

Draft

BEDFORD AREA SCHOOL DISTRICT
BEDFORD, PA

DISTRICT-WIDE FEASIBILITY STUDY
18 NOVEMBER 2008



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FEASIBILITY STUDY INTRODUCTION

This Feasibility Study, completed by EI Associates, as commissioned by the Board of School Directors, is intended as a tool in evaluating the Bedford Area School District's current and future facility needs and expenditures.

The Commonwealth of Pennsylvania requires that School Districts complete a Feasibility Study of all facilities owned by the School District as part of receiving State reimbursement for a PlanCon project. The study must provide an appraisal of the ability of existing schools to meet current and planned educational programs and space needs including an analysis of projected enrollment. The District-wide feasibility study requirements are outlined on the following pages.

This study has been compiled using data gathered at recent meetings with District Administrators. Visits to the buildings have been conducted to evaluate their compliance with Department of Education Standards; International Building Codes; Pennsylvania Department of Labor and Industry Standards; National Plumbing and Electrical Codes; and the American Disability Act Accessibility Standards. The Feasibility Study began with a tour of each existing building to evaluate its size, age, condition, suitability as an educational facility and potential for upgrading or expansion. Discussions took place with the School District, following the building tours, to confirm current and projected building usage and school programs, also to explore possible future changes in program and developments that might affect the study.

The following topics are covered within the study:

- An overview of the Bedford Area School District that considers such factors as geography, population, and wealth. Distinguishing characteristics that will have an impact on Bedford Area School District's facilities are identified such as geographically separate population centers.
- An analysis of Bedford Area School District's projected enrollment, including population projection charts 10 years into the future for grade groupings K-5; 6-8, 9-12; and K-12.
- An overview of Bedford Area School District's educational program that highlights special facility needs, including curriculums that would require special design features.
- An analysis of each building's capacity as it relates to the educational program.
- Existing educational trends, future technologies, and future learning strategies/activities are considered as part of this evaluation as criteria to judge a facility and to determine its long-range usefulness as a school.
- An analysis of each building's physical condition includes the following: Current building codes, PA Department of Education Standards, energy conservation measures, and the America Disability Act Accessibility Standards (ADA). The analysis is divided into at least seven major facility components: Site; Exterior of Building; Interior of Building; Heating, Ventilation, and Air Conditioning; Plumbing; Electrical; and Code Evaluation; as well as applicable components including Security, IT and Communications, and Educational Upgrades.
- An analysis of construction options, including cost estimates, and a summary depicting buildings, options, and costs.

FEASIBILITY STUDY GUIDELINES

Pennsylvania Department of Education: District-Wide Facility Study Guidelines

"District-Wide Facility Study Guidelines", which are based on the Pennsylvania Department of Education (PDE) PlanCon-A instructions are outlined below.

Basic Education Circular (BEC) 24 P.S. § 7-733, "School Construction Reimbursement Criteria," explains the requirement for school building district-wide facility studies as a condition for reimbursement.

School districts must develop a complete building facility study of all district educational facilities including the district administration office. The study must be completed prior to, and within two years of, the date of the PlanCon Part A, Project Justification, submission. The study must provide an appraisal as to each facility's ability to meet current and planned educational program requirements, the degree to which the present facilities meet reasonably current construction standards, and an estimated cost of necessary repairs and improvements. Facility studies must contain documentation regarding the authors' credentials for producing the document.

The Department no longer requires the entire facility study to be submitted. In lieu of the study, Page A03, District-Wide Facility Study Certification, must be submitted. The Department of Education, however, reserves the right to request a copy of the entire district-wide facility study. Completion of a district-wide facility study is a prerequisite to submission of Part A. If the date of the district-wide facility study is more than 2 years old, an addendum which addresses each of the individual elements required for a study must be completed.

Before the Commonwealth will consider a building project for reimbursement, school districts must demonstrate that they have evaluated all of their facilities. The purpose of the district-wide facility study is to develop a plan for addressing the **entire** school district's facility needs. The study must consider how well each building lends itself to the district's current and planned educational program, both in terms of the building's **design** (e.g., arrangement, number, layout and size of various spaces relative to current and projected enrollment) and **structure** (e.g., soundness, compliance with codes, access, environmental conditions). When the study indicates some inadequacy or deficiency, it must provide an estimate of the cost to correct the problem.

It is important to remember that PlanCon is designed as an administrative tool with the primary purpose of documenting planning and determining subsidy. It contains assumptions that may not apply to a particular school district. PlanCon, for instance, computes full time equivalent elementary capacity based on the assumption of 25 students per room. Secondary capacity presumes a 90 percent utilization rate. Capacity for special education rooms is calculated only for reimbursement purposes. It is important that facility studies provide a clear explanation of methodologies used to determine such things as capacity and enrollment.

FEASIBILITY STUDY GUIDELINES

Pennsylvania Department of Education: District-Wide Facility Study Guidelines (con't)

District-wide facility studies must contain all of the following elements and include answers to all the of questions asked:

An overview of the school district that considers such factors as geography, population, and wealth. Are there any distinguishing characteristics that will have an impact on facilities such as geographically separate population centers?

An overview of the school district's educational program that highlights any special facility needs. Are there instructional practices or planned curriculums that will require special design features?

An analysis of projected enrollment. What is the likely enrollment for each grade structure? Are projections five to ten years into the future reasonable and reliable? Is there a predictable growth potential in certain areas of the district? It is not sufficient to base construction plans on PDE's "current enrollment plus 10 percent." The "10 percent rule" is to be used solely for reimbursement.

An analysis of each building's capacity as it relates to the educational program. One must ask not only how many students can a building house, but if each building provides the types of educational spaces dictated by the educational program. Factors such as the length of the school day, number of classes per day, grade alignments, and size of particular rooms and adequacy of those rooms will affect capacity.

An analysis of each building's physical condition. What is the condition and projected useful life of each building's major components (heating, HVAC, plumbing, etc.)? Are there code violations? Is the building energy efficient? What will it cost to upgrade each building to current standards?

An analysis of construction options. What choices does the district have considering the above analysis? What are the pros and cons of each alternative?

Cost estimates for each option.

A summary depicting buildings, options, and costs.

Documentation regarding the authors' credentials. What education, registration or licensure and experience qualify the authors to perform the study?

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DISTRICT OVERVIEW INTRODUCTION

This section of the Feasibility Study is an overview of the Bedford Area School District that considers such factors as geography, population, and wealth. Distinguishing characteristics that will have an impact on Bedford Area School District's facilities are identified such as geographically separate population centers.

The topics covered in this section of the Feasibility Study include:

- A summary of School District Buildings.
- Geography / Geographic Population Centers including data and respective maps.
- Population / Population Density / Population Distribution by Land Use including data and respective maps.
- Housing Characteristics including the years housing units were built and the years that the householder moved into the housing units.
- Economic Characteristics including Income and Occupation data.
- General Population Characteristics.

DISTRICT OVERVIEW SUMMARY

School District Buildings

The Elementary School program (grades K-5) consists of the Bedford Elementary School and the Hyndman-Londonderry Elementary School.

The Secondary School program consists of the Bedford Middle School (grades 6-8), the Hyndman Middle/Senior High School (grades 6-12), and the Bedford High School (grades 9-12) with District Administration Offices.

Geography / Geographic Population Centers

The Bedford Area School District is located in the Central and Southwestern sections of Bedford County, Pennsylvania; and includes the municipalities of Bedford Borough, Bedford Township, Colerain Township, Cumberland Valley Township, Harrison Township, Hyndman Borough, Londonderry Township, Manns Choice Borough, Rainsburg Borough, and Snake Spring Township.

The School District presently operates two geographically separate campus sites. The K-5 Bedford Elementary School is located in Bedford; also the 6-8 Bedford Middle School and the 9-12 Bedford High School with District Administration Offices share a campus site located in Bedford. The K-5 Hyndman-Londonderry Elementary School and the 6-12 Hyndman Middle/Senior High School share a campus site located in Hyndman.

Population / Population Density / Population Distribution by Land Use

The School District Population age percentages based on the 2000 U.S. Census: 5% of residents are Pre-school age children 0 to 4 years; 16% of residents are School age children 5 to 17 years; 59% of residents are Adults age 18 to 64 years; and 20% of residents are Adults age 65+ years.

The School District serves an approximate population of 16,890 residents within 292.46 square miles, and is primarily a rural agricultural area. The approximate average Population Density of the School District is 58 persons per square mile, while the Household Average Density is 27 households per square mile.

The majority of the School District's population lives in Rural Non-Farm areas. The School District is approximately 73.0% Rural, with 70.2% of the population classified as Rural Non-Farm, and 2.8% of the population classified as Rural Farm. The remaining 27% of the School District's population is classified as Urban.

DISTRICT OVERVIEW SUMMARY

Housing Characteristics

The Years that Housing Structures (all occupied and unoccupied units) were built in the School District are as follows: 31.6% were built 1939 or Earlier; 18.6% were built between 1940 to 1959; 26.4% were built between 1960 to 1979; 10.5% were built between 1980 to 1989; 5.7% were built between 1990 to 1994; and 7.2% were built between 1995 to March 2000.

The Years that the Householder moved into the Housing Unit (total occupied housing units) in the School District are as follows: 18.9% in 1969 or Earlier; 13.9% between 1970 to 1979; 17.2% between 1980 to 1989; 14.6% between 1990 to 1994; 23.4% between 1995 to 1998; 12.0% between 1999 to March 2000.

Economic Characteristics

Economic data based on the 2000 U.S. Census for the School District: \$32,238 was the Median Household Income; \$37,829 was the Median Family Income; \$16,040 was the Per Capita Income; 6.4% of Families were Below Poverty Level; 9.0% of the Population were Below Poverty Level; \$78,290 was the Median House Value.

The Occupation data of employed civilian population age 16 years and over for the School District: 26.6% Management & Professional; 13.4% Service Occupations; 24.3% Sales & Office; 0.9% Farming, Fishing & Forestry; 10.2% Construction, Extraction & Maintenance; 24.6% Production, Transportation & Material Moving.

General Population Characteristics

Total population of the School District: 48.8% Male and 51.2% Female.

Total Population over 25 years of age: 80.0% have a High School Degree or higher; 13.0% have a Bachelor Degree or higher.

Total Population over 16 years of age: 58.4% are in the Labor Force; 54.9% commute to work; Mean travel time to work is 26.2 minutes.

The racial makeup of the School District in 2000 was 98.1% White, 0.6% African American, 0.1% Native American, 0.4% Asian, 0.0% Pacific Islander, 0.2% Other Races, and 0.6% from two or more races. Hispanic or Latino of any race were 0.6% of the population.

DISTRICT OVERVIEW

School District Buildings

The Elementary School program (grades K-5) consists of the Bedford Elementary School and the Hyndman-Londonderry Elementary School.

The Secondary School program consists of the Bedford Middle School (grades 6-8), the Hyndman Middle/Senior High School (grades 6-12), and the Bedford High School (grades 9-12) with District Administration Offices.

Table 1 profiles the School District Buildings. Refer to Map 1 for a geographic illustration of the School District.

TABLE 1 Bedford Area SD Buildings	Grade Levels	2007-08 Student Enrollment	Site Size Acres	Construction / Renovation Dates
Bedford Elementary	K-5	843	21	1996
Hyndman-Londonderry Elem.	K-5	190	44.2*	1958; 1989 A
Bedford Middle School	6-8	460	30**	1978
Hyndman Middle/Senior H. S.	6-12	220	44.2*	1951; 1976 A; 2002 A; 2006 A
Bedford High School with District Administration Offices	9-12	613	30**	1888; 1927 A; 1934 A; 1946 A; 1954 A; 1996 A

* shared site; ** shared site

School Board of Directors

The Board of School Directors is made up of nine members. The nine directors are elected from the District's residents as a whole. Elections are held in alternate years in accordance with law. Director's terms last four years. The Superintendent is the chief administrative officer of the School District, with overall responsibility for all aspects of operations, including education, finance and facility planning. The Business Administrator is responsible for budget and financial operations. Both of these officials are selected by the Board of School Directors.

Geographic Population Centers

The School District presently operates two geographically separate campus sites. The K-5 Bedford Elementary School is located in Bedford; also the 6-8 Bedford Middle School and the 9-12 Bedford High School with District Administration Offices share a campus site located in Bedford. The K-5 Hyndman-Londonderry Elementary School and the 6-12 Hyndman Middle/Senior High School share a campus site located in Hyndman.

DISTRICT OVERVIEW

Bedford Area School District - District Map

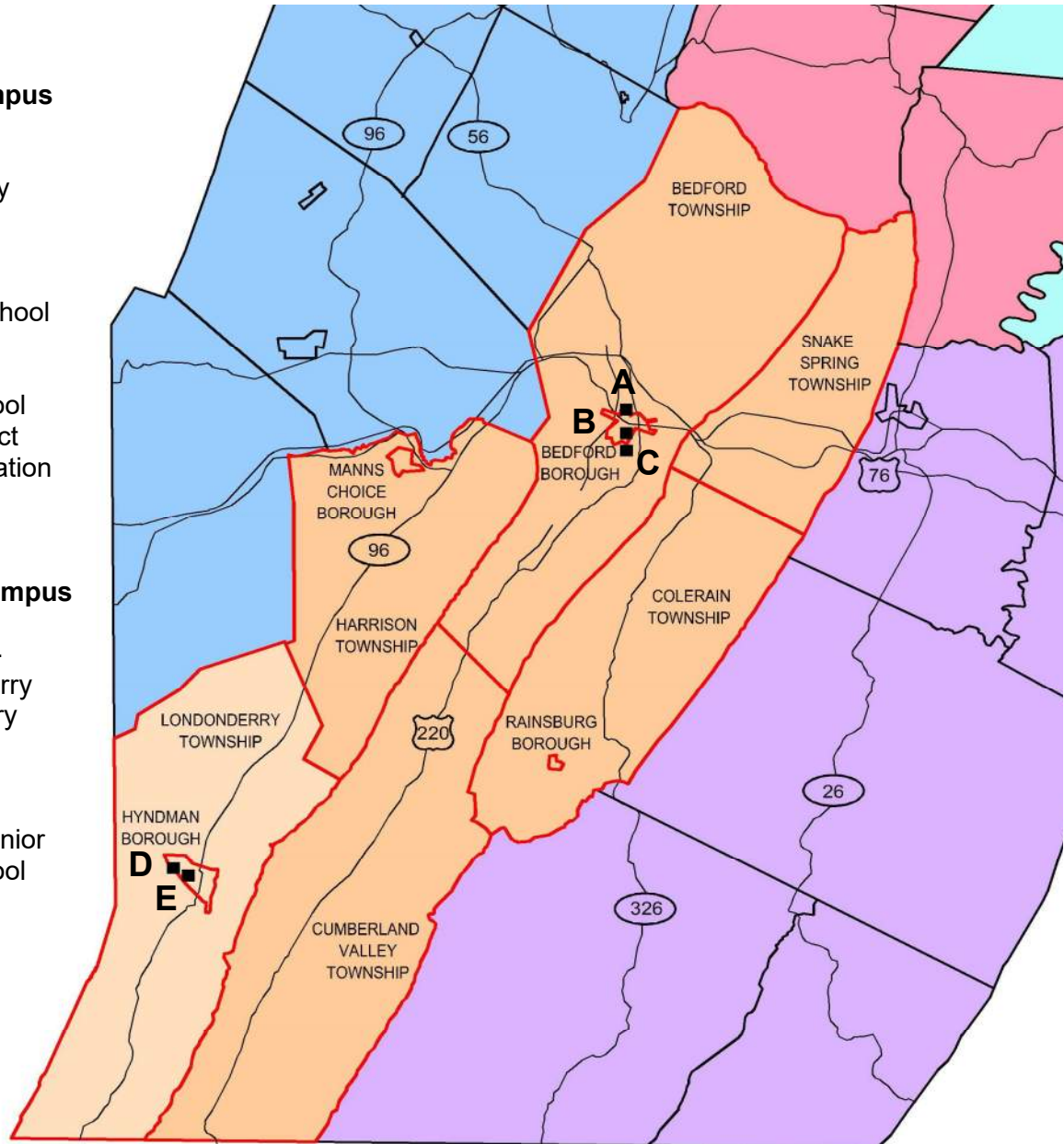
Map 1 illustrates the Bedford Area School District. Map source is the Bedford County Comprehensive Plan.

Bedford Campus



- A** Bedford Elementary School
- B** Bedford Middle School
- C** Bedford High School with District Administration Offices

Hyndman Campus

- D** Hyndman-Londonderry Elementary School
- E** Hyndman Middle/Senior High School



PENNSYLVANIA / MARYLAND BORDER

-  BEDFORD CAMPUS ATTENDANCE AREA
-  HYNDMAN CAMPUS ATTENDANCE AREA

DISTRICT OVERVIEW

Geography

The Bedford Area School District is located in the Central and Southwestern sections of Bedford County, Pennsylvania. The School District stretches South to the Pennsylvania-Maryland border. Refer to Maps 1 and 2 for geographic illustrations.

The Bedford Area School District includes the municipalities of Bedford Borough, Bedford Township, Colerain Township, Cumberland Valley Township, Harrison Township, Hyndman Borough, Londonderry Township, Manns Choice Borough, Rainsburg Borough, and Snake Spring Township.

The School District is bounded on the North by South Woodbury Township; on the South by the Pennsylvania-Maryland border; on the East by Hopewell Township, West Providence Township, Monroe Township, and Southampton Township; and on the West by East St. Clair Township, Napier Township and Juniata Township.

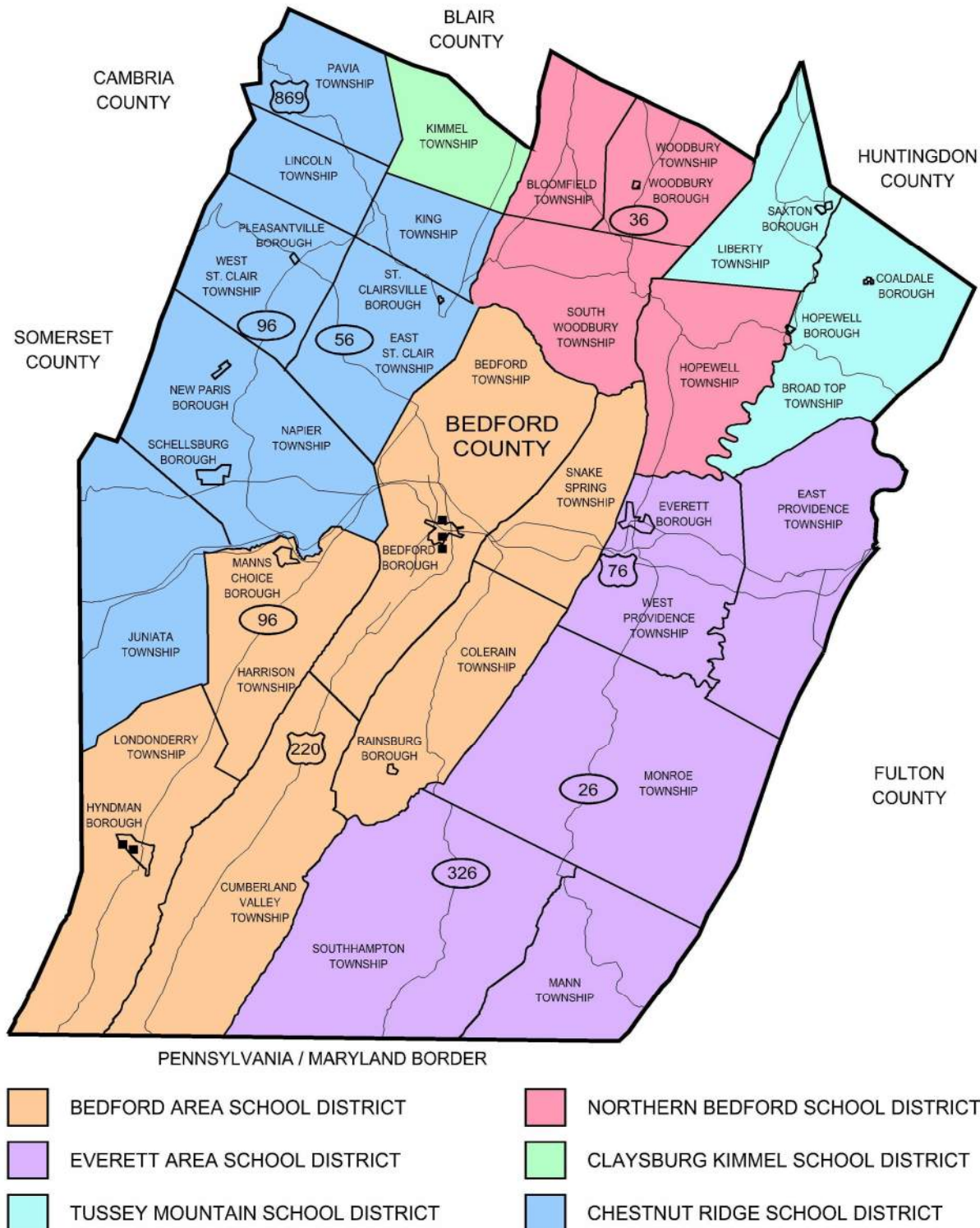
The Buffalo Mountain ridge runs in a North-South direction bisecting the School District between Londonderry Township and Cumberland Valley Township.

Several main arteries traverse the School District including Interstate Route 76 (the Pennsylvania Turnpike) and Interstate Route 70 traveling in East-West directions; Interstate Route 99 / U.S. Route 220 (Bedford Valley Road) traveling in a North-South direction; U.S. Route 30 (Lincoln Highway); also PA Route 56, PA Route 96 (Hyndman Road), and PA Route 326.

DISTRICT OVERVIEW

Bedford County School Districts - County Map

Map 2 illustrates the School Districts located in Bedford County. Map source is the Bedford County Comprehensive Plan.



DISTRICT OVERVIEW

Population

The School District Population age percentages based on the 2000 U.S. Census: 5% of residents are Pre-school age children 0 to 4 years; 16% of residents are School age children 5 to 17 years; 59% of residents are Adults age 18 to 64 years; and 20% of residents are Adults age 65+ years.

Table 2 profiles the School District population and percentages by age groupings. The Data is based on the 2000 U.S. Census.

TABLE 2 Population	Number of Residents	Percentage of Residents
Pre-school children 0 to 4 years	911	5%
School age children 5 to 17 years	2,703	16%
Adults 18 to 64 years	9,917	59%
Adults 65+ years	3,359	20%
School District Total	16,890	100%

Population Density

The School District serves an approximate population of 16,890 residents within 292.46 square miles, and is primarily a rural agricultural area. The approximate average Population Density of the School District is 58 persons per square mile, while the Household Average Density is 27 households per square mile.

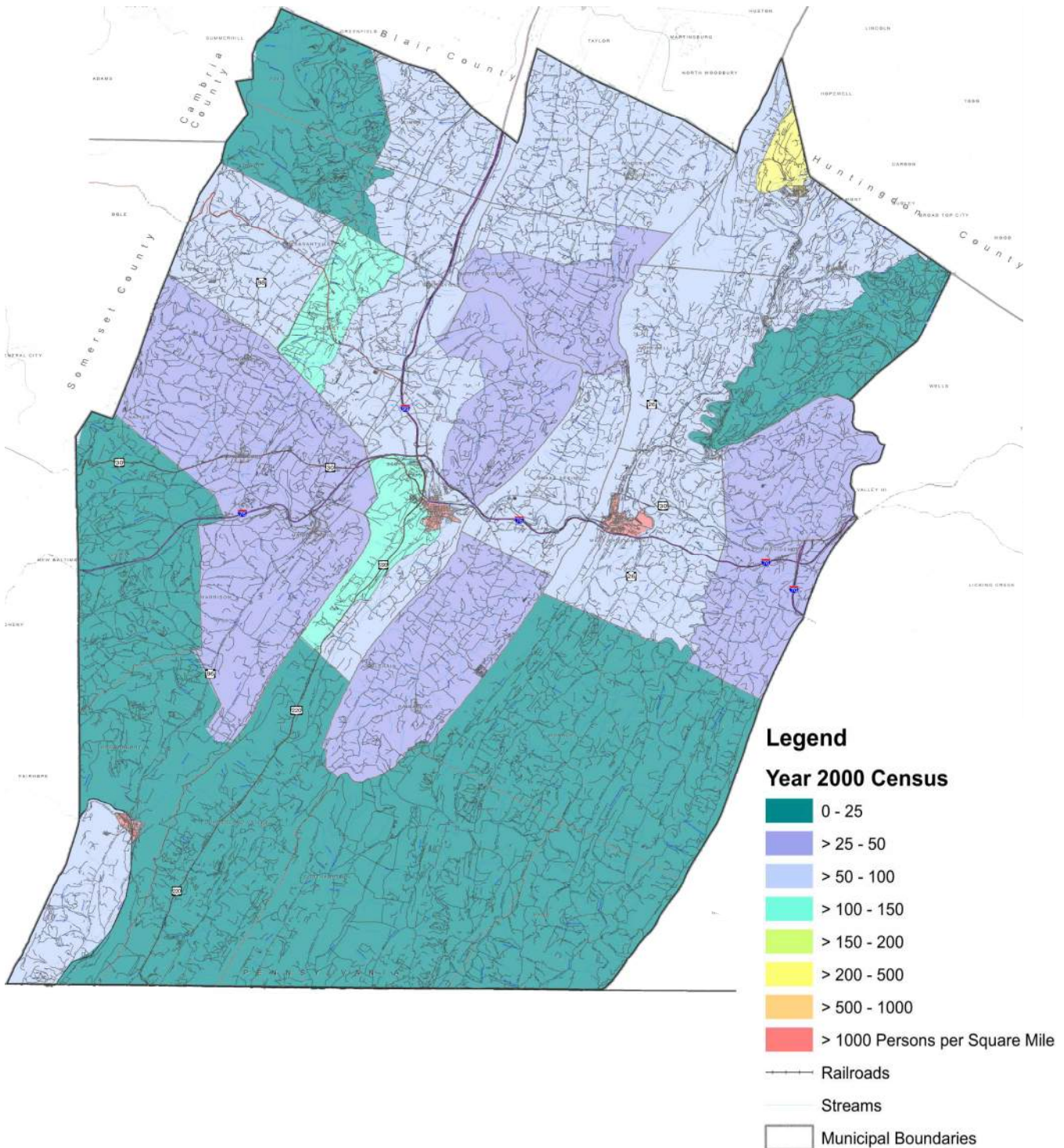
Table 3 profiles the population density of each municipality. The Data is based on the 2000 U.S. Census. Refer to Map 3 for a graphic illustration of the Bedford County Population Density.

TABLE 3 Population Density	Total Area sq. mi.	Number of Residents	Number of Households	No. of Housing Units	Population Density per sq. mi.	Household Avg. Density per sq. mi.
Bedford Borough	1.07	3,141	1,536	1,640	2,938.3	1,436.9
Bedford Township	68.60	5,417	2,144	2,403	79.0	31.3
Colerain Township	42.60	1,147	435	483	26.9	10.2
Cumberland Valley Twp	60.50	1,494	596	710	24.7	9.9
Harrison Township	38.00	1,007	385	600	26.5	10.1
Manns Choice Borough	0.54	291	116	124	543.9	216.8
Rainsburg Borough	0.16	146	57	66	924.1	360.8
Snake Spring Twp	25.90	1,482	552	652	57.2	21.3
Hyndman Borough	0.70	1,005	413	448	1,446.0	594.2
Londonderry Twp	54.40	1,760	685	799	32.4	12.6
School District Total	292.46	16,890	6,919	7,925	58	27

DISTRICT OVERVIEW

Bedford County Population Density - County Map

Map 3 illustrates the Bedford County Population per square mile. Map source is the Bedford County Comprehensive Plan.



DISTRICT OVERVIEW

Population Distribution by Rural and Urban Land Use

The majority of the School District's population lives in Rural Non-Farm areas.

The School District is approximately 73.0% Rural, with 70.2% of the population classified as Rural Non-Farm, and 2.8% of the population classified as Rural Farm. The remaining 27% of the District's population is classified as Urban.

Table 4 profiles the Number and Percentage totals of existing land use in the following categories: Urban and Rural including Farm and Non-Farm for each Municipality that comprise the Bedford Area School District. The Data is based on the Bedford County Comprehensive Plan. Refer to Map 4 for a graphic illustration of the Bedford County Existing Land Use. Definitions of Urban and Rural are listed below.

TABLE 4 Urban & Rural Population Land Use	Total Area sq. mi.	Total Popul.	Urban		Rural			
					Farm		Non-Farm	
			No.	%	No.	%	No.	%
Bedford Borough	1.1	3,141	3,141	100.0%	0	0.0%	0	0.0%
Bedford Township	68.6	5,417	1,368	25.3%	146	2.7%	3,903	2.7%
Colerain Township	42.6	1,142	0	0.0%	123	10.8%	1,019	10.8%
Cumberland Valley Twp	60.5	1,494	0	0.0%	34	2.3%	1,460	2.3%
Harrison Township	38.0	989	0	0.0%	56	5.7%	933	5.7%
Manns Choice Borough	0.5	309	0	0.0%	14	4.5%	295	4.5%
Rainsburg Borough	0.2	151	0	0.0%	0	0.0%	151	0.0%
Snake Spring Twp	25.9	1,482	31	2.1%	44	3.0%	1,407	3.0%
Hyndman Borough	0.7	990	0	0.0%	0	0.0%	990	0.0%
Londonderry Twp	54.4	1,775	17	1.0%	63	3.5%	1,695	3.5%
School District Total	292.5	16,890	4,557	27.0%	480	2.8%	11,853	70.2%

The 2000 U.S. Census introduced a new definition of Urban. The U.S. Census Bureau classifies as urban all territory, population, and housing units located within urbanized areas (UAs) and urban clusters (UCs). An urbanized area (UA) consists of densely settled territory that contains 50,000 or more people. An urban cluster (UC) consists of densely settled territory that has at least 2,500 people but fewer than 50,000 people.

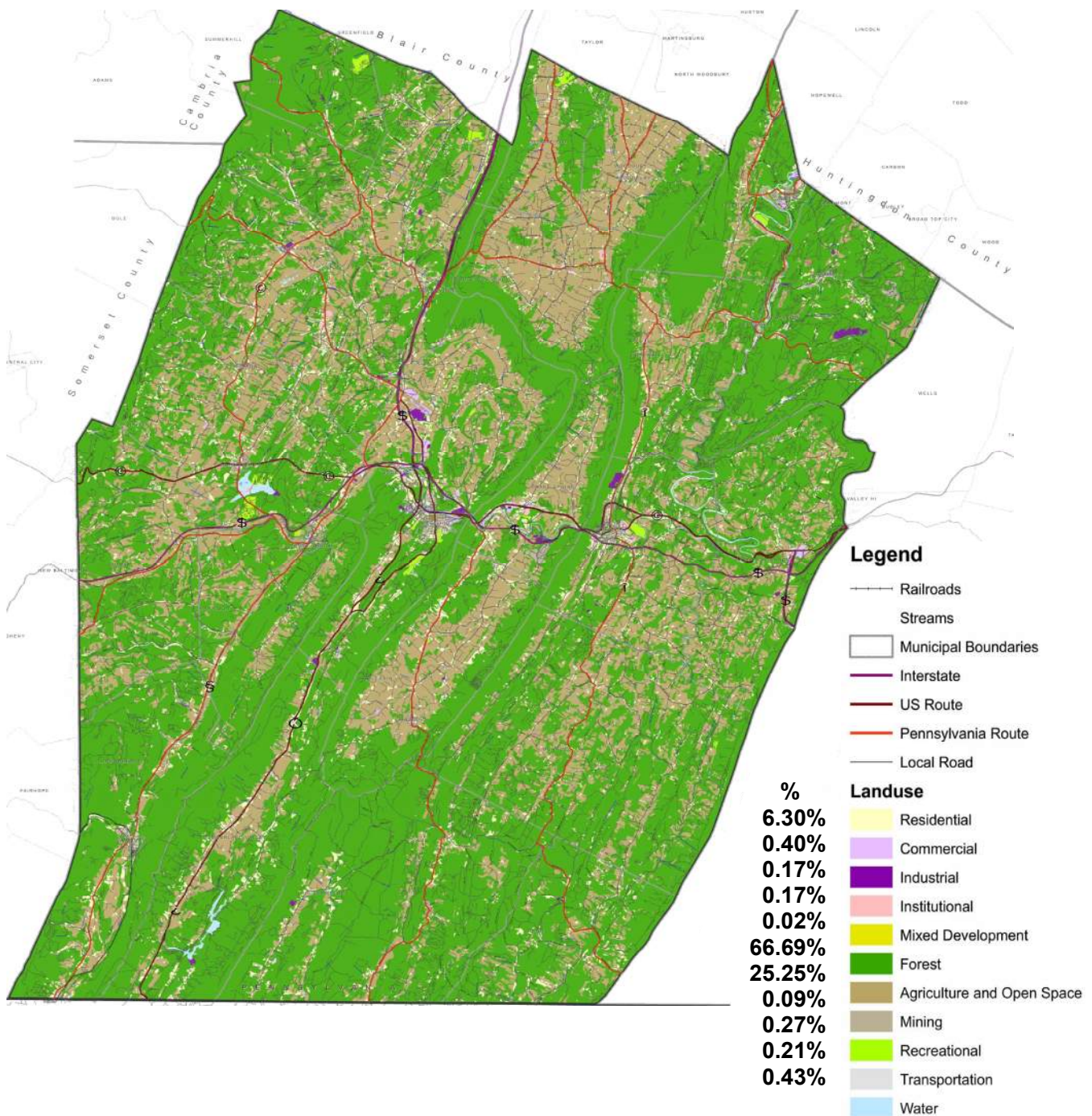
Urban delineates UA and UC boundaries to encompass densely settled territory, which generally consists of: A cluster of one or more block groups or census blocks each of which has a population density of at least 1,000 people per square mile at the time; and Surrounding block groups and census blocks each of which has a population density of at least 500 people per square mile at the time; and Less densely settled blocks that form enclaves or indentations, or are used to connect discontinuous areas with qualifying densities.

"Rural consists of all territory, population, and housing units located outside of UAs and UCs.

DISTRICT OVERVIEW

Bedford County Existing Land Use - County Map

Map 4 illustrates the Existing Land Use in Bedford County. Map and information source is the Bedford County Comprehensive Plan. Bedford County is approximately 1071.07 square miles in area or 685,482.85 acres in size of which only 7.26% was developed in 2000. The land use categories and approximate percentages of Bedford County's total land area are listed below.



DISTRICT OVERVIEW

Housing Characteristics

Tables 5-6 profile the Housing Characteristics of each Municipality that comprise the Bedford Area School District. The Data is based on the 2000 U.S. Census.

Table 5 profiles the Year that Housing Structures were built in the School District and by each Municipality. The data represents Total Housing Units including occupied and unoccupied units.

TABLE 5 Year Structure Built	1939 or Earlier	1940 to 1959	1960 to 1979	1980 to 1989	1990 to 1994	1995 to March 2000
Bedford Borough	759	380	356	44	26	75
Bedford Township	520	505	630	342	200	206
Colerain Township	171	43	114	75	38	42
Cumberland Valley Twp	170	165	208	73	35	59
Harrison Township	182	90	153	59	43	69
Manns Choice Borough	69	24	22	4	0	9
Rainsburg Borough	41	11	11	1	2	0
Snake Spring Twp	121	109	248	78	44	52
Hyndman Borough	249	31	88	42	24	10
Londonderry Twp	223	120	264	115	36	45
School District Total	2,505	1,478	2,094	833	448	567
School District % Total	31.6%	18.6%	26.4%	10.5%	5.7%	7.2%

Table 6 profiles the Year that the Householder moved into the Housing Unit in the School District and by each Municipality. The data represents Total Occupied Housing Units.

TABLE 6 Year Householder Moved into Unit	1969 or Earlier	1970 to 1979	1980 to 1989	1990 to 1994	1995 to 1998	1999 to March 2000
Bedford Borough	216	163	172	177	490	318
Bedford Township	402	325	349	364	508	196
Colerain Township	78	59	102	68	80	50
Cumberland Valley Twp	127	75	127	86	124	57
Harrison Township	70	43	65	75	88	41
Manns Choice Borough	20	12	22	17	31	17
Rainsburg Borough	19	12	6	2	6	10
Snake Spring Twp	112	101	119	64	102	54
Hyndman Borough	87	70	77	71	67	37
Londonderry Twp	180	103	150	88	121	47
School District Total	1,311	963	1,189	1,012	1,617	827
School District % Total	18.9%	13.9%	17.2%	14.6%	23.4%	12.0%

DISTRICT OVERVIEW

Economic Characteristics

Tables 7-8 profile the Economic Characteristics of each Municipality that comprise the Bedford Area School District. The Data is based on the 2000 U.S. Census.

Table 7 profiles Median Household Income, Median Family Income, Per Capita Income, the percentage of Families and Individuals below the Poverty Level, also the Median House Value.

TABLE 7 Economic Characteristics	Median Household Income	Median Family Income	Per Capita Income	% Below Poverty Level		Median House Value
				Family	Population	
Bedford Borough	\$28,549	\$39,122	\$18,028	8.5%	11.9%	\$90,000
Bedford Township	\$36,395	\$43,235	\$18,676	5.3%	6.5%	\$99,200
Colerain Township	\$34,911	\$40,875	\$18,149	7.3%	11.0%	\$84,800
Cumberland Valley Twp	\$35,268	\$40,060	\$17,768	6.7%	9.8%	\$76,500
Harrison Township	\$35,000	\$37,552	\$16,182	3.7%	7.3%	\$77,100
Manns Choice Borough	\$31,500	\$36,042	\$13,533	6.7%	8.8%	\$65,000
Rainsburg Borough	\$25,278	\$31,875	\$11,448	5.1%	7.6%	\$63,100
Snake Spring Twp	\$36,389	\$38,289	\$16,801	4.4%	6.3%	\$96,700
Hyndman Borough	\$27,700	\$34,792	\$15,865	7.7%	10.5%	\$54,800
Londonderry Twp	\$31,389	\$36,445	\$13,951	9.0%	10.2%	\$75,700
Average Total	\$32,238	\$37,829	\$16,040	6.4%	9.0%	\$78,290

Table 8 profiles the Occupation of employed civilian population age 16 years and over.

TABLE 8 Occupation	Managemt. & Professional	Service Occupations	Sales & Office	Farming, Fishing & Forestry	Construct., Extraction & Mainten.	Production, Transport. & Mat'l Moving
Bedford Borough	536	187	346	5	98	291
Bedford Township	693	241	729	23	220	541
Colerain Township	133	65	97	12	76	152
Cumberland Valley Twp	170	78	128	10	105	160
Harrison Township	89	63	95	6	36	133
Manns Choice Borough	22	32	22	2	24	49
Rainsburg Borough	12	9	16	0	7	21
Snake Spring Twp	165	133	151	2	68	171
Hyndman Borough	54	74	105	4	49	103
Londonderry Twp	141	134	156	7	91	246
School District Total	2,015	1,016	1,845	71	774	1,867
School District % Total	26.6%	13.4%	24.3%	0.9%	10.2%	24.6%

DISTRICT OVERVIEW

Population Characteristics

The following data profiles Population Characteristics of each Municipality that comprise the Bedford Area School District. The Data is based on the 2000 U.S. Census.

Total population: 48.8% Male
51.2% Female

Population over 25 years of age: 80.0% have a High School Degree or higher
13.0% have a Bachelor Degree or higher

Population over 16 years of age: 58.4% are in the Labor Force
54.9% commute to work
Mean travel time to work is 26.2 minutes

The racial makeup of the School District in 2000 was 98.1% White, 0.6% African American, 0.1% Native American, 0.4% Asian, 0.0% Pacific Islander, 0.2% Other Races, and 0.6% from two or more races. Hispanic or Latino of any race were 0.6% of the population.

Table 9 profiles the General Characteristics of each Municipality based on the 2000 U.S. Census.

TABLE 9 General Characteristics	Total Popul.	Male Popul.	Female Popul.	25+ High Sch Degree or Higher	25+ Bachelor Degree or Higher	Popul. 16+ in Labor Force	Popul. 16+ Travel to Work	Mean Travel Time to Work
Bedford Borough	3,141	1,403	1,738	1,959	495	1,513	1,438	16.9
Bedford Township	5,417	2,693	2,724	3,152	501	2,564	2,436	19.7
Colerain Township	1,142	576	571	641	74	559	532	25.9
Cumberland Valley Twp	1,494	773	721	846	119	704	639	32.4
Harrison Township	989	515	492	534	115	439	406	27.3
Manns Choice Borough	309	134	157	149	8	160	148	23.8
Rainsburg Borough	151	69	77	76	11	69	65	27.0
Snake Spring Twp	1,482	715	767	870	138	717	685	23.6
Hyndman Borough	990	477	528	522	38	412	377	36.7
Londonderry Twp	1,775	890	870	940	71	842	766	28.9
School District Total	16,890	8,245	8,645	9,689	1,570	7,979	7,492	26.2
School Dist. % Total	100%	48.8%	51.2%	80.0%	13.0%	58.4%	54.9%	

PART II
DEMOGRAPHICS

DEMOGRAPHIC EXPLORATION INTRODUCTION

This section of the Feasibility Study is divided into two parts. Part A explores demographic data for the *General Population and the resulting effects on the Student Population* of the Bedford Area School District including: Population Information; Household Information; Housing Unit Developments; and Live Birth Data. Part B explores demographic data that focuses on the *Student Population* of the School District including: Projected Student Enrollment Data; Building Capacity Data; Student Enrollment vs. Building Capacity Data; as well as Educational Program Information.

Demographic projections are the basis for making decisions concerning the establishment of facilities, both existing and new. Recognizing that the intent of a school district's physical plan is to house students for the purpose of education, appropriate criteria must be used to determine those projections. Student enrollment projections for this study were supplied by the Department of Education, the School District, and EI Associates. This data also was used to generate future building requirements.

The Projected Student Enrollment Tables show the student enrollment projections by grade level, by grade grouping, and by year. Future student enrollment has been computed from known live births and interpolated, where necessary, using the cohort survival methodology. The cohort survival method has a record of reliability in relatively stable districts (what has occurred in the past will, to a large extent, continue to occur). However, changes can occur in birth trends, in-migration patterns, internal policies, economic climate, zoning and land use controls, infrastructure considerations, and interest rates that may affect projections. Thus, influencing factors must be monitored and analyzed every year by the school district. Significant changes, therefore, can be quickly identified and appropriate adjustments made.

It is not only the number of students that affects the capability of adequate facilities. The educational program also must be analyzed. Other factors that may affect the ability of the existing facilities to meet the needs of the educational program are:

1. Full-day Kindergarten and Pre-Kindergarten
2. Grade groupings to remain
3. Future trends in special education
4. Trends in technology-based education
5. Desired classroom size as noted in study

General and Student Population**Population**

The following data, based on the 1990 and 2000 U.S. Census, illustrates a net increase in the Total Population as well as Adults age 18-64 years and Adults ages 65+ years; and a net decrease in Pre-school age children 0-4 years and School age children 5-17 years.

Households

The following data, based on the 1990 and 2000 U.S. Census, illustrates a net increase in the Total Housing Units as well as Occupied Housing Units, Owner Occupied Units, and Renter Occupied Units; and a net decrease in Vacant Housing Units and Persons Per Household.

The overall Total Housing Units shows an increase of 403 units or 5.36% from 1990 to 2000; and an increase of 469 units or 5.92% from 2000 to 2007.

Housing Unit Developments

There is the potential availability of land for development within the School District. Available Data for Housing Unit Developments collected from the municipalities and other sources illustrates a modest amount of planned development within the School District.

Live Birth Data

The Live Birth Data, based on information from the Pennsylvania Department of Education, illustrates a net decrease in the number of children entering Kindergarten and First Grade compared to the number of Births. When comparing Live Births to current PDE projections, immigration occurs in Fifth, Sixth, Seventh, Eighth and Ninth grades.

Students not included in Enrollment Projections

In 2007-2008, a Total of 199 students or 9% of students are not attending District Schools. 76 students attend private schools; 23 students are special needs and special education students placed outside the District; 10 are Residentail Facility/Treatment students; 49 are home schooled students; and 41 are Charter / Cyber School students.

General and Student Population

Students per Household

In 2000, there were 2,703 School age children residing in the School District with 2,357 children or 87% attending the Bedford Area School District and 346 children or 13% not attending the District Schools.

In 2000, the percentage of School age children per Total Housing Units was 0.34, while the percentage of Students per Total Housing Units attending the Bedford Area School District was 0.30.

Based on current available housing data, the percentage of Students per Total Housing Units attending the Bedford Area School District for the 2007-08 School year was 0.28.

Data Summary

While there has been an increase in both the Total Population and Total Housing Units, the number of Persons per Household has decreased. The increase in population is occurring in residents age 18-64 and 65+ years, indicating that while the district is experiencing growth, it is also experiencing an aging population.

There is a modest potential for population growth within the School District by both new Housing Unit Developments and the current vacant housing units.

Assumptions

Available Data for Housing Unit Developments collected from the municipalities and other sources illustrates approximately 240 potential new Housing Units. There also are approximately 1,006 Vacant Housing Units. Given the current rate of 0.28 students per household attending the District Schools, this would equate to an additional *68 students* in new Housing Units. If half of the Vacant Housing Units also are occupied, then given the current rate of 0.28 students per household attending the District Schools, this would equate to an additional *142 students* in the Vacant Housing Units.

Ten year Assumption

Given the assumption that the timeframe for the additional students is ten years that would equate to approximately 210 students / 10 years. Therefore, an additional *21 students per year* would attend the District Schools.

