



- Similar to Map 2
- SPRAG5 remains in Sprague
- SPRAG4 to Fiske

Alternative Recommendation: Upham Map 3A



- SCHOF 2 & 3 remain in Schofield

Percent of Residential Properties Near Assigned School

Option	% Under 1/2 Mile	% Under 1 Mile	% Under 2 Miles
Current Map	22%	61%	90%
Map 3	18%	58%	92%
Map 3A	18%	58%	92%

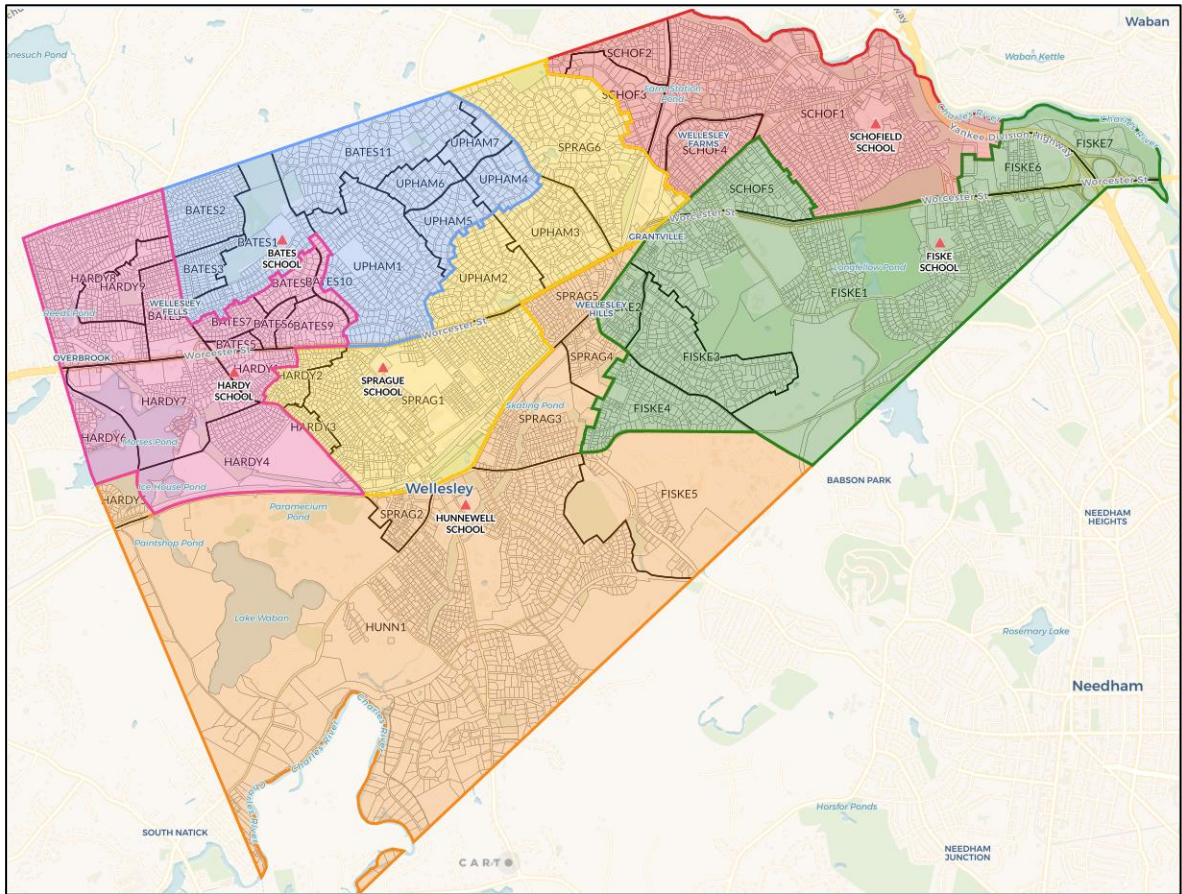
Residential Properties Crossing Rte 9

Option	Crossing Residential Properties	Total Residential Properties	% Crossing
Current Map	848	7611	11%
Map 3	55	7611	1%
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Hardy Options

