

Youngest Children First 20 Year Facilities Plan



Topics Covered

- Fear Tactics and Public Manipulation
- Population Projections
- Regional Grammar Schools
- History of Fluvanna Schools
- Utilizing Existing Schools
- Sports Complex
- Growth Planning

Free Public Education Starts with Kindergarten

- These three are not yet five years old but are learning as they play.
- They all live within a few miles of this small school but may have to be on a bus for an hour to get to a mega school.
- They need to be near home in a small school like Cunningham or Columbia.

Public Education is NOT Worthy Special Programs

- Pre-School, Head Start, and Breakfast for Students are all great needed programs but, unless mandated for all children, are not the "free public education for all".
- These worthy programs need separate budgeting both for operating expenses and for facilities.

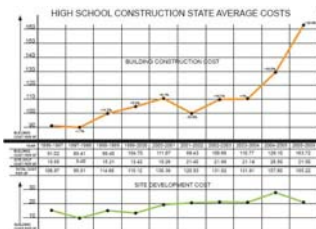
Our Common Goals

- We want ALL of our children educated to at least passing of the standard literacy tests.
- We want those students, who desire to excel, to have the best possible resources to achieve their academic dreams and goals.
- We have a fiduciary responsibility to the taxpayers to give true value for their tax dollars with services equally distributed.

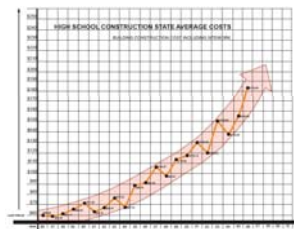
Fear Tactics & Public Manipulation

- Price high because we waited and if we wait longer prices will go even higher.
- Present High School in desperate condition.
- 27 Trailer Classroom show overcrowding.
- Multiple lunch periods prove need more "core facilities".
- Domino is cheapest way to fix it all.

Buy Before Costs Increase More



If I only bought Xerox when....



High School is NOT Maintained



This obvious health violation has been this way for five years and the apparent intention is that it continue this way for at least another three years.

Trailers Used as Classrooms

Use of trailers "proves" overcrowding and guarantees that the core facilities will be overcrowded. That means multiple lunch periods.

Central Elementary Trailer Park



Middle School Trailer Park



Population Projections

We start with a couple of analogies and show how the Domino Projections are flawed

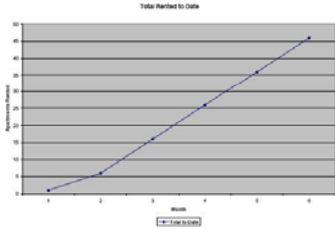
Titanic Analogy

- After hitting an iceberg, sinking was gradual for a while and then it sank like a rock. Increased taxes will reverse growth leading to higher taxes until....
- Arrogance said Titanic could not sink. Arrogance says County cannot sink.
- Only a few saved in lifeboats. Lots of money is tax "lifeboat".
- Those in water quickly froze to death. Losing your home is financial "death".

Apartment Building Analogy

- Illustration without life or death connotation.
- Suppose you build a new apartment building with 100 apartments.
- Not in Fluvanna but perhaps in FL or NY.
- It takes a month to "gear up" for renting so you only rent 1 the first month, 5 the next month, and 10 per month for the next 4 months.

How many apartments will be rented in the next twelve month?

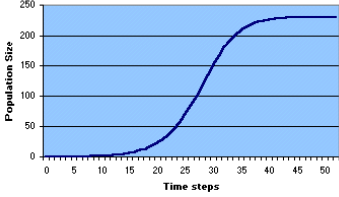


Three possibilities

- Low – Average 5 per month x 12 = 60
- Medium - Average 10 per month x 12 = 120
- High – Average 15 per month x 12 = 180
- All three reasonable answer to question given the data shown on the chart.
- Projections are always inaccurate. One never "knows" the future.
- But all three projections are provably false.