Five year Assumption

Given the assumption that the timeframe for the additional students is five years that would equate to approximately 210 students / 5 years. Therefore, an additional *42 students per year* would attend the District Schools.

Population Information

Tables 10-16 profile the Population of each Municipality that comprise the Bedford Area School District. The Data is based on the U.S. Census. The Tables illustrate a net increase in the Total Population as well as Adults age 18-64 years and Adults ages 65+ years. The Tables illustrate a net decrease in Pre-school age children 0-4 years and School age children 5-17 years. The 2000 Census data indicates that the median age is 42.4.

Table 10 profiles data from the 1990 Census and **Table 11** profiles data from the 2000 Census. The Tables profile Total Population as well as various age groupings including: Pre-school age children 0-4 years; School age children 5-17 years; Adults age 18-64 years; and Adults age 65+ years.

TABLE 10 1990 U.S. Census	Total Population	Age 0-4 Yrs.	Age 5-17 Yrs.	Age 18-64 Yrs.	Age 65+ Yrs.	
Bedford Borough	3,137	146	451	1,805	735	
Bedford Township	4,945	296	864	2,993	792	
Colerain Township	1,058	74	219	632	133	
Cumberland Valley Twp	1,473	78	288	870	237	
Harrison Township	967	57	171	548	191	
Manns Choice Borough	249	14	42	150	43	
Rainsburg Borough	175	11	32	88	44	
Snake Spring Twp	1,511	79	253	889	290	
Hyndman Borough	1,019	51	167	599	202	
Londonderry Twp	1,893	122	349	1,163	259	
School District Total	16,427	928	2,836	9,737	2,926	
School Dist. % Total	100%	6%	17%	59%	18%	

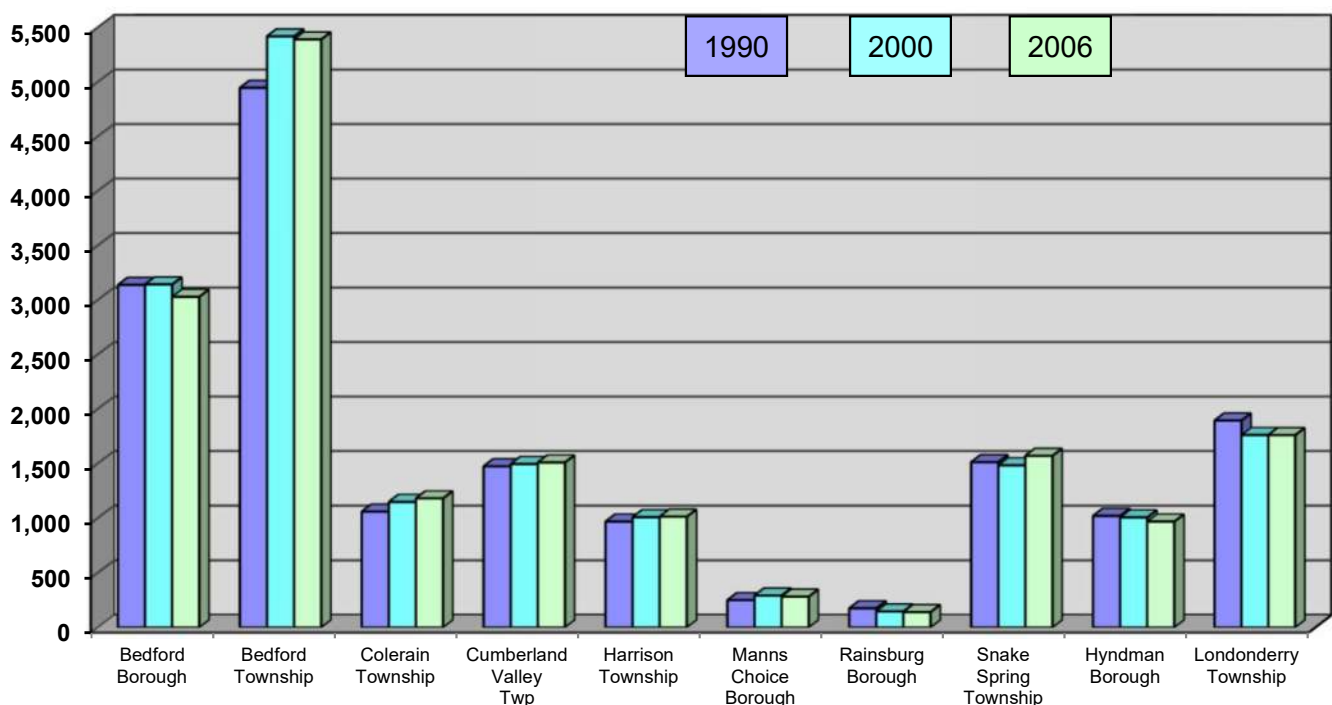
TABLE 11 2000 U.S. Census	Total Population	Age 0-4 Yrs.	Age 5-17 Yrs.	Age 18-64 Yrs.	Age 65+ Yrs.	Median Age
Bedford Borough	3,141	155	437	1,834	715	43.4
Bedford Township	5,417	288	865	3,183	1,081	41.3
Colerain Township	1,147	62	192	707	186	41.4
Cumberland Valley Twp	1,494	70	275	906	243	40.8
Harrison Township	1,007	61	181	569	196	40.9
Manns Choice Borough	291	18	64	170	39	36.4
Rainsburg Borough	146	4	23	73	46	54.0
Snake Spring Twp	1,482	76	204	852	350	44.8
Hyndman Borough	1,005	65	178	547	215	40.6
Londonderry Twp	1,760	112	284	1,076	288	40.2
School District Total	16,890	911	2,703	9,917	3,359	42.4
School Dist. % Total	100%	5%	16%	59%	20%	

Population Information

Table 12 profiles the Total population of each municipality for the Census years 1990 and 2000 as well as Population Estimates for the year 2006. (Data Source: U.S. Census) **The overall Total Population shows an increase of 463 persons or 2.8% from 1990 to 2000; and a projected decrease of 58 persons or 0.3% from 2000 to 2006.**

TABLE 12 Total Population	1990 Actual Total Popul.	2000 Actual Total Popul.	Value Change 1990 to 2000	% Change 1990 to 2000	2006 Estim. Total Popul.	Value Change 2000 to 2006	% Change 2000 to 2006
Bedford Borough	3,137	3,141	4	0.1%	3,028	-113	-3.6%
Bedford Township	4,945	5,417	472	9.5%	5,389	-28	-0.5%
Colerain Township	1,058	1,147	89	8.4%	1,179	32	2.8%
Cumberland Valley Twp	1,473	1,494	21	1.4%	1,508	14	0.9%
Harrison Township	967	1,007	40	4.1%	1,012	5	0.5%
Manns Choice Borough	249	291	42	16.9%	281	-10	-3.4%
Rainsburg Borough	175	146	-29	-16.6%	140	-6	-4.1%
Snake Spring Twp	1,511	1,482	-29	-1.9%	1,569	87	5.9%
Hyndman Borough	1,019	1,005	-14	-1.4%	967	-38	-3.8%
Londonderry Twp	1,893	1,760	-133	-7.0%	1,759	-1	-0.1%
School Dist.Total	16,427	16,890	463	2.8%	16,832	-58	-0.3%

TABLE 12 - CHART A



Population Information

Table 13 profiles the Pre-school age children 0-4 years population of each municipality. Bedford Borough, Harrison Township, Hyndman Borough, and Manns Choice Borough show an increase in 0-4 years population; while Bedford Township, Colerain Township, Cumberland Valley Township, Londonderry Township, Rainsburg Borough and Snake Spring Township show a decrease in 0-4 years population. **The overall 0-4 years population shows a decrease of 17 children or 1.83%.**

TABLE 13 Age 0-4 Years	1990 0-4 Years	2000 0-4 Years	Value Change	% Change
Bedford Borough	146	155	9	6.16%
Bedford Township	296	288	-8	-2.70%
Colerain Township	74	62	-12	-16.22%
Cumberland Valley Twp	78	70	-8	-10.26%
Harrison Township	57	61	4	7.02%
Manns Choice Borough	14	18	4	28.57%
Rainsburg Borough	11	4	-7	-63.64%
Snake Spring Twp	79	76	-3	-3.80%
Hyndman Borough	51	65	14	27.45%
Londonderry Twp	122	112	-10	-8.20%
School District Total	928	911	-17	-1.83%

Table 14 profiles the School age children 5-17 years population of each municipality. Bedford Township, Harrison Township, Hyndman Borough, and Manns Choice Borough show an increase in 5-17 years population; while Bedford Borough, Colerain Township, Cumberland Valley Township, Londonderry Township, Rainsburg Borough, and Snake Spring Township show a decrease in 5-17 years population. **The overall 5-17 years population shows a decrease of 133 children or 4.69%.**

TABLE 14 Age 5-17 Years	1990 5-17 Years	2000 5-17 Years	Value Change	% Change
Bedford Borough	451	437	-14	-3.10%
Bedford Township	864	865	1	0.12%
Colerain Township	219	192	-27	-12.33%
Cumberland Valley Twp	288	275	-13	-4.51%
Harrison Township	171	181	10	5.85%
Manns Choice Borough	42	64	22	52.38%
Rainsburg Borough	32	23	-9	-28.13%
Snake Spring Twp	253	204	-49	-19.37%
Hyndman Borough	167	178	11	6.59%
Londonderry Twp	349	284	-65	-18.62%
School District Total	2,836	2,703	-133	-4.69%

Population Information

Table 15 profiles the Adults age 18-64 years population of each municipality. Bedford Borough, Bedford Township, Colerain Township, Cumberland Valley Township, Harrison Township, and Manns Choice Borough show an increase in 18-64 years population; while Hyndman Borough, Londonderry Township, Rainsburg Borough, and Snake Spring Township show a decrease in 18-64 years population. **The overall 18-64 years population shows an increase of 180 Adults or 1.85%.**

TABLE 15 Age 18-64 Years	1990 18-64 Years	2000 18-64 Years	Value Change	% Change
Bedford Borough	1,805	1,834	29	1.61%
Bedford Township	2,993	3,183	190	6.35%
Colerain Township	632	707	75	11.87%
Cumberland Valley Twp	870	906	36	4.14%
Harrison Township	548	569	21	3.83%
Manns Choice Borough	150	170	20	13.33%
Rainsburg Borough	88	73	-15	-17.05%
Snake Spring Twp	889	852	-37	-4.16%
Hyndman Borough	599	547	-52	-8.68%
Londonderry Twp	1,163	1,076	-87	-7.48%
School District Total	9,737	9,917	180	1.85%

Table 16 profiles the Adults age 65+ years population of each municipality. Bedford Township, Colerain Township, Cumberland Valley Township, Harrison Township, Hyndman Borough, Londonderry Township, Rainsburg Borough, and Snake Spring Township show an increase in 65+ years population; while Bedford Borough and Manns Choice Borough shows a decrease in 65+ years population. **The overall 65+ years population shows an increase of 433 Adults or 14.80%.**

TABLE 16 Age 65+ Years	1990 65+ Years	2000 65+ Years	Value Change	% Change
Bedford Borough	735	715	-20	-2.72%
Bedford Township	792	1,081	289	36.49%
Colerain Township	133	186	53	39.85%
Cumberland Valley Twp	237	243	6	2.53%
Harrison Township	191	196	5	2.62%
Manns Choice Borough	43	39	-4	-9.30%
Rainsburg Borough	44	46	2	4.55%
Snake Spring Twp	290	350	60	20.69%
Hyndman Borough	202	215	13	6.44%
Londonderry Twp	259	288	29	11.20%
School District Total	2,926	3,359	433	14.80%

Household Information

Tables 17-24 profile the Household data of each Municipality that comprise the Bedford Area School District. The Data is based on the U.S. Census. The Tables illustrate a net increase in the Total Housing Units as well as Occupied Housing Units, Owner Occupied Units, and Renter Occupied Units. The Tables illustrate a net decrease in Vacant Housing Units and Persons Per Household.

Table 17 profiles data from the 1990 Census and **Table 18** profiles data from the 2000 Census. The Tables profile the Total Housing Units and Occupied Housing Units, as well as Owner Occupied Units, Renter Occupied Units, Vacant Housing Units and Persons Per Household.

TABLE 17 Housing Units 1990 U.S. Census	Total Housing Units	Occupied Housing Units	Owner Occupied Units	Renter Occupied Units	Vacant Housing Units	Persons Per Household
Bedford Borough	1,579	1,461	818	643	118	2.11
Bedford Township	2,292	1,887	1,547	340	405	2.58
Colerain Township	419	366	313	53	53	2.88
Cumberland Valley Twp	630	541	472	69	89	2.72
Harrison Township	560	354	288	66	206	2.64
Manns Choice Borough	117	100	81	19	17	2.49
Rainsburg Borough	64	58	46	12	6	2.71
Snake Spring Twp	630	506	425	81	124	2.73
Hyndman Borough	445	427	319	108	18	2.39
Londonderry Twp	786	698	592	106	88	2.71
School District Total	7,522	6,398	4,901	1,497	1,124	2.60

TABLE 18 Housing Units 2000 U.S. Census	Total Housing Units	Occupied Housing Units	Owner Occupied Units	Renter Occupied Units	Vacant Housing Units	Persons Per Household
Bedford Borough	1,640	1,536	798	738	104	2.04
Bedford Township	2,403	2,144	1,781	363	259	2.43
Colerain Township	483	435	372	63	48	2.64
Cumberland Valley Twp	710	596	520	76	114	2.51
Harrison Township	600	385	325	60	215	2.55
Manns Choice Borough	124	116	92	24	8	2.51
Rainsburg Borough	66	57	45	12	9	2.23
Snake Spring Twp	652	552	493	59	100	2.49
Hyndman Borough	448	413	328	85	35	2.43
Londonderry Twp	799	685	585	100	114	2.55
School District Total	7,925	6,919	5,339	1,580	1,006	2.44

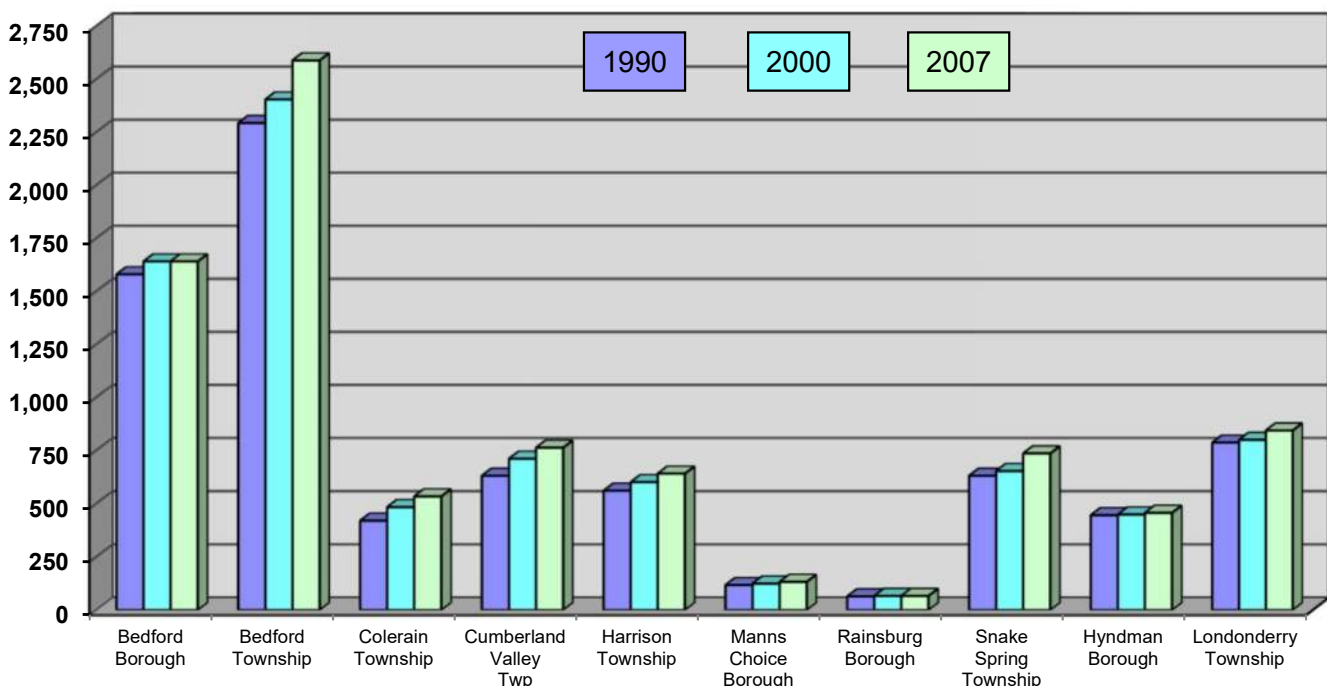
Household Information

Table 19 profiles the Total Housing Units of each municipality for the Census years 1990 and 2000; as well as Housing Units built since 2000 by data collected from the municipalities. **The overall Total Housing Units shows an increase of 403 units or 5.36% from 1990 to 2000; and an increase of 469 units or 5.92% from 2000 to 2007.**

TABLE 19	1990 Total Housing Units	2000 Total Housing Units	Value Change 1990 to 2000	% Change 1990 to 2000	2007 Total Housing Units	Value Change 2000 to 2007	% Change 2000 to 2007
Total Housing Units							
Bedford Borough *	1,579	1,640	61	3.86%	1,640	0	0.00%
Bedford Township	2,292	2,403	111	4.84%	2,587	184	7.66%
Colerain Township	419	483	64	15.27%	533	50	10.35%
Cumberland Valley Twp	630	710	80	12.70%	762	52	7.32%
Harrison Township	560	600	40	7.14%	640	40	6.67%
Manns Choice Borough	117	124	7	5.98%	132	8	6.45%
Rainsburg Borough	64	66	2	3.13%	66	0	0.00%
Snake Spring Twp	630	652	22	3.49%	735	83	12.73%
Hyndman Borough	445	448	3	0.67%	456	8	1.79%
Londonderry Twp	786	799	13	1.65%	843	44	5.51%
School District Total	7,522	7,925	403	5.36%	8,394	469	5.92%

* Housing information was not received from respective municipality.

TABLE 19 - CHART A



Household Information

Table 20 profiles the Occupied Housing Units of each municipality. Bedford Borough, Bedford Township, Colerain Township, Cumberland Valley Township, Harrison Township, Manns Choice Borough and Snake Spring Township show an increase in occupied Housing Units; while Hyndman Borough, Londonderry Township and Rainsburg Borough show a decrease in Occupied Housing Units. **The overall Occupied Housing Units shows an increase of 521 units or 8.14%**

TABLE 20 Occupied Housing Units	1990 Occupied Housing Units	2000 Occupied Housing Units	Value Change	% Change
Bedford Borough	1,461	1,536	75	5.13%
Bedford Township	1,887	2,144	257	13.62%
Colerain Township	366	435	69	18.85%
Cumberland Valley Twp	541	596	55	10.17%
Harrison Township	354	385	31	8.76%
Manns Choice Borough	100	116	16	16.00%
Rainsburg Borough	58	57	-1	-1.72%
Snake Spring Twp	506	552	46	9.09%
Hyndman Borough	427	413	-14	-3.28%
Londonderry Twp	698	685	-13	-1.86%
School District Total	6,398	6,919	521	8.14%

Table 21 profiles the Owner Occupied Units of each municipality. Bedford Township, Colerain Township, Cumberland Valley Township, Harrison Township, Hyndman Borough, Manns Choice Borough and Snake Spring Township show an increase of Owner Occupied Units; while Bedford Borough, Londonderry Township and Rainsburg Borough show a decrease of Owner Occupied Units. **The overall Owner Occupied Units shows an increase of 438 units or 8.94%.**

TABLE 21 Owner Occupied Units	1990 Owner Occupied Units	2000 Owner Occupied Units	Value Change	% Change
Bedford Borough	818	798	-20	-2.44%
Bedford Township	1,547	1,781	234	15.13%
Colerain Township	313	372	59	18.85%
Cumberland Valley Twp	472	520	48	10.17%
Harrison Township	288	325	37	12.85%
Manns Choice Borough	81	92	11	13.58%
Rainsburg Borough	46	45	-1	-2.17%
Snake Spring Twp	425	493	68	16.00%
Hyndman Borough	319	328	9	2.82%
Londonderry Twp	592	585	-7	-1.18%
School District Total	4,901	5,339	438	8.94%

Household Information

Table 22 profiles the Renter Occupied Units of each municipality. Bedford Borough, Bedford Township, Colerain Township, Cumberland Valley Township, and Manns Choice Borough show an increase of Renter Occupied Units; while Harrison Township, Hyndman Borough, Londonderry Township and Snake Spring Township show a decrease of Renter Occupied Units. **The overall Renter Occupied Units shows an increase of 83 units or 5.54%.**

TABLE 22 Renter Occupied Units	1990 Renter Occupied Units	2000 Renter Occupied Units	Value Change	% Change
Bedford Borough	643	738	95	14.77%
Bedford Township	340	363	23	6.76%
Colerain Township	53	63	10	18.87%
Cumberland Valley Twp	69	76	7	10.14%
Harrison Township	66	60	-6	-9.09%
Manns Choice Borough	19	24	5	26.32%
Rainsburg Borough	12	12	0	0.00%
Snake Spring Twp	81	59	-22	-27.16%
Hyndman Borough	108	85	-23	-21.30%
Londonderry Twp	106	100	-6	-5.66%
School District Total	1,497	1,580	83	5.54%

Table 23 profiles the Vacant Housing Units of each municipality. Cumberland Valley Township, Harrison Township, Hyndman Borough, Londonderry Township, and Rainsburg Borough show an increase of Vacant Housing Units; while Bedford Borough, Bedford Township, Colerain Township, Manns Choice Borough, and Snake Spring Township show a decrease of Vacant Housing Units. **The overall Vacant Housing Units shows a decrease of 118 units or 10.50%.**

TABLE 23 Vacant Housing Units	1990 Vacant Housing Units	2000 Vacant Housing Units	Value Change	% Change
Bedford Borough	118	104	-14	-11.86%
Bedford Township	405	259	-146	-36.05%
Colerain Township	53	48	-5	-9.43%
Cumberland Valley Twp	89	114	25	28.09%
Harrison Township	206	215	9	4.37%
Manns Choice Borough	17	8	-9	-52.94%
Rainsburg Borough	6	9	3	50.00%
Snake Spring Twp	124	100	-24	-19.35%
Hyndman Borough	18	35	17	94.44%
Londonderry Twp	88	114	26	29.55%
School District Total	1,124	1,006	-118	-10.50%

Household Information

Table 24 profiles the Persons Per Household of each municipality. Hyndman Borough and Manns Choice Borough show an increase of Persons Per Household; while Bedford Borough, Bedford Township, Colerain Township, Cumberland Valley Township, Harrison Township, Londonderry Township, Rainsburg Borough and Snake Spring Township show a decrease of Persons Per Household. **The Persons Per Household shows a decrease of 0.16 persons or 6.09%.**

TABLE 24 Persons Per Household	1990 Persons Per Household	2000 Persons Per Household	Value Change	% Change
Bedford Borough	2.11	2.04	-0.07	-3.32%
Bedford Township	2.58	2.43	-0.15	-5.81%
Colerain Township	2.88	2.64	-0.24	-8.33%
Cumberland Valley Twp	2.72	2.51	-0.21	-7.72%
Harrison Township	2.64	2.55	-0.09	-3.41%
Manns Choice Borough	2.49	2.51	0.02	0.80%
Rainsburg Borough	2.71	2.23	-0.48	-17.71%
Snake Spring Twp	2.73	2.49	-0.24	-8.79%
Hyndman Borough	2.39	2.43	0.04	1.67%
Londonderry Twp	2.71	2.55	-0.16	-5.90%
School District Total	2.60	2.44	-0.16	-6.09%

Housing Unit Developments

Tables 25-34 profile the approved and not approved Housing Unit Developments of each Municipality that comprise the Bedford Area School District. The Data is based on information obtained from the Municipalities.

TABLE 25A Bedford Borough Approved Subdivision Plans / Developments					
Development Name / Location	Type / Remarks	Planned	No. Units Approved		
		Total Units	Built	Under Constr.	Not Constr.
Barkley Manor Development ** ** Information obtained via Developer	Lots	20			20
TOTAL		20	0	0	20

TABLE 25B Bedford Borough Not Approved Subdivision Plans / Developments					
Development Name / Location	Type / Remarks	Planned	No. Units Approved		
		Total Units	Built	Under Constr.	Not Constr.
Barkley Manor Development ** ** Information obtained via Developer	Lots	4			
TOTAL		4	0	0	0

TABLE 26A Bedford Township Approved Subdivision Plans / Developments					
Development Name / Location	Type / Remarks	Planned	No. Units Approved		
		Total Units	Built	Under Constr.	Not Constr.
Church Hill Manor Dev. / Donahor Manor Rd.	Lots	42	8		34
State Police Barracks Development / Country Ridge Road	Lots	13	4		9
Arrowhead Acres Mobile Home Park / Cessna	Lots	59	4		55
TOTAL		55	12	0	43

TABLE 26B Bedford Township Not Approved Subdivision Plans / Developments					
Development Name / Location	Type / Remarks	Planned	No. Units Approved		
		Total Units	Built	Under Constr.	Not Constr.
Lankey Townhouse Dev. / Carberry Addition	Townhomes / Apts	17			
Laurel Wood Dev. / Along River Route 220					
Barkley Manor Development	Lots	61			
Barkley Manor Development	Townhomes / Apts	32			
TOTAL		110	0	0	0

DEMOGRAPHIC EXPLORATION**PART A****Housing Unit Developments**

TABLE 27A Colerain Township Approved Subdivision Plans / Developments					
Development Name / Location	Type / Remarks	Planned	No. Units Approved		
		Total Units	Built	Under Constr.	Not Constr.
None Approved					
TOTAL		0	0	0	0

TABLE 27B Colerain Township Not Approved Subdivision Plans / Developments					
Development Name / Location	Type / Remarks	Planned	No. Units Approved		
		Total Units	Built	Under Constr.	Not Constr.
Richard Koontz	Single Family Homes	4			
TOTAL		4	0	0	0

TABLE 28 Cumberland Valley Twp Approved Subdivision Plans / Developments					
Development Name / Location	Type / Remarks	Planned	No. Units Approved		
		Total Units	Built	Under Constr.	Not Constr.
None Planned					
TOTAL		0	0	0	0

TABLE 29 Harrison Township Approved Subdivision Plans / Developments					
Development Name / Location	Type / Remarks	Planned	No. Units Approved		
		Total Units	Built	Under Constr.	Not Constr.
None Planned					
TOTAL		0	0	0	0

TABLE 30 Manns Choice Borough Approved Subdivision Plans / Developments					
Development Name / Location	Type / Remarks	Planned	No. Units Approved		
		Total Units	Built	Under Constr.	Not Constr.
None Planned					
TOTAL		0	0	0	0

DEMOGRAPHIC EXPLORATION**PART A****Housing Unit Developments**

TABLE 31 Rainsburg Borough Approved Subdivision Plans / Developments					
Development Name / Location	Type / Remarks	Planned	No. Units Approved		
		Total Units	Built	Under Constr.	Not Constr.
None Planned					
TOTAL		0	0	0	0

TABLE 32 Snake Spring Twp Approved Subdivision Plans / Developments					
Development Name / Location	Type / Remarks	Planned	No. Units Approved		
		Total Units	Built	Under Constr.	Not Constr.
Cove Park Acre / off Rte. 326	Lots	16	7		9
Hawthorne Manor / 1st Left off Upper Snake Spring Rd. (SR1003)	Lots	40	32		8
Juniata Mills / Lutxille Rd. (SR2019)	Lots	75	33		42
TOTAL		131	72	0	59

TABLE 33 Hyndman Borough Approved Subdivision Plans / Developments					
Development Name / Location	Type / Remarks	Planned	No. Units Approved		
		Total Units	Built	Under Constr.	Not Constr.
None Planned					
TOTAL		0	0	0	0

TABLE 34 Londonderry Township Approved Subdivision Plans / Developments					
Development Name / Location	Type / Remarks	Planned	No. Units Approved		
		Total Units	Built	Under Constr.	Not Constr.
None Planned					
TOTAL		0	0	0	0

Live Birth Data

Tables 35-37 profile Live Birth data for the Bedford Area School District. The Data is based on information from the Pennsylvania Department of Education. The Tables illustrate a net decrease in the number of children entering Kindergarten and First Grade compared to the number of Births. When comparing Live Births to current PDE projections, immigration occurs in Fifth, Sixth, Seventh, Eighth and Ninth grades.

Table 35 profiles the number of Births from the years 1997 through the years 2011. The Live Birth data from years 2006-2011 are based on projections. The overall live birth data shows a steady projected rate in the number of live births.

Table 36 profiles the number of children entering Kindergarten from the year 2002 through the year 2016. Birth data is known for students entering Kindergarten in 2010, however, the student enrollment data from years 2007-2016 are based on PDE projections. (The assumption is made that the respective children born in 1997 will enter Kindergarten in the year 2002)

Table 37 profiles the number of children entering First Grade from the year 2003 through the year 2016. Birth data is known for students entering First Grade in 2011, however, the student enrollment data from years 2007-2016 are based on PDE projections. (The assumption is made that the respective children born in 1997 will enter First Grade in the year 2003)

TABLE 35	
Year of Birth	Number of Births
1997	163
1998	191
1999	198
2000	165
2001	180
2002	168
2003	166
2004	144
2005	171
2006	171
2007	171
2008	171
2009	171
2010	171
2011	171

TABLE 36		
Year Entering K	Number Entering K	% Birth to K
2002	160	98.16%
2003	179	93.72%
2004	148	74.75%
2005	155	93.94%
2006	175	97.22%
2007	160	95.24%
2008	158	95.18%
2009	137	95.14%
2010	162	94.74%
2011	162	94.74%
2012	162	94.74%
2013	162	94.74%
2014	162	94.74%
2015	162	94.74%
2016	162	94.74%

TABLE 37		
Year Entering 1st	Number Entering 1st	% Birth to 1st
2003	157	96.32%
2004	185	96.86%
2005	153	77.27%
2006	164	99.39%
2007	166	92.22%
2008	155	92.26%
2009	153	92.17%
2010	133	92.36%
2011	158	92.40%
2012	158	92.40%
2013	158	92.40%
2014	158	92.40%
2015	158	92.40%
2016	158	92.40%

Live Birth Data

The following Charts compares the Live Birth data from the preceding Tables with the Year Entering Kindergarten and the Year Entering First Grade

TABLE 35 & TABLE 36 - CHART A

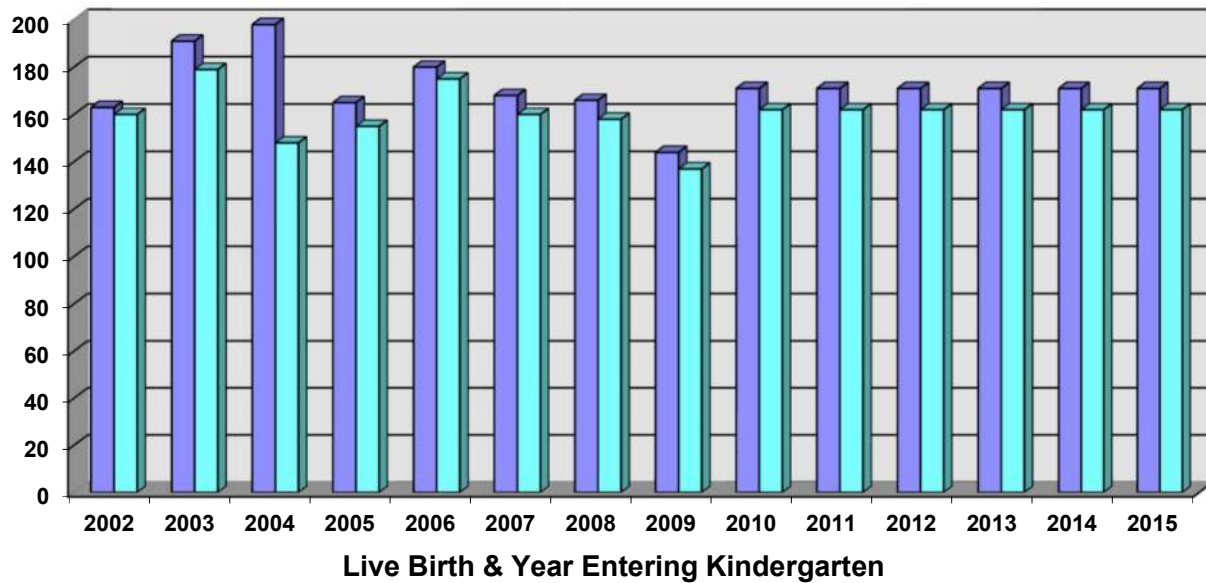
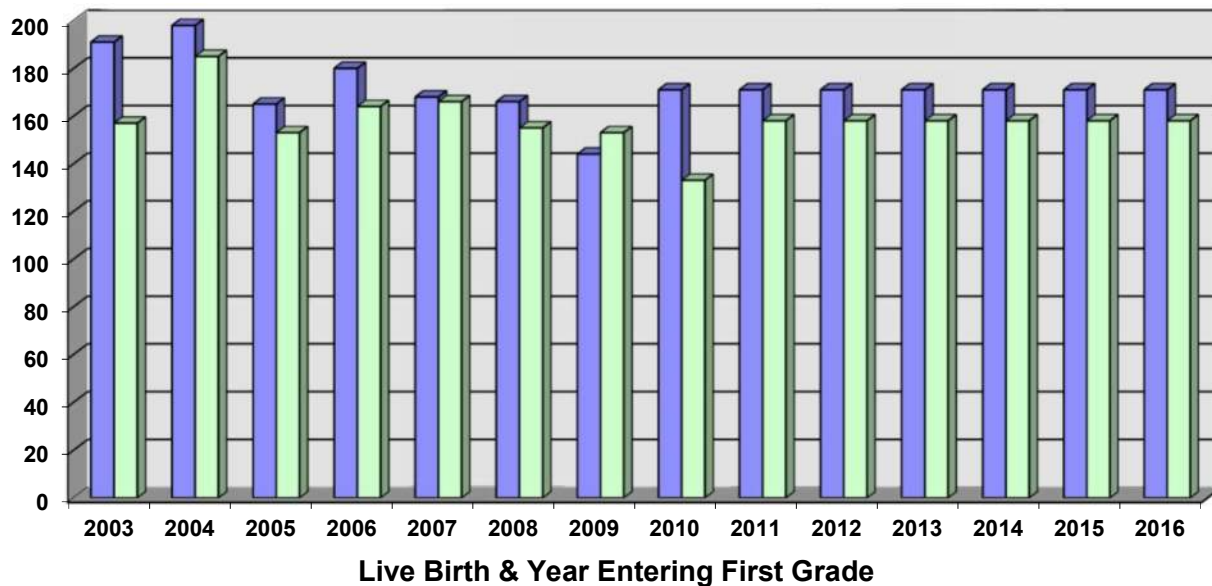


TABLE 35 & TABLE 37 - CHART B



Student Population

Projected Student Enrollment

Method I (District-wide Projections): Student Enrollment projections supplied by the Pennsylvania Department of Education (PDE). The data shows a projected decline in the overall School District K-12 student population by 140 students.

- Projections are based on Live birth data.
- Projections may not account for in-migration trends of students moving into the School District.

Method I-A (Bedford Schools): Student Enrollment projections for the Bedford Campus Schools based on Method I. The data shows a projected decline in the overall School District K-12 student population by 161 students.

Method I-B (Hyndman Schools): Student Enrollment projections for the Hyndman Campus Schools based on Method I. The data shows a projected increase in the overall School District K-12 student population by 14 students.

Method II (District-wide Projections): Student Enrollment projections based upon the average of historical increase of the past five years. The data shows a projected increase in the overall School District K-12 student population by 251 students.

- Projections are based on the First Grade Historical Trend of the past 5 years
- Historical trends should be evaluated in addition to available and future housing data.

Method II-A (Bedford Schools): Student Enrollment projections for the Bedford Campus Schools based on Method II. The data shows a projected increase in the overall School District K-12 student population by 375 students.

Method II-B (Hyndman Schools): Student Enrollment projections for the Hyndman Campus Schools based on Method II. The data shows a projected decline in the overall School District K-12 student population by 110 students.

Method III (District-wide Projections): Student Enrollment projections based upon available housing and future housing data. The data shows a projected increase in the overall School District K-12 student population by 182 students.

- Projections are based on available and future housing data.
- Data should be evaluated in addition to Historical trends.

Method III-A (Bedford Schools): Student Enrollment projections for the Bedford Campus Schools based on Method III. The data shows a projected increase in the overall School District K-12 student population by 234 students.

Method III-B (Hyndman Schools): Student Enrollment projections for the Hyndman Campus Schools based on Method III. The data shows a projected decline in the overall School District K-12 student population by 44 students.

Student Population

Existing Educational Program

A summary of the School District's existing conditions is profiled by the Existing Educational Program data and graphic illustrations. The information includes: Existing Campus Structure for the Bedford Schools and Hyndman Schools; Existing Grade Alignment; 2007-08 Student Enrollment; District and PDE Functional Capacity; District and PDE Special Education Capacity; and the Highest Projected Enrollment for each grade grouping.

Student Enrollment / Capacity Evaluation

The Tables graphically illustrate the Projected Student Enrollment for each of the existing grade groupings vs. the current building capacity of the respective grade grouping.

Methods I, II, and III profile the District Schools for the following grade groupings: K-5 which includes Bedford and Hyndman-Londonderry Elementary Schools; 6-8, 9-12 which includes Bedford Middle School, Hyndman Middle / Senior High School, and Bedford High School; also K-12 which includes all the Schools.

Methods I-A, II-A and III-A profile the Bedford Schools for the following grade groupings: K-5 Bedford Elementary School; 6-8 Bedford Middle School; 9-12 Bedford High School; 6-12 (for comparison with the Hyndman School grade grouping); and K-12.

Methods I-B, II-B and III-B profile the Hyndman Schools for the following grade groupings: K-5 Hyndman-Londonderry Elementary School; 6-12 Hyndman Middle / Senior High School; and K-12.

Existing Building Capacity

Room schedules for the Elementary and Secondary Schools provide data for the Existing Adjusted Building Capacity. Spaces that receive capacity are shown as well as each Building's Functional Capacity, Total Capacity, and Special Educational Capacity.

Building Capacity Overview

The Building Capacity Overview provides an explanation of Building Capacity and adjustments; including Functional Capacity, Total Capacity and Special Education Capacity as defined for the purpose of this study.

Educational Program Requirements

The Educational Program Requirements provide an overview of the Bedford Area School District's Educational Program. The information was generated by the Bedford Area School District.

The Educational Program must be analyzed, as well as, the resulting affects of the existing facilities ability to meet the current and future needs of the educational program.

PROJECTED STUDENT ENROLLMENT

METHOD I

2006-07 PDE Projected Student Enrollment

District Schools

TABLE 38

	K	1	2	3	4	5	K-5	6	7	8	6-8	9	10	11	12	9-12	6-12	K-12
2002-03	160	175	165	164	170	196	1030	195	188	207	590	186	188	167	183	724	1314	2344
2003-04	179	157	168	165	175	155	999	207	200	191	598	215	190	181	159	745	1343	2342
2004-05	148	185	159	176	170	174	1012	165	203	203	571	194	214	194	180	782	1353	2365
2005-06	155	153	188	160	182	172	1010	181	171	199	551	209	183	197	183	772	1323	2333
2006-07	175	164	154	192	164	190	1039	177	182	166	525	204	190	178	197	769	1294	2333
RATIOS	0.95	0.925	1.012	1.019	1.039	1.044		1.047	1.012	0.971		1.027	0.909	0.969	0.972			
2007-08	160	166	166	157	200	171	1020	199	179	177	555	171	185	184	173	713	1268	2288
2008-09	158	155	168	169	163	209	1022	179	201	174	554	182	155	179	179	695	1249	2271
2009-10	137	153	157	171	176	170	964	219	181	195	595	179	165	150	174	668	1263	2227
2010-11	162	133	155	160	178	184	972	178	222	176	576	200	163	160	146	669	1245	2217
2011-12	162	158	135	158	166	186	965	193	180	216	589	181	182	158	156	677	1266	2231
2012-13	162	158	160	138	164	173	955	195	195	175	565	222	165	176	154	717	1282	2237
2013-14	162	158	160	163	143	171	957	181	197	189	567	180	202	160	171	713	1280	2237
2014-15	162	158	160	163	169	149	961	179	183	191	553	194	164	196	156	710	1263	2224
2015-16	162	158	160	163	169	176	988	156	181	178	515	196	176	159	191	722	1237	2225
2016-17	162	158	160	163	169	176	988	184	158	176	518	183	178	171	155	687	1205	2193

METHOD I: The PDE model uses enrollment data reported annually by all local education agencies to the Division of Data Services on the Public School Enrollment Report. Resident live birth data is provided by the Pennsylvania Department of Health. Grade progression is determined by calculating retention rates for grades 2 to 12 using the most recent five years of enrollment data. Retention rates for kindergarten are determined by births five years earlier and for first grade from births six years earlier. These rates are evaluated to determine if a pattern is discernable, or if any retention rates are unusual. If a pattern is found, the pattern is continued in making the projections. Unusual retention rates are discarded and the average of the remaining rates is used in making the projections. Nongraded elementary and secondary students are prorated across grades before retention rates are calculated.

Table 38A compares the PDE and District Functional Capacity for each school with the Method I, 2006-07 PDE projected enrollment information.

TABLE 38A School	District Functional Capacity	PDE Functional Capacity	Student Enrollment 2006-07	5 Year Growth	Projected Student Enrollment 2011-12	10 Year Growth	Projected Student Enrollment 2016-17
Bedford E.S.	834	975					
Hyndman-Londonderry E.S.	235	275					
K-5 Total	1,069	1,250	1,039	-74	965	-51	988
Bedford Middle School	525	590					
Hyndman Middle/Sr H.S.	317	356					
Bedford High School / DAO	643	724					
6-8, 9-12 Total	1,485	1,670	1,294	-28	1,266	-89	1,205
K-12 Total	2,554	2,920	2,333	-102	2,231	-140	2,193

PROJECTED STUDENT ENROLLMENT

METHOD II

2007-08 Projected Student Enrollment Based on Historical Data

District Schools

TABLE 39

	K	1	2	3	4	5	K-5	6	7	8	6-8	9	10	11	12	9-12	6-12	K-12
2003-04	171	156	163	168	172	158	988	201	197	185	583	213	186	182	150	731	1314	2302
2004-05	152	185	156	176	164	176	1009	158	200	202	560	189	207	185	169	750	1310	2319
2005-06	161	153	185	157	183	176	1015	178	170	204	552	198	183	190	177	748	1300	2315
2006-07	171	171	159	199	162	196	1058	185	180	166	531	203	188	173	185	749	1280	2338
2007-08	175	169	167	163	195	164	1033	194	190	180	564	174	198	195	162	729	1293	2326
RATIOS		1.035	1.003	1.048	1.006	1.046		1.013	1.025	1.007		1.009	0.966	0.973	0.949			
2008-09	169	172	170	175	164	204	1053	166	199	191	556	182	168	193	185	727	1284	2337
2009-10	172	175	173	178	176	171	1045	206	170	200	577	193	176	164	183	715	1292	2336
2010-11	175	178	176	181	179	184	1072	174	212	171	557	202	187	171	155	715	1271	2343
2011-12	178	181	179	184	182	187	1090	186	178	213	577	173	195	181	162	712	1289	2379
2012-13	181	184	182	187	185	190	1109	189	191	179	559	215	167	190	172	744	1304	2413
2013-14	184	187	185	190	188	193	1128	193	194	192	579	181	208	163	180	731	1310	2438
2014-15	187	190	188	193	191	197	1146	196	197	195	589	194	175	202	154	725	1314	2460
2015-16	189	193	191	197	195	200	1164	199	201	199	599	197	188	170	192	746	1345	2509
2016-17	192	196	194	200	198	203	1183	203	204	202	609	201	190	182	161	735	1344	2526
2017-18	195	199	197	203	201	207	1201	206	208	206	619	204	194	185	173	756	1376	2577

METHOD II: First Grade enrollment increased by 3 students each year. This is based upon the average of historical increase of the past five years.

Table 39A compares the PDE and District Functional Capacity for each school with the Method II, 2007-08 projected enrollment information.