Hardy Map 1

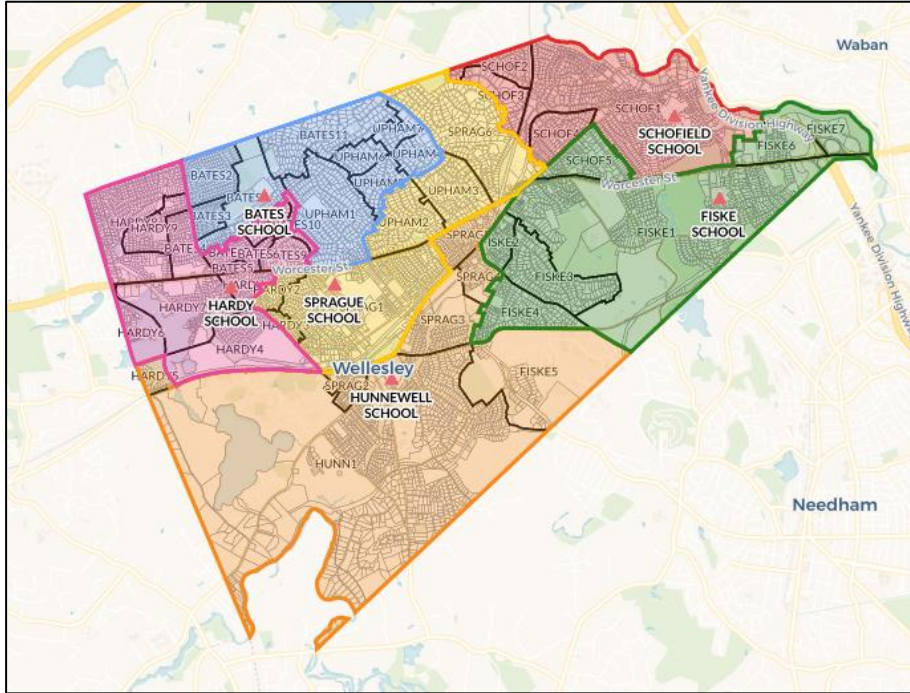
- Largely maintains the existing Hardy district adding closest areas to the school from Bates
- Sends areas north of Rte 9 from Upham to Sprague
- Components from Fiske, Sprague and Hardy move to Hunnewell
- Moves Schofield component to Fiske to relieve Schofield while increasing utilization at Fiske
- Up to 9% enrollment difference between all schools



District	School Capacity (Planned)	Target Enrollment (85%)	Projected Enrollment	% Projected Enrollment Capacity
Bates	414	352	309	75%
Fiske	414	352	309	75%
Hardy	414	352	349	84%
Hunnewell	414	352	331	80%
Schofield	414	352	327	79%
Sprague	414	352	346	84%

Hardy Map 1

Residential Properties in Assigned District Under, 0.5, 1, and 2 miles from School

