

NEWTON PUBLIC SCHOOLS
DRAFT COUNTRYSIDE BUFFER ZONES
ENROLLMENT AND CLASS SIZE IMPACT

June 7, 2011

	2011	2012	2013	2014	2015
Angier Total Enrollment	355	354	327	318	321
Total # of Classes	16	17	16	15	15
Average Class Size	22.2	20.8	20.4	21.2	21.4

Add 18 Students for New Buffer Zone

New Enrollment

1 Year - 18 Students	373	372	345	336	339
2 Years - 36 Students	373	390	363	354	357
3 Years - 54 Students	373	390	381	372	375
4 Years - 72 Students	373	390	381	390	393
5 Years - 90 Students	373	390	381	390	411

New # of Classes

1 Year - 18 Students	17	18	16	15	15
2 Years - 36 Students	17	19	16	15	15
3 Years - 54 Students	17	19	17	16	16
4 Years - 72 Students	17	19	17	17	17
5 Years - 90 Students	17	19	17	17	18

New Average Class Size

1 Year - 18 Students	21.9	20.7	21.6	22.4	22.6
2 Years - 36 Students	21.9	20.5	22.7	23.6	23.8
3 Years - 54 Students	21.9	20.5	22.4	23.3	23.4
4 Years - 72 Students	21.9	20.5	22.4	22.9	23.1
5 Years - 90 Students	21.9	20.5	22.4	22.9	22.8

Bowen Total Enrollment	438	440	437	440	435
Total # of Classes	19	20	19	19	19
Average Class Size	23.1	22.0	23.0	23.2	22.9

Add 7 Students for New Buffer Zone

New Enrollment

1 Year - 7 Students	445	447	444	447	442
2 Years - 14 Students	445	454	451	454	449
3 Years - 21 Students	445	454	458	461	456
4 Years - 28 Students	445	454	458	468	463
5 Years - 35 Students	445	454	458	468	470

	2011	2012	2013	2014	2015
Countryside Total Enrollment	519	535	533	548	547
Total # of Classes	23	24	24	24	24
Average Class Size	22.6	22.3	22.2	22.8	22.8

Subtract 18 Students for New Buffer Zone

New Enrollment

1 Year - 18 Students	501	517	515	530	529
2 Years - 36 Students	501	499	497	512	511
3 Years - 54 Students	501	499	479	494	493
4 Years - 72 Students	501	499	479	476	475
5 Years - 90 Students	501	499	479	476	457

New # of Classes

1 Year - 18 Students	23	23	23	23	23
2 Years - 36 Students	23	22	22	22	22
3 Years - 54 Students	23	22	21	21	21
4 Years - 72 Students	23	22	21	21	20
5 Years - 90 Students	23	22	21	21	19

New Average Class Size

1 Year - 18 Students	21.8	22.5	22.4	23.0	23.0
2 Years - 36 Students	21.8	22.7	22.6	23.3	23.2
3 Years - 54 Students	21.8	22.7	22.8	23.5	23.5
4 Years - 72 Students	21.8	22.7	22.8	22.7	23.8
5 Years - 90 Students	21.8	22.7	22.8	22.7	24.1

Countryside Total Enrollment	519	535	533	548	547
Total # of Classes	23	24	24	24	24
Average Class Size	22.6	22.3	22.2	22.8	22.8