TABLE 39A	District Functional Capacity	PDE Functional Capacity	Student Enrollment 2007-08	5 Year Growth	Projected Student Enrollment 2012-13	10 Year Growth	Projected Student Enrollment 2017-18
School							
Bedford E.S.	834	975	843				
Hyndman-Londonderry E.S.	235	275	190				
K-5 Total	1,069	1,250	1,033	76	1,109	168	1,201
Bedford Middle School	525	590	460				
Hyndman Middle/Sr H.S.	317	356	220				
Bedford High School / DAO	643	724	613				
6-8, 9-12 Total	1,485	1,670	1,293	11	1,304	83	1,376
K-12 Total	2,554	2,920	2,326	87	2,413	251	2,577

PROJECTED STUDENT ENROLLMENT

METHOD III

2007-08 Projected Student Enrollment Based on Housing Start Data District Schools

TABLE 40

	K	1	2	3	4	5	K-5	6	7	8	6-8	9	10	11	12	9-12	6-12	K-12
2003-04	171	156	163	168	172	158	988	201	197	185	583	213	186	182	150	731	1314	2302
2004-05	152	185	156	176	164	176	1009	158	200	202	560	189	207	185	169	750	1310	2319
2005-06	161	153	185	157	183	176	1015	178	170	204	552	198	183	190	177	748	1300	2315
2006-07	171	171	159	199	162	196	1058	185	180	166	531	203	188	173	185	749	1280	2338
2007-08	175	169	167	163	195	164	1033	194	190	180	564	174	198	195	162	729	1293	2326
RATIOS		1.035	1.003	1.048	1.006	1.046		1.013	1.025	1.007		1.009	0.966	0.973	0.949			
2008-09	167	171	170	175	164	204	1050	166	199	191	556	182	168	193	185	727	1284	2334
2009-10	169	173	172	178	176	171	1039	206	170	200	577	193	176	164	183	715	1292	2330
2010-11	171	175	174	180	179	184	1062	174	212	171	557	202	187	171	155	715	1271	2333
2011-12	173	177	176	182	181	187	1075	186	178	213	577	173	195	181	162	712	1289	2364
2012-13	175	179	178	184	183	189	1088	189	191	179	559	215	167	190	172	744	1304	2391
2013-14	177	181	180	186	185	191	1100	191	194	192	578	181	208	163	180	731	1309	2409
2014-15	179	183	182	188	187	193	1112	194	196	195	585	194	175	202	154	725	1310	2423
2015-16	181	185	184	190	189	196	1125	196	199	198	592	197	188	170	192	746	1338	2463
2016-17	183	187	186	192	191	198	1137	198	201	200	599	199	190	182	161	733	1332	2470
2017-18	185	189	188	195	194	200	1150	200	203	202	606	202	193	185	173	753	1358	2508

METHOD III: First Grade enrollment increased by 2 students each year. This is based upon the available housing and future housing data.

Table 40A compares the PDE and District Functional Capacity for each school with the Method III, 2007-08 projected enrollment information.

TABLE 40A	District Functional Capacity	PDE Functional Capacity	Student Enrollment 2007-08	5 Year Growth	Projected Student Enrollment 2012-13	10 Year Growth	Projected Student Enrollment 2017-18
School							
Bedford E.S.	834	975	843				
Hyndman-Londonderry E.S.	235	275	190				
K-5 Total	1,069	1,250	1,033	55	1,088	117	1,150
Bedford Middle School	525	590	460				
Hyndman Middle/Sr H.S.	317	356	220				
Bedford High School / DAO	643	724	613				
6-8, 9-12 Total	1,485	1,670	1,293	11	1,304	65	1,358
K-12 Total	2,554	2,920	2,326	66	2,392	182	2,508

PROJECTED STUDENT ENROLLMENT

METHOD I-A

2007-08 Projected Student Enrollment Based on PDE Data

Bedford Schools

TABLE 41

	K	1	2	3	4	5	K - 5	6	7	8	6 - 8	9	10	11	12	9 - 12	6 - 12	K-12
2003-04	131	124	123	131	142	133	784	159	166	150	475	171	150	143	126	590	1065	1849
2004-05	127	145	123	134	128	146	803	133	160	171	464	152	172	153	133	610	1074	1877
2005-06	122	132	146	126	140	143	809	154	147	166	467	171	152	156	150	629	1096	1905
2006-07	141	129	133	158	130	150	841	151	153	143	447	164	163	143	153	623	1070	1911
2007-08	151	140	126	137	156	133	843	147	157	156	460	151	161	170	131	613	1073	1916
RATIOS		0.95	1.012	1.019	1.039	1.044		1.047	1.012	0.971		1.027	0.909	0.969	0.972			
2008-09	126	143	142	128	142	163	845	139	149	152	440	160	137	156	165	619	1059	1904
2009-10	110	120	145	144	133	149	801	171	141	144	456	157	146	133	152	587	1043	1844
2010-11	130	104	121	148	150	139	793	156	173	137	465	148	142	141	129	561	1026	1819
2011-12	130	123	106	123	154	157	793	146	158	168	471	141	135	138	137	551	1022	1814
2012-13	130	123	125	108	128	160	775	164	148	153	465	172	128	131	134	565	1029	1804
2013-14	130	123	125	127	112	134	751	168	166	143	477	157	157	124	127	565	1042	1793
2014-15	130	123	125	127	132	117	755	140	170	161	471	147	143	152	120	562	1033	1788
2015-16	130	123	125	127	132	138	776	122	142	165	429	166	134	138	148	585	1014	1790
2016-17	130	123	125	127	132	138	776	145	124	138	406	170	150	130	135	584	990	1766
2017-18	130	123	125	127	132	138	776	145	146	120	411	141	154	146	126	568	979	1755

METHOD I-A: PDE ratios were used in this Method to project the enrollment.

Table 41A compares the PDE and District Functional Capacity for each school on the Bedford Campus with the Method I-A, 2007-08 projected enrollment information.

TABLE 41A School	District Functional Capacity	PDE Functional Capacity	Student Enrollment 2007-08	5 Year Growth	Projected Student Enrollment 2012-13	10 Year Growth	Projected Student Enrollment 2017-18
Bedford E.S.	834	975	843				
K-5 Total	834	975	843	-68	775	-67	776
Bedford Middle School	525	590	460				
6-8 Total	525	590	460	5	465	-49	411
Bedford High School / DAO	643	724	613				
9-12 Total	643	724	613	-48	565	-45	568
6-8, 9-12 Total	1,168	1,314	1,073	-44	1,029	-94	979
K-12 Total	2,002	2,289	1,916	-111	1,804	-161	1,755

PROJECTED STUDENT ENROLLMENT

METHOD I-B

2007-08 Projected Student Enrollment Based on PDE Data

Hyndman Schools

TABLE 42

	K	1	2	3	4	5	K - 5	6	7	8	6 - 8	9	10	11	12	9 - 12	6 - 12	K - 12
2003-04	40	32	40	37	30	25	204	42	31	35	108	42	36	39	24	141	249	453
2004-05	25	40	33	42	36	30	206	25	40	31	96	37	35	32	36	140	236	442
2005-06	39	21	39	31	43	33	206	24	23	38	85	27	31	34	27	119	204	410
2006-07	30	42	26	41	32	46	217	34	27	23	84	39	25	30	32	126	210	427
2007-08	24	29	41	26	39	31	190	47	33	24	104	23	37	25	31	116	220	410
RATIOS		0.95	1.012	1.019	1.039	1.044		1.047	1.012	0.971		1.027	0.909	0.969	0.972			
2008-09	32	23	29	42	27	41	194	32	48	32	112	25	21	36	24	106	218	411
2009-10	27	30	23	30	43	28	182	43	33	46	122	33	22	20	35	110	232	414
2010-11	32	26	31	23	31	45	188	30	43	32	105	47	30	22	20	119	223	412
2011-12	32	30	26	31	24	32	176	47	30	42	119	33	43	29	21	126	245	422
2012-13	32	30	31	26	33	25	178	34	48	29	111	43	30	42	28	143	254	431
2013-14	32	30	31	31	27	34	186	27	34	47	108	30	39	29	41	138	246	432
2014-15	32	30	31	31	33	29	186	36	27	33	96	48	27	38	28	141	237	423
2015-16	32	30	31	31	33	34	191	30	36	26	92	34	44	26	37	141	233	424
2016-17	32	30	31	31	33	34	191	36	30	35	101	27	31	42	26	126	227	418
2017-18	32	30	31	31	33	34	191	36	36	30	101	36	24	30	41	132	233	424

METHOD I-B: PDE ratios were used in this Method to project the enrollment.

Table 42A compares the PDE and District Functional Capacity for each school on the Hyndman Campus with the Method I-B, 2007-08 projected enrollment information.

TABLE 42A School	District Functional Capacity	PDE Functional Capacity	Student Enrollment 2007-08	5 Year Growth	Projected Student Enrollment 2012-13	10 Year Growth	Projected Student Enrollment 2017-18
Hyndman-Londonderry E.S.	235	275	190				
K-5 Total	235	275	190	-12	178	1	191
Hyndman Middle/Sr H.S.	317	356	220				
6-8, 9-12 Total	317	356	220	34	254	13	233
K-12 Total	552	631	410	22	431	14	424

PROJECTED STUDENT ENROLLMENT

METHOD II-A

2007-08 Projected Student Enrollment Based on Historical Data

Bedford Schools

TABLE 43

	K	1	2	3	4	5	K - 5	6	7	8	6 - 8	9	10	11	12	9 - 12	6 - 12	K-12
2003-04	131	124	123	131	142	133	784	159	166	150	475	171	150	143	126	590	1065	1849
2004-05	127	145	123	134	128	146	803	133	160	171	464	152	172	153	133	610	1074	1877
2005-06	122	132	146	126	140	143	809	154	147	166	467	171	152	156	150	629	1096	1905
2006-07	141	129	133	158	130	150	841	151	153	143	447	164	163	143	153	623	1070	1911
2007-08	151	140	126	137	156	133	843	147	157	156	460	151	161	170	131	613	1073	1916
RATIOS		1.048	0.996	1.057	1.009	1.059		1.023	1.034	1.016		1.013	0.985	0.976	0.953			
2008-09	141	144	139	133	138	165	861	136	152	160	447	158	149	157	162	626	1073	1935
2009-10	145	148	143	147	134	146	865	169	141	154	464	162	156	145	150	612	1076	1941
2010-11	149	152	147	152	149	142	891	150	175	143	467	156	159	152	138	606	1073	1964
2011-12	153	156	151	156	153	158	927	146	155	177	478	145	154	155	145	599	1077	2003
2012-13	157	160	155	160	157	162	952	161	150	157	469	180	142	150	148	620	1089	2041
2013-14	160	164	159	164	162	167	976	166	167	153	485	159	177	139	143	619	1104	2080
2014-15	164	168	163	169	166	171	1001	170	171	169	511	155	157	173	133	617	1128	2129
2015-16	168	172	167	173	170	176	1026	175	176	174	525	171	152	153	165	642	1167	2193
2016-17	172	176	171	177	174	180	1051	180	181	179	539	176	169	149	146	640	1179	2230
2017-18	176	180	175	181	179	185	1076	184	186	184	554	181	174	165	142	661	1215	2291

METHOD II-A: First Grade enrollment increased by 4 students each year. This is based upon the average of historical increase of the past five years.

Table 43A compares the PDE and District Functional Capacity for each school on the Bedford Campus with the Method II-A, 2007-08 projected enrollment information.

TABLE 43A School	District Functional Capacity	PDE Functional Capacity	Student Enrollment 2007-08	5 Year Growth	Projected Student Enrollment 2012-13	10 Year Growth	Projected Student Enrollment 2017-18
Bedford E.S.	834	975	843				
K-5 Total	834	975	843	109	952	233	1,076
Bedford Middle School	525	590	460				
6-8 Total	525	590	460	9	469	94	554
Bedford High School / DAO	643	724	613				
9-12 Total	643	724	613	7	620	48	661
6-8, 9-12 Total	1,168	1,314	1,073	16	1,089	142	1,215
K-12 Total	2,002	2,289	1,916	125	2,041	375	2,291

PROJECTED STUDENT ENROLLMENT

METHOD II-B

2007-08 Projected Student Enrollment Based on Historical Data

Hyndman Schools

TABLE 44

	K	1	2	3	4	5	K - 5	6	7	8	6 - 8	9	10	11	12	9 - 12	6 - 12	K - 12
2003-04	40	32	40	37	30	25	204	42	31	35	108	42	36	39	24	141	249	453
2004-05	25	40	33	42	36	30	206	25	40	31	96	37	35	32	36	140	236	442
2005-06	39	21	39	31	43	33	206	24	23	38	85	27	31	34	27	119	204	410
2006-07	30	42	26	41	32	46	217	34	27	23	84	39	25	30	32	126	210	427
2007-08	24	29	41	26	39	31	190	47	33	24	104	23	37	25	31	116	220	410
RATIOS		0.985	1.03	1.014	0.993	0.993		0.97	0.984	0.959		0.992	0.883	0.953	0.933			
2008-09	27	28	30	42	26	39	191	30	46	32	108	24	20	35	23	103	211	402
2009-10	26	27	29	30	41	26	179	38	30	44	111	31	21	19	33	105	216	395
2010-11	25	26	28	29	30	41	179	25	37	28	90	44	28	20	18	110	200	379
2011-12	24	25	27	28	29	30	163	40	24	35	100	28	39	26	19	112	212	375
2012-13	23	24	26	27	28	29	157	29	39	23	92	35	25	37	25	122	213	370
2013-14	22	23	25	26	27	28	151	28	29	38	94	23	31	24	35	113	207	357
2014-15	21	22	24	25	26	27	144	27	28	27	82	37	21	30	22	109	191	336
2015-16	20	21	23	24	25	26	138	26	27	26	79	27	33	20	28	107	186	324
2016-17	19	20	22	23	24	25	132	25	26	25	76	26	24	31	18	100	176	308
2017-18	18	19	21	22	23	24	126	24	25	25	73	25	23	23	29	100	174	300

METHOD II-B: First Grade enrollment decreased by 1 student each year. This is based upon the average of historical increase of the past five years.

Table 44A compares the PDE and District Functional Capacity for each school on the Hyndman Campus with the Method II-B, 2007-08 projected enrollment information.

TABLE 44A School	District Functional Capacity	PDE Functional Capacity	Student Enrollment 2007-08	5 Year Growth	Projected Student Enrollment 2012-13	10 Year Growth	Projected Student Enrollment 2017-18
Hyndman-Londonderry E.S.	235	275	190				
K-5 Total	235	275	190	-33	157	-64	126
Hyndman Middle/Sr H.S.	317	356	220				
6-8, 9-12 Total	317	356	220	-7	213	-46	174
K-12 Total	552	631	410	-40	370	-110	300

PROJECTED STUDENT ENROLLMENT

METHOD III-A

2007-08 Projected Student Enrollment Based on Housing Start Data Bedford Schools

TABLE 45

	K	1	2	3	4	5	K - 5	6	7	8	6 - 8	9	10	11	12	9 - 12	6 - 12	K-12
2003-04	131	124	123	131	142	133	784	159	166	150	475	171	150	143	126	590	1065	1849
2004-05	127	145	123	134	128	146	803	133	160	171	464	152	172	153	133	610	1074	1877
2005-06	122	132	146	126	140	143	809	154	147	166	467	171	152	156	150	629	1096	1905
2006-07	141	129	133	158	130	150	841	151	153	143	447	164	163	143	153	623	1070	1911
2007-08	151	140	126	137	156	133	843	147	157	156	460	151	161	170	131	613	1073	1916
RATIOS		1.048	0.996	1.057	1.009	1.059		1.023	1.034	1.016		1.013	0.985	0.976	0.953			
2008-09	139	142	139	133	138	165	857	136	152	160	447	158	149	157	162	626	1073	1931
2009-10	145	144	141	147	134	146	859	169	141	154	464	162	156	145	150	612	1076	1935
2010-11	141	146	143	150	149	142	871	150	175	143	467	156	159	152	138	606	1073	1944
2011-12	143	148	145	152	151	158	897	146	155	177	478	145	154	155	145	599	1077	1973
2012-13	145	150	147	154	153	160	909	161	150	157	469	180	142	150	148	620	1089	1999
2013-14	147	152	149	156	155	162	922	163	167	153	483	159	177	139	143	619	1102	2023
2014-15	149	154	151	158	157	164	934	166	169	169	504	155	157	173	133	617	1121	2055
2015-16	151	156	153	160	159	167	946	168	171	172	511	171	152	153	165	642	1153	2099
2016-17	153	158	155	162	162	169	959	170	174	174	518	174	169	149	146	637	1156	2114
2017-18	155	160	157	164	164	171	971	173	176	176	525	176	171	165	142	654	1179	2151

METHOD III-A: First Grade enrollment increased by 2 students each year. This is based upon the available housing start data.

Table 45A compares the PDE and District Functional Capacity for each school on the Bedford Campus with the Method III-A, 2007-08 projected enrollment information.

TABLE 45A School	District Functional Capacity	PDE Functional Capacity	Student Enrollment 2007-08	5 Year Growth	Projected Student Enrollment 2012-13	10 Year Growth	Projected Student Enrollment 2017-18
Bedford E.S.	834	975	843				
K-5 Total	834	975	843	66	909	128	971
Bedford Middle School	525	590	460				
6-8 Total	525	590	460	9	469	65	525
Bedford High School / DAO	643	724	613				
9-12 Total	643	724	613	7	620	41	654
6-8, 9-12 Total	1,168	1,314	1,073	16	1,089	106	1,179
K-12 Total	2,002	2,289	1,916	82	1,999	234	2,151

PROJECTED STUDENT ENROLLMENT

METHOD III-B

2007-08 Projected Student Enrollment Based on Housing Start Data Hyndman Schools

TABLE 46

	K	1	2	3	4	5	K - 5	6	7	8	6 - 8	9	10	11	12	9 - 12	6 - 12	K - 12
2003-04	40	32	40	37	30	25	204	42	31	35	108	42	36	39	24	141	249	453
2004-05	25	40	33	42	36	30	206	25	40	31	96	37	35	32	36	140	236	442
2005-06	39	21	39	31	43	33	206	24	23	38	85	27	31	34	27	119	204	410
2006-07	30	42	26	41	32	46	217	34	27	23	84	39	25	30	32	126	210	427
2007-08	24	29	41	26	39	31	190	47	33	24	104	23	37	25	31	116	220	410
RATIOS		0.985	1.03	1.014	0.993	0.993		0.97	0.984	0.959		0.992	0.883	0.953	0.933			
2008-09	29	29	30	42	26	39	194	30	46	32	108	24	20	35	23	103	211	405
2009-10	29	29	30	30	41	26	185	38	30	44	111	31	21	19	33	105	216	401
2010-11	29	29	30	30	30	41	189	25	37	28	90	44	28	20	18	110	200	389
2011-12	29	29	30	30	30	30	178	40	24	35	100	28	39	26	19	112	212	390
2012-13	29	29	30	30	30	30	178	29	39	23	92	35	25	37	25	122	213	391
2013-14	29	29	30	30	30	30	178	29	29	38	95	23	31	24	35	113	208	386
2014-15	29	29	30	30	30	30	178	29	29	27	85	37	21	30	22	109	194	372
2015-16	29	29	30	30	30	30	178	29	29	27	85	27	33	20	28	107	192	370
2016-17	29	29	30	30	30	30	178	29	29	27	85	27	24	31	18	101	186	364
2017-18	29	29	30	30	30	30	178	29	29	27	85	27	24	23	29	103	188	366

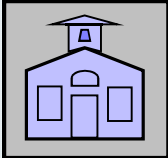
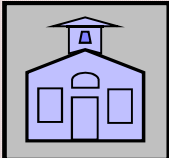
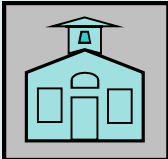
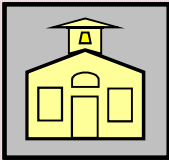
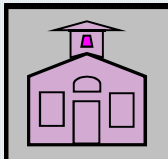
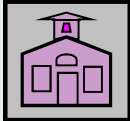
METHOD III-B: First Grade enrollment is increased by 0 students each year. This is based upon the average of historical increase of the past five years.

Table 46A compares the PDE and District Functional Capacity for each school on the Hyndman Campus with the Method III-B, 2007-08 projected enrollment information.

TABLE 46A School	District Functional Capacity	PDE Functional Capacity	Student Enrollment 2007-08	5 Year Growth	Projected Student Enrollment 2012-13	10 Year Growth	Projected Student Enrollment 2017-18
Hyndman-Londonderry E.S.	235	275	190				
K-5 Total	235	275	190	-12	178	-12	178
Hyndman Middle/Sr H.S.	317	356	220				
6-8, 9-12 Total	317	356	220	-7	213	-32	188
K-12 Total	552	631	410	-19	391	-44	366





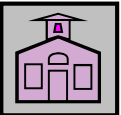
EXISTING EDUCATIONAL PROGRAM

Existing Campus Structure

BEDFORD	HYNDMAN
<p>K-5</p>  <p>Bedford E.S. 843 Student Enrollment 834 District Capacity</p>	<p>K-5</p>  <p>Hyndman-Londonderry E.S. 190 Student Enrollment 235 District Capacity</p>
<p>6-8</p>  <p>Bedford M.S. 460 Student Enrollment 525 District Capacity</p>	<p>6-12</p>  <p>Hyndman M.S. / H.S. 220 Student Enrollment 317 District Capacity</p>
<p>9-12</p>  <p>Bedford H.S. 613 Student Enrollment 643 District Capacity</p>	
<p>DAO</p>  <p>District Administration Offices (DAO) Located at Bedford High School 18 District Capacity</p>	

EXISTING EDUCATIONAL PROGRAM

Existing Building Capacity for Grades K-5; 6-8, 9-12; K-12

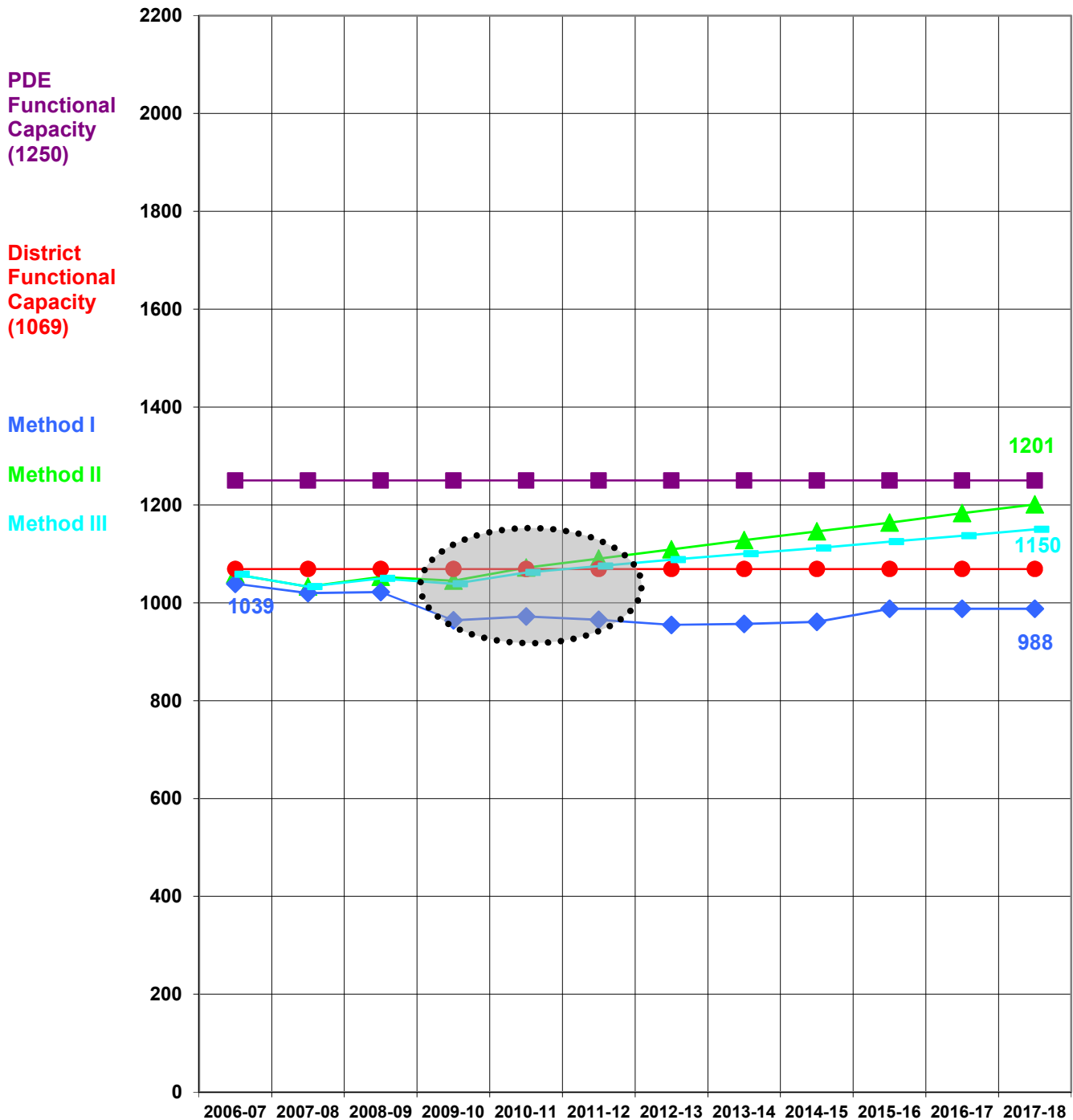
Building	Existing Grade Alignment	2007-08 Enrollment	** Functional Capacity		Special Education Capacity		Highest Projected Enrollment	
			DIST	PDE	DIST	PDE	Methods I, II, III	Current + 10% *
	BEDFORD ELEMENTARY SCHOOL	K-5	843	834	975	50	125	
	HYNDMAN-LONDONDERRY ELEM. SCHOOL	K-5	190	235	275	20	50	
K-5 TOTAL		1,033	1,069	1,250			1,201 Method II	1,143 * 2006/07
	BEDFORD MIDDLE SCHOOL	6-8	460	525	590	30	75	
	HYNDMAN MIDDLE / SR. HIGH SCHOOL	6-12	220	317	356	20	50	
	BEDFORD HIGH SCHOOL	9-12	613	643	724	40	100	
6-12 TOTAL		1,293	1,485	1,670			1,376 Method II	1,423 * 2006/07
K-12 TOTAL		1,713	2,554	2,920			2,577 Method II	2,566 * 2006/07

* PDE allows 2006/07 or 2007/08 Current Enrollment + 10% to be used as Highest Projected Enrollment for Project Grades.

** Elementary *Functional Capacity* are Graded Classrooms K-5; *Special Education Capacity* is not included in the Functional Capacity or Total Capacity.

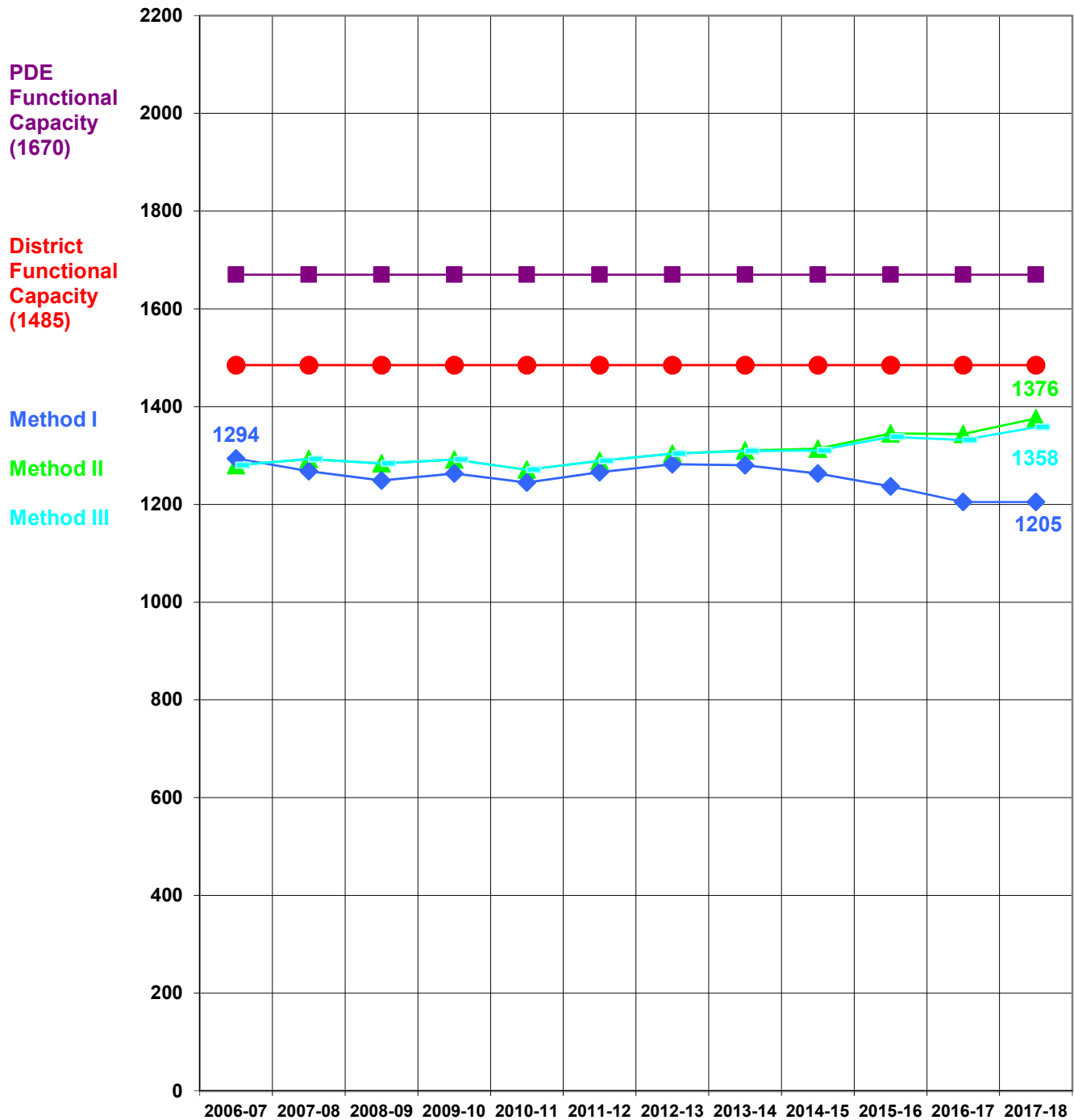
Projected Student Enrollment (K-5) vs. Current Building Capacity

TABLE 47 - District Schools (Bedford E.S. & Hyndman-Londonderry E.S.)



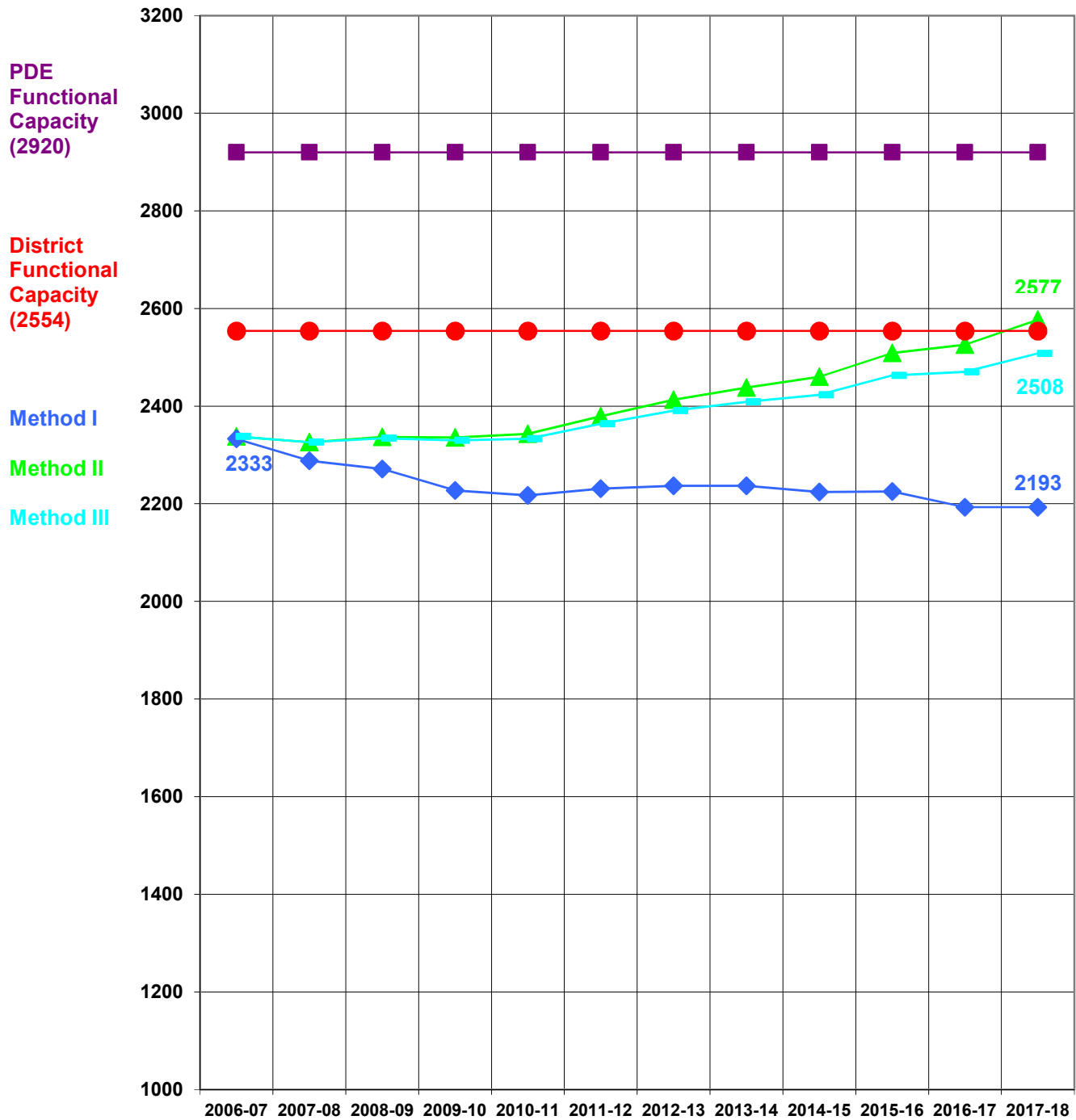
Projected Student Enrollment (6-8, 9-12) vs. Current Building Capacity

TABLE 48 - District Schools (Bedford M.S.; Hyndman M.S./H.S.; Bedford H.S.)



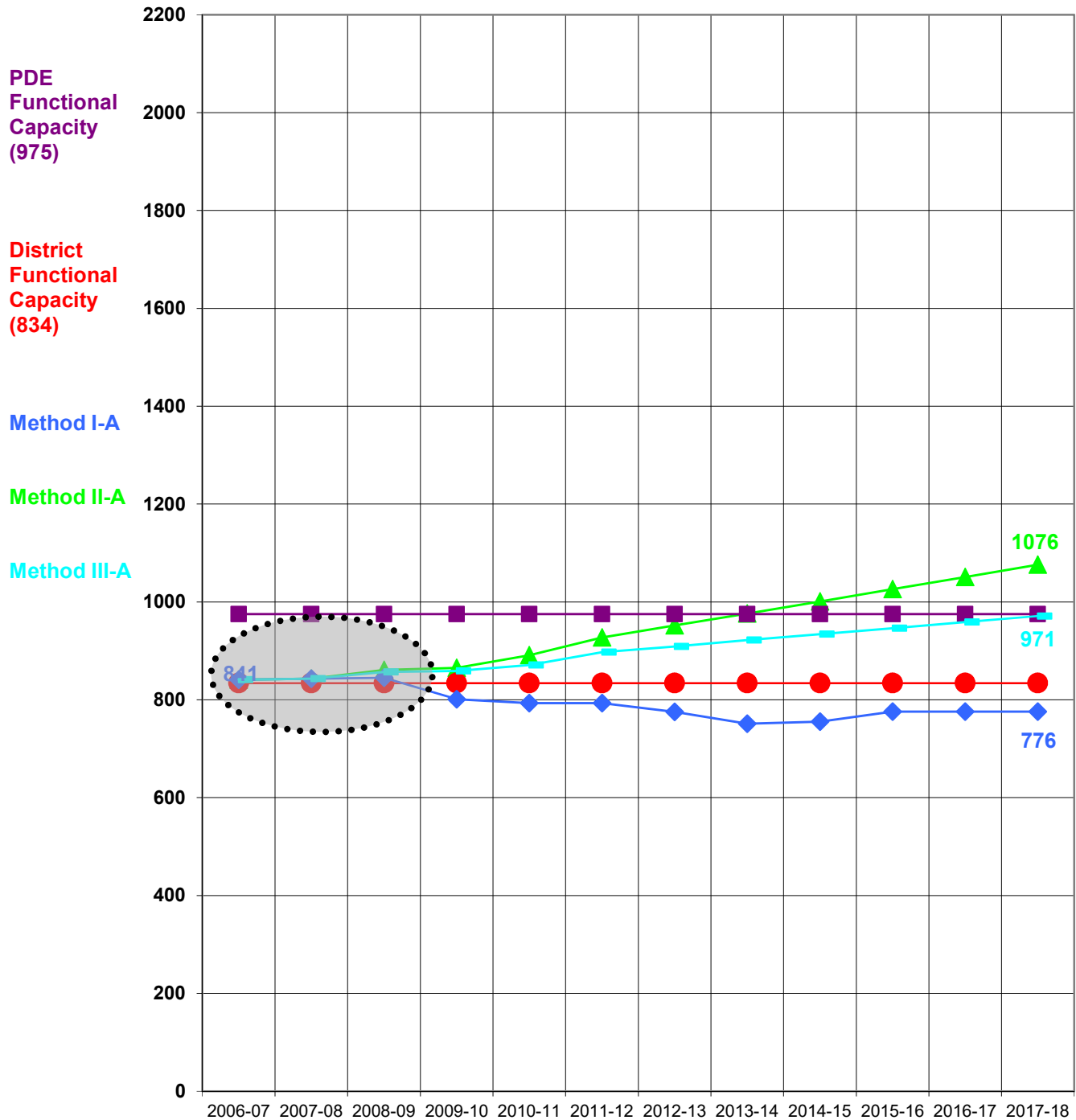
Projected Student Enrollment (K-12) vs. Current Building Capacity

TABLE 49 - District Schools



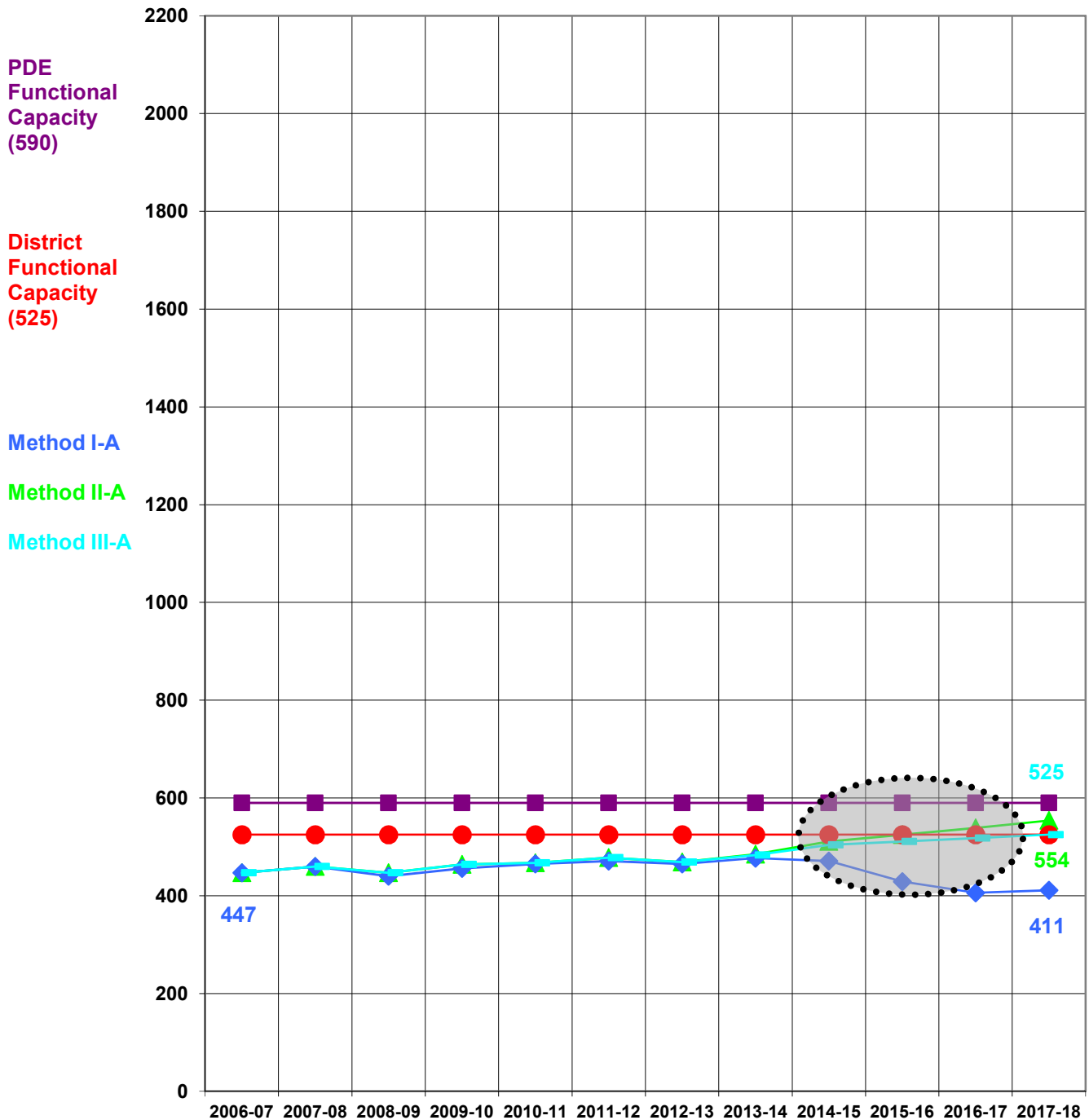
Projected Student Enrollment (K-5) vs. Current Building Capacity

TABLE 50 - Bedford Schools (Bedford Elementary School)



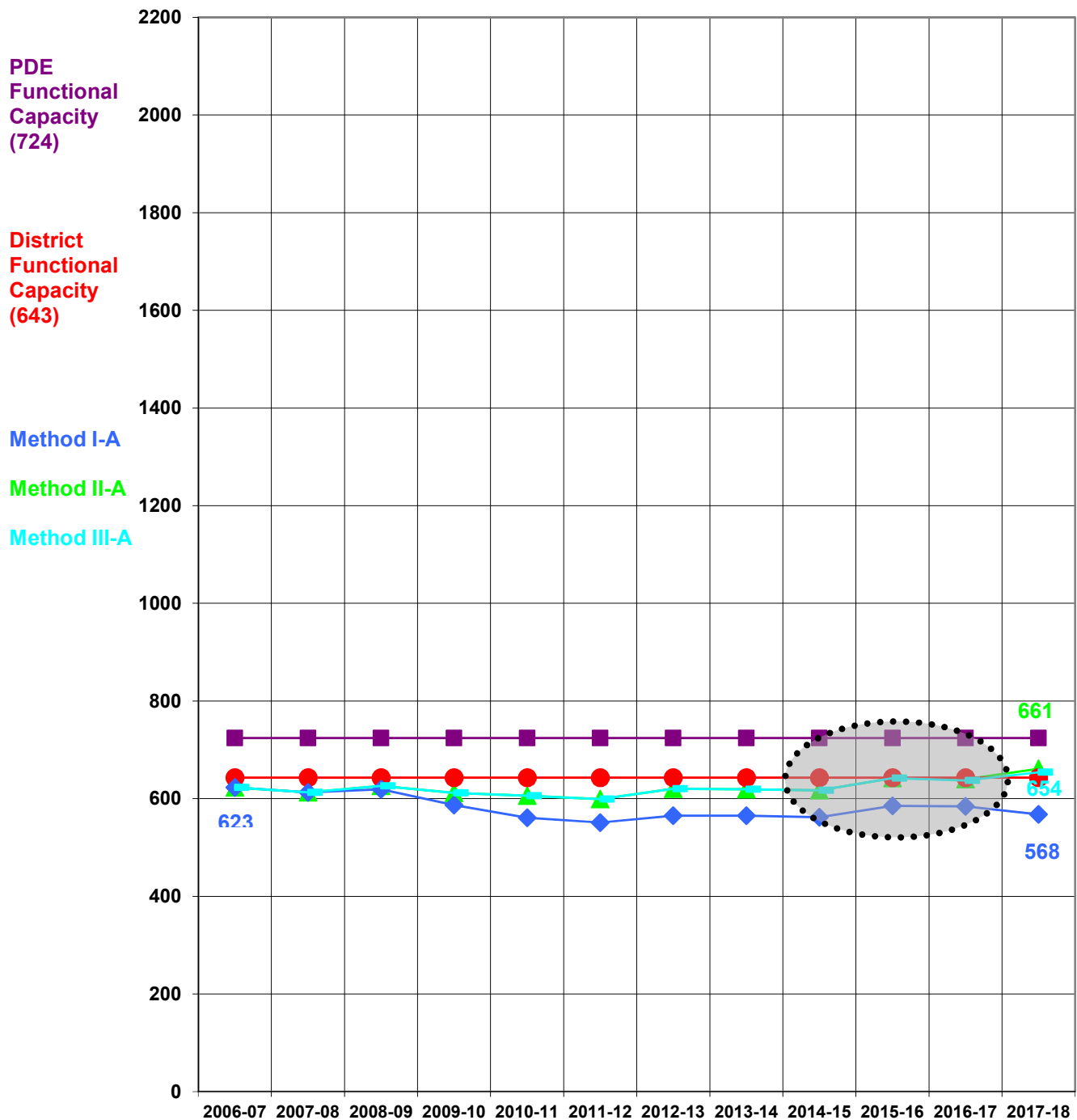
Projected Student Enrollment (6-8) vs. Current Building Capacity

TABLE 51 - Bedford Schools (Bedford Middle School)