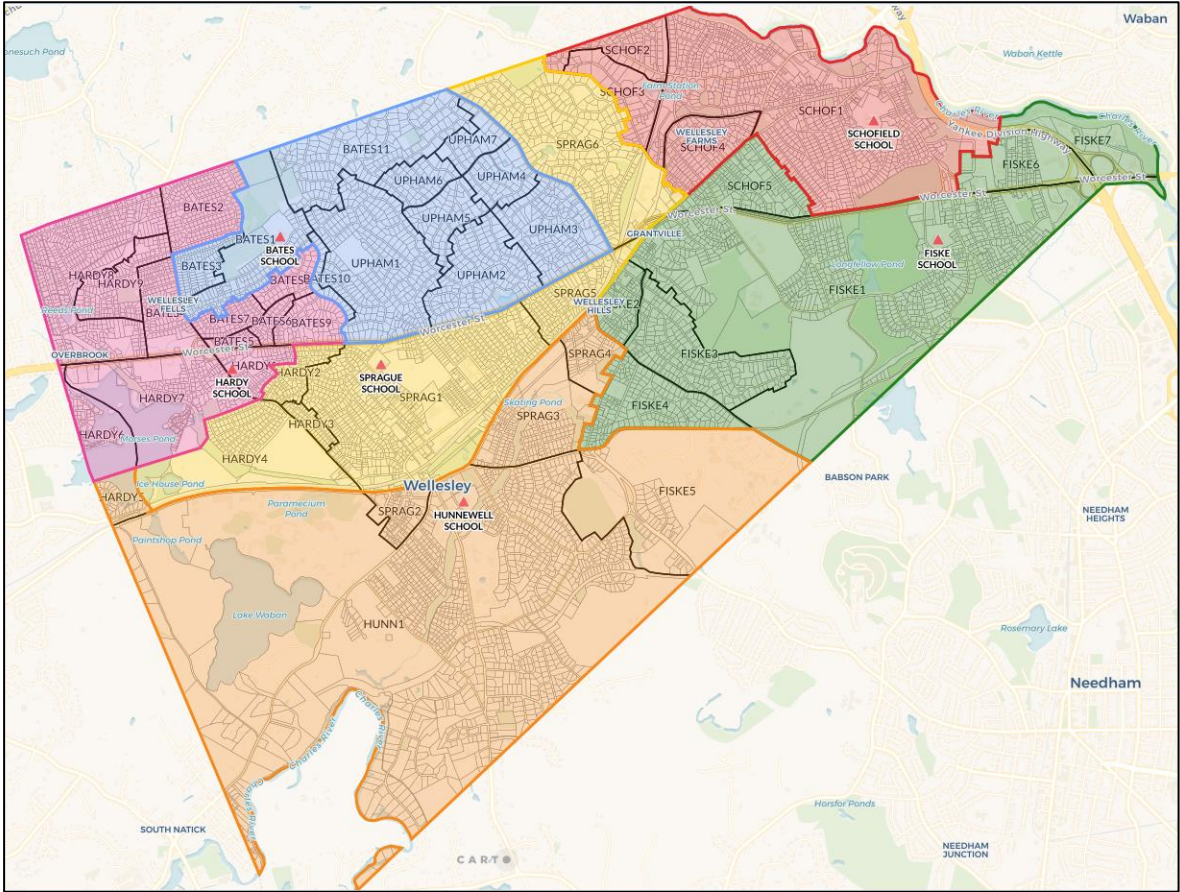


	% Under 1/2 Mile		% Under 1 Mile		% Under 2 Miles	
District	Map 1	Current Map	Map 1	Current Map	Map 1	Current Map
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Fiske	19%	21%	29%	32%	65%	61%
Hardy	31%	32%	76%	68%	100%	98%
Hunnewell	13%	14%	64%	72%	98%	97%
Schofield	30%	26%	75%	76%	100%	100%
Sprague	17%	15%	50%	39%	81%	82%

Travel distances calculated with Caliper's Maptitude software, using the 2018 HERE Map Street Contents File, and based on all residential properties, not student locations.

For example: in Map 2, 19% of residential properties in Fiske are under 1/2 mile.