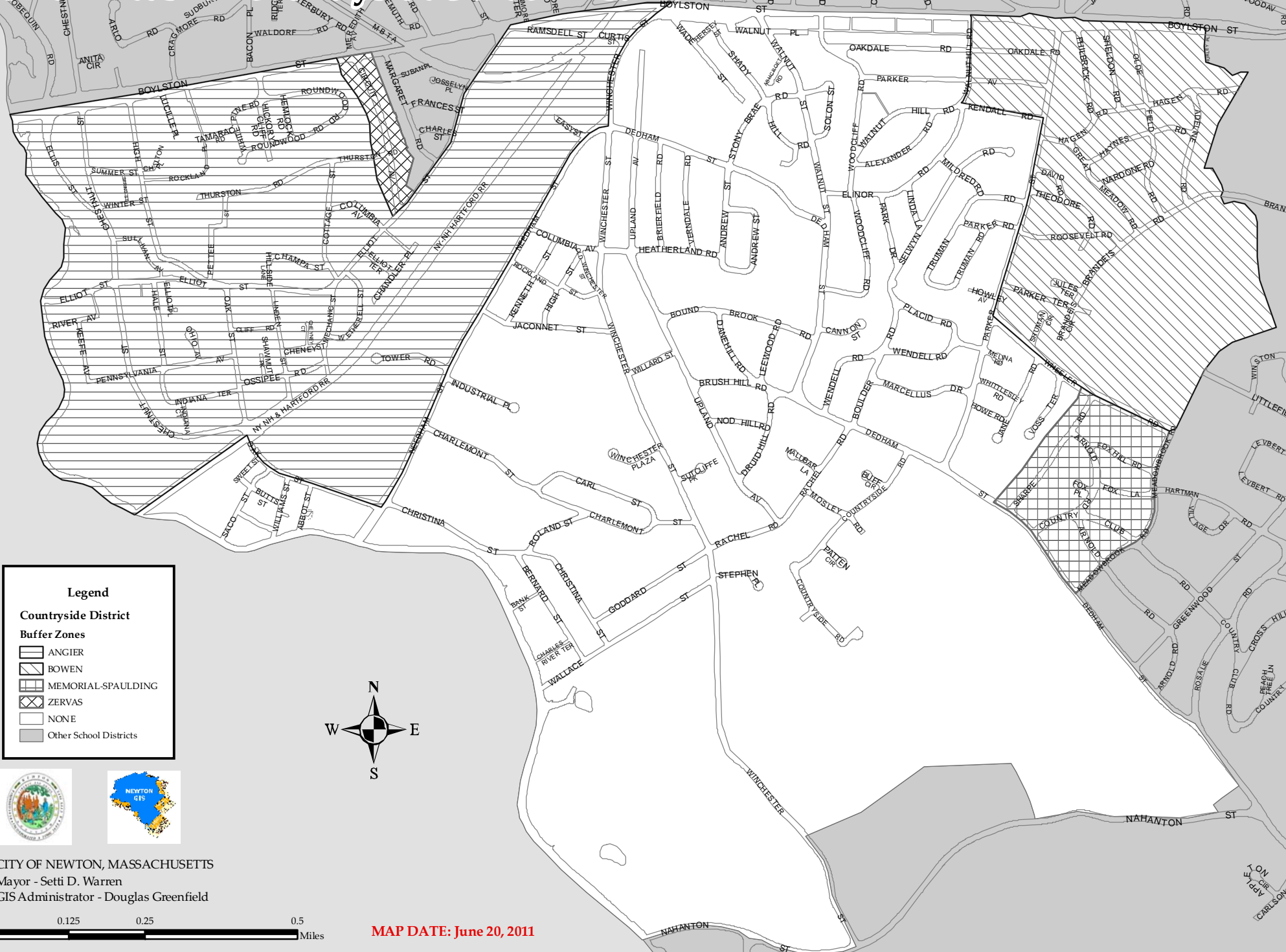
Subtract 18 Students for New Buffer Zone (Ang)

Subtract 7 Students for New Buffer Zone (Bow)

New Enrollment

1 Year - 25 Students	494	510	508	523	522
2 Years - 50 Students	494	485	483	498	497
3 Years - 75 Students	494	485	458	473	472
4 Years - 100 Students	494	485	458	448	447
5 Years - 125 Students	494	485	458	448	422