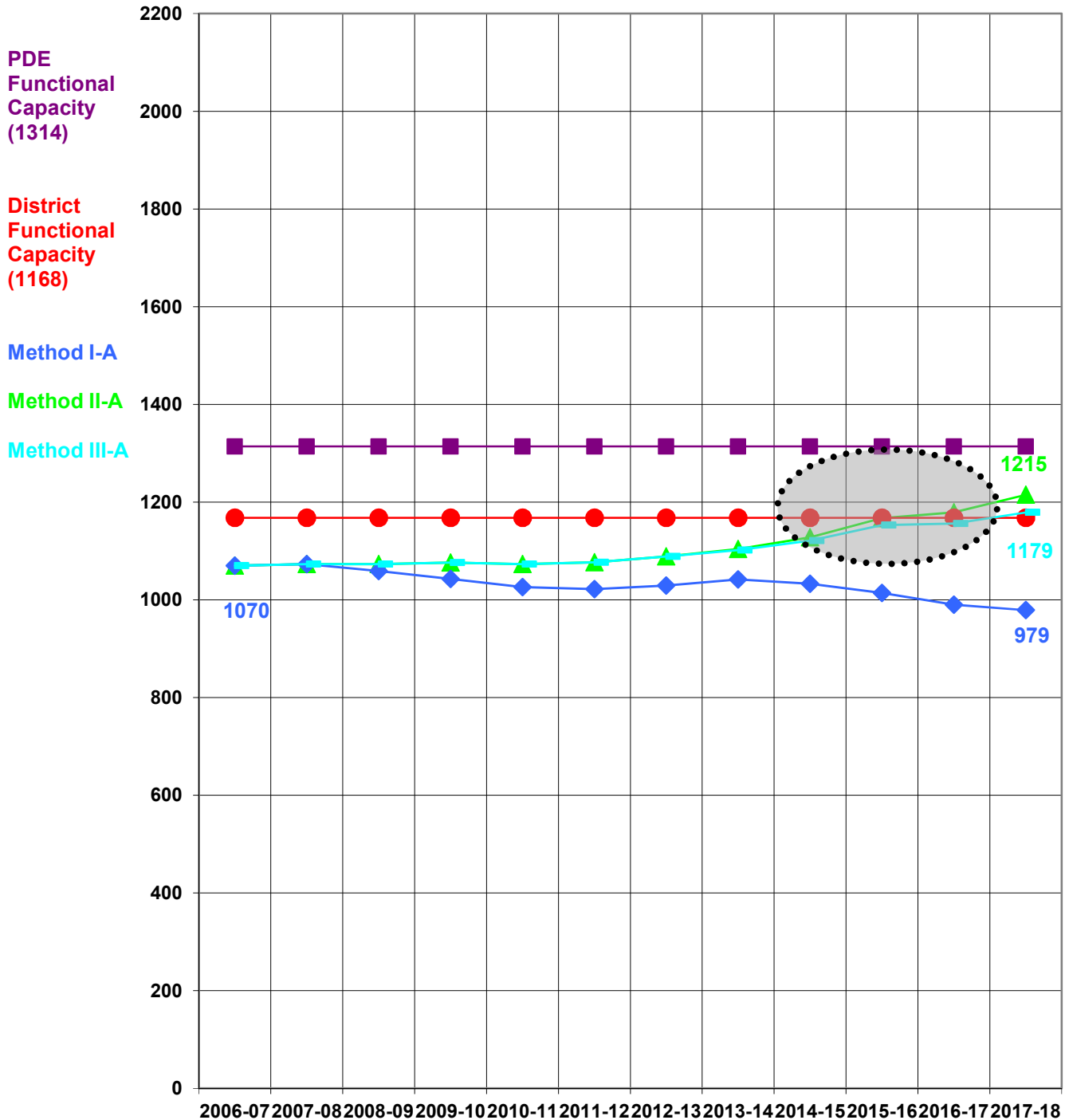
Projected Student Enrollment (9-12) vs. Current Building Capacity

TABLE 52 - Bedford Schools (Bedford High School)



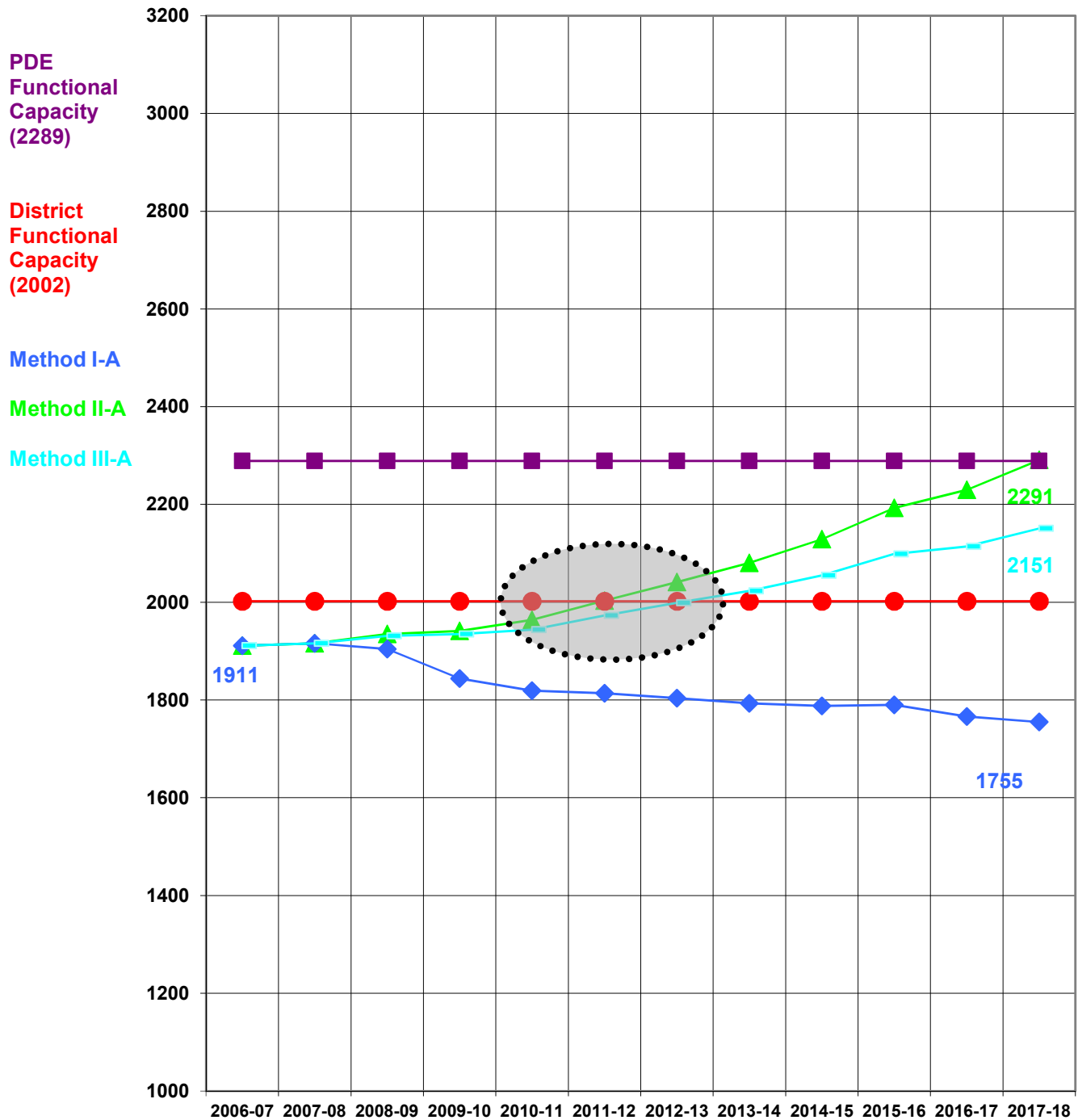
Projected Student Enrollment (6-8, 9-12) vs. Current Building Capacity

TABLE 53 - Bedford Schools (Bedford M.S. & Bedford H.S.)



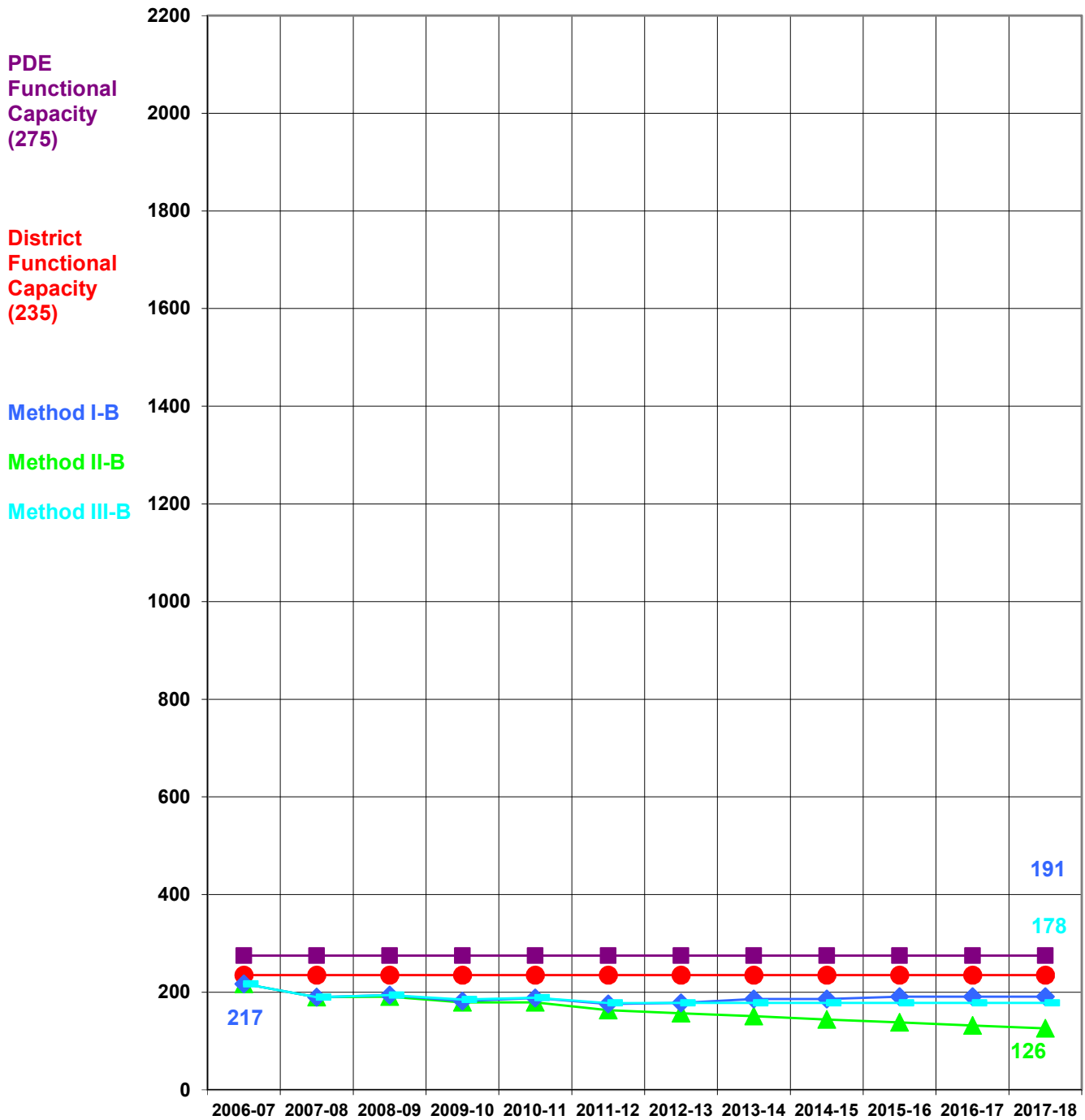
Projected Student Enrollment (K-12) vs. Current Building Capacity

TABLE 54 - Bedford Schools



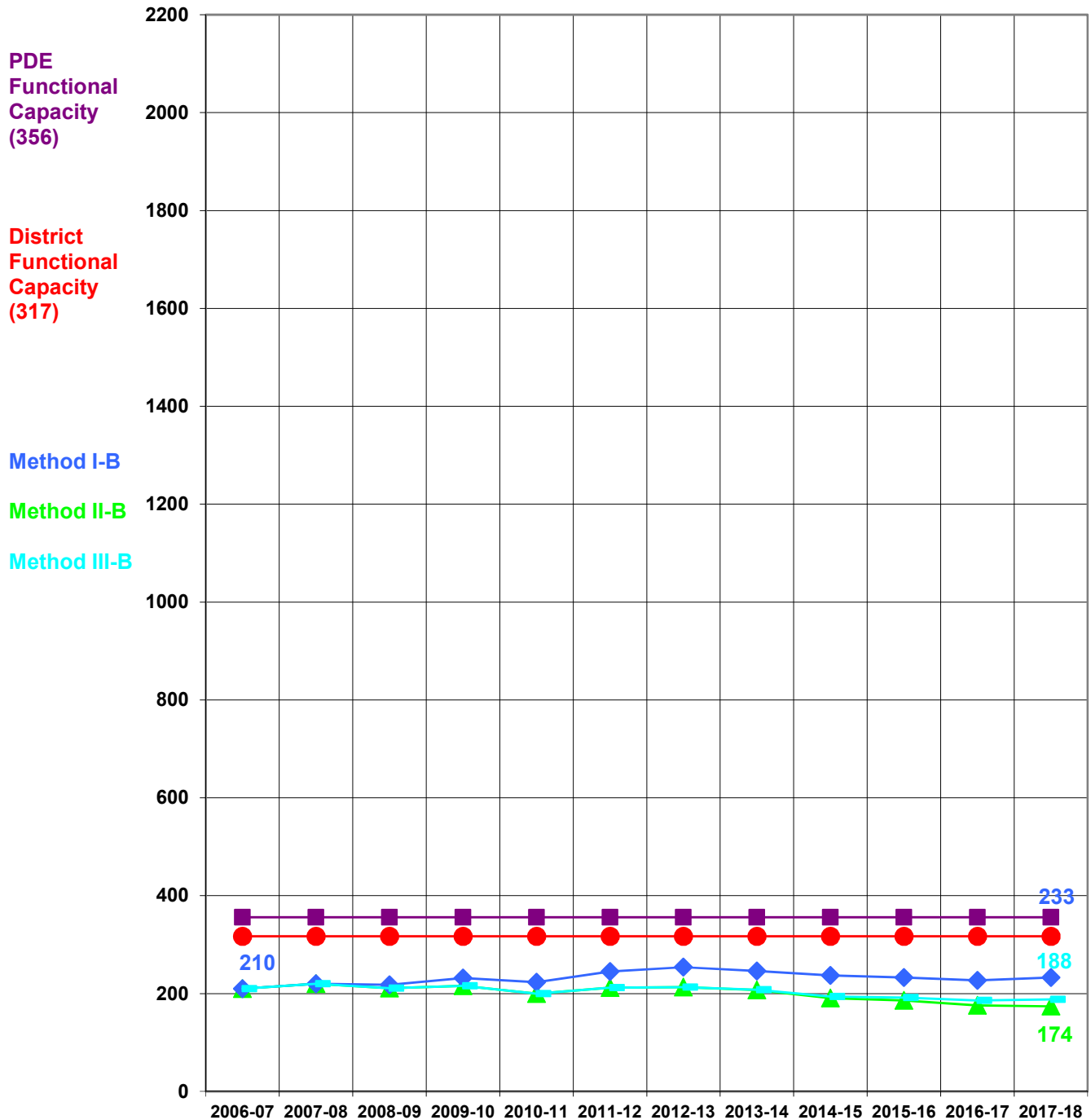
Projected Student Enrollment (K-5) vs. Current Building Capacity

TABLE 55 - Hyndman Schools (Hyndman-Londonderry Elementary School)



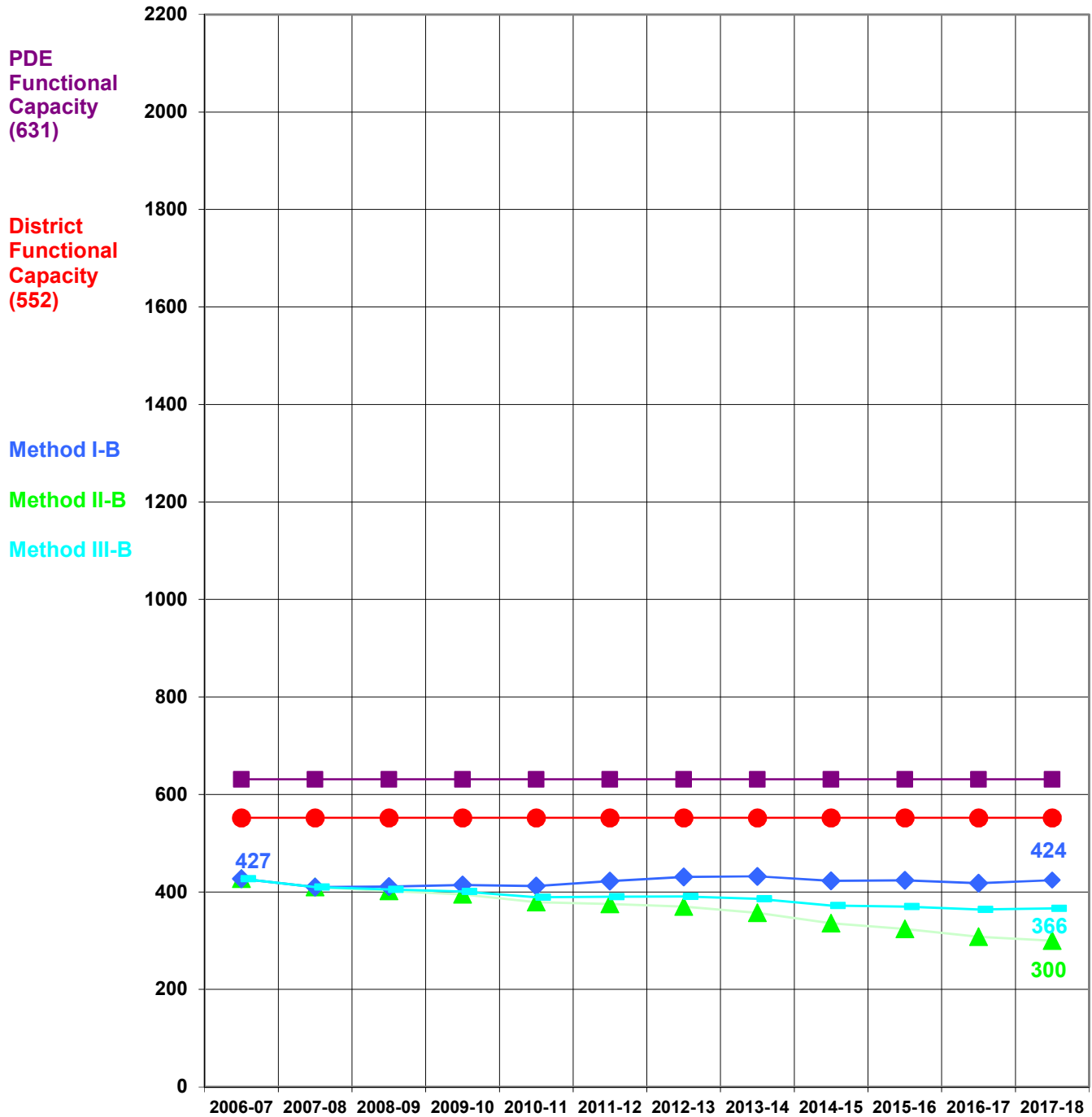
Projected Student Enrollment (6-8, 9-12) vs. Current Building Capacity

TABLE 56 - Hyndman Schools (Hyndman Middle / Sr. High School)



Projected Student Enrollment (K-12) vs. Current Building Capacity

TABLE 57 - Hyndman Schools



EXISTING BUILDING CAPACITY

K-5 ELEMENTARY SCHOOLS

Existing Adjusted Capacity

	BEDFORD ELEMENTARY			HYNDMAN-LONDONDERRY ELEMENTARY		
Educational Space	No.	Dist. FTE	PDE FTE	No.	Dist. FTE	PDE FTE
Half Day Kindergarten		0	0		0	0
Full Day Kindergarten	7	140	175	2	40	50
First Grade Classroom	7	140	175	2	40	50
Second Grade Classroom	7	140	175	2	40	50
Third Grade Classroom	6	138	150	1	23	25
Fourth Grade Classroom	6	138	150	2	46	50
Fifth Grade Classroom	6	138	150	2	46	50
Support Classroom		0	0	1	25	25
Reg. Clsrm. < 660 SF Pre Kindergarten				1	0 20	0 25
Special Education Clsrm. S.E. Seminar / S.G.I.	5			2		
Media Center	1			1		
Small Group Instruction	8					
Large Group Instruction	1					
Computer Lab	1			1.5		
Art Classroom	1					
Art / Music Classroom	1			1		
Music Classroom	1					
Gymnasium / Multi-Purpose Rm	1			1		
Locker Room						
Stage / Platform	1			1		
Student Dining						
Kitchen Areas	1			1		
FUNCTIONAL CAPACITY		834	975		235	275
TOTAL CAPACITY		834	975		280	325
SPECIAL EDUCATION CAPACITY		50	125		20	50

P.D.E. Capacity: 25 students per classroom. District Capacity: Grades K-2 = 20 students per classroom; Grades 3-5 = 23 students per classroom; Grades 6-12 = 25 students per classroom; S.E. Capacity = 10 students per classroom.

Elementary *Functional Capacity* includes Graded Classrooms, while the *Total Capacity* also includes Support Classrooms that are needed to support the educational program including Pre-Kindergarten. *Special Education Capacity* is not included in the Functional Capacity or Total Capacity.

The Existing building capacity may have been adjusted to represent the intended or adjusted use of space, therefore, showing respective support classrooms including Art, Music and Computer Education spaces.

EXISTING BUILDING CAPACITY

6-8, 9-12 SECONDARY SCHOOLS

Existing Adjusted Capacity

	BEDFORD MIDDLE SCHOOL			HYNDMAN MIDDLE/SR H.S.			BEDFORD HIGH SCHOOL		
Educational Space	No.	Dist. FTE	PDE FTE	No.	Dist. FTE	PDE FTE	No.	Dist. FTE	PDE FTE
Reg Clsrm 660+ SF Reg Clsrm < 660 SF	14	350	350	8	200	200	16 4	400	400
Special Education Clsrm. Spec. Educ. Seminar / S.G.I.	2 4			1 2			3 3		
Media Center T.V. Studio Small Group Instr / Student Activity Large Group Instruction	1 1			1 1			1 1		
Science Classroom Science < 660 SF	2	50	50	1	25	25	3 1	75	75
Science Lab Business Clsrm	1	20	20	1	20	20	3 1	60	60
Computer Lab	2	40	40	1	20	20	4	80	80
Art Classroom Music Classroom	1 1	20 25	20 25	1 1	20 25	20 25	1 1	20 25	20 25
Band / Orchestra / Choral Family & Consumer Science	1 1	25 20	25 20		0 0	0 0	1	0 20	0 20
TE Shop TE Shop <1800 sf Vo Ag Shop w/ Clsrm	2 0	40 0	40 0	1 0	20 0	20 0	1 0	0 0	0 0
Gymnasium Auxiliary Gymnasium Adaptive Gymnasium	1 0	66 0	66 0	1 0	66 0	66 0	1 1 1	66 33	66 33
Locker Room / Team Room Weight / Wrestling / Cardio Rm Training Room	2 1			2 2 1			3 2 1		
Stage / Platform Auditorium Student Dining Kitchen Areas	 1 1			 1 1			 1 1		
District Administration Offices							1	19	19
FUNCTIONAL CAPACITY		525	590		317	356		643	724
TOTAL CAPACITY		525	590		317	356		643	743
SPECIAL EDUCATION CAPACITY		30	75		20	50		40	100

P.D.E. Capacity = 90% Utilization Factor; District Capacity = 80% Utilization Factor. District Special Education Capacity = 10 students per classroom.

Secondary *Functional Capacity* includes all spaces that receive capacity except the District Administration Offices, while the *Total Capacity* also includes the District Administration Offices. *Special Education Capacity* is not included in the Functional Capacity or Total Capacity.

BUILDING CAPACITY OVERVIEW

Explanation of Building Capacity and Adjustments

To properly analyze the impact of students on the Bedford Area School District and its facilities, one must look at the functional capacity of the existing schools. The Pennsylvania Department of Education had established State standards and guidelines which, coupled with the District's program, can produce a rather straight forward calculation. The current use and State standards have been used to determine the building capacity. These capacities are then compared to the enrollment projections provided in this section of the Study.

The comparison between student projections and building capacities is shown in graphic illustration for the K-5; 6-8; 9-12; 6-12; and K-12 grade alignments.

The current building capacities have been evaluated and adjusted by the following:

1. Capacity evaluation of current educational spaces against the Pennsylvania Department of Education (P.D.E.) guidelines for room size:
 - a. Classrooms under 660 s.f. receive no capacity.
 - b. Secondary spaces under 1,800 s.f. for Technology Education receive no capacity.
 - c. Spaces must meet respective P.D.E. minimum size requirements to receive capacity.
2. Present use of space for activities other than original intent:
 - a. Areas far too small to permit functional efficiency.
 - b. Media Centers or other core facilities much smaller than recommended by guidelines.
 - c. Absence of space recommended for some functions.
 - d. Use of certain functional areas for general storage.
 - e. Use storage spaces for instructional areas.
3. Evaluation of building on Code requirements of physical facilities (i.e., toilet rooms).
4. Evaluation of specialized instruction beyond basic curriculum (i.e., music, art, learning support, speech and language, Chapter 1, gifted and talented, and ancillary facilities for staff).

Future needs must look beyond merely a comparison between population and capacity projections. There is a need to look at curriculum, special programs, classroom size for all programs, and use of space not designed for current use.

BUILDING CAPACITY OVERVIEW

Explanation of Building Capacity and Adjustments

Elementary Level

The Pennsylvania Department of Education (P.D.E.) assigns 25 students per regular classroom greater than 660 s.f. for the purposes of formulating State reimbursement.

There is a phenomenon at the Elementary level within School Districts that have multiple buildings to assign students from various regions, or neighborhoods. This phenomenon also is compounded by the fact that students do not always come in even increments of 25 students per grade, per classroom; therefore, the student efficiency of classrooms is not always 100%. In addition to this phenomenon, most School Districts prefer smaller classroom sizes at the Elementary level.

District capacities, therefore, also are provided for comparison with enrollment projections. In the case of the Bedford Area School District, the District guidelines are 20 students per classroom for Kindergarten through Second Grades and 23 students per classroom for Third through Fifth Grades; while Special Education Capacity is 10 students per classroom.

For the purpose of this study, Elementary *Functional Capacity* includes Graded Classrooms, while the *Total Capacity* also includes Regular Support Classrooms that are needed to support the educational program including Pre-Kindergarten Classrooms. These Regular Support Classrooms could temporarily serve as enrollment "bubble" classrooms. Elementary Schools typically do not receive capacity for other support spaces such as Art, Music and Computer Labs because when students are using these spaces their respective classrooms are unoccupied. While Special Education Capacity is listed separately and not included in the Functional Capacity or Total Capacity, it is included in reimbursement calculations.

Secondary Grades

Students typically move between classes at the Secondary Level. Therefore, P.D.E. assigns capacity to specific instructional spaces that meet minimum size requirements. Regular classrooms greater than 660 s.f. receive a capacity of 25 while Laboratory spaces receive a capacity of 20. Since scheduling the facility at 100% is unlikely, a capacity utilization factor is then applied to the total. P.D.E. uses a capacity utilization factor of 90%, while the District uses a capacity utilization factor of 80%. The Special Education Capacity is 10 students per classroom.

For the purposes of this study, Secondary *Functional Capacity* includes all spaces that receive capacity with the exception of the DAO offices, while the *Total Capacity* also includes the District Administration Offices. While Special Education Capacity is listed separately and not included in the Functional Capacity or Total Capacity, it is included in reimbursement calculations.

EDUCATIONAL PROGRAM REQUIREMENTS

Overview of Bedford Area School District Educational Program

Organization Description

The Bedford Area School District is a rural district located in Bedford County Pennsylvania. The school community represents four Boroughs and six Townships covering 300 square miles. The district enrollment is 2,350 students, organized in two grades K-5 elementary schools, one grades 6-8 middle school, one grades 6-12 middle/senior high school and one grades 9-12 senior high school.

Bedford Elementary School

Bedford Elementary is the newest facility in the school district, approaching the ten-year anniversary of opening this spring. The building became a reality after five outlying elementary buildings were closed to combine into one building; Bedford Elementary.

The facility houses grades kindergarten through fifth grade with approximately 850 students. The students are exposed to a core curriculum of mathematics, reading/language arts, science and social studies. In addition students are involved in physical education, art, music, library and computer laboratory time. Bedford Elementary promotes character education through the BEST Program. Each nine weeks, students are exposed to a character trait to model. The four character traits are Respect, Responsibility, Compassion and Perseverance. Behind the elementary is the Environmental Center with approximately 24 acres of land, a cabin for students to have learning activities, trails and learning centers throughout the wilderness area. The staff of Bedford Elementary uses the motto: "Bedford Elementary...helping students be the BEST they can while building the foundation of life-long learning".

Hyndman-Londonderry Elementary School

Hyndman-Londonderry Elementary School is located at 233 School Drive in the borough of Hyndman. The building will be in operation for 50 years at the beginning of the 2008-2009 school year.

Hyndman-Londonderry services 190 students grades K-12 and an additional 14 students in the Pre-K program administered by the Learning Lamp. Our students receive education in the core academic areas of reading, language arts, math, social studies, and science with additional classes in music, library, art, and gym. The students also have access to the additional services on a guidance counselor, learning support, speech, gifted education, and Title I Reading.

Bedford Middle School

BMS is located at 440 East Watson Street in the borough of Bedford. The building is celebrating its 28th year of operation and has a student population of approximately 450 students in grades 6-8.

Students are provided an array of opportunities and experiences while focusing on a core academic curriculum. Subjects include math, reading, language arts, social studies, humanities, science, technology, music, art, family consumer science, industrial art, health and physical education. There is a team of learning support teachers as well as a guidance counselor and SAP team to address specific needs of students. There is also a wide variety of extracurricular activities and athletic programs. BMS uses a team approach utilizing various teacher teams that meet regularly to assess student learning and school quality in an effort to sustain a safe, successful, and positive learning environment.

EDUCATIONAL PROGRAM REQUIREMENTS

Overview of Bedford Area School District Educational Program

Bedford High School

BHS is located at 330 East John Street in the borough of Bedford. The building is the centerpiece of the Bedford School District and has a student population of approximately 650 students in grades 9-12.

Students are provided with a broad range of academic and technical opportunities to prepare them for the changing global marketplace they will soon enter. Subjects include math, language, social studies, humanities, science, technology, graphics, CADD, careers, business music, art, consumer science, and a wide range of AP courses complimented by a dual-enrollment program. There is a learning support teacher to address the needs of each grade level, as well as a SAP team and guidance counselors to address specific student needs. BHS offers a wide variety of extracurricular activities and athletic programs for students to participate. BHS uses a teacher leadership model to address the changing educational needs of our students and to continue a program of excellence in meeting our district mission to SELL Success (Students Empowered for Life-Long Success).

Hyndman Middle Senior High School

Hyndman Middle Senior High School is located at 130 School Drive in the Borough of Hyndman. The building will be in operation for 55 years at the beginning of the 2008-2009 school year.

HMSHS services 121 senior high students and 105 middle school students. Hyndman Middle Senior High School is a combination of a middle school and a high school. While both groups are in the same building there is a clear distinction between the two groups. In the middle school, our students receive education in the core areas of language arts, math, history, and science. Students also receive additional classes in physical education, music, library, technology, and technical education. Middle school students also have access to a guidance counselor, learning support, gifted education, and SAP. In addition to educational program, students have access to a wide variety of extracurricular activities and athletic programs.

In the high school, students complete 4 credits of English, 3 credits of history, 3 or 4 credits of math, 3 or 4 credits of science, 2 credits of health and personal fitness, 1 credit of fine art. Students complete a total of 24 credits. In addition to core subjects, our students have access to electives in foreign languages, physical education, music, technical education, technology, business education, art, math, history, yearbook, journalism, and science. Moreover, 11th and 12th grade students have the opportunity to take at least two college classes annually. Also, senior high school students have access to the Bedford County Technical Center. Senior school students also have access to a guidance counselor, learning support, gifted education, and SAP. In addition to educational program, students have access to a wide variety of extracurricular activities and athletic programs. Also, the building houses a multiple disability classroom administered by Appalachia Intermediate Unit 8.

Bedford County Technical Center

The Bedford County Technical Center is a career and technical school operated by the Bedford Area School District and the Everett Area School District. The school offers a variety of secondary training programs both on site and at the home schools. Building Trades, Welding, Information Technology, Automotive, Cosmetology, Health Technologies, Culinary Arts, Production Technology, Engineering Technology, Accounting, and Childcare are offered. The mission of the Technical Center is not only to develop workplace skills for students in trade areas, but to use the technology infrastructure of the school to connect students to learning. The acquisition of many Pennsylvania State Standards is supported by planned instruction in the technological areas.

EDUCATIONAL PROGRAM REQUIREMENTS

Overview of Bedford Area School District Educational Program

Core Purpose

Mission

Students Empowered for Life Long Success - SELL Success

Vision

The Bedford Area School District vision is encompassed in the following eight indicators.

1. The curriculum of the District is flexible and meets the needs of all students.
2. Assessment shows real-time performance data that is continuously used to determine the effectiveness of instruction for individual students.
3. The capital investments of the district (grounds, buildings, equipment, and vehicles) are planned for and maintained to be safe, meet the needs of the various programs, and create a positive educational atmosphere for both students and community.
4. Stakeholder groups within the community are involved in various aspects of the school program.
5. Instruction is individualized, incorporating the best-known practices of the time and possessing the flexibility to accommodate various learning styles.
6. Leaders in the District are dynamic and passionate individuals who embrace the core values, beliefs and mission of the District. Decisions are future focused, data driven and student centered.
7. Personnel are highly qualified and demonstrate integrity, compassion, trust and respect for others in the learning community. Personnel utilize technology to expand learning opportunities beyond the school walls. Data informed decisions drive instruction for individual student success.
8. Technology is an integral part of every classroom enhancing learning opportunities and linking students to worldwide educational opportunities.

Shared Values

Members of the Bedford Area School Community share the following values:

1. Integrity demonstrated by people that understand, consider, and accept the impact and consequences of personal actions and decisions. Integrity includes within it being trustworthy to the people and principles of the school community and loyal to the people and profession with whom and within which they work.
2. Respect which includes compassion for the well being of others and their environment through acts of caring, generosity, kindness, service and fairness.
3. Responsibility embodied in a strong work ethic and citizenship. Responsible people strive for excellence, taking pride in their work, always giving their best efforts and contributing to the well being of their communities as responsible citizens acting in positive and creative ways.
4. Persistence as shown by the desire and willingness to pursue goals and visions in spite of adversity or difficulties because the attainment of them is best for the school people and the school community.

EDUCATIONAL PROGRAM REQUIREMENTS

Overview of Bedford Area School District Educational Program

Goals

Goal: BROADEN INSTRUCTIONAL AND ASSESSMENT ACTIVITIES OF TEACHERS

Description: Deepen essential content knowledge and expand instructional and assessment skills.

Goal: COMMUNITY INVOLVEMENT

Description: Increase community involvement in the schools.

Goal: FOUR-YEAR GRADUATION RATE (for districts and schools that graduate seniors)

Description: Graduation rate will meet an 80% threshold and/or show growth.

Goal: IMPROVING THE TEACHING AND LEARNING ENVIRONMENT

Description: To provide opportunities for all professional personnel to enhance teaching effectiveness, understand student learning, deal effectively with classroom disruptions, participate on quality councils for school improvement and on learning teams to implement change to enhance student achievement.

Goal: MATHEMATICS

Description: At least 45% of all students will be proficient in Mathematics, as measured by the annual state-wide PSSA assessments.

Goal: READING

Description: At least 54% of all students will be proficient in Reading, as measured by the annual state-wide PSSA assessments.

Goal: SPECIAL EDUCATION

Description: Students with disabilities will demonstrate continued educational progress in the least restrictive environment.

Goal: STANDARDS AWARENESS, DEVELOPMENT AND IMPLEMENTATION

Description: To provide opportunities that focus on standards awareness, development and implementation.

Goal: STUDENT ATTENDANCE

Description: Student attendance will meet a 90% threshold and/or show growth.

Goal: STUDENT PARTICIPATION IN STATE ASSESSMENTS

Description: At least 95% of eligible students will participate in required state-wide assessments.

Goal: TECHNOLOGY

Description: Technology is an integral part of every classroom enhancing learning opportunities and linking students to worldwide educational opportunities.

EDUCATIONAL PROGRAM REQUIREMENTS

Overview of Bedford Area School District Educational Program

Academic Standards

The PA Academic Standards shall guide the Bedford Area School District educational curriculum in the following areas:

1. Reading, writing, speaking and listening
2. Mathematics
3. Science and technology
4. Environment and ecology
5. Social studies including History, Geography, Civics and government, and Economics
6. Arts and humanities
7. Career education and work
8. Health, safety and physical education
9. Family and consumer science
10. World languages.

The academic standards describe the knowledge and skills that students will be expected to demonstrate at the proficient level. The Bedford Area School District will provide for the attainment of the academic standards as per Chapter 4, Section 4.12.

Graduation Requirements

Beginning with the class of 2007, in order to be eligible for graduation from the Bedford Area School District, a student shall meet the requirements of completing the required courses of planned instruction at the District defined Basic level or above, complete a culminating project, and demonstrate mastery of the PA Academic Standards by either attaining a score at the state performance level of proficient or advanced on the PSSA or other reliable and valid local assessment(s) aligned with the state standards or by completing the graduation requirements outlined in the students Individual Educational Plan. These requirements are further described below

Planned Instruction Requirements for Grades Nine through Twelve

Subject	Credits
English	4 credits

EDUCATIONAL PROGRAM REQUIREMENTS

Overview of Bedford Area School District Educational Program

Graduation Requirements continued

Mathematics	4 credits (3 math credits with 4 science credits)
Science	4 credits (3 science credits with 4 math credits)
Social Studies	3 credits
Driver's Ed. (classroom)	0.25 credit
Music	0.5 credit
Health/Safety/PE	2 credits
Library Science	0.25 credit
Fine Arts	0.25 credit
Family & Con Science	0.25 credit
Senior Humanities or	1 credit
Senior Career Course	
Technology Applications	0.5 credit

Beginning with the graduation class of 2010, in order to be eligible for graduation from the Bedford Area School District, a student shall have completed a course for credit taken using electronic engagement to complete the requirements.

District Grading Structure

A	93 to 100 percent	Superior
B	83 to 92 percent	Advanced
C	73 to 82 percent	Proficient
D	65 to 72 percent	Basic
F	64 and below	Below Basic

EDUCATIONAL PROGRAM REQUIREMENTS

Overview of Bedford Area School District Educational Program

Goals, Strategies and Activities

Measurable Annual Improvement Targets

Early in the school year, each school in the BASD shall, through a team of teachers, administrators, and other school staff, review the student achievement data including PSSA scores, attendance, graduation rate if a high school, percentage of failure or retention and other pertinent local data to determine the overall success of the curriculum and instruction. Recommendations from the school group will be taken to the school learning team by the school administrator and suggestions made to the school and central office administration for improvement.

Within each school, each grade level team, or curriculum team in the case of a high school, will annually review the collected achievement data for the students who were in the grade level or content area the previous year and create a written report to the principal about student achievement along with any suggestions.

Each school in the District shall annually, through a structure entitled the Quality Council, evaluate through the use of attendance data, disciplinary records, student surveys and any other collected data the safeness of the school environment in terms of physical safety, emotional safety, and social safety for students and staff.

In the Bedford Area School District, all students and disaggregated subgroups of students with 40 or more members will show continuous sustained improvement in math. Evidence of improved student achievement in math for the students and subgroups will be the following percentage of students attaining a score of proficient or advanced on the PSSA in the following years: 2007 - 45%, 2008 - 48.67%, 2009 - 52.33%, 2010 - 56%, 2011 - 67%, 2012 - 78%

In the Bedford Area School District, all students and disaggregated subgroups of students with 40 or more members will show continuous sustained improvement in reading, speaking, and listening. Evidence of improved student achievement in reading, speaking, and listening for the students and subgroups will be the following percentage of students attaining a score of proficient or advanced on the PSSA in the following years: 2007 - 54%, 2008 - 57%, 2009 - 60%, 2010 - 63%, 2011 - 72%, 2012 - 81%

Curriculum, Instruction and Instructional Materials

The curriculum of the Bedford Area School District is uniquely engaging and aligned with the state standards to meet the needs of each student. The curriculum is continually evolving to include current trends in research to empower life-long learning.

Indicators of success will be as follows:

- Students are successful meeting or exceeding state standards as evidenced on the PSSA.
- Each student exhibits growth.
- The curriculum is periodically evaluated, adapted and updated to meet current student needs.

When operating at it's ideal best, instruction in the Bedford Area School District will be individualized, incorporating the best known practices of the time and possessing the flexibility to accommodate various learning styles.

EDUCATIONAL PROGRAM REQUIREMENTS

Overview of Bedford Area School District Educational Program

Indicators of success will be as follows:

- Students are engaged.
- Teachers use multiple instructional strategies.
- Each student's learning style is identified and accommodated.

Curriculum, instruction and instructional materials will be selected and employed as per the following:

- will motivate students to become self-directed learners.
- are appropriate to student's developmental levels.
- are delivered based upon students' educational needs.
- correspond to the predominant learning style of each student.
- are based on best practice.
- are delivered using the most efficient and effective teaching strategies.
- align with Pennsylvania State Standards.
- use technology to enhance instruction.
- utilize community resources to connect students to learning.
- creates a psychologically safe environment for students to learn.

Assessments and Public Reporting

Real-time performance data is continuously used to determine the effectiveness of instruction for individual students. The school district and teachers consistently plan instruction to advance student learning based upon the performance data. All stakeholders have immediate accessibility to appropriate data.

Assessment indicators of success are as follows:

- The ability to collect real-time individual student data.
- The stakeholders' ability to access and interpret data.
- That student performance will show measurable improvement.

In the Bedford Area School District, students in grades Kindergarten through 11 will be assessed to determine the degree to which students are achieving academic standards using assessment instruments that are specifically aligned to the state standards in reading and math. Through the use of formative assessments, teachers of students in grades Kdg through grade 7 will receive feedback about their students achievement three times per year. Through the use of summative state assessments or assessments that are valid and reliable at measuring state standards in reading and math, teachers of students in grades 3 through 11 will receive feedback about how the students they taught the previous year achieved on reading and math state standards.

The formative information will be used to adjust the curriculum, delivery, and learning experiences throughout the year and the summative assessments will be used to adjust curriculum, delivery, and learning experiences for students coming into those grade levels.

Each year, a report will be made relative to students successes on the state PSSA and delivered to the school board at a public meeting in September or October. In addition, the annual district newsletter and individual building newsletters will carry information about how parents can access the school district's report card on the PDE website.

EDUCATIONAL PROGRAM REQUIREMENTS

Overview of Bedford Area School District Educational Program

Targeted Assistance For Struggling Students

Targeted assistance for struggling students will take the form of the following:

Kindergarten – Need for remediation is identified through weekly evaluations, student progress on report cards and teacher observation. Individual teachers remediate two times per week in the areas of reading and/or math.

Grade 1 – Need for remediation is identified through authentic assessments, DIBELS, report card grades and teacher observation. Reading remediation is done through Title I, small group work and a weekly reading anchor that is completed in each classroom. Math remediation is done during the additional math periods that are scheduled three days per week.

Grade 2 – Need for remediation is identified through authentic assessments, DIBELS, report card grades and teacher observation. Reading remediation is completed in the individual classroom by the classroom teacher and in Title I. Math remediation is completed during one additional math period per week (presently focusing on math facts).

Grade 3 – Need for remediation is identified through a review of the academic standards/ eligible content pre and post tests, teacher input from report cards, observations and the 4Sight assessments. Three groups are created after each pre test and include: one group that is remediated and two that are enriched in the standard's content areas five times per week.

Grade 4 – Need for remediation is identified through the 4Sight test. Remediation takes place in math during the additional math period that is scheduled each day. Reading remediation is done in the individual classroom. The forth grade also uses SRA Reading as a reading remediation tool.

Grade 5 – Need for remediation is identified through the 4Sight assessment. Students are grouped for remediation into six groups that meet three times per week "Helping Everyone Learn Proficiently" (H.E.L.P.) to practice reading and math anchors.

Middle Level - Need for remediation will be identified through the use of 4Sight assessment and other in class assessments of students proficiency on state standards. A during the day tutoring program in math will occur for 6th and 7th grade students. Additionally, each day there is a 35 minute intensive tutorial period in which at least two adults assisting students who are not achieving at the proficient level in the school.

High School Level - An advisory program is being implemented in the high schools as part of the 720 high schools initiative and additional learning activities will be a product of the program. Students not scoring proficient on the PSSA will receive a remediation program the following year and re-assessed on the state test or other valid and reliable tests to determine proficiency.

Support for Struggling Schools

Students are invited to attend any school in the District where their grade configuration is taught if they are unable to reach achievement targets in the school they currently attend. Schools that experience failure to routinely meet the annual student achievement improvement targets will be required to follow the state school improvement process to determine needs and resources in order to move toward attainment of improvement targets.

EDUCATIONAL PROGRAM REQUIREMENTS

Overview of Bedford Area School District Educational Program

Qualified, Effective Teachers and Capable Instructional Leaders

Leadership

Persons holding leadership positions in the Bedford Area School District will be dynamic, passionate, and competent individuals. Their leadership embraces the core values, beliefs and mission of our district. Decisions are future focused, data driven, and student centered.

Indicators of Success:

- No interruption of services to students, staff and community during transition periods.
- Leadership assessment instrument reflects the districts leadership vision
- Data reflects a variety of individuals to assume leadership roles

Personnel

Highly qualified personnel will demonstrate integrity, compassion, trust and respect in the learning community. Personnel will continue to utilize technology to expand learning opportunities beyond the school walls. Data informed decisions will become second nature for personnel to drive instruction for individual student success.