Hardy Map 2

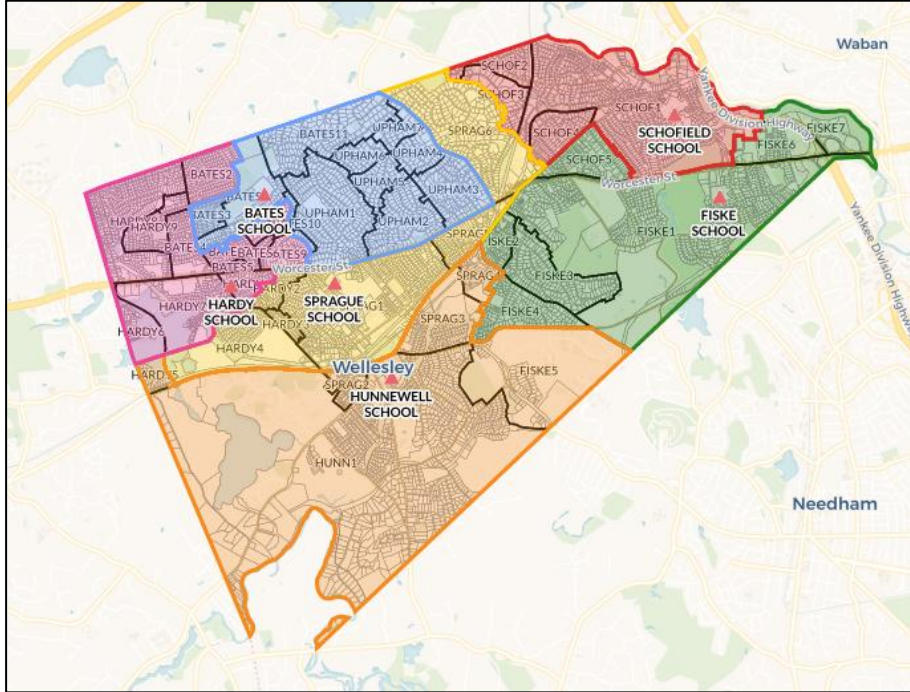


- All of Upham incorporated into Bates reducing the northern areas moving across Rte 9
- This results in a counter-clockwise domino effect moving southern parts of Hardy to Sprague and more areas from Bates to Hardy
- Up to 14% enrollment difference between all schools

District	School Capacity (Planned)	Target Enrollment (85%)	Projected Enrollment	% Projected Enrollment Capacity
Bates	414	352	335	81%
Fiske	414	352	309	75%
Hardy	414	352	360	87%
Hunnewell	414	352	301	73%
Schofield	414	352	327	79%
Sprague	414	352	339	82%

Hardy Map 2

Residential Properties in Assigned District Under, 0.5, 1, and 2 miles from School



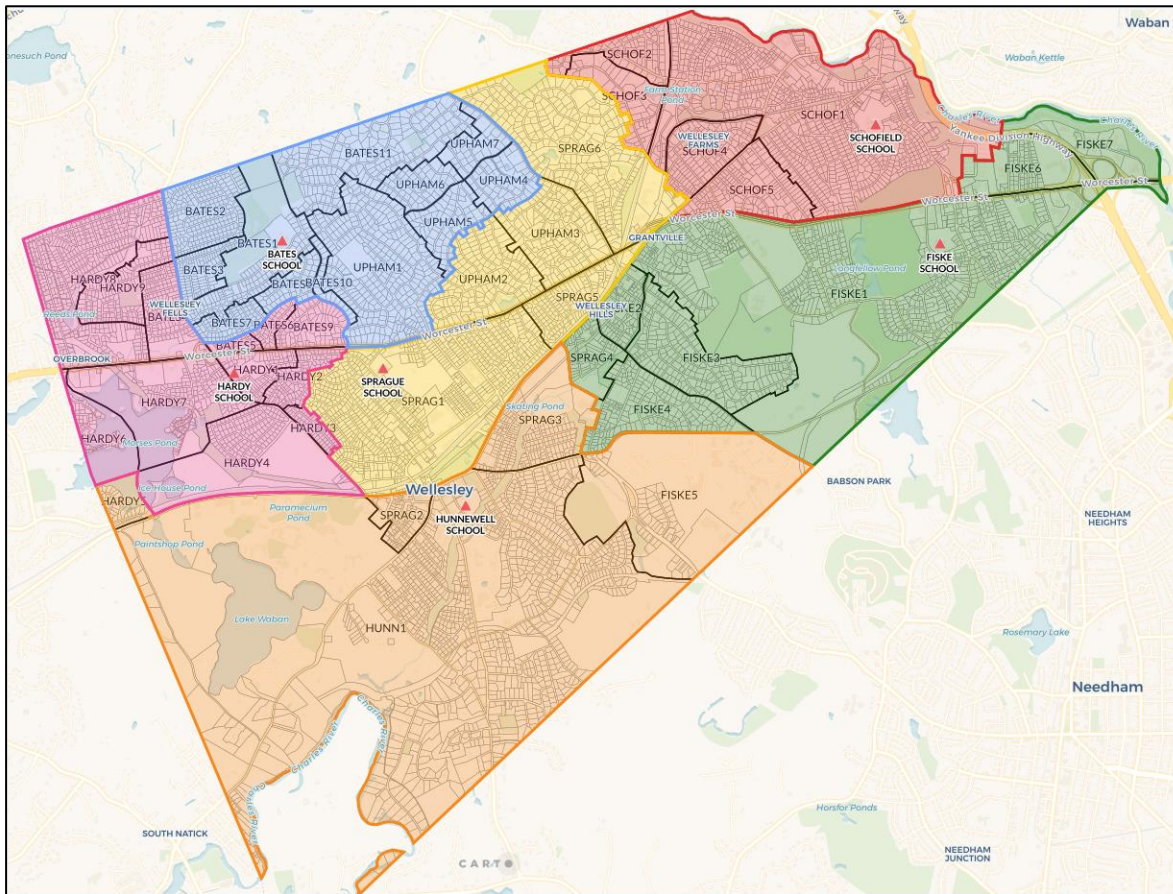
	% Under 1/2 Mile		% Under 1 Mile		% Under 2 Miles	
District	Map 2	Current Map	Map 2	Current Map	Map 2	Current Map
Bates	15%	22%	53%	79%	100%	100%
Fiske	19%	21%	29%	32%	65%	61%
Hardy	23%	32%	71%	68%	100%	98%
Hunnewell	14%	14%	70%	72%	98%	97%
Schofield	30%	26%	75%	76%	100%	100%
Sprague	18%	15%	55%	39%	82%	82%