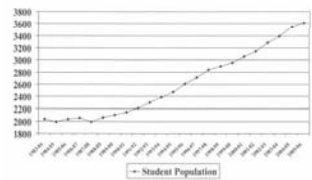
Real Growth is Like This

Population Growth Based on Logistic Equation

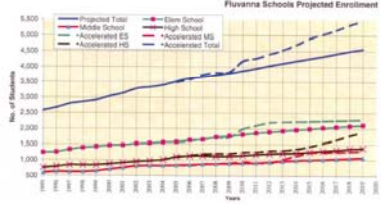


The Data for the Domino Plan

Change in Student Population 1983 to Present



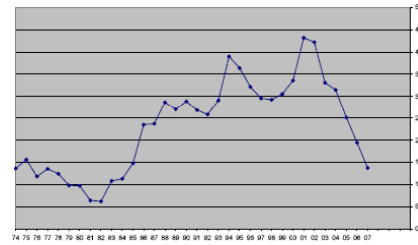
Domino Plan Projects the Future



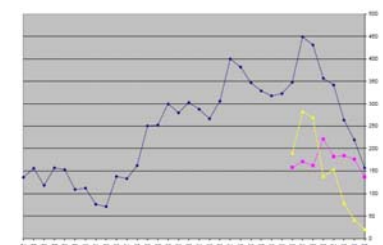
Warnings about Domino Plan

- DeBusk Letter warns of faulty data and projections. (Newly elected School Board Barbara Gibbons was part of that group.)
- Phippen Letter warns of overbuilding.
- Supervisor Ott Letter warns of tax consequences of “staggering” cost.
- Supervisor Weaver Letter warns of decreasing growth.

This What Supervisor Weaver Said



Lake Growth Different



Lake Monticello



The Magnet for Lake

- 3,500 acre community
- 350 acre man-made lake
- 72-par PGA championship length golf course
- Clubhouse with restaurant and activities
- Swimming pools and lake swimming beaches
- Boating
- Exclusive membership

Twenty Year Projection

- January 2008 school enrollment = 3,669
- Lake M share of enrollment = 1,268
- School enrollment not at Lake = 2,400
- School enrollment BEFORE Lake = 2,000
- Enrollment excluding Lake = 400 (in 20 yrs)
- Enrollment growth at Lake = 200 max
- Twenty year enrollment projection = 600 more to no more than 4,300 total, 330/grade

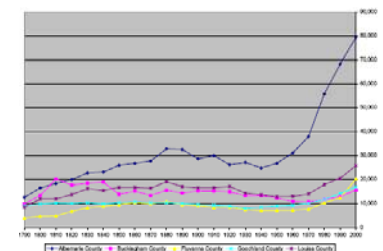
Three Types of County Growth

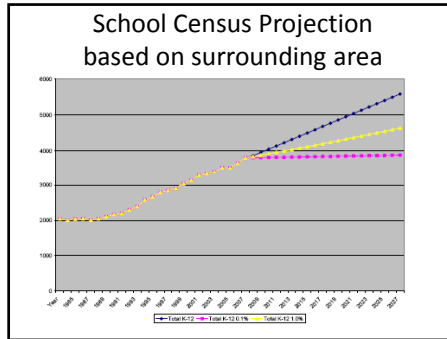
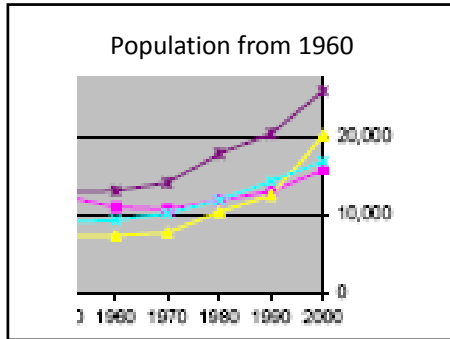
- Growth at Lake Monticello itself in just those 4,601 building lots.
- Growth outside the Lake that is related to the Growth inside the Lake such as for teachers and accountants.
- Growth totally unrelated to Lake Monticello which will be similar to surrounding counties.

Growth of Surrounding Area School System Growth

- Buckingham County: 0.2 percent/year
- Goochland County: 0.1 percent/year
- Albemarle County: 0.1 percent/year
- Louisa County: 1.0 percent/year
- Charlottesville City: -1.5 percent/year

Every Census since 1790





Regional Elementary Schools

Our youngest children have special requirements that are best met by small local schools

Grammar School Parameters

- Bus time for lower grades should be no more than a half hour each way while high schools can be a full hour each way.
- Grammar schools should be close to children's homes.
- While 300 students gives economy of scale, the smaller the school the better.
- 500 is max, 750 is bad, 1000 is worse.

Hawlemont Regional Elementary

Hawlemont Regional Elementary School serves two towns but only has 140 students in K-6

History of Fluvanna Schools

Columbia Elementary School

- Citizens in Kent Store and Columbia fought efforts to consolidate in late 50's and prevailed keeping their small local Grammar School

Cunningham Elementary School

Citizens of Cunningham District love their small local Grammar School. (Newly Elected Supervisor Booker was Principle in 1980's)

Central Elementary

Central Elementary contained grades 4, 5, and 6 before it was expanded to its current size.