Buffer Areas for Countryside School District

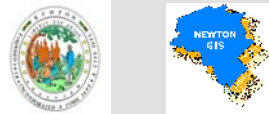


Legend

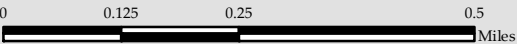
Countryside District

Buffer Zones

- ANGIER
- BOWEN
- MEMORIAL-SPAULLING
- ZERVAS
- NONE
- Other School Districts



CITY OF NEWTON, MASSACHUSETTS
 Mayor - Setti D. Warren
 GIS Administrator - Douglas Greenfield



MAP DATE: June 20, 2011

1. *Please explain how the “voluntary” and “mandatory” policies would work? Where does this policy fit in with the updated buffer zone policy passed this Fall (i.e. process for appeal the same, etc?)*

After consultation with the Countryside Task Force and community feedback the proposal for the new buffer zones has been modified to remove the Zervas-Countryside buffer zone beyond Circuit Avenue and include it into the proposed Angier-Countryside buffer zone.

In retrospect, the terms “voluntary” and “mandatory” used in June 13th Countryside Task Force Recommendation cover sheet do not represent an accurate description of the SC discussion or vote. The SC is asked to decide the merit of the proposed Angier-Countryside and Bowen-Countryside buffer zones, vote to either accept or reject the buffer zones, and have the Assistant Superintendent for Elementary Education implement the Out-Of-Assigned-District Policy for all incoming students to Countryside effective immediately.

2. *In follow up to Jonathan’s question (re: Bowen), what are the projections for each of the next one-three years in each of the proposed buffer zones and how do they match up with the existing class, grade and school projections in each school? In other words, where are potential future students coming from and how is this redistricting projected to impact each school in the short and longer term (Countryside, Bowen, Zervas, Angier). It would be helpful to have a grid that spells this out.*

The Out-Of-Assigned District Policy provides guidelines for placement of students within the buffer zones. These guidelines should prevent future imbalance. Statistically, an annual placement of close to 18 incoming kindergarten students within the Angier-Countryside buffer zone to Angier and up to 8 incoming kindergarten students within the Bowen-Countryside buffer zone would result in a more manageable size at Countryside (475 students in 20 classrooms by FY16), a reasonable increase at Angier (393 students in 17 classrooms by FY16), and a smaller, manageable increase at Bowen (456 students in 19 classrooms by FY15). See attached analysis – Countryside Buffer Zones 6_7_11

a. *Is it fair to assume there are no other alternatives this year that will help avoid moving ABA in 2 years? If not what is the total impact on losing the “extra mental health resources” they provide as support?*

By implementing the buffer zones and assigning all incoming kindergarten students without siblings already attending Countryside, it is anticipated that we will achieve a reduction of a kindergarten classroom at Countryside, eliminating the need to consolidate the Literacy and ELL rooms for September, 2011, and maintaining Countryside classrooms at 22 (3 sections of K, instead of 4). A kindergarten teacher at Countryside would be reassigned to Angier. This move has been investigated and is achievable for September, 2011. Repeating this scenario in September, 2012 might reduce the need for the ABA program to relocate, but projecting enrollment of students new to Countryside in September, 2012 is not accessible at this time.

3. *There is concern about dividing up Upper Falls into 3 elementary schools and two different*

middle schools. What are the implications for UF in the following areas?

This concern is the reason behind the change to absorb the Zervas-Countryside buffer zone within the proposed Angier-Countryside buffer zone .

a. *How important is it to carve additional areas of UF for Zervas buffer zone now? Was that geography always a consideration for Zervas post space expansion?*

Given that the Zervas buffer is no longer a recommendation, a post expansion Zervas district discussion may be premature at this time.

b. *When do we “go over the precipice” for Zervas and Angier? Should we be taking this into account now?*

Implementing additional buffer zones at Countryside is expected to provide flexibility in school assignments, reducing the “precipice effect” in the short term. The long term goal should include increasing capacity at both Angier and Zervas Schools and then reviewing school districts and assignments at that time.