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For example: in Map 2, 19% of residential properties in Fiske are under 1/2 mile.

Recommended Option: Hardy Map 3

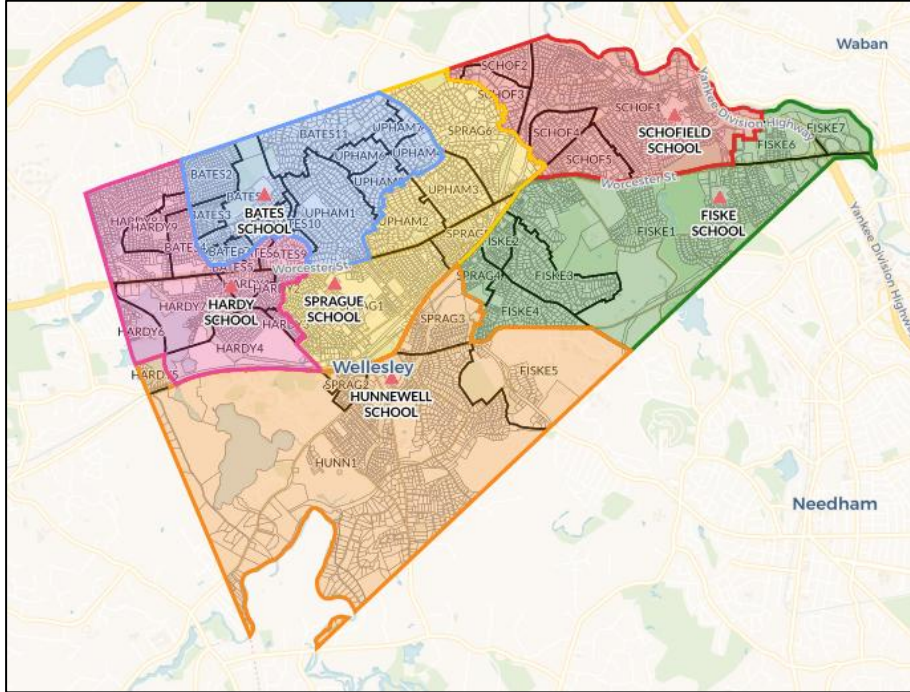
- Addresses Community feedback
 - HARDY 2, 3, and 4 remain at Hardy
 - BATES 2 remains with Bates
 - BATES 7, 8, and 10 remain at Bates
 - SCHOF 5 remains at Schofield
 - SPRAG 4 moves to Fiske
 - Individual addresses shifted
- While responsive to the feedback, the equalization of enrollment capacities are impacted
 - Up to 17% enrollment difference between all schools