Indicators of Success:

- More students proficient test scores reflect the change in using data.
- Drop down screens showing discussions with other countries, engaging in virtual tours (visual)
- The learning community is actively engaged in the learning process

District's and schools within the district have the goal of meeting AYP as per the state guidelines in the curriculum areas where such is measured. In addition, the District and it's schools seek to create a learning environment where students will be able to successfully do the following:

- acquire, analyze, and organize information from a variety of sources.
- evaluate information from a variety of sources and apply it to solve problems.
- apply learned information to new situations.
- transfer new knowledge to others.
- demonstrate effective communication skills to a variety of audiences.
- create meaningful learning goals to stay marketable.
- demonstrate time management skills to deal with saturation.
- creatively apply problem solving skills.
- demonstrate an initiative to understand arts and cultures.

The Bedford Area School District deploys its most effective and highly qualified teachers to meet the learning needs of students who are below proficiency or are at risk of not graduating by hiring only highly qualified teachers and providing staff development so that all teachers are equally effective. If the District administration believes a teacher does not meet those two criteria, the teacher will receive and unsatisfactory rating until such time as they do or until such time as they no longer work in the district.

EDUCATIONAL PROGRAM REQUIREMENTS

Overview of Bedford Area School District Educational Program

Parent and Community Participation

The District follows all guidelines and recommendations for the notification of parents of regular and exceptional students through information within the school, published on the District website, and published in the local newspaper. The District encourages and supports partnerships between community groups and the school system for education and community awareness related functions. The buildings of the District are extensively used by the community and through such relationships, additional partnerships have formed such as the School Community Council, a nonprofit entity that works to enhance the role of community in the schools.

The schools, particularly the elementary schools house out of district programs in after school child care, pre-kindergarten experiences, mentoring, tutoring, and other community and parent friendly programs.

The Elementary Schools have great participation by parents in family fun nights that have educational endeavors embedded in the activities at least twice a year.

The Middle School has parent friendly evenings and days where parents are invited into the schools to participate with their children in learning and fun activities.

The High School supports many parent groups who get involved as boosters, friends, committee participants and parent volunteers.

The District and community together believe that parents, businesses, and community members are empowered to be engaged in the education process, can articulate and support the mission of BASD, and play a meaningful role in education through their involvement and their expertise (job shadowing, mentoring, job fairs).

How we plan for and maintain our buildings, grounds, equipment, and vehicles.

- The school district buildings and grounds belong to the community. Stakeholders are welcomed
- Facilities are entrusted to the Stakeholders who serve as wise caretakers
- School district buildings and modes of transportation meet the physical and safety needs of students and stake holders
- Students and stake holders find a safe, healthy, and aesthetically pleasing learning environment
- Our facilities are flexible and can be changed to accommodate different types of learning
- Our capital investments are kept neat, and clean to create a positive educational atmosphere
- The school district facilities meet or exceed local, state, and federal building regulations and codes
- The school district facilities incorporate the latest technological advances

Education happens when the whole community is involved. The flow of cooperation and communication has no barriers.

Indicators of Success

- Teachers clamoring to be involved in the business community
- Business community clamoring to be involved in school life
- PTO has evolved into a stake holders organization K-12

Pre-Kindergarten Transition

No Pre-K Offered

**PART III
FACILITIES**

FACILITIES INTRODUCTION

This section of the Feasibility Study is a review of the existing Bedford Area School District Facilities including: Bedford Elementary School, Hyndman-Londonderry Elementary School, Bedford Middle School, Hyndman Middle/Senior High School and Bedford High School with District Administration Offices (DAO). All facilities include general data, plans, spatial evaluation, and a general investigation.

Following each building's floor plans, which show existing space utilization, is a general investigation identifying deficiencies, recommending solutions, and furnishing estimates of probable construction costs.

This analysis is based upon visits to the buildings and interviews with District personnel, current building codes, Department of Education standards, energy conservation measures, and the American Disability Act Accessibility Standards (ADA). The analysis is divided into seven major facility components: site, exterior, interior, heating/ventilation, plumbing, electrical, and code deficiencies per building. The Facility Evaluation Criteria is outlined on the following pages.

FACILITIES SUMMARY

Bedford Area School District Existing Facilities

The following information is included for each existing Facility: General Data, Exterior and Interior Building Photos, Aerial Site Views, Site Plan and Floor Plans, Room Schedule, Summary of Costs, and Building Improvements and Construction Costs data.

Bedford Elementary School



Built: 1996

Site size: 21 acres

Architectural Area: 115,105 SF

PDE Total Capacity: 975

PDE Replacement Value: \$16,056,300

20% Rule: \$ 3,211,260

Building Improvements and Construction Costs

Total Building: \$1,213,630

Hyndman-Londonderry Elementary School



Built: 1958, additions 1989

Site size: 11.8 acres

Architectural Area: 32,725 SF

PDE Total Capacity: 325

PDE Replacement Value: \$5,352,100

20% Rule: \$1,070,420

Building Improvements and Construction Costs

Total Building: \$2,500,450

FACILITIES SUMMARY

Bedford Middle School



Built:	1978
Site size:	21.5 acres
Architectural Area:	81,000 SF
PDE Total Capacity:	590
PDE Replacement Value:	\$12,990,030
20% Rule:	\$ 2,598,006
Building Improvements and Construction Costs	
Total Building:	\$9,158,922

Hyndman Middle / Senior High School



Built:	1951, additions 1976, 2002, and 2006
Site size:	32.4 acres
Architectural Area:	50,205 SF
PDE Total Capacity:	356
PDE Replacement Value:	\$7,838,052
20% Rule:	\$1,567,610
Building Improvements and Construction Costs	
Total Building:	\$2,795,925

Bedford High School



Built:	1888, additions 1927, 1934, 1946, 1954, & 1996
Site:	3.5 acres
Architectural Area:	177,390 SF
PDE Total Capacity:	724 (742 with DAO)
PDE Replacement Value:	\$16,336,614
20% Rule:	\$ 3,267,323
Building Improvements and Construction Costs	
Total Building:	\$1,671,700

The evaluation of the existing facilities are based upon visits to the buildings, interviews with District personnel, and our own experience with educational projects.

The following current, applicable codes and standards are used in the evaluation of the building and its systems / components:

- 2006 International Building Code Categories
- Americans with Disability Act (ADAAG 1994)
- Municipal Zoning Ordinance
- Other Codes used in the evaluation for compliance are the National Plumbing and Electrical Codes

The evaluation criteria are based upon the following categories: Accessibility / ADA, Building codes / Safety, Aesthetics / Environment, Performance / Energy, and Program and Facility requirements.

■ ACCESSIBILITY / ADA STANDARDS / COMPLIANCE

Facilities should provide access to all program areas and activities for all individuals, per the Americans with Disabilities Act Accessibility Guidelines, 1990 (ADA/ADAAG), as revised 1994. The Americans with Disabilities Act (ADA) is a civil rights act, effective 26 January 1992, enforced by the United States Justice Department and Civil Law, not a building code. It is comprised of five major sections (Titles I – V) as follows:

- TITLE I – Equal Employment Provisions (hiring)
- TITLE II – Nondiscrimination in State and Local Government Services (public buildings)
- TITLE III – Nondiscrimination by Public Accommodations (privately funded facilities)
- TITLE IV – Telecommunications Relay Services
- TITLE V – Provisions

Public schools are State agencies/local governmental unit and would fall under TITLE II. A public entity must ensure that individuals with disabilities are not excluded from services, programs, and activities because existing buildings are inaccessible. Public entities do not necessarily have to make each of their existing facilities accessible. They may provide program accessibility by a number of methods including alteration of existing facilities, construction of additional facilities, relocation of a service or program to an accessible facility, or provision of services at alternate accessible sites. Structural changes needed for program accessibility must be made as expeditiously as possible, but no later than 26 January 1995. Barrier removal need to be accomplished only when it is “readily achievable” to do so and technically feasible. Readily achievable means easily accomplishable and able to be carried out without much difficulty or expense. Alternatives may be considered to overcome such barrier or non-compliance.

■ ACCESSIBILITY / ADA STANDARDS / COMPLIANCE (Con't)

Alterations when made should be done in a manner that require compliance with the standards to the maximum extent feasible. An alteration is a change, which affects, or could affect, the usability of the building or facility. It also includes “elements,” such as door handles and faucet controls. If alterations are made to an area that contains a primary function, a path of travel to that area should be made accessible. The ADA addresses the issue of accessible design for large assembly areas, with the intent of integrating wheelchair seating with regular seating. That is, individuals in wheelchairs should have a line of sight compatible to the general body. Too often, wheelchair areas are confined to the back or to the front.

As part of the upgrading and alteration of District facilities, the District’s requirements for ADA compliance should reflect the overall integration of people who may wish to participate in activities within these facilities, and who may be on staff serving these facilities. The District may wish to review its policy, procedure, and practice, with regard to use at these facilities. The physically challenged person should have the ability to gain entry and be routed to seating easily. The required number of seats for the disabled should be located to allow for a maximum of seating location choices. The following areas are reviewed:

- (1) Provide the appropriate number of accessible parking spaces near entrance to all facilities.
- (2) Provide an accessible route from parking spaces to building entrances.
- (3) Provide accessible entrance at all facilities.
- (4) Provide proper signage both on the exterior, as well as on the interior, designed to guide, direct, and inform individuals with disabilities.
- (5) Provide accessible interior route to all primary activities and program areas.
- (6) Provide building elements (i.e. railings, doors, hardware, restrooms, drinking fountains, elevators, public telephone, seating, work stations, etc.) to allow same opportunities for individuals with disabilities.
- (7) Provide alternate solutions to move activities and program areas to accessible areas.

■ BUILDING CODES / SAFETY

Buildings must meet the codes that are applicable at the time of construction. Existing buildings may not meet the requirements of the most recent adopted codes, but are in compliance with the codes that were in effect at the time of construction or renovation.

Existing buildings as they stand are not required to meet current code simply due to the adoption of newer codes. Any new construction or renovations would be required to comply with the current applicable code.

The type, limit of area of work, and nature of work will be the determining factor as to the required level of compliance with the most recent adopted codes and be categorized under the following levels.

IEBC-SECTION 302 REPAIRS

302.1 **Scope.** Repairs, as defined in Chapter 2, include the patching or restoration of materials, elements, equipment, or fixtures for the purpose of maintaining such materials, elements, equipment, or fixtures in good or sound condition.

302.2 **Application.** Repairs shall comply with the provisions of Chapter 4 (not make building less conforming than before repair was undertaken).

IEBC-SECTION 303 ALTERATION-LEVEL 1

303.1 **Scope.** Level 1 alterations include the removal and replacement, or the covering, of existing materials, elements, equipment, or fixtures using new materials, elements, equipment, or fixtures that serve the same purpose.

303.2 **Application.** Level 1 alterations shall comply with the provisions of Chapter 5.

IEBC-SECTION 304 ALTERATION-LEVEL 2

304.1 **Scope.** Level 2 alterations include the reconfiguration of space, the addition or elimination of any door or window, the reconfiguration or extension of any system, or the installation of any additional equipment.

304.2 **Application.** Level 2 alterations shall comply with the provisions of Chapter 5 for Level 1 alterations, as well as the provisions of Chapter 6.

IEBC-SECTION 305 ALTERATION-LEVEL 3

305.1 **Scope.** Level 3 alterations apply where the work area exceeds 50 percent of the aggregate area of the building.

305.2 **Application.** Level 3 alterations shall comply with the provisions of Chapters 5 and 6 for Level 1 and 2 alterations, respectively, as well as the provisions of Chapter 7.

Facilities should meet the following health and safety issues:

- (1) Pedestrian and vehicular circulation paths should be well lighted and provide clear site lines and field of views.
- (2) Safe drop-off and pick-up areas should be provided with good separation from other functions.
- (3) Fences should be located at appropriate points to separate pedestrian activities from hazardous elements, and to protect individuals or property from attack.
- (4) Design of site elements should provide good drainage to prevent ponding or icy conditions.
- (5) Entrances and exterior doors should meet appropriate level of security to control unwanted visitors, and reduce risk of threats (key consideration where children are located.)
- (6) Correct any issues driven by user welfare or recognized health hazards.

■ AESTHETIC / ENVIRONMENT UPGRADES

All facilities require on-going maintenance attention at the current level or better. Preventative maintenance and repair will have a major effect on the appearance, while protecting the physical soundness of the facilities.

The facility should be enhanced by finishes and designs that exemplify the “state-of-the-art” in public accommodations. Finishes of walls should reduce reverberation and echo in event areas, and should add to the focal points. Carpet should support comfortable mobility, without creating resistance to equipment supports (i.e., crutches, canes, wheelchairs, moving AV equipment). Hard floor surfaces should be slip-resistant (0.6 coefficient wet/dry). Ceilings should maximize reflectance. Color contrasts between different surfaces should be distinct between floors, walls, and ceilings. Color should guide the eye from dark to light, to the focal points of events. The lightest areas in the lecture hall should be where speakers, presentations, projected images, and events are positioned. Material selection should also consider durability and maintenance.

The facilities should present an environment that is clean, pleasant, and enhances the activities within the space. Facilities should consider the following conditions:

- (1) Well balanced and flexible lighting.
- (2) Appropriate color selection and finish materials.
- (3) Interior finishes and products adequately installed and maintained. Replace worn, torn, or broken products.

■ PERFORMANCE / ENERGY UPGRADES

Beyond Code compliance, aesthetic quality, and nature of the environment, is the performance of the facilities and building systems. Since the installation of many of the building component systems, there have been significant advancements in technology. The design requirements for facilities are at a different standard today, and there is a need to improve the efficiency, where possible, and correct any outdated and obsolete items.

The facilities should operate at an energy efficient level and provide comfortable environment for all users.

An increase in the performance characteristics of several of the buildings' component systems, due to age and condition of existing system or a need to improve efficiency, causes the following upgrades:

- (1) Correct deficiencies with regard to extending the life of building systems and components.
- (2) Building envelope, lighting, mechanical, and other issues, related to energy conservation, should meet current standards and future concerns.

■ PROGRAM REQUIREMENTS AND UPGRADES

As the School District's student population changes and while facilities become older, the adequacy of building organization and spaces become more critical to meeting the current educational program.

The intent of the educational review is to help support the role of the District in determining the scope of any potential changes, improvements, or enhancements to meet both current standards as well as future visions. The following issues are reviewed that will be supportive of the District's Educational Program for the next 20 years:

- Classrooms that meet State standards for size and functions (provide instructional space that allows several types of teaching and learning activities.
- Current instructional practices require greater hands-on and group activities integrated with technology requiring greater space per school.
- A growing special educational population, coupled with the need for inclusion, requires more space for instruction and support positions.
- The number of meeting spaces for a range of size for conferences, teacher-parent, staff, and other interactions, which are properly located and have privacy.
- Use of technology and presentation space for staff and students (wireless laptops, projection systems, etc.)
- Are there current programs or activities that are located in appropriate rooms or areas due to size, location, or environment?
- Are required features of the learning environment missing, outdated, or not operational?
- Are community needs addressed?
- Review emerging educational offerings and trends.
- Review specialized facilities for Athletics, Performing Arts, or Fine Arts.
- Cafeteria and Food Service functions that meet current standards or desired accommodations.
- Administration and office areas that are adequate for modern educational facilities and provide supportive environment critical for today's population and needs.
- Address student needs that provide opportunities to perform and achieve adequate progress in learning and social development.

GENERAL DATA

Bedford Elementary School

Built:	1996
Site:	21 acres, located in a residential area with paved drives and parking, and play area.
Structure:	The School is a partial two-story structure with steel frame, masonry walls, concrete floors, and flat rubber roof. Non-combustible construction in accordance with the International Building Code.
Heating System:	2 natural gas, hot water boilers with a chiller for cooling (roof location).
Mechanical System:	Municipal water and sanitary systems
Electrical Service:	480/277 volt; 3-phase; 4-wire; 2000 amp
Systems:	Fire Alarm Emergency Lighting Data, CATB, Intercom Networks Telephone (wired through High School) Security / Card Reader
Architectural Area:	115,105 SF
PDE Replacement Value:	\$16,056,300 (975 FTE x 92sf = 89,700 x \$179/sf = replacement cost) \$ 3,211,260 (20% Rule)
PDE Total Capacity:	975

PHOTOGRAPHS

Bedford Elementary School



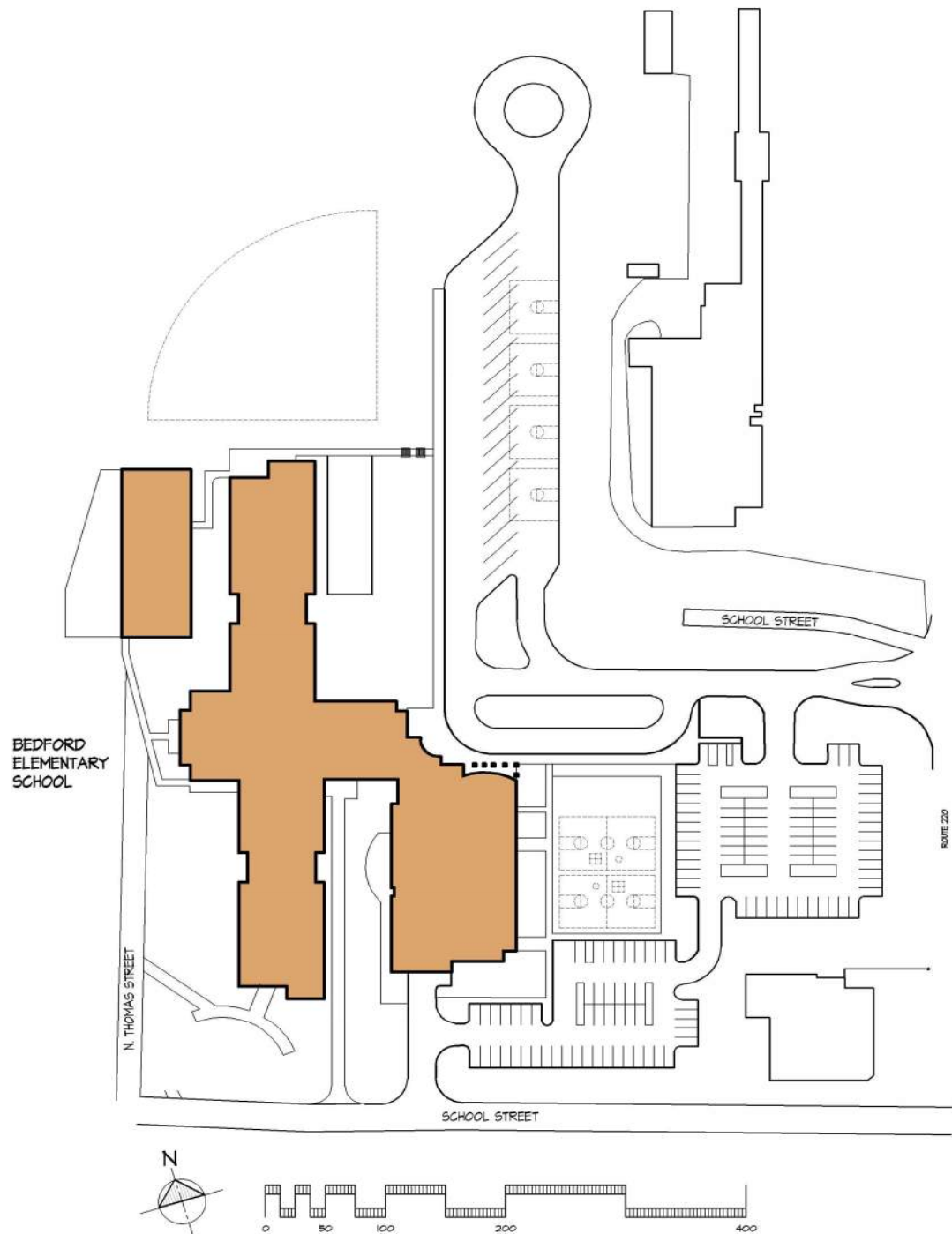
AERIAL VIEW

Bedford Elementary School



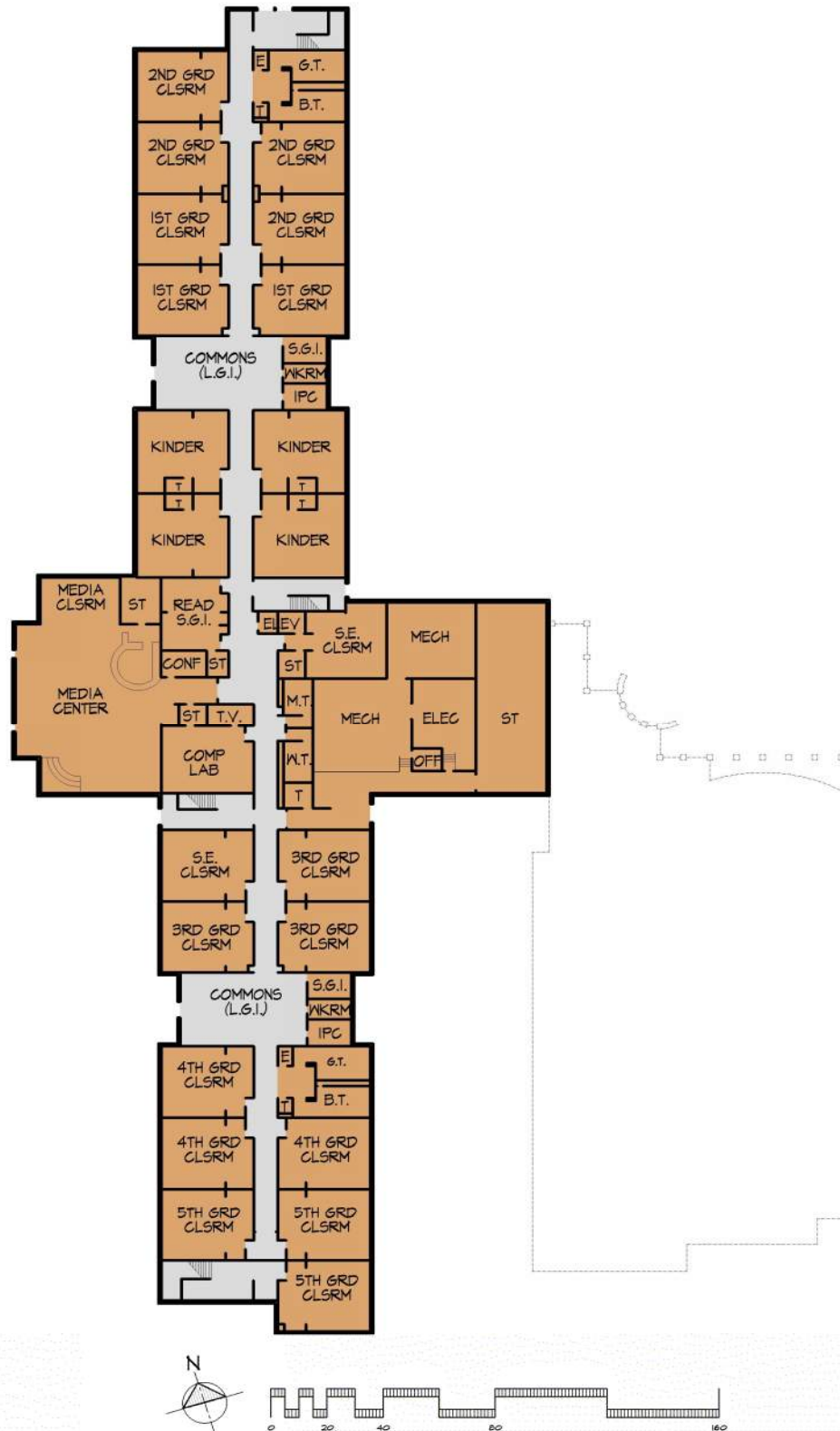
EXISTING SITE PLAN

Bedford Elementary School



EXISTING GROUND FLOOR PLAN

Bedford Elementary School



EXISTING FIRST FLOOR PLAN

Bedford Elementary School



EXISTING K-5 ROOM SCHEDULE

Bedford Elementary School

Educational Space	No.	Area	Total	Dist. FTE	PDE FTE
Half Day Kindergarten			0	0	0
Full Day Kindergarten	7	925	6,475	140	175
First Grade Classroom	7	845	5,915	140	175
Second Grade Classroom	7	845	5,915	140	175
Third Grade Classroom	6	845	5,070	138	150
Fourth Grade Classroom	6	845	5,070	138	150
Fifth Grade Classroom	6	845	5,070	138	150
Support Classroom			0	0	0
Reg. Clsrm. < 660 SF			0		
Pre Kindergarten			0		
Special Education Clsrm. S.E. Seminar / S.G.I.	5	860	4,300		
			0		
Media Center	1	4,010	4,010		
Small Group Instruction	4	150	600		
Small Group Instruction	4	550	2,200		
Large Group Instruction	4	1,945	7,780		
Large Group Instruction	1	2,070	2,070		
Computer Lab	1	890	890		
Computer Lab	1.0	885	885		
Art / Music Classroom	1.0	890	890		
Music Classroom	1	890	890		
Gymnasium / Multi-Purpose Rm	1	6,045	6,045		
Locker Room			0		
Stage / Platform	1	1,670	1,670		
Student Dining			0		
Kitchen Areas	1	3,310	3,310		
Administration / Guidance	1	4,115	4,115		
Health Suite	1	1,170	1,170		
Faculty Dining / Workroom	1	355	355		
Faculty / I.P.C.	8	130	1,040		
FUNCTIONAL CAPACITY				834	975
TOTAL CAPACITY				834	975
SPECIAL EDUCATION CAPACITY				50	125
SCHEDULED AREA			75,735	SF	
ARCHITECTURAL AREA			115,105	SF	

P.D.E. Capacity: 25 students per classroom. District Capacity: Grades K-2 = 20 students per classroom; Grades 3-5 = 23 students per classroom; Grades 6-12 = 25 students per classroom; S.E. Capacity = 10 students per classroom.

Elementary *Functional Capacity* includes Graded Classrooms, while the *Total Capacity* also includes Support Classrooms that are needed to support the educational program including Pre-Kindergarten. *Special Education Capacity* is not included in the Functional Capacity or Total Capacity.

The Existing building capacity may have been adjusted to represent the intended or adjusted use of space, therefore, showing respective support classrooms including Art, Music and Computer Education spaces. The area of existing spaces may be an average of the respective spaces.

SUMMARY BUILDING IMPROVEMENTS AND CONSTRUCTION COSTS

Bedford Elementary School

		Cost per SF
SITE EVALUATION	\$70,300.00	\$0.61 SF
EXTERIOR EVALUATION	\$0.00	\$0.00 SF
INTERIOR EVALUATION	\$1,580.00	\$0.01 SF
HEATING / VENTILATION EVALUATION	\$0.00	\$0.00 SF
PLUMBING EVALUATION	\$0.00	\$0.00 SF
ELECTRICAL EVALUATION	\$413,000.00	\$3.59 SF
CODE EVALUATION	\$728,750.00	\$6.33 SF
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TOTAL BUILDING	\$1,213,630.00	\$10.54 SF
RANK 1 TOTAL COST - REQUIRED	\$0.00	\$0.00 SF
RANK 2 TOTAL COST - RECOMMENDED	\$479,300.00	\$4.16 SF
RANK 3 TOTAL COST - OPTIONAL	\$734,330.00	\$6.38 SF

BUILDING IMPROVEMENTS AND CONSTRUCTION COSTS

Bedford Elementary School

	<u>Rank</u>	<u>Cost</u>
1. <u>Site Evaluation:</u>		
a. Repair cracking at the bituminous paving, seal, and repaint lines.	2	\$69,800.00
b. Replace the section of settled concrete sidewalk at the north Gymnasium exit door.	2	\$500.00
Total Site Evaluation Cost		\$70,300.00
2. <u>Exterior of Building Evaluation:</u>		
There are no apparent deficiencies.	N/A	\$0.00
Total Exterior of Building Evaluation Cost		\$0.00
3. <u>Interior of Building Evaluation:</u>		
a. Extend the fuel oil pipe vent that terminates in attic space to the exterior.	2	\$500.00
b. Replace the worn green carpet in the corridor, outside Room 138.	3	\$1,080.00
Total Interior Evaluation Cost		\$1,580.00
4. <u>Heating, Ventilation, and Air Conditioning Evaluation:</u>		
There are no apparent deficiencies.	N/A	\$0.00
Total HVAC Evaluation Cost		\$0.00
5. <u>Plumbing Evaluation:</u>		
a. There are no apparent deficiencies.	N/A	\$0.00
Total Plumbing Evaluation Cost		\$0.00

BUILDING IMPROVEMENTS AND CONSTRUCTION COSTS

Bedford Elementary School

	<u>Rank</u>	<u>Cost</u>
6. <u>Electrical Evaluation:</u>		
a. Install motion detectors for energy savings and daylighting.	2	\$400,000.00
b. Upgrade security and controlled access for surveillance and alarms.	2	\$7,500.00
c. Upgrade the existing wave reader 16 camera DVD system with the addition of 1 camera. Replace the key scan swipe card system at 5 doors with a proximity reader card system.	3	\$5,500.00
Total Electrical Evaluation Cost		\$413,000.00
7. <u>Code Evaluation:</u>		
The following items may be required depending on the level of work completed.		
a. Renovate the Kitchen counter / sink and toilet room at the Environmental Center to meet accessibility code.	3	\$4,300.00
b. The ramp access to the stage is not within the room and therefore, does not meet current code requirements.	3	\$45,000.00
c. Install a curb ramp at the teachers' entrance to meet accessibility code.	2	\$1,000.00
d. Lower the fire extinguisher cabinets to meet accessibility code.	3	\$1,000.00
e. Provide workstations and counters for handicapped in the Nurse's Suite, Administration Office, and Classroom A110.	3	\$39,600.00
f. Upgrade 1 boys' and 1 girls' gang toilet room, per floor, to comply with ADA requirements.	3	\$150,000.00
g. Upgrade 5 individual use toilet rooms to comply with ADA requirements.	3	\$55,000.00
h. Upgrade the men's and women's gang toilets, per floor, to meet accessibility requirements.	3	\$44,000.00

BUILDING IMPROVEMENTS AND CONSTRUCTION COSTS

Bedford Elementary School

	<u>Rank</u>	<u>Cost</u>
i. Install beveled stair nosing risers at all stair risers.	3	\$6,000.00
j. Add piping insulation packages to exposed piping below lavatories.	3	\$1,500.00
k. Install 5 accessible on-site parking spaces with signage.	3	\$1,500.00
l. Install a fire suppression system. Add a fire pump, piping, and controls, if insulation pressure is available. Add a 20,000 gallon underground storage tank if required.	3	\$379,850.00
Total Code Evaluation Cost		\$728,750.00
Total Building Cost		\$1,213,630.00

GENERAL DATA

Hyndman-Londonderry Elementary School

Built:	1958, with additions in 1989.
Site:	11.8 acres which are shared with the Middle / High School. The School is located in a residential area with paved drives and parking, and play area.
Structure:	The building is a one-story structure; wood and steel frame; masonry walls; concrete floors; and a flat rubber roof. Non-combustible construction in accordance with the International Building Code.
Heating System:	Rebuilt two hot water boilers, operation No. 2 fuel oil (new tank in 2003)
Mechanical System:	Domestic water heater. (operation No. 2 fuel oil (new in 2006)
Electrical Service:	208/120 volt; 3-phase; 4-wire; 600 amp
Systems:	Fire Alarm Emergency Lighting Data, CATV, Intercom Networks Telephone - wired through Middle / High School
Architectural Area:	32,725 SF
PDE Replacement Value:	\$5,352,100 (325 FTE x 92sf = 29,900 x \$179/sf = replacement cost) \$1,070,420 (20% Rule)
PDE Total Capacity:	325

PHOTOGRAPHS

Hyndman-Londonderry Elementary School



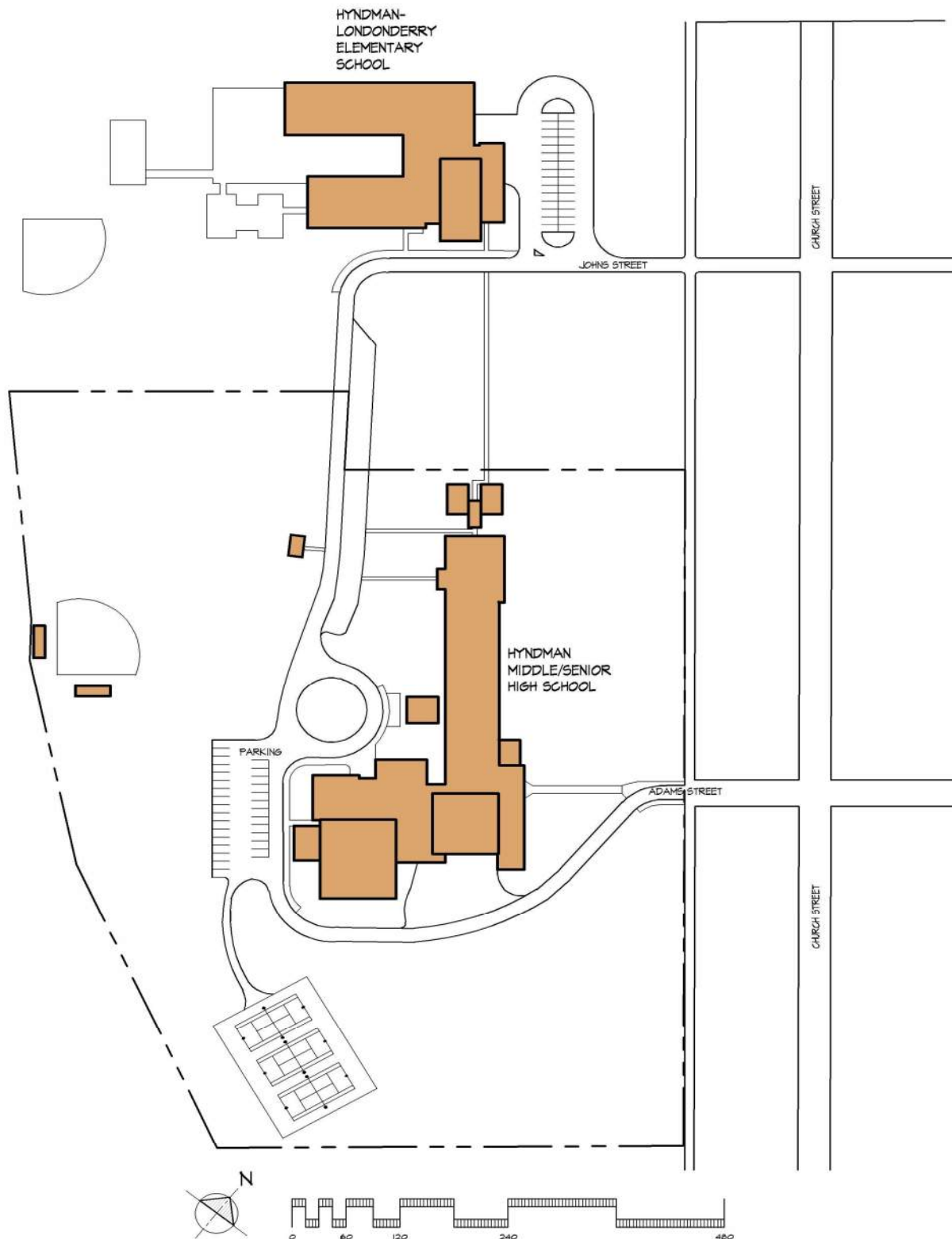
AERIAL VIEW

Hyndman-Londonderry Elementary School



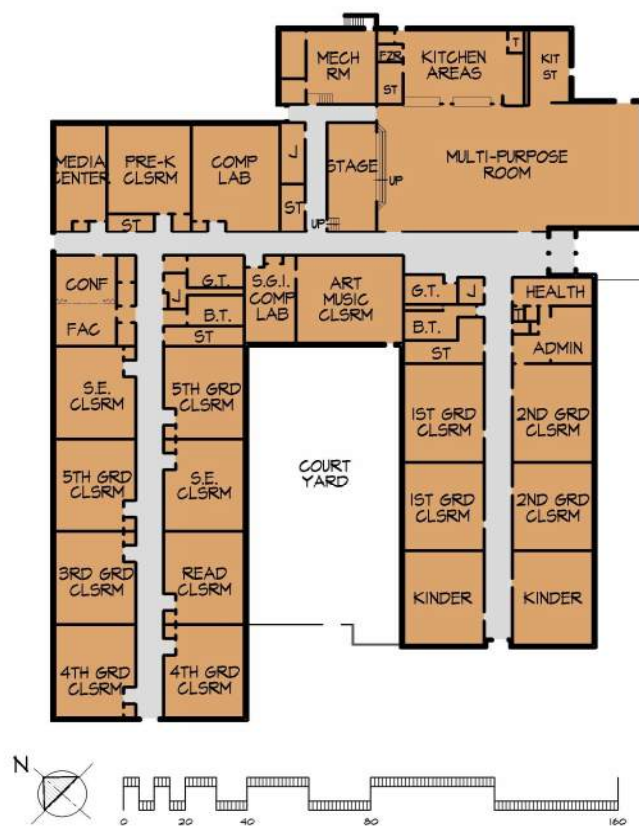
EXISTING SITE PLAN

Hyndman-Londonderry Elementary School



EXISTING FLOOR PLAN

Hyndman-Londonderry Elementary School



EXISTING K-5 ROOM SCHEDULE

Hyndman-Londonderry Elementary School

Educational Space	No.	Area	Total	Dist. FTE	PDE FTE
Half Day Kindergarten			0	0	0
Full Day Kindergarten	2	815	1,630	40	50
First Grade Classroom	2	850	1,700	40	50
Second Grade Classroom	2	850	1,700	40	50
Third Grade Classroom	1	800	800	23	25
Fourth Grade Classroom	2	800	1,600	46	50
Fifth Grade Classroom	2	800	1,600	46	50
Support Classroom	1	800	800	25	25
Reg. Clsrm. < 660 SF			0		
Pre Kindergarten	1	815	815	20	25
Special Education Clsrm. S.E. Seminar / S.G.I.	2	800	1,600		
			0		
Media Center	1	560	560		
Small Group Instruction			0		
Large Group Instruction			0		
Computer Lab	1	990	990		
Computer Lab	1	425	425		
Art Classroom			0		
Art / Music Classroom	1	985	985		
Music Classroom			0		
Gymnasium / Multi-Purpose Rm	1	3,570	3,570		
Locker Room			0		
Stage / Platform	1	560	560		
Student Dining			0		
Kitchen Areas	1	1,460	1,460		
Administration / Guidance	1	740	740		
Health Suite	1	295	295		
Faculty Dining / Workroom	1	320	320		
Faculty / I.P.C.			0		
FUNCTIONAL CAPACITY				235	275
TOTAL CAPACITY				280	325
SPECIAL EDUCATION CAPACITY				20	50
SCHEDULED AREA			22,150	SF	
ARCHITECTURAL AREA			32,725	SF	

P.D.E. Capacity: 25 students per classroom. District Capacity: Grades K-2 = 20 students per classroom; Grades 3-5 = 23 students per classroom; Grades 6-12 = 25 students per classroom; S.E. Capacity = 10 students per classroom.

Elementary *Functional Capacity* includes Graded Classrooms, while the *Total Capacity* also includes Support Classrooms that are needed to support the educational program including Pre-Kindergarten. *Special Education Capacity* is not included in the Functional Capacity or Total Capacity.

The Existing building capacity may have been adjusted to represent the intended or adjusted use of space, therefore, showing respective support classrooms including Art, Music and Computer Education spaces. The area of existing spaces may be an average.