c. *Middle school capacity-- Will all UF Countryside kids who live in these buffer zones now be redistricted to Oak Hill when they graduate or will UF all still go to Brown (to keep all UF at same middle school)? If not, at what point does that shift take place? Regardless, what would that do to the balance of kids at Brown and Oak Hill? Is there capacity?*

The newly modified Angier-Countryside buffer zone retains all Upper Falls residents within the Brown Middle School district. Projections do not indicate an enrollment concern at Brown.

d. *Will bussing UF kids to 2 middle schools (with different start times) impact the number of busses? I think I heard there was no impact on busses for elementary (even though there would be two or three stops in the UF neighborhood for each school and Bowen bus no impact).*

The newly modified Angier-Countryside buffer zone retains all Upper Falls residents within the Brown Middle School district.

4. *Cost implications of additional admin support? I would like to know the following before we vote on this aspect of the proposal:*

a. *Understand the cost impact of these recommendations*

Please refer to the June 20th Countryside Task Force Recommendations cover sheet which included cost implications of \$32,178 for Teacher-In-Charge, NU Coop Student, Lunch Attendant and Additional ISS day adjustments.

b. *Understand how this staffing is prioritized over other “add backs” such as ISS, library and special ed support at the other schools (especially the larger ones)? Where do other large schools fit in terms of equity?*

The staffing funds of approximately \$32K is better characterized as support for the one elementary school in the district with enrollment over 500, rather than prioritized. While the Superintendent has indicated that will be recommendations to “fix” areas of the budget (which may include library and special ed.), the Countryside staffing additions are related to scheduling and to provide flexibility to a school with stretched resources.

5. *What are the busing implications at the new buffer schools?*

Bowen/Countryside Buffer Zone - The Bowen NN bus has time for two additional stops near Newton South High School with space for up to 10 additional students. This would bring the route to 18 bus stops taking approximately 50 minutes from the first pick up to the drop off at Bowen Elementary School at approximately 8:25am. The afternoon route would take the same amount of time being done in reverse order.

Angier/Countryside Buffer Zone - At this time there are three buses transporting students to the Angier Elementary School in the morning, none of which have time to pick up students in the Countryside district and arrive at Angier prior to the start of school. This leaves two options:

Option 1 - The Countryside CC bus currently picks students up in the proposed Angier/Countryside buffer zone. The route would have one minor change adding Avalon Apartments (Needham St.) to the route swapping it out with a stop now on one of the other buses. The CC bus would have no additional stops, it would pick up primarily the same students, drop off at Countryside at approximately 8:20am and then drop at Angier around 8:30am. These times should work without inclement weather or delays due to traffic but leaves no time for the unexpected. Should the bus experience frequent delays the only option would be to change the start time for the Oak Hill route, the first tier for the CC morning bus, which is prior to the Countryside run. This would have the bus dropping those students off at Oak Hill around 7:35am, 5-10 minutes before the other buses drop off. The afternoon Angier bus has room for 15-20 additional students, the same bus stops in the buffer zone would be added to afternoon AA-Angier bus route and would take approximately 30-40 minutes from the departure from Angier School to the last drop off location. Final result is the students would ride with Countryside students in the morning and Angier students in the afternoon.

Option 2 - Contract an additional school bus for mornings only. The cost of the additional morning bus would be \$225.00 per day X 180 days totaling \$40,500.00 for FY12, as quoted by the company's regional operations manager and district VP. This bus would be scheduled to pick students up in the Angier/Countryside buffer zone and go directly to the Angier School to arrive prior to the start of school. This bus would be at our disposal for approximately two hours in the morning making it available to assist in the event there are crowding issues in any of the other schools prior to the Angier run at no additional cost. The afternoon would remain the same as in option one with the buffer zone stops being added to the AA-Angier afternoon bus.