District	School Capacity (Planned)	Target Enrollment (85%)	Projected Enrollment	% Projected Enrollment Capacity
Bates	414	352	357	86%
Fiske	414	352	288	70%
Hardy	414	352	343	83%
Hunnewell	414	352	289	70%
Schofield	414	352	360	87%
Sprague	414	352	334	81%

Hardy Map 3

Residential Properties in Assigned District Under, 0.5, 1, and 2 miles from School



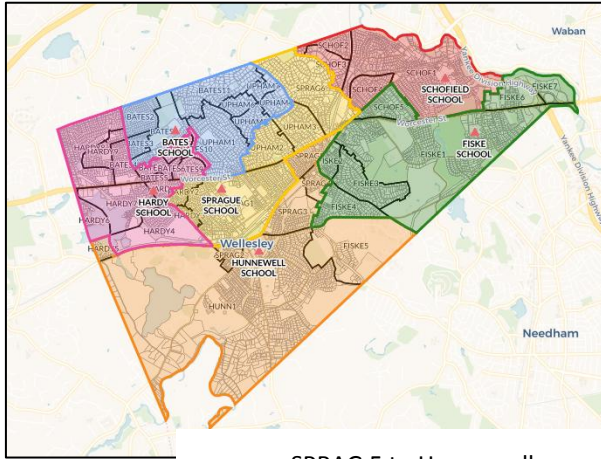
	% Under 1/2 Mile		% Under 1 Mile		% Under 2 Miles	
District	Map 3	Current Map	Map 3	Current Map	Map 3	Current Map
Bates	20%	22%	66%	79%	100%	100%
Fiske	21%	21%	32%	32%	61%	61%
Hardy	33%	32%	75%	68%	100%	98%
Hunnewell	15%	14%	73%	72%	98%	97%
Schofield	26%	26%	76%	76%	100%	100%
Sprague	15%	15%	40%	39%	80%	82%

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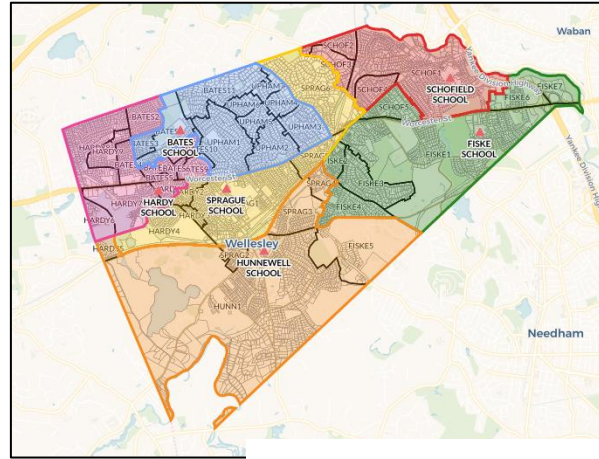
Upham - Comparison of Map Options

Hardy Map 1



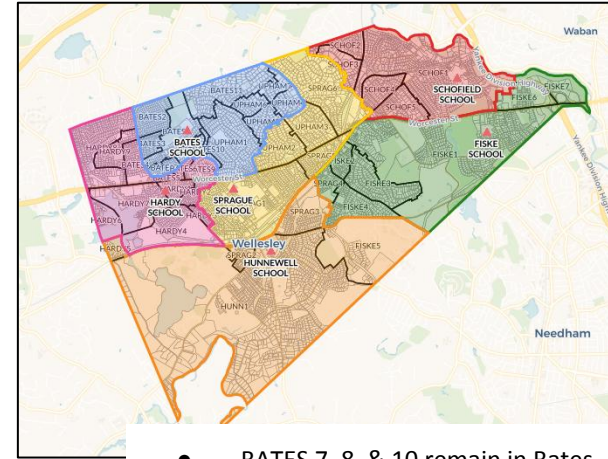
- SPRAG 5 to Hunnewell
- UPHAM 2 & 3 to Sprague
- BATES 10 to Hardy