SUMMARY BUILDING IMPROVEMENTS AND CONSTRUCTION COSTS

Hyndman-Londonderry Elementary School

		Cost per SF
SITE EVALUATION	\$83,200.00	\$2.54 SF
EXTERIOR EVALUATION	\$551,600.00	\$16.86 SF
INTERIOR EVALUATION	\$234,950.00	\$7.18 SF
HEATING / VENTILATION EVALUATION	\$514,000.00	\$15.71 SF
PLUMBING EVALUATION	\$80,000.00	\$2.44 SF
ELECTRICAL EVALUATION	\$630,000.00	\$19.25 SF
CODE EVALUATION	\$406,700.00	\$12.43 SF
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TOTAL BUILDING	\$2,500,450.00	\$76.41 SF
RANK 1 TOTAL COST - REQUIRED	\$27,300.00	\$0.83 SF
RANK 2 TOTAL COST - RECOMMENDED	\$602,700.00	\$18.42 SF
RANK 3 TOTAL COST - OPTIONAL	\$1,870,450.00	\$57.16 SF

BUILDING IMPROVEMENTS AND CONSTRUCTION COSTS

Hyndman-Londonderry Elementary School

	<u>Rank</u>	<u>Cost</u>
1. <u>Site Evaluation:</u>		
a. Repair ground area and seed at damaged section, adjacent to main drive.	3	\$300.00
b. Replace cracked and spalled concrete sidewalk at several locations.	2	\$3,500.00
c. Overlay paved bituminous parking lot and repaint parking lines.	2	\$75,400.00
d. Overlay paved bituminous walkway to the High School.	2	\$4,000.00
Total Site Evaluation Cost		\$83,200.00
2. <u>Exterior of Building Evaluation:</u>		
a. Replace the exterior entry doors and frames of the 1958 building and the exterior cafeteria door.	1	\$25,300.00
b. Repair cracking at the brick face.	2	\$4,000.00
c. Scrape peeling paint, repaint canopy, and support posts at the main entry.	1	\$1,000.00
d. Install new energy efficient windows in the 1958 building.	3	\$291,400.00
e. Paint the handrail / guardrail to the boiler room.	3	\$400.00
f. Replace the rubber roof at the 1958 building with new EPDM.	2	\$216,000.00
g. Clean brick on the 1958 building.	3	\$13,500.00
Total Exterior of Building Evaluation Cost		\$551,600.00

BUILDING IMPROVEMENTS AND CONSTRUCTION COSTS

Hyndman-Londonderry Elementary School

	<u>Rank</u>	<u>Cost</u>
3. <u>Interior of Building Evaluation:</u>		
a. Install new vinyl tile and rubber base in the 1958 building.	2	\$40,000.00
b. Replace damaged wall wainscot in the Multipurpose Room.	1	\$1,000.00
c. Replace gang toilet partitions in the 1958 building.	2	\$22,500.00
d. Paint rooms and corridors of the 1958 building.	2	\$27,500.00
e. Refinish the platform steps and floor.	2	\$7,800.00
f. Replace curtains and platform rigging.	3	\$50,000.00
g. In the 1958 building, replace the base cabinets that have sinks with new units.	3	\$4,250.00
h. Repair the cracked concrete masonry unit walls.	3	\$1,500.00
i. Install new carpet at the Faculty / Conference and Library Room in the 1989 building.	3	\$6,500.00
j. Install new acoustical tile ceilings in the Multipurpose Room.	3	\$13,700.00
k. Asbestos abatement (13,200 sf of vinyl asbestos tile)	3	\$46,200.00
l. Replace classroom chalkboards in the 1958 building with marker boards.	3	\$14,000.00
Total Interior Evaluation Cost		\$234,950.00
4. <u>Heating, Ventilation, and Air Conditioning Evaluation:</u>		
a. Upgrade the heating, ventilating, and cooling equipment that has exceeded its service life in the 1958 building.	3	\$504,000.00
b. Upgrade the ventilation system in the electrical / mechanical room.	3	\$10,000.00
Total HVAC Evaluation Cost		\$514,000.00

BUILDING IMPROVEMENTS AND CONSTRUCTION COSTS

Hyndman-Londonderry Elementary School

	<u>Rank</u>	<u>Cost</u>
5. <u>Plumbing Evaluation:</u>		
a. Replace faucets and flush valves with energy efficient / conservation trim units.	3	\$80,000.00
Total Plumbing Evaluation Cost		\$80,000.00
6. <u>Electrical Evaluation:</u>		
a. Replace the emergency generator.	3	\$25,000.00
b. Upgrade lighting and controls with motion detectors for energy savings and daylighting.	2	\$200,000.00
c. Upgrade the emergency lighting system throughout the building for energy savings.	3	\$50,000.00
d. Upgrade the platform lighting system.	3	\$15,000.00
e. Upgrade the power distribution system throughout the building.	3	\$200,000.00
f. Provide new technology wire management systems throughout the building.	3	\$125,000.00
g. Rework security vestibules and controlled access for surveillance and alarms.	3	\$7,500.00
h. Upgrade the closed circuit, remote access monitor with a 6 camera system. Extend coverage of the existing burglar system to cover the entire building. Install a proximity reader card system at 3 doors.	3	\$7,500.00
Total Electrical Evaluation Cost		\$630,000.00

BUILDING IMPROVEMENTS AND CONSTRUCTION COSTS

Hyndman-Londonderry Elementary School

	<u>Rank</u>	<u>Cost</u>
7. <u>Code Evaluation:</u>		
The following items may be required depending on the level of work completed.		
a. Install two curb ramps for accessibility.	2	\$2,000.00
b. Install exterior and interior accessibility signage.	3	\$10,000.00
c. Install a ramp to grade at the Kindergarten fenced play area for accessibility.	3	\$5,000.00
d. Replace four sets of double doors at the Multipurpose Room to meet accessibility code.	3	\$6,400.00
e. Install a lift to the platform.	3	\$45,000.00
f. Replace glass in the classroom doors, corridor doors, transoms, and display cases.	3	\$7,000.00
g. Renovate toilet at the Nurse's Office to meet accessibility.	3	\$7,500.00
h. Install lever hardware at doors.	3	\$21,000.00
i. Provide workstations and counters for handicapped in the General Office and Nurse's Office to meet accessibility code.	3	\$1,800.00
j. Upgrade the boys' and girls' gang toilets in the 1958 building to comply with ADA requirements.	3	\$72,000.00
k. Upgrade Faculty toilet rooms to comply with ADA requirements.	3	\$22,000.00
l. Replace / upgrade the fire alarm system.	3	\$65,000.00
m. Remount light switches to ADA heights.	3	\$25,000.00
n. Add piping insulation packages to exposed piping below lavatories.	3	\$500.00
o. Install a backflow preventer on the incoming domestic water line.	E 3	\$5,000.00
p. Add fuel source shutdown switches to central boiler room.	3	\$2,500.00

BUILDING IMPROVEMENTS AND CONSTRUCTION COSTS

Hyndman-Londonderry Elementary School

	<u>Rank</u>	<u>Cost</u>
q, Install 2 accessible on-site parking spaces with signage.	3	\$1,000.00
r. Install a fire suppression system. Add a fire pump, piping, and controls, if insulation pressure is available. Add a 20,000 gallon underground storage tank if required.	3	\$108,000.00
Total Code Evaluation Cost		\$406,700.00
Total Building		\$2,500,450.00

GENERAL DATA

Bedford Middle School

Built:	1978
Site:	21.5 acres, which include athletic fields located across East Watson Street.
Structure:	The building is a two-story structure, steel frame, masonry walls, concrete floors, and flat rubber roof. Non-combustible construction in accordance with the PA Department of Labor and Industry code.
Heating System:	Two original, natural gas, hot-water boilers; back-up oil, with chiller.
Mechanical System:	Municipal water and sanitary systems
Electrical Service:	480/277 volt; 3-phase; 4-wire; 1,600 amp
Systems:	Fire Alarm Emergency Lighting Data, CATV, Intercom Networks Telephone (wired through the High School)
Architectural Area:	81,000 SF
PDE Replacement Value:	\$12,990,030 (590 FTE x 123sf = 72,570 x \$179/sf = replacement cost) \$ 2,598,006 (20% Rule)
PDE Total Capacity:	590

PHOTOGRAPHS

Bedford Middle School



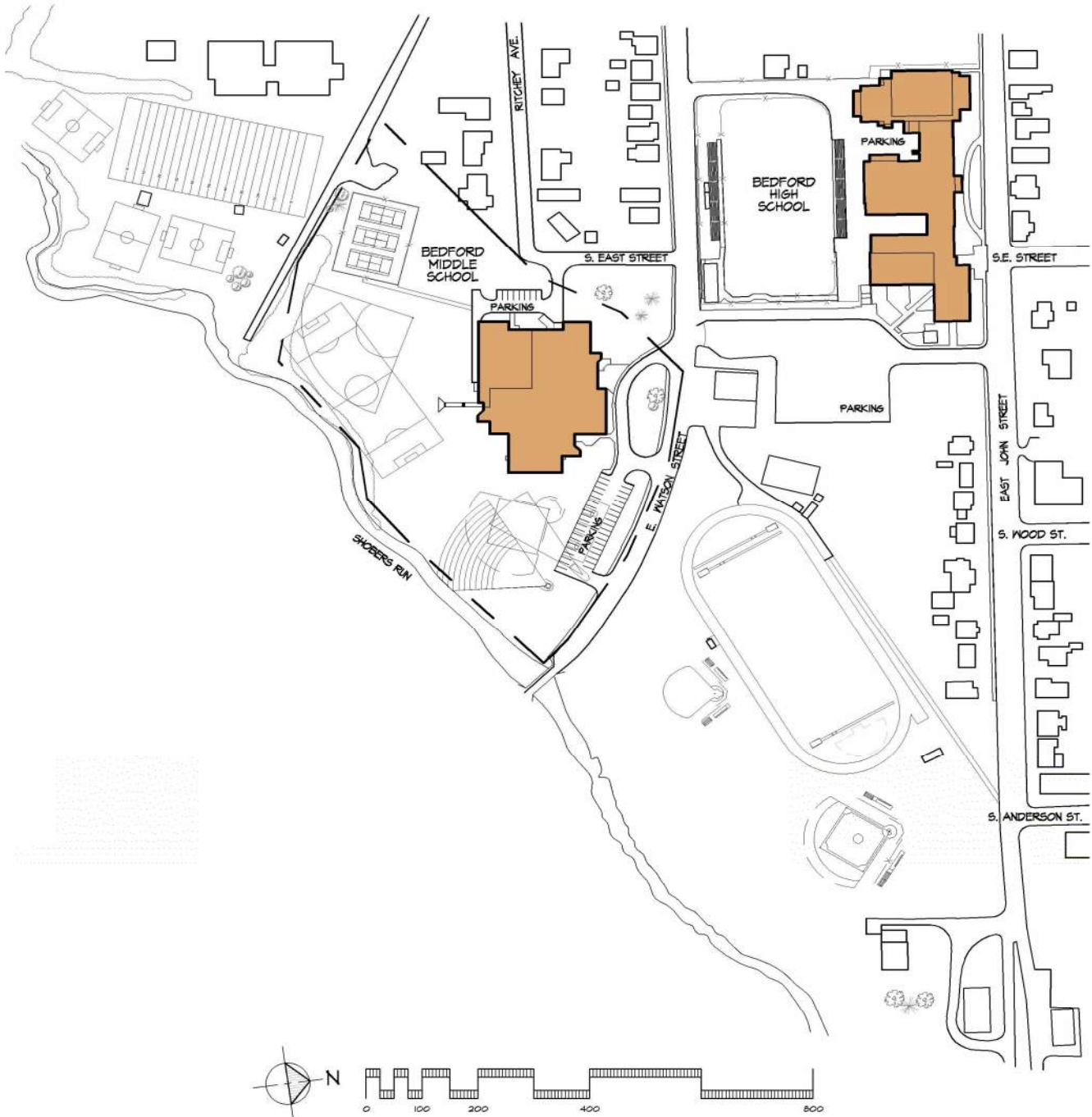
AERIAL VIEW

Bedford Middle School



EXISTING SITE PLAN

Bedford Middle School



Bedford Middle School



EXISTING FIRST FLOOR PLAN

Bedford Middle School



EXISTING 6-8 ROOM SCHEDULE

Bedford Middle School

Educational Space	No.	Area	Total	Dist. FTE	PDE FTE
Reg Clsrm 660+ SF	14	840	11,760	350	350
Reg Clsrm < 660 SF			0		
Special Education Clsrm.	2	810	1,620		
Spec. Educ. Seminar / S.G.I.	4	435	1,740		
Media Center	1	2,500	2,500		
T.V. Studio			0		
S.G.I. / Student Activity			0		
Large Group Instruction	1	1,550	1,550		
Science Classroom	2	825	1,650	50	50
Science < 660 SF			0		
Science Proj Rm / Greenhouse	2	250	500		
Science Lab	1	1,000	1,000	20	20
Business Clsrm			0	0	0
Computer Lab	2	855	1,710	40	40
Art Classroom	1	950	950	20	20
Music Classroom	1	1,030	1,030	25	25
Band / Orchestra / Choral	1	1,825	1,825	25	25
Family & Consumer Science	1	2,035	2,035	20	20
TE Shop	2	2,150	4,300	40	40
TE Shop <1800 sf			0		
Gymnasium	1	6,650	6,650	66	66
Auxiliary Gymnasium			0	0	0
Adaptive Gymnasium			0		
Locker Room / Team Room	2	1,570	3,140		
Weight / Wrestling / Cardio Rm			0		
Training Room			0		
Stage / Platform			0		
Auditorium			0		
Student Dining	1	3,500	3,500		
Kitchen Areas	1	775	775		
Administration / Guidance	1	1,410	1,410		
Health Suite	1	875	875		
Technology Suite			0		
Faculty Dining / Workroom	2	405	810		
Faculty / I.P.C. / Office / P.E. Office	3	190	570		
District Administration Offices			0		
FUNCTIONAL CAPACITY				525	590
TOTAL CAPACITY				525	590
SPECIAL EDUCATION CAPACITY				30	75
SCHEDULED AREA			51,900	SF	
ARCHITECTURAL AREA			81,000	SF	

P.D.E. Capacity = 90% Utilization Factor; District Capacity = 80% Utilization Factor. District S.E. Capacity = 10 students per classroom.

Secondary *Functional Capacity* includes all spaces that receive capacity except the District Administration Offices, while the *Total Capacity* also includes the District Administration Offices. *Special Education Capacity* is not included in the Functional Capacity or Total Capacity. The area of existing spaces may be an average of the respective spaces.

SUMMARY BUILDING IMPROVEMENTS AND CONSTRUCTION COSTS

Bedford Middle School

		Cost per SF
SITE EVALUATION	\$597,100.00	\$7.37 SF
EXTERIOR EVALUATION	\$862,197.00	\$10.64 SF
INTERIOR EVALUATION	\$1,705,525.00	\$21.06 SF
HEATING / VENTILATION EVALUATION	\$2,911,000.00	\$35.94 SF
PLUMBING EVALUATION	\$258,000.00	\$3.19 SF
ELECTRICAL EVALUATION	\$1,845,750.00	\$22.79 SF
CODE EVALUATION	\$979,350.00	\$12.09 SF
<hr/>		
TOTAL BUILDING	\$9,158,922.00	\$113.07 SF
RANK 1 TOTAL COST - REQUIRED	\$5,178,885.00	\$63.94 SF
RANK 2 TOTAL COST - RECOMMENDED	\$2,377,687.00	\$29.35 SF
RANK 3 TOTAL COST - OPTIONAL	\$1,602,350.00	\$19.78 SF

BUILDING IMPROVEMENTS AND CONSTRUCTION COSTS

Bedford Middle School

	<u>Rank</u>	<u>Cost</u>
1. <u>Site Evaluation:</u>		
a. Remove the existing track and install a new surface.	2	\$350,000.00
b. Install a vinyl covering on the wood surfaces of two baseball dugouts.	3	\$5,000.00
c. Replace area of the sunken sidewalk at curb.	1 D	\$1,200.00
d. Replace cracked and spalled concrete sidewalk at several locations.	1 D	\$3,600.00
e. Repair cracking and bituminous paving and overlay, and paint new lines.	1 D	\$107,850.00
f. Install new concrete wheel stops at west parking lot.	3	\$1,350.00
g. Demolish 3 tennis courts and construct new courts with a drainage system.	2 D	\$128,100.00
Total Site Evaluation Cost		\$597,100.00
2. <u>Exterior of Building Evaluation:</u>		
a. Scrape paint and repaint lintels.	2	\$4,160.00
b. Repoint the deteriorated precast concrete panels.	2	\$5,229.00
c. Replace building windows.	1 L/D	\$233,040.00
d. Replace roof with new EPDM.	3 D	\$486,000.00
e. Clean brick and precast panels.	2 D	\$55,968.00
f. Sawcut joint at the 3 exterior doors and install expansion joint material and caulk.	2	\$1,800.00

BUILDING IMPROVEMENTS AND CONSTRUCTION COSTS

Bedford Middle School

	<u>Rank</u>	<u>Cost</u>
g. Replace exterior doors and frame, and include a proximity reader access system.	1 L/D	\$76,000.00
Total Exterior of Building Evaluation Cost		\$862,197.00

3. Interior of Building Evaluation:

a. Paint the rooms and corridor walls in the entire building.	1 D	\$125,550.00
b. Install new acoustical tile ceilings.	1 D	\$230,850.00
c. Repair settlement at slab at Music Room, south wall, by jack leveling.	2	\$20,000.00
d. Replace Classroom chalkboards with markerboards.	3	\$175,000.00
e. Repair settlement slab at Mechanical Room.	2	\$4,000.00
f. Repair settlement crack at first floor of stair #3 and install new vinyl tile.	2	\$3,000.00
g. Caulk horizontal wall crack at Gymnasium walls.	2	\$1,500.00
h. Replace cabinetry at Arts & Crafts.	2 D	\$45,000.00
i. Replace Library cabinetry, shelves, and circulation desk.	2 D	\$125,000.00
j. Replace cabinetry at Administration and Nurse's Office.	2 D	\$32,000.00
k. Replace cabinetry in Science Room and Science Project Rooms.	2 D	\$220,000.00
l. Caulk horizontal wall crack above windows, adjacent to stair #1.	2	\$500.00
m. Replace cabinetry in Art Room, Family and Consumer Science, Music, Band, and Graphics.	2 D	\$170,000.00
n. Install new corridor student lockers.	1 D	\$112,000.00
o. Clean brick.	2 D	\$8,000.00

BUILDING IMPROVEMENTS AND CONSTRUCTION COSTS

Bedford Middle School

	<u>Rank</u>	<u>Cost</u>
p. Replace carpet at Classrooms and corridors.	1 D	\$204,525.00
q. Replace interior hallway wood doors with new.	1 D	\$55,200.00
r. Replace toilet partitions with graffiti-resistant partitions.	1 D	\$33,000.00
s. Replace some of the kitchen equipment.	2	\$50,000.00
t. Replace or refinish lockers at boys', girls', and team Locker Rooms.	2 D	\$90,400.00
Total Interior Evaluation Cost		\$1,705,525.00

4. **Heating, Ventilation, and Air Conditioning Evaluation:**

a. Install a geo-thermal system with ATC to heat and cool the entire building.	1 L/D	\$2,835,000.00
b. Replace aged dust collector with new unit.	3	\$75,000.00
c. Repair Greenhouse controls.	2 D	\$1,000.00
Total HVAC Evaluation Cost		\$2,911,000.00

5. **Plumbing Evaluation:**

a. Replace the fixtures with new energy efficient fixtures.	1 L	\$235,000.00
b. Replace shower temperature mixing valves.	2	\$8,000.00
c. For emergency purposes, add safety shutdown devices in the Science Room for gas.	2	\$6,000.00
d. Add an exterior acid neutralization tank for science classrooms.	2	\$9,000.00
Total Plumbing Evaluation Cost		\$258,000.00

BUILDING IMPROVEMENTS AND CONSTRUCTION COSTS

Bedford Middle School

	<u>Rank</u>	<u>Cost</u>
6. <u>Electrical Evaluation:</u>		
a. Replace emergency propane generator tank.	1 D	\$8,000.00
b. Install new lighting and controls with motion detectors for energy savings and daylighting.	1 L/D	\$798,720.00
c. Install a new emergency lighting system throughout the building for energy savings.	2	\$72,900.00
d. Upgrade the power distribution system throughout the building with new service and more circuits.	2	\$670,720.00
e. Provide new technology wire management systems throughout the building.	2 D	\$206,550.00
f. Install a security warning system in all occupied rooms and enhance controlled access for surveillance and alarms (add 16 cameras).	2 D	\$85,860.00
g. Upgrade the existing wave reader 16 camera SVR system with the addition of 3 cameras. Replace the key scan numeric touch pad access system at 2 doors with a proximity reader card system. Install a security warning system in all occupied rooms.	2	\$3,000.00
Total Electrical Evaluation Cost		\$1,845,750.00

7. Code Evaluation:

The following items may be required depending on the level of work completed.

a. Replace guardrails and handrails at all stairs, and add center rail to comply with code.	3	\$24,000.00
b. Install the exterior and interior ADA signage.	3	\$7,500.00
c. Provide areas of rescue assistance as well as two-way communication.	3	\$25,000.00

BUILDING IMPROVEMENTS AND CONSTRUCTION COSTS

Bedford Middle School

	<u>Rank</u>	<u>Cost</u>
d. Replace electric water coolers to comply with ADA requirements.	3	\$21,000.00
e. Install ADA compliant student lockers (Cost listed under "Interior of Building", Section 3, Item N.).	1 D	\$0.00
f. Replace glass in Classroom doors, corridor doors, transoms, and display cases with safety glass (Cost of Classroom doors under "Interior of Building", Section 3, Item Q.).	3	\$8,000.00
g. Install lever hardware at doors (Cost of Classroom doors under "Interior of Building", Section 3, Item Q.).	3	\$10,000.00
h. Provide workstations and counters for handicapped in the General Office, Library, Art, Science, Homemaking, Computer Rooms, Industrial Arts, etc. to meet code (Costs listed under "Interior of Building", Section 3, Items H, I, J, K, and M.).	1 D	\$0.00
i. Upgrade 1 boys' and 1 girls' toilet room, per floor, to comply with ADA requirements.	3	\$128,000.00
j. Upgrade all individual use toilet rooms to comply with ADA requirements.	3	\$77,000.00
k. Provide access to the lower level of the LGI to meet code.	3	\$62,000.00
l. Update the elevator to meet ADA code.	1 D	\$10,000.00
m. Install a hand lav in the Dishwashing Room to meet code.	3	\$3,000.00
n. Upgrade girls' and boys' locker rooms to meet ADA requirements.	1 D	\$48,000.00
o. Replace the fire alarm system.	1 D	\$60,750.00
p. Remount the light switches to ADA heights (Cost listed under "Electrical", Section 6, Item b.).	3	\$0.00
q. Add power / fuel cutoff switches to Technology and Science Classrooms.	3	\$18,000.00
r. Add piping insulation packages to exposed piping below lavatories.	3	\$1,200.00

BUILDING IMPROVEMENTS AND CONSTRUCTION COSTS

Bedford Middle School

	<u>Rank</u>	<u>Cost</u>
s. Install a backflow preventer on the incoming domestic water line.	3	\$5,000.00
t. Replace the existing bleachers with new bleachers to meet codes.	3	\$200,000.00
u. Add fuel source shutdown switches to central boiler room.	3	\$3,000.00
v. Install 2 accessible on-site parking spaces with signage.	1 D	\$600.00
w. Install a fire suppression system. Add a fire pump, piping, and controls, if insulation pressure is available. Add a 20,000 gallon underground storage tank if required.	3	\$267,300.00
Total Code Evaluation Cost		\$979,350.00
Total Building Cost		\$9,158,922.00

GENERAL DATA

Hyndman Middle / Senior High School

Built:	1951, with additions in 1976, 2002, and 2006.
Site:	32.4 acres, adjacent to the Hyndman/Londonderry Elementary School. The School is located in a residential area with paved drives and parking, and play area.
Structure:	The building is a one-story structure, steel frame, masonry walls, concrete floors, and sloping, metal roof. Non-combustible construction in accordance with the International Building Code.
Heating System:	Two oil-fired, hot water boilers. Cooling is limited to Administrative Offices, Cafeteria, Music Room, Library, and some Classrooms.
Mechanical System:	Municipal water and sanitary systems
Electrical Service:	208/120 volt; 3-phase; 4-wire; 1,200 amp
Systems:	Fire Alarm Emergency Lighting Data CATV, Intercom Networks Telephone (wired through the High School)
Architectural Area:	50,205 SF
PDE Replacement Value:	\$7,838,052 (356 FTE x 123sf = 43,788 x \$179/sf = replacement cost) \$1,567,610 (20% Rule)
PDE Total Capacity:	356

PHOTOGRAPHS

Hyndman Middle / Senior High School



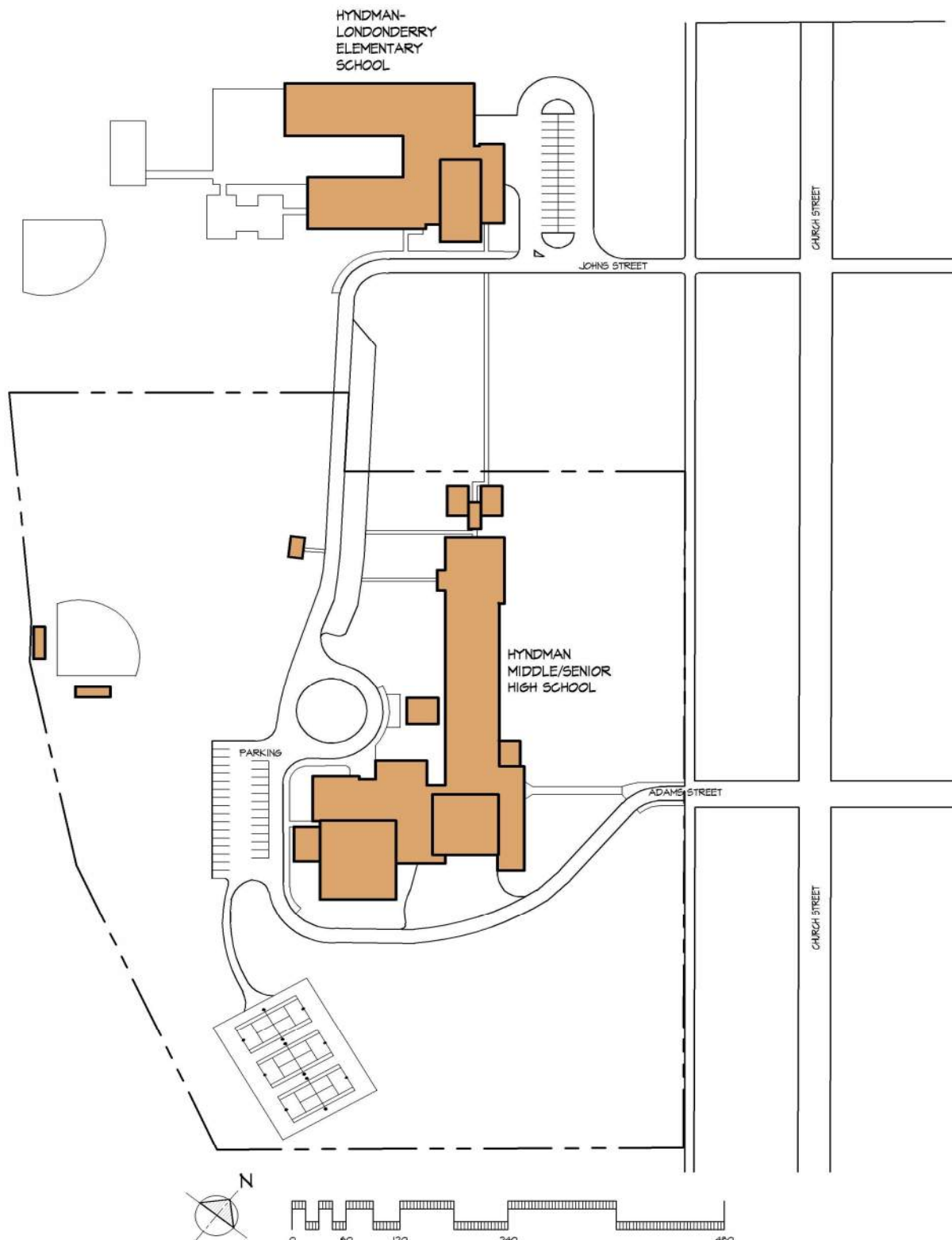
AERIAL VIEW

Hyndman Middle / Senior High School



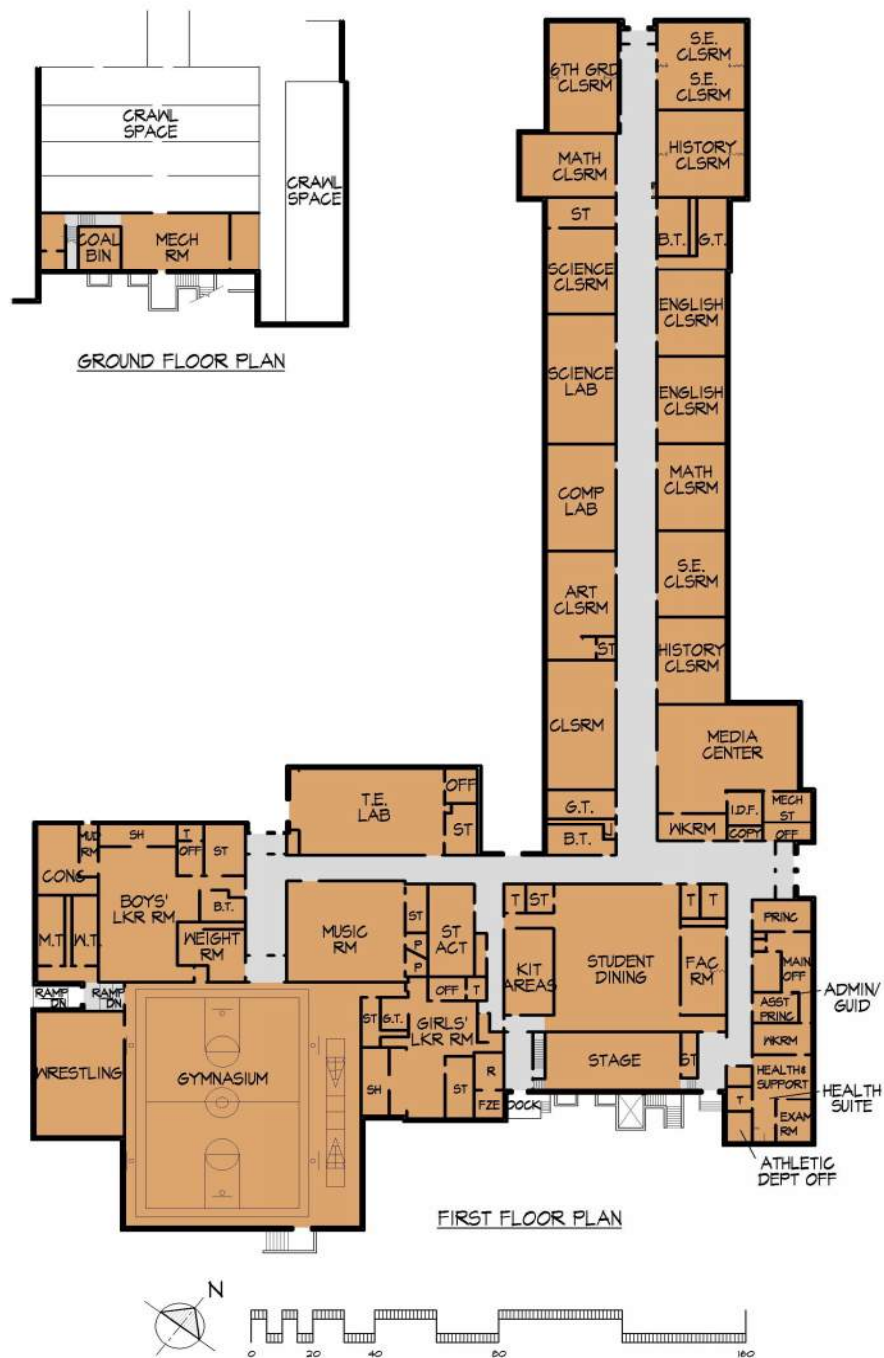
EXISTING SITE PLAN

Hyndman Middle / Senior High School



EXISTING FLOOR PLANS

Hyndman Middle / Senior High School



EXISTING 6-12 ROOM SCHEDULE

Hyndman Middle / Senior High School

Educational Space	No.	Area	Total	Dist. FTE	PDE FTE
Reg Clsrm 660+ SF	8	750	6,000	200	200
Reg Clsrm < 660 SF					
Special Education Clsrm.	1	660	660		
Spec. Educ. Seminar / S.G.I.	2	440	880		
Media Center	1	1,565	1,565		
T.V. Studio			0		
S.G.I. / Student Activity	1	460	460		
Large Group Instruction			0		
Science Classroom	1	660	660	25	25
Science < 660 SF			0		
Science Proj Rm / Greenhouse			0		
Science Lab	1	995	995	20	20
Business Clsrm			0	0	0
Computer Lab	1	825	825	20	20
Art Classroom	1	775	775	20	20
Music Classroom	1	1,205	1,205	25	25
Band / Orchestra / Choral			0	0	0
Family & Consumer Science			0	0	0
TE Shop	1	1,800	1,800	20	20
TE Shop <1800 sf			0		
Gymnasium	1	6,500	6,500	66	66
Auxiliary Gymnasium			0	0	0
Adaptive Gymnasium			0		
Locker Room / Team Room	2	1,340	2,680		
Weight / Wrestling / Cardio Rm	2	845	1,690		
Training Room			0		
Stage / Platform	1	875	875		
Auditorium			0		
Student Dining	1	2,040	2,040		
Kitchen Areas	1	700	700		
Administration / Guidance	1	1,015	1,015		
Health Suite	1	690	690		
Technology Suite			0		
Faculty Dining / Workroom	2	305	610		
Faculty / I.P.C. / Office / P.E. Office	4	110	440		
District Administration Offices			0		
FUNCTIONAL CAPACITY				317	356
TOTAL CAPACITY				317	356
SPECIAL EDUCATION CAPACITY				20	50
SCHEDULED AREA			33,065 SF		
ARCHITECTURAL AREA			50,205 SF		

P.D.E. Capacity = 90% Utilization Factor; District Capacity = 80% Utilization Factor. District S.E. Capacity = 10 students per classroom.

Secondary *Functional Capacity* includes all spaces that receive capacity except the District Administration Offices, while the *Total Capacity* also includes the District Administration Offices. *Special Education Capacity* is not included in the Functional Capacity or Total Capacity. The area of existing spaces may be an average of the respective spaces.

SUMMARY BUILDING IMPROVEMENTS AND CONSTRUCTION COSTS

Hyndman Middle / Senior High School

		Cost per SF
SITE EVALUATION	\$27,125.00	\$0.54 SF
EXTERIOR EVALUATION	\$2,000.00	\$0.04 SF
INTERIOR EVALUATION	\$617,700.00	\$12.30 SF
HEATING / VENTILATION EVALUATION	\$447,000.00	\$8.90 SF
PLUMBING EVALUATION	\$172,500.00	\$3.44 SF
ELECTRICAL EVALUATION	\$714,000.00	\$14.22 SF
CODE EVALUATION	\$815,600.00	\$16.25 SF
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TOTAL BUILDING	\$2,795,925.00	\$55.69 SF
RANK 1 TOTAL COST - REQUIRED	\$0.00	\$0.00 SF
RANK 2 TOTAL COST - RECOMMENDED	\$438,875.00	\$8.74 SF
RANK 3 TOTAL COST - OPTIONAL	\$2,357,050.00	\$46.95 SF

BUILDING IMPROVEMENTS AND CONSTRUCTION COSTS

Hyndman Middle / Senior High School

	<u>Rank</u>	<u>Cost</u>
1. <u>Site Evaluation:</u>		
a. Replace the spalled concrete curb at the south side of building.	2	\$1,875.00
b. Replace the broken concrete splash block at the downspout of the 1976 addition.	3	\$250.00
c. Repair ground area and seed at damaged areas around drives and parking lot.	3	\$1,000.00
d. Resurface tennis courts, repaint lines, and repair minor cracks.	3	\$20,000.00
e. Repair broken bituminous paving at dock area drive.	2	\$1,000.00
f. Straighten the light standard at drive, adjacent to the tennis court.	2	\$1,500.00
g. Replace broken lens at light standard (opposite loading dock).	3	\$1,500.00
Total Site Evaluation Cost		\$27,125.00
2. <u>Exterior of Building Evaluation:</u>		
a. Scrape paint and repaint lintels.	3	\$1,000.00
b. Scrape paint and repaint exterior handrails.	3	\$1,000.00
Total Exterior of Building Evaluation Cost		\$2,000.00
3. <u>Interior of Building Evaluation:</u>		
a. Remove and replace 300 corridor lockers.	3	\$84,000.00
b. Replace carpet at Faculty Room and Principal's Office.	3	\$3,200.00
c. Replace Classroom chalkboards that are original to the building.	3	\$15,900.00
d. Paint room and corridor walls.	3	\$78,000.00

BUILDING IMPROVEMENTS AND CONSTRUCTION COSTS

Hyndman Middle / Senior High School

	<u>Rank</u>	<u>Cost</u>
e. Install new vinyl tile at the abatement areas.	3	\$53,500.00
f. Replace cabinetry in the Family and Consumer Science Classroom.	3	\$35,000.00
g. Replace cabinetry in the two Science Rooms.	3	\$125,000.00
h. Refinish the platform floor.	2	\$9,000.00
i. Replace platform curtains and rigging.	3	\$70,000.00
j. Replace Art Room cabinetry.	3	\$35,000.00
k. Install a new acoustical tile ceiling at the Industrial Arts Shop.	3	\$8,400.00
l. Remove and install new vinyl tile at the Cafeteria.	2	\$8,500.00
m. Replace doors leading into the Gymnasium and boys' Locker Room from the main corridor.	3	\$3,200.00
n. Removal of floor tile; Science Room countertops; asbestos at kiln, fume, & hood; and 5 man doors.	3	\$85,000.00
o. Replace 5 doors removed under asbestos abatement.	3	\$4,000.00
Total Interior Evaluation Cost		\$617,700.00

4. Heating, Ventilation, and Air Conditioning Evaluation:

a. Replace aged dust collector with right size unit.	2	\$75,000.00
b. Upgrade the laboratory table exhaust system in the Science Classrooms.	2	\$50,000.00
d. Upgrade the automatic temperature control system.	3	\$140,000.00
e. Upgrade the ventilation system in the electrical / mechanical room.	3	\$10,000.00

BUILDING IMPROVEMENTS AND CONSTRUCTION COSTS

Hyndman Middle / Senior High School

	<u>Rank</u>	<u>Cost</u>
f. Add heating, ventilation, and mechanical cooling to 7 classrooms at the north facing classrooms.	2	\$172,000.00
Total HVAC Evaluation Cost		\$447,000.00

5. Plumbing Evaluation:

a. Replace fixtures with low flow efficient fixtures.	3	\$142,500.00
b. In the event of an emergency, add safety shutdown devices in the Science Rooms for gas.	2	\$5,000.00
c. Add an exterior acid neutralization tank for Science Classrooms.	2	\$25,000.00
Total Plumbing Evaluation Cost		\$172,500.00

6. Electrical Evaluation:

a. Replace the emergency generator.	2	\$25,000.00
b. Upgrade the lighting and controls with motion detectors for energy savings and daylighting.	3	\$225,000.00
c. Upgrade the emergency lighting system throughout the building for energy savings.	3	\$50,000.00
d. Upgrade the platform lighting system.	3	\$30,000.00
e. Upgrade the power distribution system throughout the building.	3	\$225,000.00
f. Provide new technology wire management systems throughout the building.	3	\$150,000.00
g. Rework security vestibules and controlled access for surveillance and alarms.	3	\$7,500.00

BUILDING IMPROVEMENTS AND CONSTRUCTION COSTS

Hyndman Middle / Senior High School

	<u>Rank</u>	<u>Cost</u>
h. Upgrade the existing remote eyes, 8 camera security system with 4 additional cameras. Extend coverage of the existing burglar system to cover the entire building.	3	\$1,500.00

Total Electrical Evaluation Cost		\$714,000.00
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7. Code Evaluation:

The following items may be required depending on the level of work completed.

a. Install interior and exterior ADA signage.	3	\$10,000.00
b. Replace sets of 5'-0" wide double doors with a 3'-0" and 2'-0" door leaf.	3	\$8,000.00
c. Replace the fire alarm system.	2	\$65,000.00
d. Replace the electric water coolers (1 location) to comply with ADA requirements.	3	\$12,000.00
e. Install ADA compliant student lockers (Listed under locker replacement.).	3	\$0.00
f. Replace glass in classroom doors, corridor doors, transoms, and display cases with safety glass.	3	\$5,000.00
g. Install lever hardware at doors.	3	\$72,000.00
h. Provide workstations and counters for handicapped in the General Office, Library, Art, Science, Homemaking, Computer Room, Industrial Arts, etc. to meet code (Cost for Homemaking, Art, and Science are listed under the "Interior of Building" section.).	3	\$5,000.00
i. Provide an ADA compliant eyewash and shower in the Science Classroom (Listed under Science Rooms at "Interior of Building" section.).	3	\$0.00

BUILDING IMPROVEMENTS AND CONSTRUCTION COSTS

Hyndman Middle / Senior High School

	<u>Rank</u>	<u>Cost</u>
j. Upgrade 1 boys' and 1 girls' gang toilet room to comply with ADA requirements.	3	\$75,000.00
k. Upgrade all individual use toilet rooms to comply with ADA requirements.	3	\$33,000.00
l. Upgrade the Cafeteria / Platform sound system for remote headsets to comply with ADA requirements.	3	\$1,500.00
m. Provide a chair lift at the Platform to meet code.	3	\$45,000.00
n. Install a pair of 3'-0" wide doors at the Library to meet code.	3	\$3,000.00
o. Install a hand lav in the Kitchen to meet code.	3	\$1,500.00
p. Upgrade girls', boys', and the team Locker Rooms to meet ADA requirement for plumbing fixtures, partitions, mirrors, lockers, and benches.	3	\$75,000.00
q. Install exterior and interior signage to comply with ADA requirements.	3	\$10,000.00
r. Add power / fuel cutoff switches to Technology and Science Classrooms.	3	\$1,500.00
s. Add piping insulation packages to exposed piping below lavatories.	3	\$3,500.00
t. Install a backflow preventer on the incoming domestic water line.	3	\$5,000.00
u. Add fuel source shutdown switches to the central boiler room.	3	\$3,000.00
v. Remount light switches to accessibility height.	3	\$25,000.00
w. Upgrade the men and women faculty gang toilet to meet accessibility code.	3	\$50,000.00
x. Install new bleachers to meet accessibility code.	3	\$140,000.00
y. Install 3 accessible on-site parking spaces with signage.	3	\$900.00

BUILDING IMPROVEMENTS AND CONSTRUCTION COSTS

Hyndman Middle / Senior High School

	<u>Rank</u>	<u>Cost</u>
z. Install a fire suppression system. Add a fire pump, piping, and controls, if insulation pressure is available. Add a 20,000 gallon underground storage tank if required.	3	\$165,700.00
Total Code Evaluation Cost		\$815,600.00
Total Building Cost		\$2,795,925.00

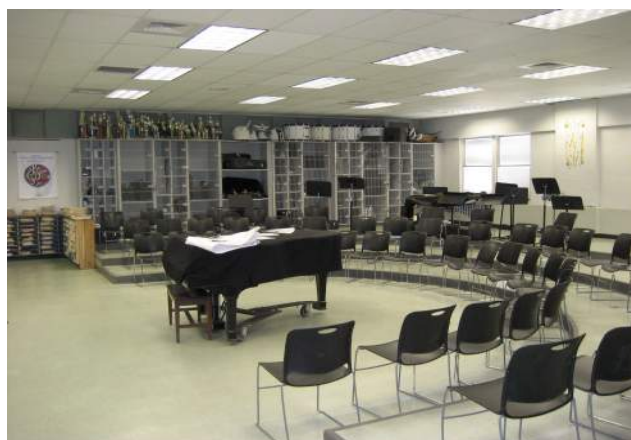
GENERAL DATA

Bedford High School

Built:	1888, with additions in 1927, 1934, 1946, 1954, and 1996.
Site:	3.5 acres, located in a residential area with paved drives and parking, and football field with bleachers, concession stand, and press box.
Structure:	The building is a three-story structure with partial basement; wood and steel frame; masonry walls; concrete floors; and a flat rubber roof with a partial imitation slate gabled roof.
Heating System:	2 natural gas, hot water boilers with #2 fuel oil backup, and chiller for cooling.
Mechanical System:	Municipal water and sanitary systems
Electrical Service:	480/277 volt; 3-phase; 4-wire; 2,500 amp
Systems:	Fire Alarm Emergency Lighting Data, CATV, Intercom Networks Telephone
Architectural Area:	177,390 SF
PDE Replacement Value:	\$16,336,614 (742 FTE x 123sf =91,266 x \$179/sf = replacement cost) \$ 3,267,323 (20% Rule)
PDE Total Capacity:	724 (742 with DAO)