Fluvanna High School

Integration in the 1960's caused the Black Abrams High School and the White Carysbrook High School to combine in 1976 into a new school designed to be expanded.



Present High School Wins 2005 Design Award

The 2004 expansion of our High School increased capacity from 600 students to 1,000 students. The area increased by 46,200 SF to the present 162,860 SF. That is 162 SF per student.

Fluvanna Middle School

6th grade was taken from Central Elementary and 7 & 8 were taken from the High School to populate the then non-existent Middle School.



Utilizing Existing Schools

Fluvanna Public Schools are NOT Overcrowded

- "Overcrowding" is measured in 27 trailers at 25 students each = 675 students
- Four existing schools not being fully utilized as schools.
- Abrams, Carysbrook, Palmyra, and Fork Union have 739 empty seats.
- Award winning High School 2004 Addition failed to provide adequate "core facilities", especially lunch room space.

Schools and P&R Sharing

- Parks and Recreation and Public Schools have agreed to share resources.
- Priority is given to Public Schools.
- Rules are in writing and mutual.
- Parks and Recreation can use ALL Public School facilities.
- Public Schools can use ALL Parks and Recreation facilities.



Carysbrook School

This building is structurally sound. It is presently being used as offices upstairs and the library downstairs. The library space will be available soon. The offices can be relocated to actual office space.



Carysbrook lighted field on left side of school

This is a very nice field. It has poles with lights. It is used for both football and baseball.



Carysbrook lighted field on the right

This field has some bleachers and a concession stand.



Carysbrook School Gymnasium
This structurally sound building as two floors with a larger gym upstairs and a small one down stairs.



Carysbrook High School Rear Stand Alone Building
This building is presently being used as a thrift store. It could very well be modified for additional classrooms as required.



Fork Union School
The restrooms are still set up for the little children. It is air conditioned and completely renovated since it was last used as a grammar school.



Palmyra School
This building is larger than it looks from the road with the addition in the rear visible here. The auditorium now has adult size seats which would need to be unbolted from the floor to restore grammar school size ones.

Performing Arts Center

- Carysbrook Auditorium was restored by Performing Arts group and deserve to keep access.
- School System and Performing Arts group can share.



Sports Complex

Why not have Parks and Recreation provide and maintain desired after school capacity at Pleasant Grove?

Sports Sports Sports

- The biggest argument I, Doug Johnson, am hearing is that we do not have sufficient sports related facilities.
- My high school activities related to Science and Mathematics – NO SPORTS
- My wife's high school activities were drama and singing – NO SPORTS
- Our Children were in Band – NO SPORTS
- None of our siblings did sports.
- Sports activities do teach life skills but so do all after school activities such as drama and band.

Separate Domino Sports Complex from Domino High School



- This is first a sports complex which has 9 separate sports fields.
- Consider the proposed school separately.
- Build Sports Facilities as Parks & Recreation Department and NOT from School Budget.

Growth Planning

- Phase 1 – Put existing schools back in service.
- Phase 2 – Build new small local grammar schools in corners of county as needed.
- Phase 3 – Expand High School with multi story wing that includes field house, new cafeteria, and sufficient classrooms to get to a total capacity of between 1500 to 2500 as needed.

Put Existing Schools Back in Service

- Move the children from the 4 trailers at Cunningham School to Fork Union School
- Move the children from the 13 trailers at Central Elementary to Palmyra School
- Move the children from the 10 trailers at the Middle School to the Carysbrook School
- Fix structural damage to Abrams School and use for needed High School space.

Build New Small Local Grammar Schools as Needed

- While Pleasant Grove is “free”, purchase of “farm land” would be the smallest expense.
- Locations must serve new areas now requiring the longest bus rides.
- Kents Store, Union Mills, and Antioch or obvious first choices.



Multi Story Wing for High School

- Ground level with football field can include field house.
- Next level could include cafeteria and class room.
- Higher levels could be left unfinished for future growth.



Present High School with New Wing



Comparison of Plans

Domino Plan

- One hundred million dollar commitment to Phase 1.
- Additional construction cost for more than 1500 in HS.
- Building on speculative projections of growth.
- Phase 1 leaves 1220 in regional grammar school.
- Existing schools wasted.

Youngest Children First Plan

- No new construction costs up front.
- Pay as you go with small local grammar schools.
- Build as needed by actual growth.
- History of Fluvanna Schools preserved.
- No wasting existing schools.