Hardy Map 2



- HARDY 4 to Sprague
- BATES 2 to Hardy

Recommended Map: Hardy Map 3



- BATES 7, 8, & 10 remain in Bates
- SCHOF 5 remains in Schofield
- SPRAG 4 to Fiske
- HARDY 2 & 3 remain in Hardy

Percent of Residential Properties Near Assigned School

Option	% Under 1/2 Mile	% Under 1 Mile	% Under 2 Miles
Current Map	22%	61%	90%
Map 1	21%	59%	90%
Map 2	20%	59%	90%
Map 3	22%	60%	90%

Residential Properties Crossing Rte 9

Option	Crossing Residential Properties	Total Residential Properties	% Crossing
Current Map	848	7611	11%
Map 1	1718	7611	23%
Map 2	1619	7611	21%
Map 3	1420	7611	19%

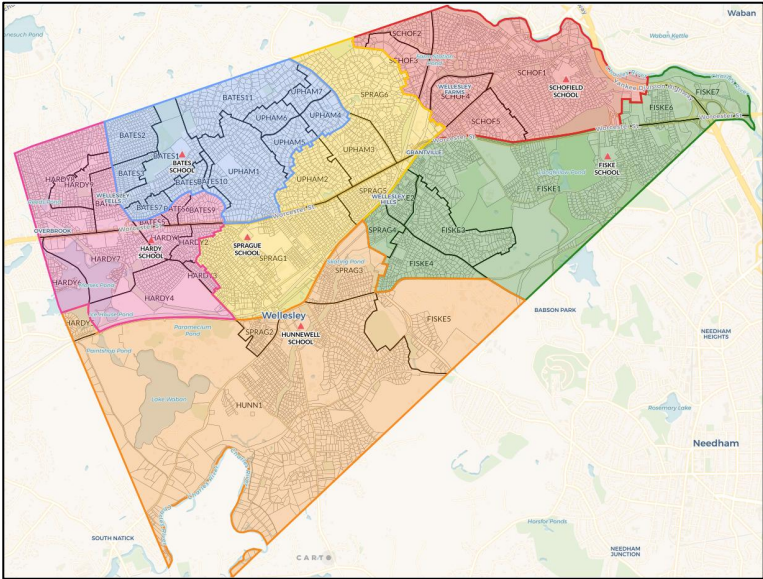
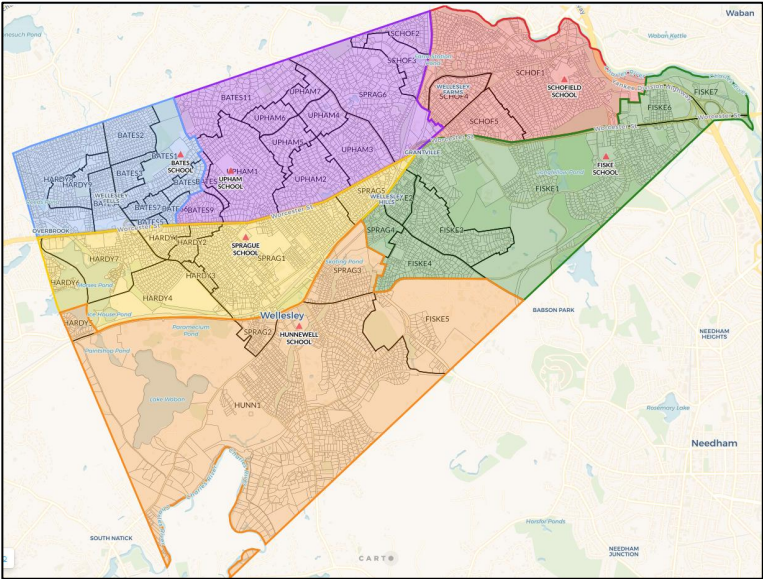


Recommended Options

Upham

Recommended Options

Hardy



District	School Capacity (Planned)	Target Enrollment (85%)	Projected Enrollment	% Projected Enrollment Capacity
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Thank You!

AppGeo