PHOTOGRAPHS

Bedford High School



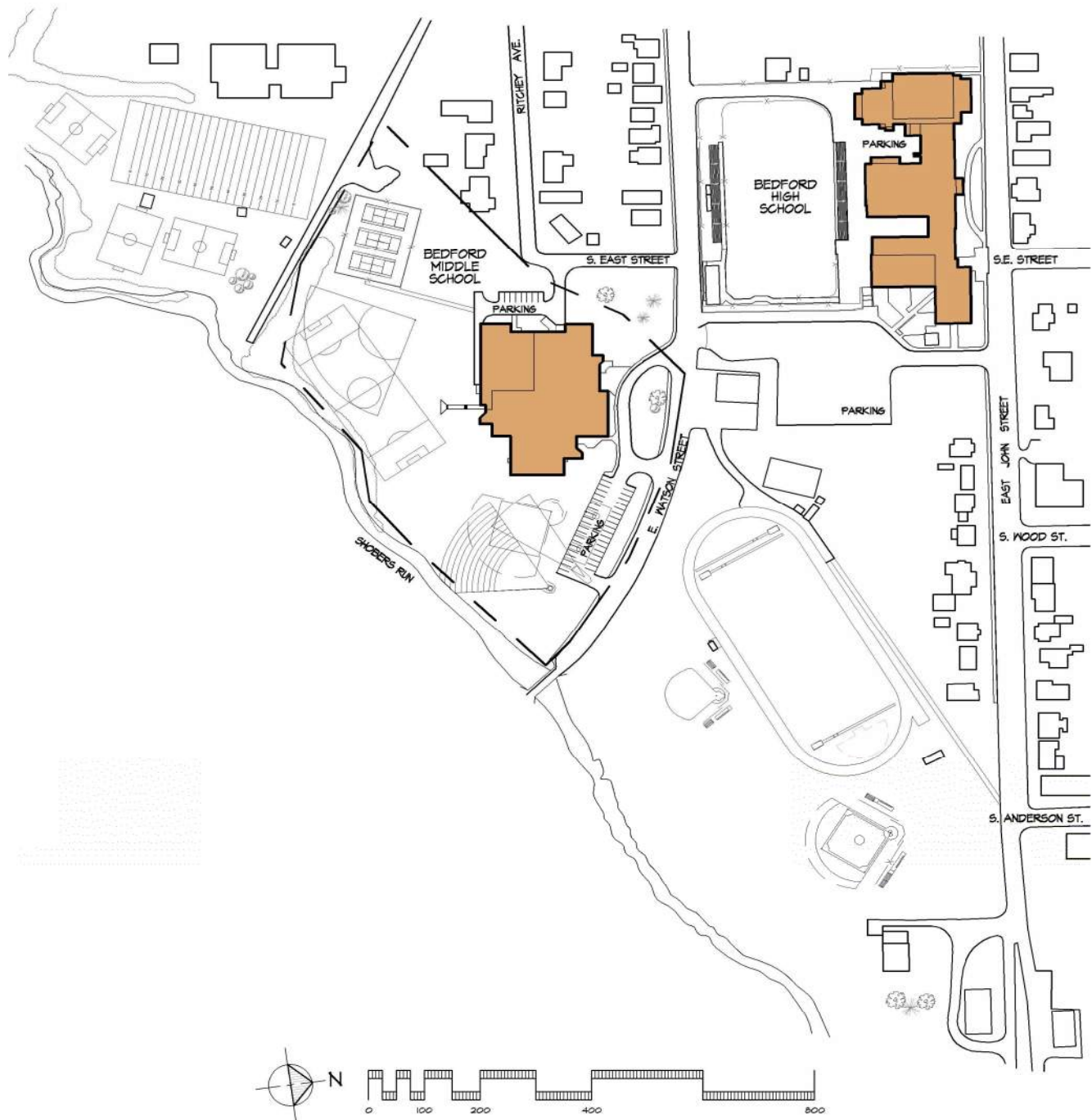
AERIAL VIEW

Bedford High School



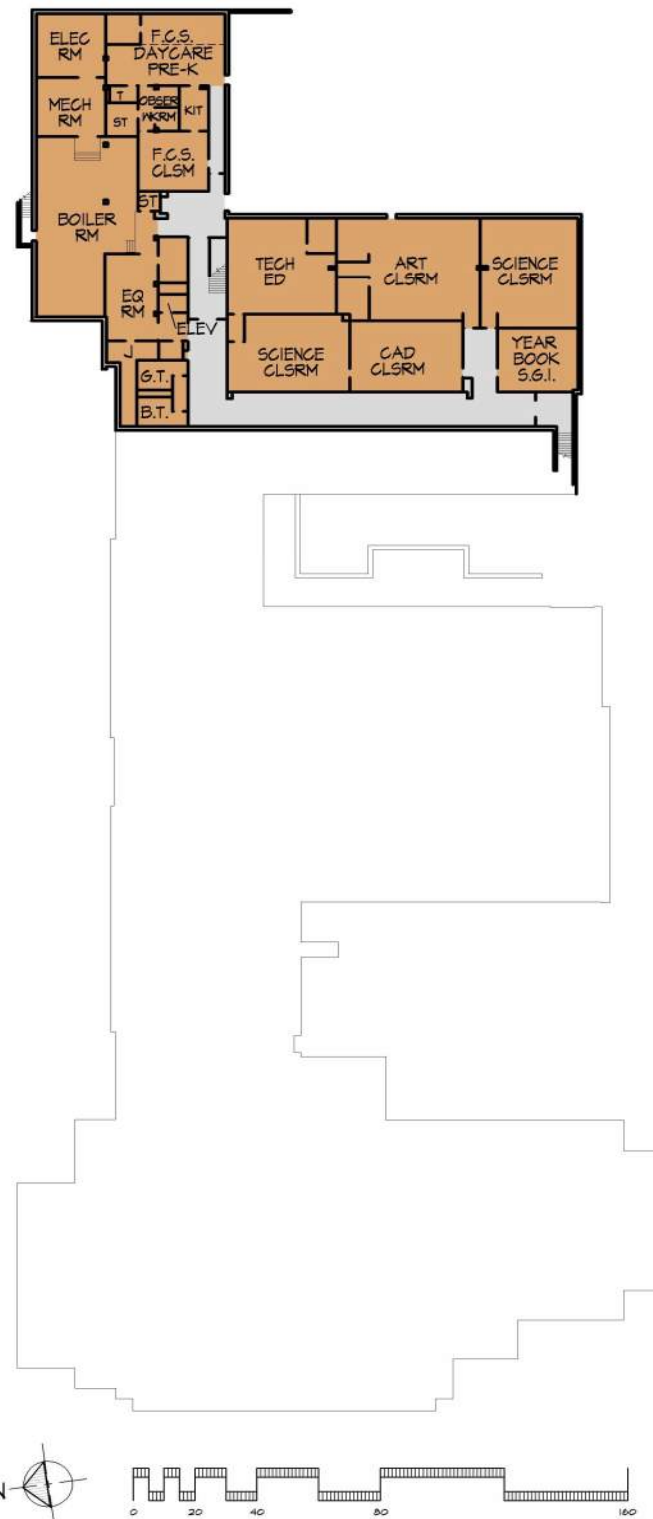
EXISTING SITE PLAN

Bedford High School



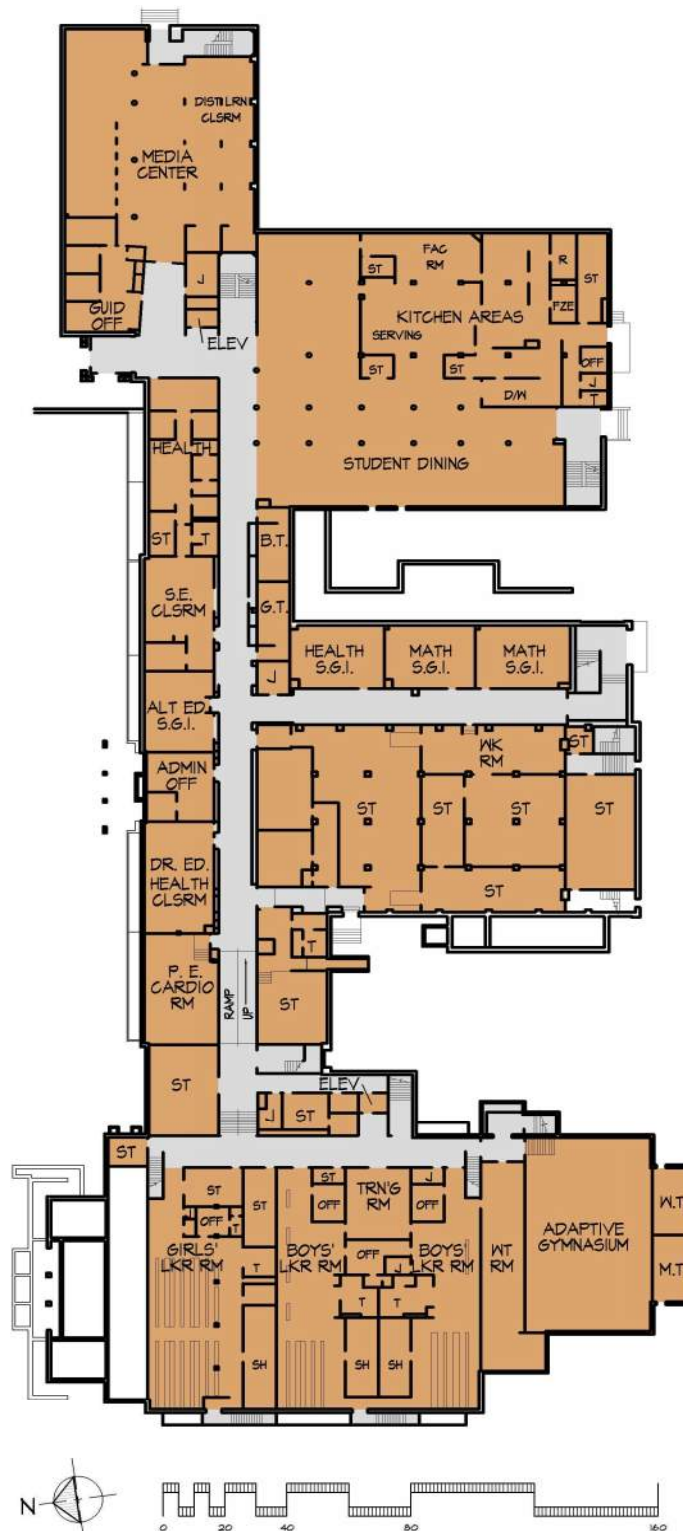
EXISTING GROUND FLOOR PLAN

Bedford High School



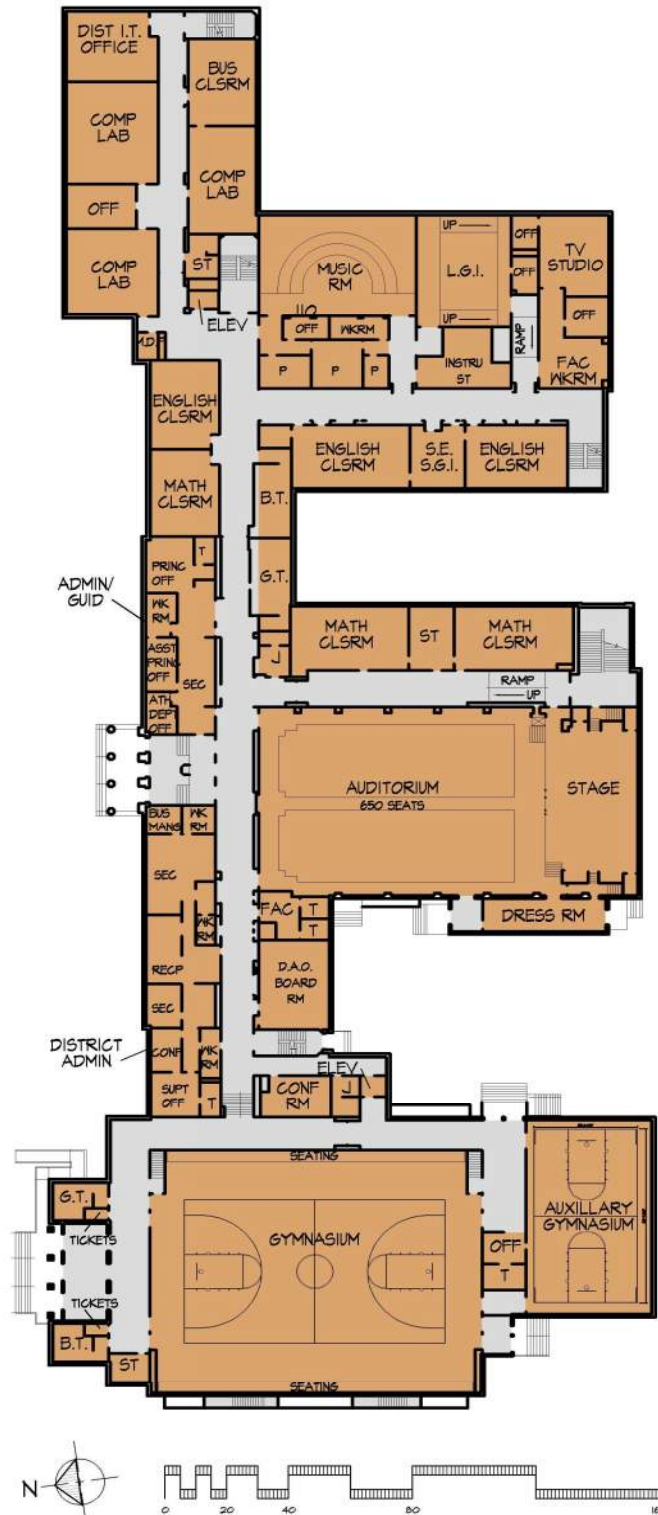
EXISTING FIRST FLOOR PLAN

Bedford High School



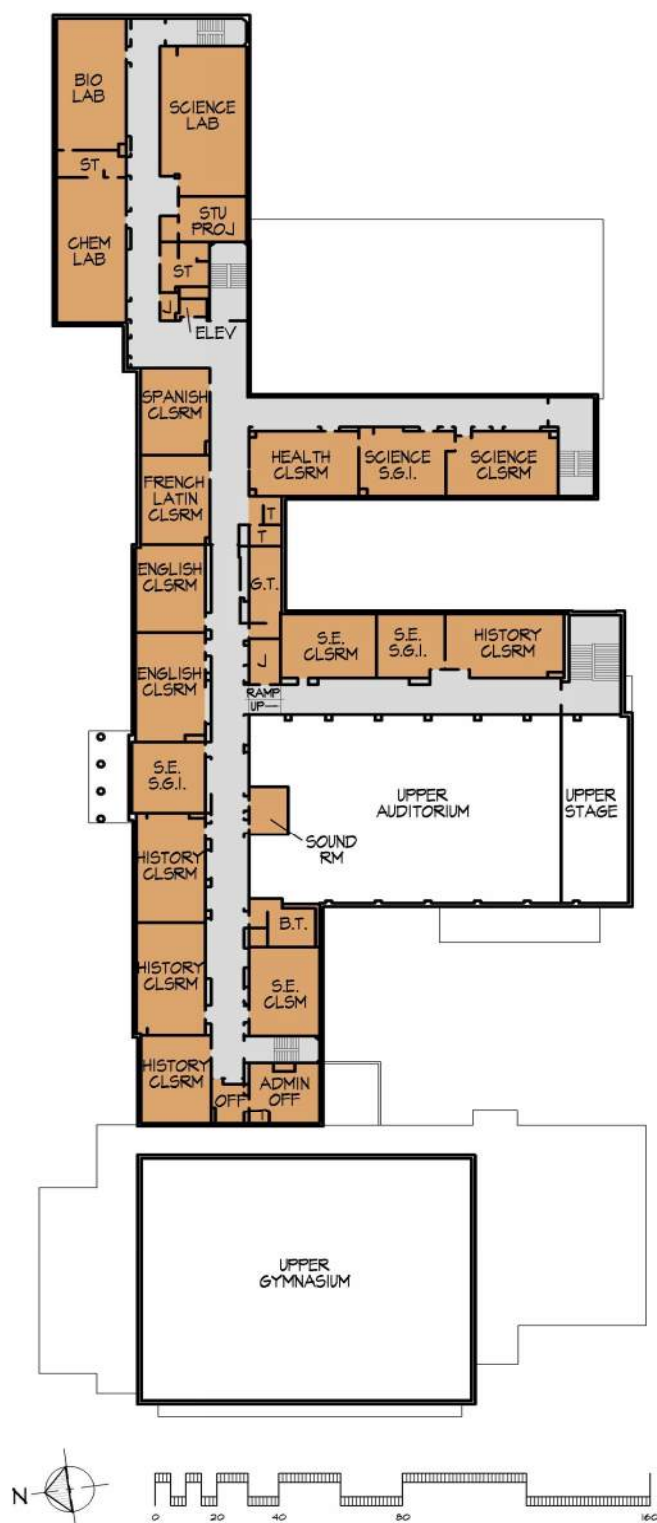
EXISTING SECOND FLOOR PLAN

Bedford High School



EXISTING THIRD FLOOR PLAN

Bedford High School



EXISTING 9-12 ROOM SCHEDULE

Bedford High School

Educational Space	No.	Area	Total	Dist. FTE	PDE FTE
Reg Clsrm 660+ SF	16	755	12,080	400	400
Reg Clsrm < 660 SF	4	630	2,520		
Special Education Clsrm.	3	785	2,355		
Spec. Educ. Seminar / S.G.I.	3	460	1,380		
Media Center	1	4,120	4,120		
T.V. Studio	1	600	600		
S.G.I. / Student Activity	1	560	560		
Large Group Instruction	1	1,140	1,140		
Science Classroom	3	980	2,940	75	75
Science < 660 SF	1	640	640		
Science Proj Rm / Greenhouse	1	380	380		
Science Lab	3	1,485	4,455	60	60
Business Clsrm	1	660	660	25	25
Computer Lab	4	885	3,540	80	80
Art Classroom	1	1,645	1,645	20	20
Music Classroom	1	1,745	1,745	25	25
Band / Orchestra / Choral			0	0	0
Family & Consumer Science	1	2,180	2,180	20	20
TE Shop			0	0	0
TE Shop <1800 sf	1	1,135	1,135		
Gymnasium	1	8,700	8,700	66	66
Auxiliary Gymnasium	1	2,700	2,700	33	33
Adaptive Gymnasium	1	2,700	2,700		
Locker Room / Team Room	3	2,040	6,120		
Weight / Wrestling / Cardio Rm	2	965	1,930		
Training Room	1	505	505		
Stage / Platform	1	1,780	1,780		
Auditorium	1	6,000	6,000		
Student Dining	1	5,830	5,830		
Kitchen Areas	1	3,600	3,600		
Administration / Guidance	1	3,250	3,250		
Health Suite	1	1,180	1,180		
Technology Suite	1	675	675		
Faculty Dining / Workroom	3	585	1,755		
Faculty / I.P.C. / Office / P.E. Office	12	165	1,980		
District Administration Offices	1	3,775	3,775	18	18
FUNCTIONAL CAPACITY				643	724
TOTAL CAPACITY				661	742
SPECIAL EDUCATION CAPACITY				40	100
SCHEDULED AREA			96,555	SF	
ARCHITECTURAL AREA			177,390	SF	

P.D.E. Capacity = 90% Utilization Factor; District Capacity = 80% Utilization Factor. District S.E. Capacity = 10 students per classroom.

Secondary *Functional Capacity* includes all spaces that receive capacity except the District Administration Offices, while the *Total Capacity* also includes the District Administration Offices. *Special Education Capacity* is not included in the Functional Capacity or Total Capacity. The area of existing spaces may be an average of the respective spaces.

SUMMARY BUILDING IMPROVEMENTS AND CONSTRUCTION COSTS

Bedford High School

		Cost per SF
SITE EVALUATION	\$352,450.00	\$1.99 SF
EXTERIOR EVALUATION	\$6,300.00	\$0.04 SF
INTERIOR EVALUATION	\$93,700.00	\$0.53 SF
HEATING / VENTILATION EVALUATION	\$0.00	\$0.00 SF
PLUMBING EVALUATION	\$10,000.00	\$0.06 SF
ELECTRICAL EVALUATION	\$13,000.00	\$0.07 SF
CODE EVALUATION	\$1,196,250.00	\$6.74 SF
<hr/>		
TOTAL BUILDING	\$1,671,700.00	\$9.42 SF
RANK 1 TOTAL COST - REQUIRED	\$0.00	\$0.00 SF
RANK 2 TOTAL COST - RECOMMENDED	\$411,050.00	\$2.32 SF
RANK 3 TOTAL COST - OPTIONAL	\$1,260,650.00	\$7.11 SF

BUILDING IMPROVEMENTS AND CONSTRUCTION COSTS

Bedford High School

	<u>Rank</u>	<u>Cost</u>
1. <u>Site Evaluation:</u>		
a. Seed lawn area in the Cafeteria Courtyard.	3	\$300.00
b. Replace cracked and spalled concrete curb at the student parking lot.	2	\$1,800.00
c. Sand rusted areas of the child care fence and paint.	3	\$350.00
d. Repair cracked bituminous paving, overlay existing paving, and paint lines.	2	\$350,000.00
Total Site Evaluation Cost		\$352,450.00
2. <u>Exterior of Building Evaluation:</u>		
a. Paint soffits over the east Library and dock doors.	3	\$500.00
b. Caulk cracked brick above ticket booth roof, south Gymnasium wall.	3	\$300.00
c. Apply a sealer on the imitation slate shingles.	3	\$5,500.00
Total Exterior Evaluation Cost		\$6,300.00
3. <u>Interior of Building Evaluation:</u>		
a. Remove the industrial dust collector at the overflow Art Room and repair and paint wall to match the existing adjacent surfaces.	3	\$3,000.00
b. Remove and replace the acoustical tile ceiling in the overflow Art Room.	3	\$2,700.00
c. Install an acoustical tile ceiling at the Athletic Department's storage room.	3	\$3,300.00
d. Add a chair lift to the Fitness Room.	3	\$35,000.00

BUILDING IMPROVEMENTS AND CONSTRUCTION COSTS

Bedford High School

	<u>Rank</u>	<u>Cost</u>
e. Repair the damaged wainscot wall panels of the north wall in the Auxiliary Gymnasium.	3	\$3,000.00
f. At the boys' locker room, replace the missing, glazed block at the doorway of the gang shower.	3	\$1,500.00
g. Paint the north wall of the Cafeteria.	3	\$250.00
h. Replace the carpet and acoustical tile ceiling, and repair plaster walls and paint in the Dressing Room.	3	\$6,000.00
i. Paint the vestibule, adjacent to the Dressing Room.	3	\$350.00
j. Repair the cracked terrazzo floor at the Gymnasium Lobby.	3	\$2,000.00
k. Repair the plaster at the exterior of the third floor Classroom and paint to match existing surfaces.	3	\$350.00
l. Re-key the entire building for security.	2	\$36,250.00
Total Interior Evaluation Cost		\$93,700.00

4. Heating, Ventilation, and Air Conditioning Evaluation:

a. There are no apparent deficiencies.		\$0.00
Total HVAC Evaluation Cost		\$0.00

5. Plumbing Evaluation:

a. The sewer line clogs and backs-up into the Physics Room at the basement floor. Determine the problem and repair.	2	\$10,000.00
Total Plumbing Evaluation Cost		\$10,000.00

BUILDING IMPROVEMENTS AND CONSTRUCTION COSTS

Bedford High School

	<u>Rank</u>	<u>Cost</u>
6. <u>Electrical Evaluation:</u>		
a. Upgrade security and controlled access for surveillance and alarms.	2	\$7,500.00
b. Upgrade the existing wave reader with two 16 camera DVR systems by the addition of 5 cameras. Replace the key scan numeric touch pad access system at 4 doors with a proximity reader card system.	2	\$5,500.00
Total Electrical Evaluation Cost		\$13,000.00
7. <u>Code Evaluation Cost:</u>		
The following items may be required depending on the level of work completed.		
a. Renovate the boys' and girls' gang toilets at the basement floor to meet code.	3	\$72,000.00
b. Install an accessible sink at the Concession Stand.	3	\$500.00
c. Renovate one Concession Stand counter to meet code.	3	\$500.00
d. Install beveled stair nosing at all risers.	3	\$25,800.00
e. Install ADA compliant student lockers.	3	\$9,800.00
f. Replace glass in Classroom doors, corridor doors, transoms, and display cases with safety glass.	3	\$7,500.00
g. Provide workstations and counters with sink for handicapped in the General Office, Library, Art, Science, Family and Consumer Science, Drafting, CAD Lab, Technology, Physics, Industrial Arts, Health Suite, Faculty Room, Training, etc. to meet code.	3	\$42,000.00
h. Upgrade one sink in rooms with cabinet sink(s) to ADA standards.	3	\$42,000.00
i. Provide an ADA compliant eyewash and shower at the Chemistry Classroom.	3	\$750.00

BUILDING IMPROVEMENTS AND CONSTRUCTION COSTS

Bedford High School

	<u>Rank</u>	<u>Cost</u>
j. Upgrade all individual use toilet rooms to comply with ADA requirements.	3	\$110,000.00
k. Upgrade the girls', boys', and team Locker Rooms to meet accessibility code requirements for benches.	3	\$50,000.00
l. Add handrails at stair to meet 5'-0" O.C. code requirements.	3	\$92,000.00
m. Renovate the outside gang toilets at the football field to meet accessibility standards.	3	\$10,000.00
n. Add piping insulation packages to exposed piping below lavatories.	3	\$1,500.00
o. Install a backflow preventer on the incoming domestic water line.	3	\$5,000.00
p. Install new Gymnasium bleachers to meet accessibility code.	3	\$140,000.00
q. Install 5 accessible on-site parking spaces with signage.	3	\$1,500.00
r. Install a fire suppression system. Add a fire pump, piping, and controls, if insulation pressure is available. Add a 20,000 gallon underground storage tank if required.	3	\$585,400.00
Total Code Evaluation Cost		\$1,196,250.00
Total Building Cost		\$1,671,700.00

INTRODUCTION TO OPTION EXPLORATION

This section of the Feasibility Study is an overview of the Proposed Options. Each Option includes the following information: Option Summary; Option Cost Summary; Student Enrollment / Capacity Evaluation; Proposed Educational Program; Proposed Elementary and Secondary Room Schedules; and Projected Reimbursement.

The following Options were developed during meetings with the Bedford Area School District's District Administration and EI Associates. These Options are provided for the Board of Education to evaluate the needs of the District's facilities. The Options are evaluated using the same information, programming, and facility needs for each Option, in order to compare the cost of each Option on an equal basis.

While the information provided for each facility is for the purpose of the Board of Education to review and evaluate the necessary repair to each building, for the purpose of Option comparison, the entire cost of each facility's improvements has been included as renovation costs. This cost can be refined in meetings held at a later time with the District, when reviewing the actual materials that would be utilized in the construction project.

School districts should understand that the Pennsylvania Department of Education will provide an additional 10% reimbursement for renovating existing buildings; also an additional 10% reimbursement for obtaining a minimum of Silver Certification from the U.S. Green Building Council's Leadership in Energy and Environmental Design Green Building Rating System (LEED-NC) for high performance and sustainable design standards.

These Options should be evaluated by the Board of Education by a process of elimination, narrowing down to a particular facility Option that best meets the program and budgetary concerns of the Bedford Area School District.

OPTION EXPLORATION SUMMARY

Summary of Options

Option 1 -- "Status Quo"

Option 1 (K-5, 6-8, 6-12, 9-12)

- Maintain separate Campus sites for all grade groupings.

Option 2 -- "Change Attendance Areas"

Adjust attendance areas for the Hyndman Campus to include Manns Choice Borough and Harrison Township as well as Hyndman Borough and Londonderry Township.

Option 2-A (K-5, 6-8, 6-12, 9-12)

- Maintain separate Campus sites for all grade groupings.

Option 2-B (K-5, 6-8, 9-12)

- Maintain separate Campus sites for Elementary grade groupings.
- Combine Campus sites for grades 6-8 and 9-12 at Bedford Campus.

Option 3 -- "Change Grade Alignment"

Bedford Elementary grade level change to K-4; Relocate grade 5 to Bedford Middle School.

Option 3-A (K-4, 5-8, 9-12; K-5, 6-12)

- Maintain separate Campus sites for all grade groupings.

Option 3-B (K-4, 5-8, 9-12)

- Maintain separate Campus sites for Elementary grade groupings.
- Combine Campus sites for grades 5-8 and 9-12 at Bedford Campus.

OPTION EXPLORATION SUMMARY

Options Information

Each Option includes the following information: Option Summary; Option Cost Summary; Student Enrollment / Capacity Evaluation; Proposed Educational Program; Proposed Elementary and Secondary Room Schedules; and Projected Reimbursement.

Option Summary: A summary of the respective option graphically illustrating the proposed Campus Structure for the Bedford Schools and Hyndman Schools.

Option Costs: A Cost Summary of the respective option including Maximum Eligible Reimbursement, Cost for Additions, Renovation Study Cost, Additional Educational Upgrades Cost, Total Project Cost, Annual Total Share, Annual State Share (State Reimbursement), and Annual Local Share.

Student Enrollment / Capacity Evaluation: The Tables graphically illustrate the Projected Student Enrollment for each of the proposed grade groupings vs. the proposed building capacity of the respective grade grouping.

Proposed Educational Program: A summary of the respective option Proposed Educational Program data. The information includes: Proposed Grade Alignment; Potential Work; District and PDE Functional Capacity; District and PDE Special Education Capacity; and the Highest Projected Enrollment for each grade grouping.

Proposed Room Schedules: Room schedules for the Elementary and Secondary Schools provide data for the Proposed Building Capacity. Spaces that receive capacity are shown as well as each Building's Functional Capacity, Total Capacity, and Special Educational Capacity.

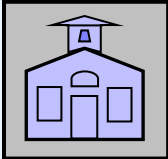
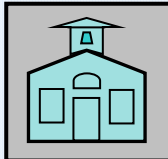
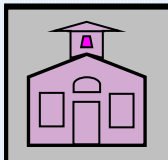
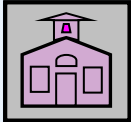
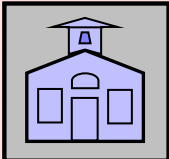
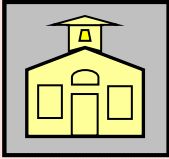
Projected Reimbursement Detailed Cost Data for the respective option including projected state reimbursement.

Option Cost Summary

A Cost Summary of all options including Maximum Eligible Reimbursement, Cost for Additions, Renovation Study Cost, Additional Educational Upgrades Cost, Total Project Cost, Annual Total Share, Annual State Share (State Reimbursement), Annual Local Share.

EXISTING EDUCATIONAL PROGRAM

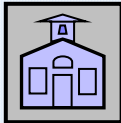


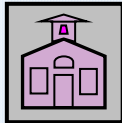
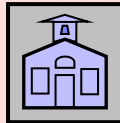
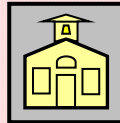



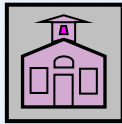
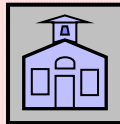
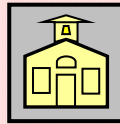



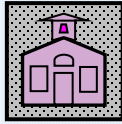
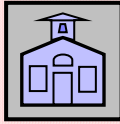




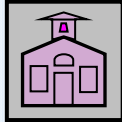


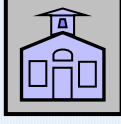


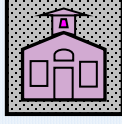
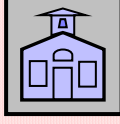
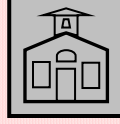
Existing Campus Structure

BEDFORD	HYNDMAN
<p>K-5</p>  <p>Bedford E.S. 843 Student Enrollment 834 District Capacity</p> <p>6-8</p>  <p>Bedford M.S. 460 Student Enrollment 525 District Capacity</p> <p>9-12</p>  <p>Bedford H.S. 613 Student Enrollment 643 District Capacity</p> <p>DAO</p>  <p>District Administration Offices (DAO) Located at Bedford High School 18 District Capacity</p>	<p>K-5</p>  <p>Hyndman-Londonderry E.S. 190 Student Enrollment 235 District Capacity</p> <p>6-12</p>  <p>Hyndman M.S. / H.S. 220 Student Enrollment 317 District Capacity</p>

SUMMARY OF OPTIONS

OPTIONS 1-3

Options Campus Structure

BEDFORD					HYNDMAN	
OPTION 1 -- STATUS QUO						
1	 K-5 Maintain w/ Upgrades	 6-8 Maintain w/ Upgrades	 DAO Remain at HS	 9-12 Maintain w/ Upgrades	 K-5 Maintain w/ Upgrades	 6-8; 9-12 Maintain w/ Upgrades
OPTION 2 -- CHANGE ATTENDANCE AREA						
2-A	 K-5 Maintain w/ Upgrades	 6-8 Alterations & Additions	 DAO Remain at HS	 9-12 Maintain w/ Upgrades	 K-5 Maintain w/ Upgrades	 6-8; 9-12 Maintain w/ Upgrades
2-B	 K-5 Maintain w/ Upgrades	 6-8 Alterations & Additions	 DAO New / Addition	 9-12 Maintain Convert DAO	 K-5 Maintain w/ Upgrades	 6-8; 9-12 Close Relocate 6-12
OPTION 3 -- CHANGE GRADE ALIGNMENT						
3-A	 K-4 Maintain w/ Upgrades	 5-8 Alterations & Additions	 DAO Remain at HS	 9-12 Maintain w/ Upgrades	 K-5 Maintain w/ Upgrades	 6-8; 9-12 Maintain w/ Upgrades
3-B	 K-4 Maintain w/ Upgrades	 5-8 Alterations & Additions	 DAO New / Addition	 9-12 Maintain Convert DAO	 K-5 Maintain w/ Upgrades	 6-8; 9-12 Close Relocate 6-12

OPTION 1 -- Status Quo

- K-5** *Maintain separate Elementary School campus sites.*
- Maintain Bedford Elementary School with upgrades as required.
 - Maintain Hyndman-Londonderry Elementary School with upgrades as required.
-
-

- 6-8** *Maintain separate Secondary School campus sites.*
- Maintain Bedford Middle School with upgrades as required.
-
-

- 6-12** *Maintain separate Secondary School campus sites.*
- Maintain Hyndman Middle/Senior High School with upgrades as required.
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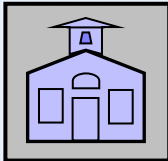
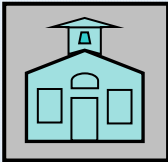
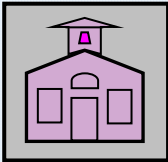
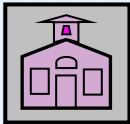
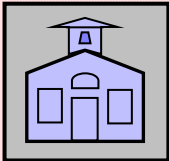
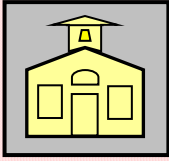
- 9-12** *Maintain separate Secondary School campus sites.*
- Maintain Bedford High School with upgrades as required.
-
-

- DAO** *District Administration Offices (DAO) to remain at Bedford High School*
-
-

- Pros**
- Maintain Status Quo.
 - Maintain current K-5 Elementary and 6-8, 9-12 Secondary grade structure.
 - Less cost than other options.

- Cons**
- Geographical separation of Secondary Educational program.
 - Non-homogeneous facility grade structure for 6-8, 9-12 and 6-12 grades.
 - 6-8 Middle School age students and 9-12 High School age students share facility.
 - Potential additional yearly expense, transportation and maintenance for three geographically separate Secondary Schools and two Elementary Schools.
-
-

Proposed Campus Structure -- Status Quo

BEDFORD	HYNDMAN
<p>K-5</p>  <p>Bedford E.S. Maintain w/ Upgrades 834 District Capacity</p> <p>6-8</p>  <p>Bedford M.S. Maintain w/ Upgrades 525 District Capacity</p> <p>9-12</p>  <p>Bedford H.S. Maintain w/ Upgrades 643 District Capacity</p> <p>DAO</p>  <p>District Administration Offices (DAO) Remain at Bedford High School 19 District Capacity</p>	<p>K-5</p>  <p>Hyndman-Londonderry E.S. Maintain w/ Upgrades 235 District Capacity</p> <p>6-12</p>  <p>Hyndman M.S. / H.S. Maintain w/ Upgrades 317 District Capacity</p>

OPTION COSTS

OPTION 1

OPTION 1 -- Status Quo

Proposed Mimimum Option Costs for Reimbursement

	Max. Eligible Reimb.	Constr. Cost for Additions	Renov. Cost	Additional Educ. Upgrades	Total Constr. Cost	Total Project Cost	+ Annual State Share	+ Annual Local Share	Millage Equiv.
Bedford ES	\$7,551,960	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.00
Hyndman ES	\$2,825,640	\$0	\$1,070,420	\$0	\$1,070,420	\$1,338,025	\$54,987	\$44,573	0.27
K-5 Total	\$10,377,600	\$0	\$1,070,420	\$0	\$1,070,420	\$1,338,025	\$54,987	\$44,573	0.27
Bedford MS 6-8 Total	\$4,699,680	\$0	\$5,178,885	\$0	\$5,178,885	\$6,473,606	\$193,122	\$288,531	1.73
Hyndman MS/HS 6-12 Total	\$2,773,560	\$0	\$1,567,610	\$0	\$1,567,610	\$1,959,513	\$80,463	\$65,225	0.39
Bedford HS 9-12/DAO Total	\$5,810,640	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.00
K-12/DAO Total	\$23,661,480	\$0	\$7,816,915	\$0	\$7,816,915	\$9,771,144	\$328,572	\$398,329	2.39

Proposed Option Costs

	Max. Eligible Reimb.	Constr. Cost for Additions	Renov. Cost	Additional Educ. Upgrades	Total Constr. Cost	Total Project Cost	+ Annual State Share	+ Annual Local Share	Millage Equiv.
Bedford ES	\$7,551,960	\$0	\$1,213,630	\$0	\$1,213,630	\$1,517,038	\$0	\$113,014	0.68
Hyndman ES	\$2,825,640	\$0	\$2,500,450	\$0	\$2,500,450	\$3,125,563	\$116,119	\$116,443	0.70
K-5 Total	\$10,377,600	\$0	\$3,714,080	\$0	\$3,714,080	\$4,642,601	\$116,119	\$229,457	1.38
Bedford MS 6-8 Total	\$4,699,680	\$0	\$9,158,922	\$0	\$9,158,922	\$11,448,653	\$193,126	\$658,704	3.95
Hyndman MS/HS 6-12 Total	\$2,773,560	\$0	\$2,795,925	\$0	\$2,795,925	\$3,494,906	\$114,064	\$146,175	0.88
Bedford HS 9-12/DAO Total	\$5,810,640	\$0	\$1,671,700	\$0	\$1,671,700	\$2,089,625	\$0	\$155,682	0.93
K-12/DAO Total	\$23,661,480	\$0	\$17,340,627	\$0	\$17,340,627	\$21,675,785	\$423,309	\$1,190,018	7.13

TABLE 58 - Projected Student Enrollment (K-5) vs. Proposed Building Capacity

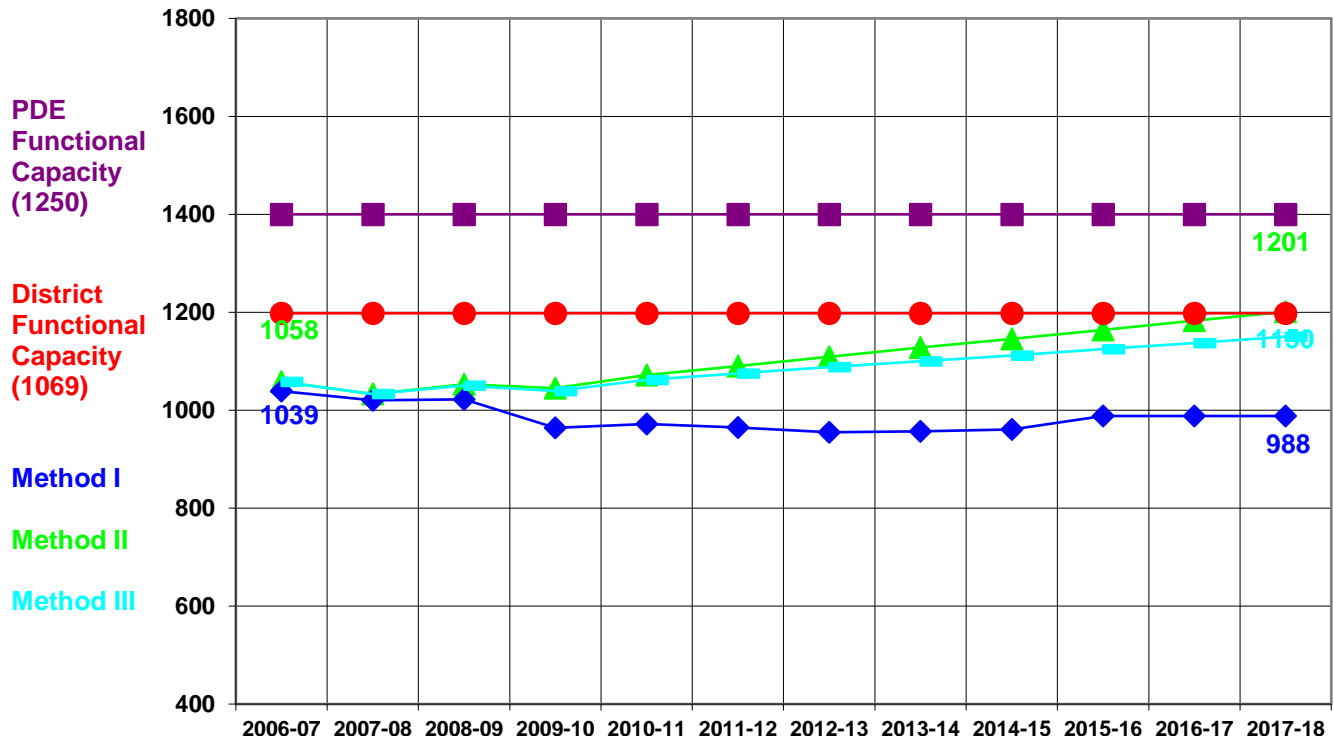


TABLE 59 - Projected Student Enrollment (6-12) vs. Proposed Building Capacity

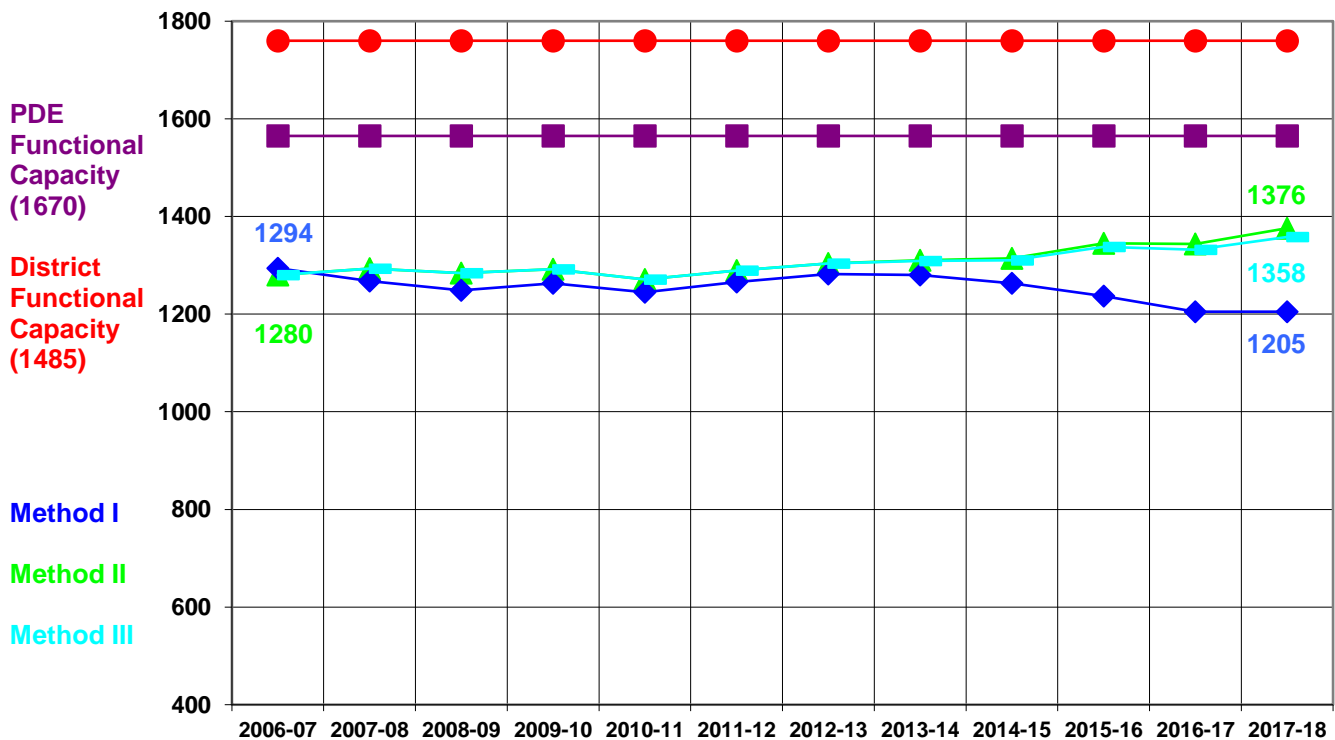
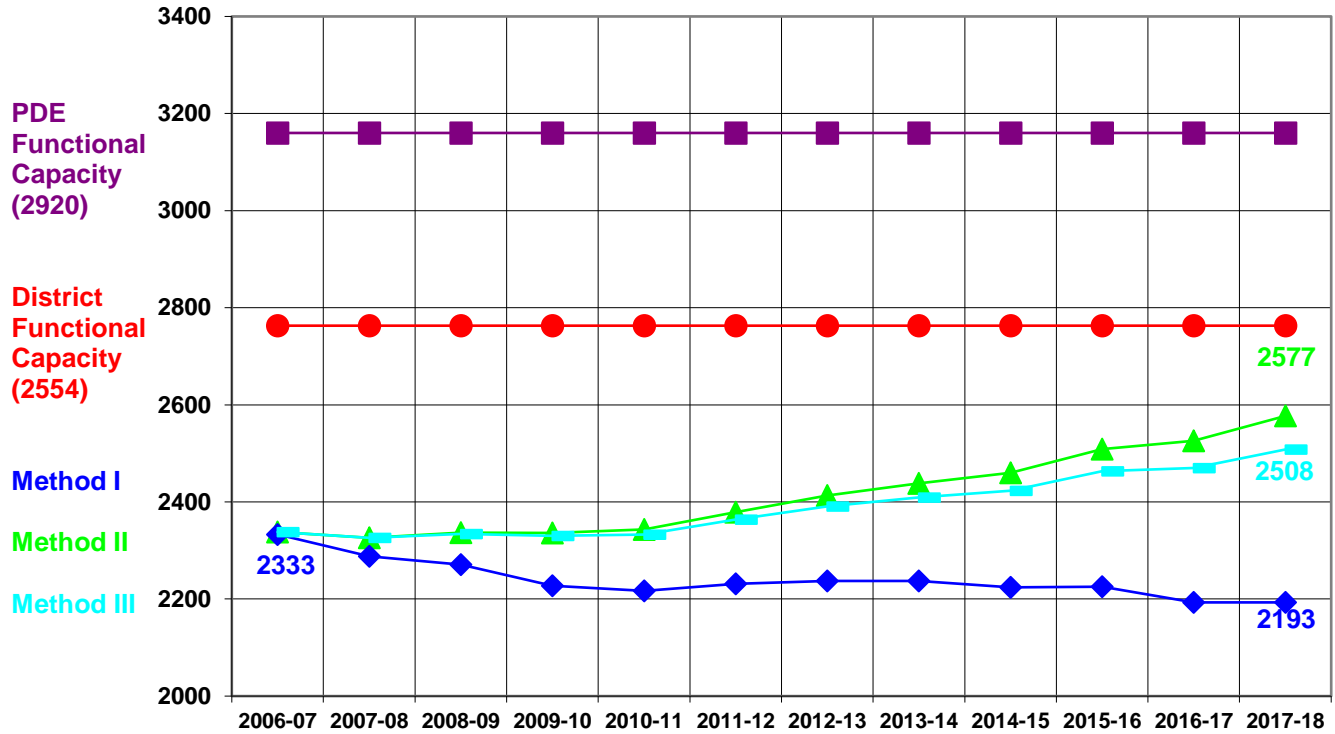


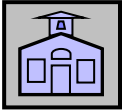



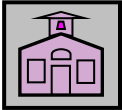

TABLE 60 - Projected Student Enrollment (K-12) vs. Proposed Building Capacity



PROPOSED EDUCATIONAL PROGRAM

OPTION 1

Proposed Building Capacity for Grades K-5; 6-8; 9-12; 6-12; K-12

Building	Proposed Grade Alignment	Potential Work	** Functional Capacity		Special Education Capacity		Highest Projected Enrollment	
			DIST	PDE	DIST	PDE	Methods I,II, III	Current + 10% *
	BEDFORD ELEMENTARY SCHOOL	K-5	Maintain w/ Upgrades	834	975	50	125	
	HYNDMAN-LONDONDERRY ELEM. SCHOOL	K-5	Maintain w/ Upgrades	235	275	20	50	
K-5 TOTAL			1,069	1,250			1,201 Method II	1,143 * 2006/07
	BEDFORD MIDDLE SCHOOL	6-8	Maintain w/ Upgrades	525	590	30	75	
	HYNDMAN MIDDLE / SR. HIGH SCHOOL	6-12	Maintain w/ Upgrades	317	356	20	50	
	BEDFORD HIGH SCHOOL	9-12	Maintain w/ Upgrades	643	724	40	100	
6-12 TOTAL			1,485	1,670			1,376 Method II	1,423 * 2006/07
K-12 TOTAL			2,554	2,920			2,577 Method II	2,566 * 2006/07
	DISTRICT ADMINISTRATION OFFICES		Remain at Bedford High School	19	19			

* PDE allows 2006/07 or 2007/08 Current Enrollment + 10% to be used as Highest Projected Enrollment for Project Grades.

** Elementary *Functional Capacity* are Graded Classrooms K-5; *Special Education Capacity* is not included in the Functional Capacity or Total Capacity.

