

BOARD HIGHLIGHTS
SUMMARY OF THE BATAVIA DISTRICT 101
BOARD OF EDUCATION MEETING
JANUARY 16, 2007

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Workshop Meeting of the Board of Education

- The Board of Education held a special meeting for the purpose of facilities planning.
- Superintendent Barshinger outlined four major areas of facility needs identified by administration and staff. The four areas are: additions to Batavia High School, multi-purpose space at Rotolo Middle School, an Early Childhood Education Center at Alice Gustafson and infrastructure improvements at White, Storm, Nelson, and Gustafson. The focus of this first facilities workshop session was to introduce a needs assessment at Batavia High School.
- Steve Hougsted, architect with Arcon Associates, shared research on the standards and guidelines for a 2200 student high school. District demographic projections estimate BHS having 2000 regular education students and 200 special education students by 2011.

Mr. Hougsted calculated the current capacity of BHS based on a count of the teaching stations in the school and multiplying an average class size of twenty-five students. Using this formula, BHS has a current design or maximum capacity of 1800 students. Currently, BHS has a maximum capacity utilization rate of 108%. However, the design or maximum capacity does not tell the real story because it assumes 100 percent utilization and that is difficult because of scheduling conflicts. A second calculation, functional capacity is based on an 85 percent utilization factor. The current functional capacity of BHS is 1530 students which equates to a 127% functional utilization rate.

Arcon conducted a second capacity study of BHS that compared the size of high school buildings (total square footage) and the number of students. This ratio is determined by dividing the total size of the building by the

number of students it holds. Currently BHS has a ratio of 120 square feet per pupil. In comparison, when Arcon benchmarked our current ratio to the national ratio over the past 36 years, the space-per-pupil has changed significantly.

In 1970 the average high school had 120 SF per student

In 1987 the average high school had 153 SF per student

In 2005 the average high school had 163 SF per student

The data shows that Batavia High School is in line with the national averages from 1970, and would need a 125,000 square foot addition to meet national standards for 2005. In addition, Arcon looked at 14 suburban high schools in the Chicagoland area, thirteen of which had at least 2000 students. The average square foot per student in this comparison group was 192 SF. Applying this standard, BHS would need an 188,800 SF addition.

- President Link explained that D101 was still working with various partners to acquire land for water detention and/or additional field space. Several options are being explored north and south of the high school. The Board has given the Superintendent a February 1, 2007 deadline for acquiring the necessary tentative agreements from partners.
- The Board heard an engineering feasibility report from Fred Thaete, Manhard Consulting, regarding the potential for onsite water detention. Mr. Thaete reported that the required 22.5-acre feet of water detention for BHS could be accomplished in three ways. The first feasible option is the use of above ground surface ponds. This option would create wet pond areas on the current school site. The use of wet ponds would affect the amount of practice fields surrounding BHS. The second option is the use of underground detention systems. In the past, these systems have been deemed extremely expensive. However, Mr. Thaete reported that new systems have become available that have lowered the cost. Underground detention would not affect the current practice fields surrounding BHS. The third option is the use of porous paving material on parking lots to reduce or eliminate water detention requirements. Replacing asphalt-parking areas with porous paving blocks may also be a viable option.

The Board of Education requested a cost benefits analysis for the three types of water detention and any combinations that would provide a cost effective method for on-site water detention.

- The Board of Education set Thursday, January 25, 2007, at 7:00 p.m. at Rosalie Jones Administration Center, for their next facilities workshop session. Workshop meetings are for hearing administrative and consultants' reports and discussion between Board members regarding the implication of those reports on District short and long-range plans.
- The meeting of the Board of Education adjourned at 8:18 p.m.