PROPOSED ROOM SCHEDULE

K-5 OPTION 1

Educational Space	BEDFORD ELEMENTARY										HYNDMAN-LONDONDERRY ELEMENTARY									
	Existing K-5					Proposed K-5 Option 1					Existing K-5					Proposed K-5 Option 1				
	No.	Area	Total	Dist. FTE	PDE FTE	No.	Area	Total	Dist. FTE	PDE FTE	No.	Area	Total	Dist. FTE	PDE FTE	No.	Area	Total	Dist. FTE	PDE FTE
Half Day Kindergarten			0	0	0			0	0	0			0	0	0			0	0	0
Full Day Kindergarten	7	925	6,475	140	175	7	925	6,475	140	175	2	815	1,630	40	50	2	815	1,630	40	50
First Grade Classroom	7	840	5,880	140	175	7	840	5,880	140	175	2	850	1,700	40	50	2	850	1,700	40	50
Second Grade Classroom	7	840	5,880	140	175	7	840	5,880	140	175	2	850	1,700	40	50	2	850	1,700	40	50
Third Grade Classroom	6	850	5,100	138	150	6	850	5,100	138	150	1	800	800	23	25	1	800	800	23	25
Fourth Grade Classroom	6	850	5,100	138	150	6	850	5,100	138	150	2	800	1,600	46	50	2	800	1,600	46	50
Fifth Grade Classroom	6	850	5,100	138	150	6	850	5,100	138	150	2	800	1,600	46	50	2	800	1,600	46	50
Support Classroom			0	0	0			0	0	0	1	800	800	23	25	1	800	800	23	25
Reg. Clrm. < 660 SF			0					0					0					0		
Pre Kindergarten			0					0	0	0	1	815	815	20	25	1	815	815	20	25
Special Education Clrm.	5	850	4,250			5	850	4,250			2	800	1,600			2	800	1,600		
S.E. Seminar / S.G.I.			0					0					0					0		
Media Center	1	3,945	3,945			1	3,945	3,945			1	560	560			1	560	560		
Small Group Instruction	4	515	2,060			4	515	2,060					0					0		
Small Group Instruction	4	150	600			4	150	600					0					0		
Large Group Instruction	1	1,680	1,680			1	1,680	1,680			1	990	990			1	990	990		
Computer Lab	1	815	815			1	815	815			1	425	425			1	425	425		
Art Classroom	1	735	735			1	735	735					0					0		
Art / Music Classroom	1	750	750			1	750	750			1	985	985			1	985	985		
Music Classroom	1	715	715			1	715	715					0					0		
Gymnasium / Multi-Purpose Rm	1	6,035	6,035			1	6,035	6,035			1	3,570	3,570			1	3,570	3,570		
Locker Room			0					0					0					0		
Stage / Platform	1	1,670	1,670			1	1,670	1,670			1	560	560			1	560	560		
Student Dining			0					0					0					0		
Kitchen Areas	1	3,320	3,320			1	3,320	3,320			1	1,460	1,460			1	1,460	1,460		
Administration / Guidance	1	3,300	3,300			1	3,300	3,300			1	740	740			1	740	740		
Health Suite	1	1,170	1,170			1	1,170	1,170			1	295	295			1	295	295		
Faculty Dining / Workroom	1	355	355			1	355	355			1	320	320			1	320	320		
Faculty / I.P.C.	9	175	1,575			9	175	1,575					0					0		
FUNCTIONAL CAPACITY				834	975				834	975				235	275				235	275
TOTAL CAPACITY				834	975				834	975				278	325				278	325
SPECIAL EDUCATION CAPACITY				50	125				50	125				20	50				20	50
SCHEDULED AREA			66,510	SF				66,510	SF				22,150	SF				22,150	SF	
ARCHITECTURAL AREA			115,105	SF				115,105	SF				32,725	SF				32,725	SF	
NEW ARCHITECTURAL AREA								0	SF									0	SF	
CLSRM COUNT	39					39					13					13				
S.E. COUNT	5					5					2					2				
TOTAL	44					44					15					15				
ADDITIONAL CLASSROOMS																				
S.A. / ARCH. AREA FACTOR			1.731					1.731					1.477					1.477		
SF / FUNCTIONAL CAPACITY				138	118				138	118				139	119				139	119
SF / NO. OF STUDENTS				137	137				107	107				172	172				172	172

PROPOSED ROOM SCHEDULE

6-8; 6-12; 9-12 OPTION 1

Educational Space	BEDFORD MIDDLE SCHOOL										HYNDMAN MIDDLE / SENIOR HIGH SCHOOL										BEDFORD HIGH SCHOOL									
	Existing 6-8					Proposed 6-8 Option 1					Existing 6-12					Proposed 6-12 Option 1					Existing 9-12					Proposed 9-12 Option 1				
	No.	Area	Total	Dist. FTE	PDE FTE	No.	Area	Total	Dist. FTE	PDE FTE	No.	Area	Total	Dist. FTE	PDE FTE	No.	Area	Total	Dist. FTE	PDE FTE	No.	Area	Total	Dist. FTE	PDE FTE	No.	Area	Total	Dist. FTE	PDE FTE
Reg Clsrm 660+ SF	14	840	11,760	350	350	14	840	11,760	350	350	8	750	6,000	200	200	8	750	6,000	200	200	16	755	12,080	400	400	16	755	12,080	400	400
Reg Clsrm < 660 SF			0					0					0					0			4	630	2,520			4	630	2,520		
Special Education Clsrm.	2	810	1,620			2	810	1,620			1	660	660			1	660	660			3	785	2,355			3	785	2,355		
Spec. Educ. Seminar / S.G.I.	4	435	1,740			4	435	1,740			2	440	880			2	440	880			3	460	1,380			3	460	1,380		
Media Center	1	2,500	2,500			1	2,500	2,500			1	1,565	1,565			1	1,565	1,565			1	4,120	4,120			1	4,120	4,120		
T.V. Studio			0					0					0					0			1	600	600			1	600	600		
S.G.I. / Student Activity			0					0			1	460	460			1	460	460			1	560	560			1	560	560		
Large Group Instruction	1	1,550	1,550			1	1,550	1,550					0					0			1	1,140	1,140			1	1,140	1,140		
Science Classroom	2	825	1,650	50	50	2	825	1,650	50	50	1	660	660	25	25	1	660	660	25	25	3	980	2,940	75	75	3	980	2,940	75	75
Science < 660 SF			0					0					0					0			1	640	640			1	640	640		
Science Proj Rm / Greenhouse	2	250	500			2	250	500					0					0			1	380	380			1	380	380		
Science Lab	1	1,000	1,000	20	20	1	1,000	1,000	20	20	1	995	995	20	20	1	995	995	20	20	3	1,485	4,455	60	60	3	1,485	4,455	60	60
Business Clsrm			0	0	0			0	0	0			0	0	0			0	0	0	1	660	660	25	25	1	660	660	25	25
Computer Lab	2	855	1,710	40	40	2	855	1,710	40	40	1	825	825	20	20	1	825	825	20	20	4	885	3,540	80	80	4	885	3,540	80	80
Art Classroom	1	950	950	20	20	1	950	950	20	20	1	775	775	20	20	1	775	775	20	20	1	1,645	1,645	20	20	1	1,645	1,645	20	20
Music Classroom	1	1,030	1,030	25	25	1	1,030	1,030	25	25	1	1,205	1,205	25	25	1	1,205	1,205	25	25	1	1,745	1,745	25	25	1	1,745	1,745	25	25
Band / Orchestra / Choral	1	1,825	1,825	25	25	1	1,825	1,825	25	25			0	0	0			0	0	0			0	0	0			0	0	0
Family & Consumer Science	1	2,035	2,035	20	20	1	2,035	2,035	20	20			0	0	0			0	0	0	1	2,180	2,180	20	20	1	2,180	2,180	20	20
TE Shop	2	2,150	4,300	40	40	2	2,150	4,300	40	40	1	1,800	1,800	20	20	1	1,800	1,800	20	20			0	0	0			0	0	0
TE Shop <1800 sf			0					0					0					0			1	1,135	1,135			1	1,135	1,135		
Vo Ag Shop w/ Clsrm			0	0	0			0	0	0			0	0	0			0	0	0			0	0	0			0	0	0
Gymnasium	1	6,650	6,650	66	66	1	6,650	6,650	66	66	1	6,500	6,500	66	66	1	6,500	6,500	66	66	1	8,700	8,700	66	66	1	8,700	8,700	66	66
Auxiliary Gymnasium			0	0	0			0	0	0			0	0	0			0	0	0	1	2,700	2,700	33	33	1	2,700	2,700	33	33
Adaptive Gymnasium			0					0					0					0			1	2,700	2,700			1	2,700	2,700		
Locker Room / Team Room	2	1,570	3,140			2	1,570	3,140			2	1,340	2,680			2	1,340	2,680			3	2,040	6,120			3	2,040	6,120		
Weight / Wrestling / Cardio Rm			0					0			2	845	1,690			2	845	1,690			2	965	1,930			2	965	1,930		
Training Room			0					0					0					0			1	505	505			1	505	505		
Stage / Platform			0					0			1	875	875			1	875	875			1	1,780	1,780			1	1,780	1,780		
Auditorium			0					0					0					0			1	6,000	6,000			1	6,000	6,000		
Student Dining	1	3,500	3,500			1	3,500	3,500			1	2,040	2,040			1	2,040	2,040			1	5,830	5,830			1	5,830	5,830		
Kitchen Areas	1	775	775			1	775	775			1	700	700			1	700	700			1	3,600	3,600			1	3,600	3,600		
Administration / Guidance	1	1,410	1,410			1	1,410	1,410			1	1,015	1,015			1	1,015	1,015			1	3,250	3,250			1	3,250	3,250		
Health Suite	1	875	875			1	875	875			1	690	690			1	690	690			1	1,180	1,180			1	1,180	1,180		
Technology Suite			0					0					0					0			1	675	675			1	675	675		
Faculty Dining / Workroom	2	405	810			2	405	810			2	305	610			2	305	610			3	585	1,755			3	585	1,755		
Faculty / I.P.C. / Office / P.E. Office	3	190	570			3	190	570			4	110	440			4	110	440			12	165	1,980			12	165	1,980		
District Administration Offices			0					0					0					0			1	3,775	3,775	18	18	1	3,775	3,775	19	19
FUNCTIONAL CAPACITY	525 590					525 590					317 356					317 356					643 724					643 724				
TOTAL CAPACITY	525 590					525 590					317 356					317 356					661 742					662 743				
SPECIAL EDUCATION CAPACITY	30 75					30 75					20 50					20 50					40 100					40 100				
SCHEDULED AREA	51,900 SF					51,900 SF					33,065 SF					33,065 SF					96,555 SF					96,555 SF				
ARCHITECTURAL AREA	81,000 SF					81,000 SF					50,205 SF					50,205 SF					177,390 SF					177,390 SF				
NEW ARCHITECTURAL AREA						0 SF										0 SF										0 SF				
CLSRM COUNT	14					14					8					8					20					20				
S.E. COUNT	2					2					1					1					3					3				
TOTAL	16					16					9					9					23					23				
ADDITIONAL CLASSROOMS																														
S.A. / ARCH. AREA FACTOR	1.561					1.561					1.518					1.518					1.837					1.837				
SF / FUNCTIONAL CAPACITY	154 137					154 137					158 141					158 141					276 245					276 245				
SF / NO. OF STUDENTS	176 176					146 146					228 228					198 198					289 289					268 268				

PROJECTED REIMBURSEMENT

Rank 1 or Minimum Costs for Reimbursement - OPTION 1

	Dist Bldg. FTE	PDE Adj. New FTE	RPC	** Reimb. Factor	Max Elig. Reimb.	Constr. New S.F.	Constr. Cost for Additions	Renov. Exist. S.F.	Renov. Study Cost	Additional Educ. Upgrades	Total Constr. Cost	Total Project Cost	** % M.E.R. to T.P.C.	Aid Ratio	% State Share	% Local Share	+ Annual Total Share	+ Annual State Share	+ Annual Local Share	Millage Equiv.
Bedford Elementary	834	1,043	1,339	4,700	6,293,300	0	0	115,105	0	0	0	0	0.0000	0.5523	0.00%	100.00%	0	0	0	0.00
		*Existing	1,339	470	629,330				Rank 1				**20% Rule for Existing							
		*LEED	1,339	470	629,330															
				**	7,551,960															
Hyndman-Londonderry Elementary	235	358	501	4,700	2,354,700	0	0	32,725	1,070,420	0	1,070,420	1,338,025	1.0000	0.5523	55.23%	44.77%	99,560	54,987	44,573	0.27
		*Existing	501	470	235,470				20% rule min.											
		*LEED	501	470	235,470															
					2,825,640															
K-5 Total	1,069	1,401	1,840		\$10,377,600	0	\$0	147,830	\$1,070,420	\$0	\$1,070,420	\$1,338,025		0.5523			\$99,560	\$54,987	\$44,573	0.27

Bedford Middle School	525	193	270	4,700	1,269,000	0	0	81,000	5,178,885	0	5,178,885	6,473,606	0.7260	0.5523	40.10%	59.90%	481,653	193,122	288,531	1.73
		*Existing	270	470	126,900				Rank 1											
		*LEED	270	470	126,900															
			385	427	6,200															
		*Existing	427	620	264,740															
		*LEED	427	620	264,740															
6-8 Total	525	578	697		\$4,699,680	0	\$0	81,000	\$5,178,885	\$0	\$5,178,885	\$6,473,606		0.5523			\$481,653	\$193,122	\$288,531	1.73
Hyndman Middle / Sr. High School	317	48	67	4,700	314,900	0	0	50,205	1,567,610	0	1,567,610	1,959,513	1.0000	0.5523	55.23%	44.77%	145,688	80,463	65,225	0.39
		*Existing	67	470	31,490				20% rule min.											
		*LEED	67	470	31,490															
			290	322	6,200															
		*Existing	322	620	199,640															
		*LEED	322	620	199,640															
6-12 Total	317	338	389		\$2,773,560	0	\$0	50,205	\$1,567,610	\$0	\$1,567,610	\$1,959,513		0.5523			\$145,688	\$80,463	\$65,225	0.39
Bedford High School	643	685	760	6,200	4,712,000	0	0	177,390	0	0	0	0	0.0000	0.5523	0.00%	100.00%	0	0	0	0.00
		*Existing	760	620	471,200				Rank 1				**20% Rule for Existing							
		*LEED	760	620	471,200															
District Administration Offices (DAO)	19	19	21	6,200	130,200															
		*Existing	21	620	13,020															
		*LEED	21	620	13,020															
9-12 / DAO Total	643	704	781	**	\$5,810,640	0	\$0	177,390	\$0	\$0	\$0	\$0		0.5523			\$0	\$0	\$0	0.00

K-12 / DAO Total	2,554	3,021			\$23,661,480	0	\$0	456,425	\$7,816,915	\$0	\$7,816,915	\$9,771,144		0.5523			\$726,901	\$328,572	\$398,329	2.39
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* Additional 10% Reimbursement for *Qualifying Existing Building* also Additional 10% Reimbursement for *Qualifying Leed Certification* . *Qualifying Existing Building* must meet reimbursable minimum cost criteria to receive any or part of the additional 10% Reimbursement.
** Existing Renovation Costs must exceed the "20% Rule" to qualify for Reimbursement of the existing portion of the facility.

PROJECTED REIMBURSEMENT

Rank 3 Costs - OPTION 1

	Dist Bldg. FTE	PDE Adj. New FTE	RPC	** Reimb. Factor	Max Elig. Reimb.	Constr. New S.F.	Constr. Cost for Additions	Renov. Exist. S.F.	Renov. Study Cost	Additional Educ. Upgrades	Total Constr. Cost	Total Project Cost	** % M.E.R. to T.P.C.	Aid Ratio	% State Share	% Local Share	+ Annual Total Share	+ Annual State Share	+ Annual Local Share	Millage Equiv.
Bedford Elementary	834	1,043 *Existing *LEED	1,339 1,339 1,339	4,700 470 470 **	6,293,300 629,330 629,330 7,551,960	0	0	115,105	1,213,630	0	1,213,630	1,517,038	0.0000 **20% Rule for Existing	0.5523	0.00%	100.00%	113,014	0 **20% Rule for Existing	113,014	0.68
Hyndman-Londonderry Elementary	235	358 *Existing *LEED	501 501 501	4,700 470 470	2,354,700 235,470 235,470 2,825,640	0	0	32,725	2,500,450	0	2,500,450	3,125,563	0.9040	0.5523	49.93%	50.07%	232,562	116,119	116,443	0.70
K-5 Total	1,069	1,401	1,840		\$10,377,600	0	\$0	147,830	\$3,714,080	\$0	\$3,714,080	\$4,642,601		0.5523			\$345,576	\$116,119	\$229,457	1.38

Bedford Middle School	525	193 *Existing *LEED	270 270 270	4,700 470 470	1,269,000 126,900 126,900	0	0	81,000	9,158,922	0	9,158,922	11,448,653	0.4105	0.5523	22.67%	77.33%	851,830	193,126	658,704	3.95
		385 *Existing *LEED	427 427 427	6,200 620 620	2,647,400 264,740 264,740															
6-8 Total	525	578	697		\$4,699,680	0	\$0	81,000	\$9,158,922	\$0	\$9,158,922	\$11,448,653		0.5523			\$851,830	\$193,126	\$658,704	3.95
Hyndman Middle / Sr. High School	317	48 *Existing *LEED	67 67 67	4,700 470 470	314,900 31,490 31,490	0	0	50,205	2,795,925	0	2,795,925	3,494,906	0.7936	0.5523	43.83%	56.17%	260,239	114,064	146,175	0.88
		290 *Existing *LEED	322 322 322	6,200 620 620	1,996,400 199,640 199,640															
6-12 Total	317	338	389		\$2,773,560	0	\$0	50,205	\$2,795,925	\$0	\$2,795,925	\$3,494,906		0.5523			\$260,239	\$114,064	\$146,175	0.88
Bedford High School	643	685 *Existing *LEED	760 760 760	6,200 620 620	4,712,000 471,200 471,200	0	0	177,390	1,671,700	0	1,671,700	2,089,625	0.0000 **20% Rule for Existing	0.5523	0.00%	100.00%	155,682	0 **20% Rule for Existing	155,682	0.93
District Administration Offices (DAO)	19	19 *Existing *LEED	21 21 21	6,200 620 620	130,200 13,020 13,020															
9-12 / DAO Total	643	704	781	**	\$5,810,640	0	\$0	177,390	\$1,671,700	\$0	\$1,671,700	\$2,089,625		0.5523			\$155,682	\$0	\$155,682	0.93

K-12 / DAO Total	2,554	3,021			\$23,661,480	0	\$0	456,425	\$17,340,627	\$0	\$17,340,627	\$21,675,785		0.5523			\$1,613,327	\$423,309	\$1,190,018	7.13
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* Additional 10% Reimbursement for *Qualifying Existing Building* also Additional 10% Reimbursement for *Qualifying Leed Certification* . *Qualifying Existing Building* must meet reimbursable minimum cost criteria to receive any or part of the additional 10% Reimbursement.
** Existing Renovation Costs must exceed the "20% Rule" to qualify for Reimbursement of the existing portion of the facility.

OPTION 2-A -- Change Attendance Area

Adjust attendance areas for the Hyndman Campus to include Manns Choice Borough and Harrison Township as well as Hyndman Borough and Londonderry Township. Refer to Maps 5 and 6 for a geographic illustration of the School District existing and proposed attendance areas.

- K-5** *Maintain separate Elementary School campus sites.*
- Maintain Bedford Elementary School with upgrades as required.
 - Maintain Hyndman-Londonderry Elementary School with upgrades as required.
-
-

- 6-8** *Maintain separate Secondary School campus sites.*
- Alterations & Additions to Bedford Middle School with upgrades as required.
-
-

- 6-12** *Maintain separate Secondary School campus sites.*
- Maintain Hyndman Middle/Senior High School with upgrades as required.
-
-

- 9-12** *Maintain separate Secondary School campus sites.*
- Maintain Bedford High School with upgrades as required.
-
-

- DAO** *District Administration Offices (DAO) to remain at Bedford High School*
-
-

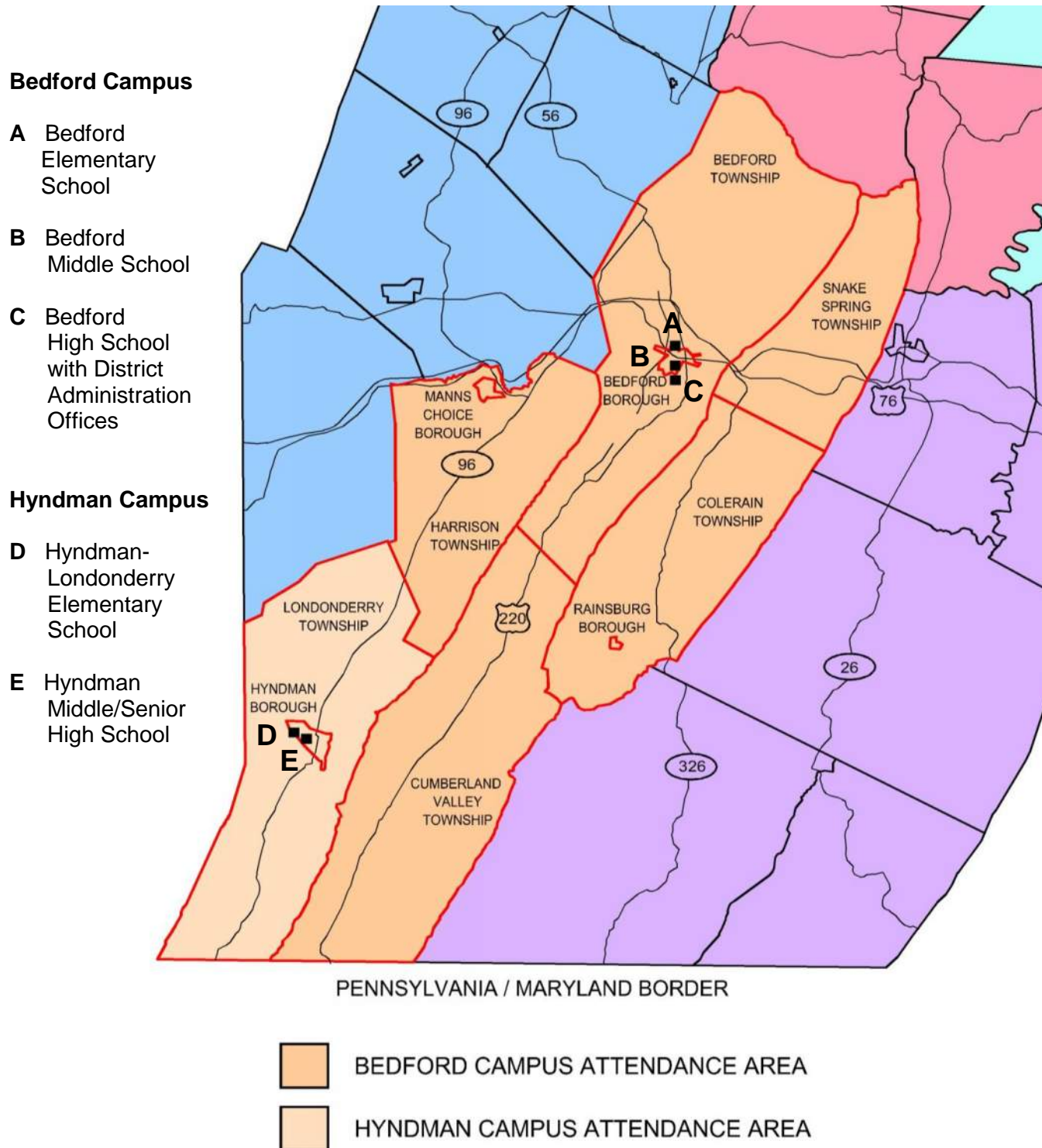
- Pros**
- Maintain Status Quo.
 - Maintain current K-5 Elementary and 6-8, 9-12 Secondary grade structure.

- Cons**
- Geographical separation of Secondary Educational program.
 - Non-homogeneous facility grade structure for 6-8, 9-12 and 6-12 grades.
 - 6-8 Middle School age students and 9-12 High School age students share facility.
 - Potential additional yearly expense, transportation and maintenance for three geographically separate Secondary Schools and two Elementary Schools.
-
-

CURRENT ATTENDANCE AREA

Bedford Area School District - District Map

Map 5 illustrates the Bedford Area School District current attendance area. Map source is the Bedford County Comprehensive Plan.



PROPOSED ATTENDANCE AREA

Bedford Area School District - District Map

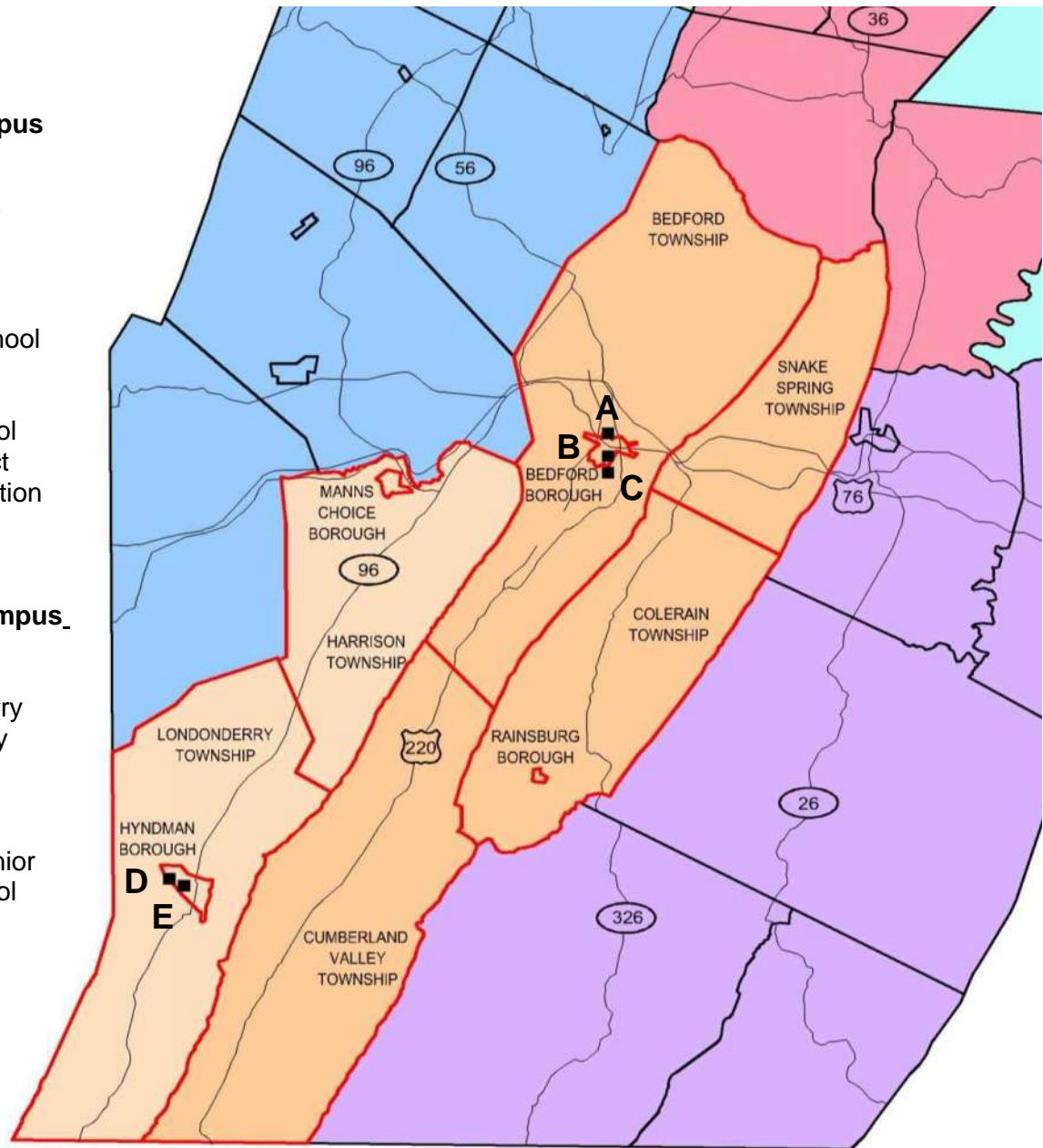
Map 6 illustrates the Bedford Area School District proposed attendance area. Map source is the Bedford County Comprehensive Plan.

Bedford Campus



- A** Bedford Elementary School
- B** Bedford Middle School
- C** Bedford High School with District Administration Offices

Hyndman Campus

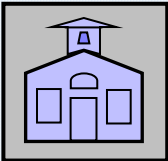
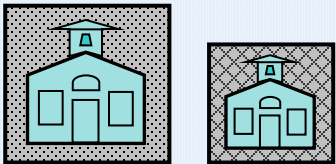
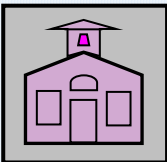
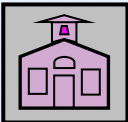
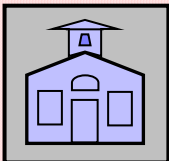
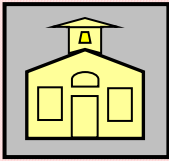
- D** Hyndman-Londonderry Elementary School
- E** Hyndman Middle/Senior High School



PENNSYLVANIA / MARYLAND BORDER

-  BEDFORD CAMPUS ATTENDANCE AREA
-  HYNDMAN CAMPUS ATTENDANCE AREA

Proposed Campus Structure -- Change Attendance Area

BEDFORD	HYNDMAN
<p>K-5</p>  <p>Bedford E.S. Maintain w/ Upgrades 834 District Capacity</p> <p>6-8</p>  <p>Bedford M.S. Alterations & Additions 605 District Capacity</p> <p>9-12</p>  <p>Bedford H.S. Maintain w/ Upgrades 643 District Capacity</p> <p>DAO</p>  <p>District Administration Offices (DAO) Remain at Bedford High School 19 District Capacity</p>	<p>K-5</p>  <p>Hyndman-Londonderry E.S. Maintain w/ Upgrades 235 District Capacity</p> <p>6-12</p>  <p>Hyndman M.S. / H.S. Maintain w/ Upgrades 317 District Capacity</p>

OPTION COSTS

OPTION 2-A

OPTION 2-A -- Change Attendance Area

Proposed Mimimum Option Costs for Reimbursement

	Max. Eligible Reimb.	Constr. Cost for Additions	Renov. Cost	Additional Educ. Upgrades	Total Constr. Cost	Total Project Cost	+ Annual State Share	+ Annual Local Share	Millage Equiv.
Bedford ES	\$7,551,960	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.00
Hyndman ES	\$2,825,640	\$0	\$1,070,420	\$0	\$1,070,420	\$1,338,025	\$54,987	\$44,573	0.27
K-5 Total	\$10,377,600	\$0	\$1,070,420	\$0	\$1,070,420	\$1,338,025	\$54,987	\$44,573	0.27
Bedford MS 6-8 Total	\$5,293,200	\$1,507,500	\$5,178,885	\$0	\$6,686,385	\$8,357,981	\$217,547	\$404,412	2.42
Hyndman MS/HS 6-12 Total	\$2,773,560	\$0	\$1,567,610	\$0	\$1,567,610	\$1,959,513	\$80,463	\$65,225	0.39
Bedford HS 9-12/DAO Total	\$5,810,640	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.00
K-12/DAO Total	\$24,255,000	\$1,507,500	\$7,816,915	\$0	\$9,324,415	\$11,655,519	\$352,997	\$514,210	3.08

Proposed Option Costs

	Max. Eligible Reimb.	Constr. Cost for Additions	Renov. Cost	Additional Educ. Upgrades	Total Constr. Cost	Total Project Cost	+ Annual State Share	+ Annual Local Share	Millage Equiv.
Bedford ES	\$7,551,960	\$0	\$1,213,630	\$0	\$1,213,630	\$1,517,038	\$0	\$113,014	0.68
Hyndman ES	\$2,825,640	\$0	\$2,500,450	\$0	\$2,500,450	\$3,125,563	\$116,119	\$116,443	0.70
K-5 Total	\$10,377,600	\$0	\$3,714,080	\$0	\$3,714,080	\$4,642,601	\$116,119	\$229,457	1.38
Bedford MS 6-8 Total	\$5,293,200	\$1,507,500	\$9,158,922	\$0	\$10,666,422	\$13,333,028	\$217,538	\$774,598	4.64
Hyndman MS/HS 6-12 Total	\$2,773,560	\$0	\$2,795,925	\$0	\$2,795,925	\$3,494,906	\$114,064	\$146,175	0.88
Bedford HS 9-12/DAO Total	\$5,810,640	\$0	\$1,671,700	\$0	\$1,671,700	\$2,089,625	\$0	\$155,682	0.93
K-12/DAO Total	\$24,255,000	\$1,507,500	\$17,340,627	\$0	\$18,848,127	\$23,560,160	\$447,721	\$1,305,912	7.83

TABLE 61 - Projected Student Enrollment (K-5) vs. Proposed Building Capacity

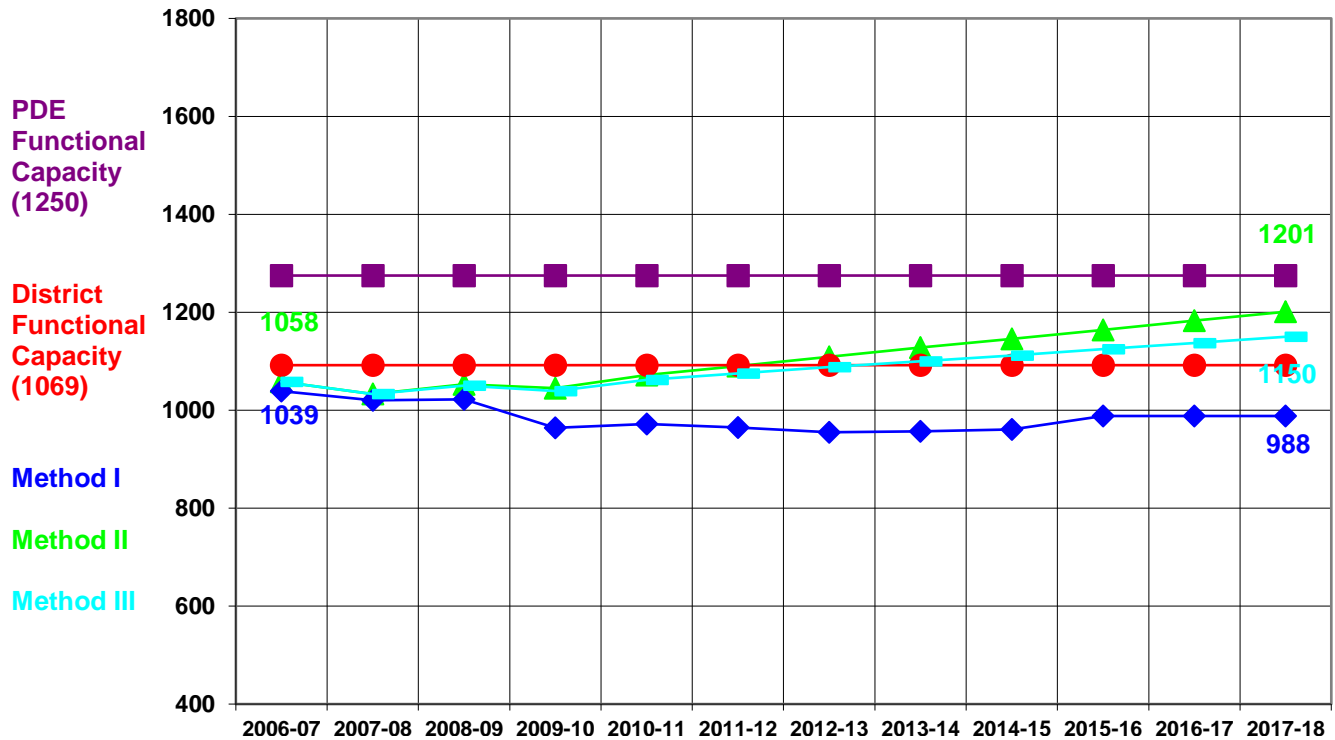


TABLE 62 - Projected Student Enrollment (6-12) vs. Proposed Building Capacity

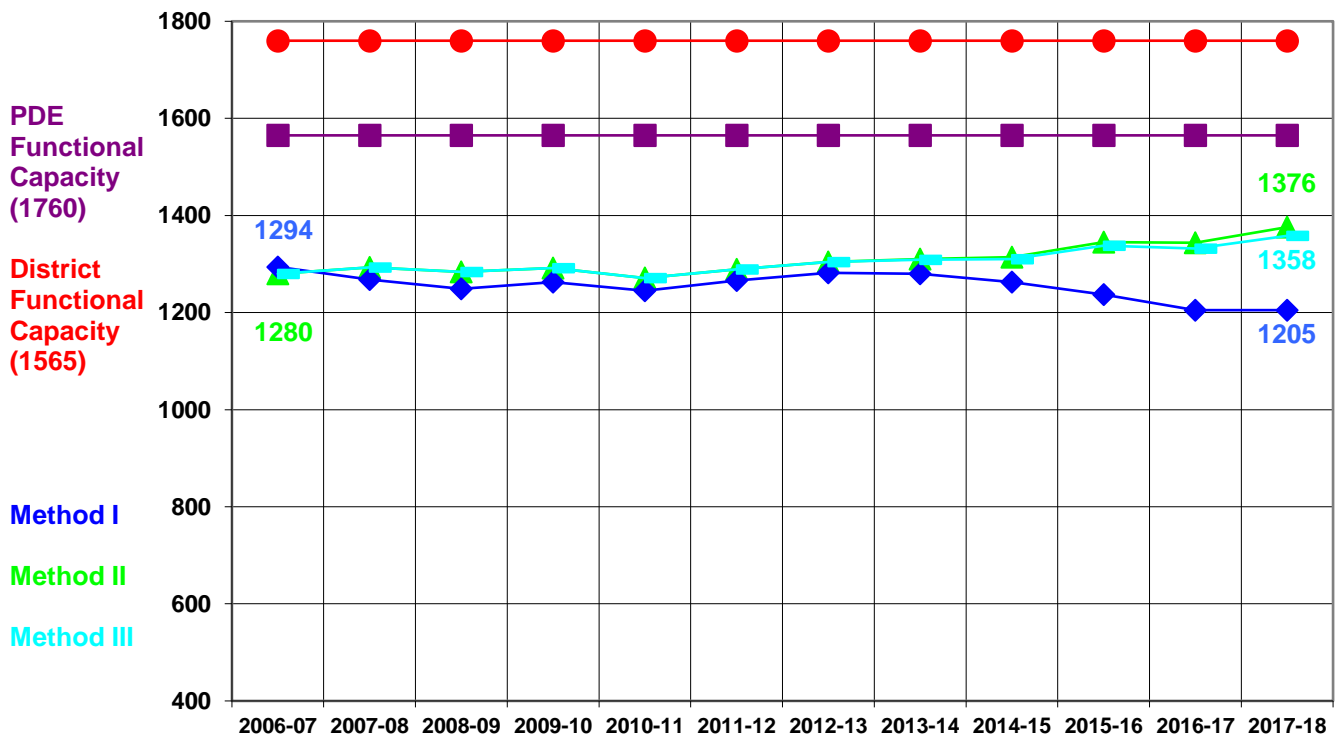
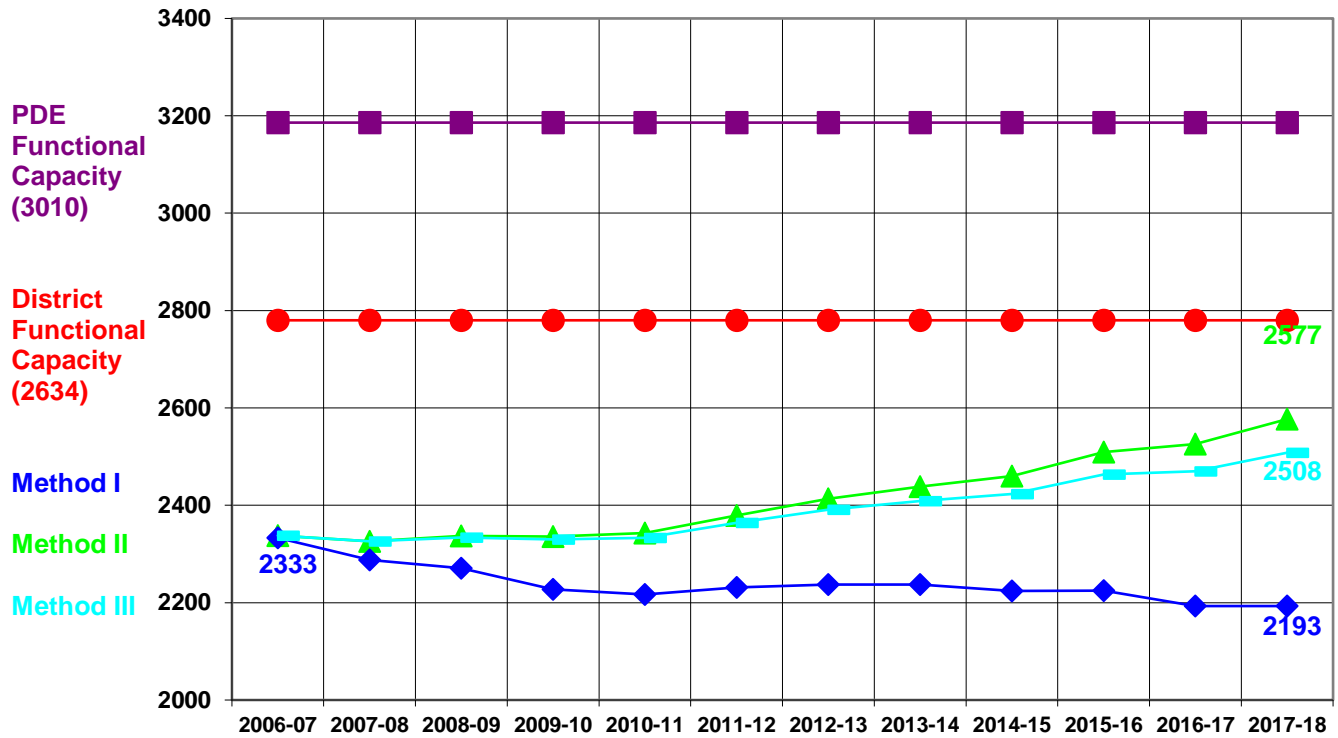


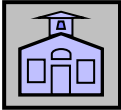





TABLE 63 - Projected Student Enrollment (K-12) vs. Proposed Building Capacity



PROPOSED EDUCATIONAL PROGRAM

OPTION 2-A

Proposed Building Capacity for Grades K-5; 6-8; 9-12; 6-12; K-12

Building	Proposed Grade Alignment	Potential Work	** Functional Capacity		Special Education Capacity		Highest Projected Enrollment	
			DIST	PDE	DIST	PDE	Methods I,II, III	Current + 10% *
	BEDFORD ELEMENTARY SCHOOL	K-5	Maintain w/ Upgrades	834	975	50	125	
	HYNDMAN-LONDONDERRY ELEM. SCHOOL	K-5	Maintain w/ Upgrades	235	275	20	50	
K-5 TOTAL			1,069	1,250			1,201 Method II	1,143 * 2006/07
	BEDFORD MIDDLE SCHOOL	6-8	Alts/Add's	605	680	40	100	
	HYNDMAN MIDDLE / SR. HIGH SCHOOL	6-12	Maintain w/ Upgrades	317	356	20	50	
	BEDFORD HIGH SCHOOL	9-12	Maintain w/ Upgrades	643	724	40	100	
6-12 TOTAL			1,565	1,760			1,376 Method II	1,423 * 2006/07
K-12 TOTAL			2,634	3,010			2,577 Method II	2,566 * 2006/07
	DISTRICT ADMINISTRATION OFFICES		Remain at Bedford High School	19	19			

* PDE allows 2006/07 or 2007/08 Current Enrollment + 10% to be used as Highest Projected Enrollment for Project Grades.

** Elementary *Functional Capacity* are Graded Classrooms K-5; *Special Education Capacity* is not included in the Functional Capacity or Total Capacity.

PROPOSED ROOM SCHEDULE

K-5 OPTION 2-A

Educational Space	BEDFORD ELEMENTARY										HYNDMAN-LONDONDERRY ELEMENTARY									
	Existing K-5					Proposed K-5 Option 2-A					Existing K-5					Proposed K-5 Option 2-A				
	No.	Area	Total	Dist. FTE	PDE FTE	No.	Area	Total	Dist. FTE	PDE FTE	No.	Area	Total	Dist. FTE	PDE FTE	No.	Area	Total	Dist. FTE	PDE FTE
Half Day Kindergarten			0	0	0			0	0	0			0	0	0			0	0	0
Full Day Kindergarten	7	925	6,475	140	175	7	925	6,475	140	175	2	815	1,630	40	50	2	815	1,630	40	50
First Grade Classroom	7	840	5,880	140	175	7	840	5,880	140	175	2	850	1,700	40	50	2	850	1,700	40	50
Second Grade Classroom	7	840	5,880	140	175	7	840	5,880	140	175	2	850	1,700	40	50	2	850	1,700	40	50
Third Grade Classroom	6	850	5,100	138	150	6	850	5,100	138	150	1	800	800	23	25	1	800	800	23	25
Fourth Grade Classroom	6	850	5,100	138	150	6	850	5,100	138	150	2	800	1,600	46	50	2	800	1,600	46	50
Fifth Grade Classroom	6	850	5,100	138	150	6	850	5,100	138	150	2	800	1,600	46	50	2	800	1,600	46	50
Support Classroom			0	0	0			0	0	0	1	800	800	23	25	1	800	800	23	25
Reg. Clrm. < 660 SF			0					0					0					0		
Pre Kindergarten			0					0	0	0	1	815	815	20	25	1	815	815	20	25
Special Education Clrm.	5	850	4,250			5	850	4,250			2	800	1,600			2	800	1,600		
S.E. Seminar / S.G.I.			0					0					0					0		
Media Center	1	3,945	3,945			1	3,945	3,945			1	560	560			1	560	560		
Small Group Instruction	4	515	2,060			4	515	2,060					0					0		
Small Group Instruction	4	150	600			4	150	600					0					0		
Large Group Instruction	1	1,680	1,680			1	1,680	1,680			1	990	990			1	990	990		
Computer Lab	1	815	815			1	815	815			1	425	425			1	425	425		
Art Classroom	1	735	735			1	735	735					0					0		
Art / Music Classroom	1	750	750			1	750	750			1	985	985			1	985	985		
Music Classroom	1	715	715			1	715	715					0					0		
Gymnasium / Multi-Purpose Rm	1	6,035	6,035			1	6,035	6,035			1	3,570	3,570			1	3,570	3,570		
Locker Room			0					0					0					0		
Stage / Platform	1	1,670	1,670			1	1,670	1,670			1	560	560			1	560	560		
Student Dining			0					0					0					0		
Kitchen Areas	1	3,320	3,320			1	3,320	3,320			1	1,460	1,460			1	1,460	1,460		
Administration / Guidance	1	3,300	3,300			1	3,300	3,300			1	740	740			1	740	740		
Health Suite	1	1,170	1,170			1	1,170	1,170			1	295	295			1	295	295		
Faculty Dining / Workroom	1	355	355			1	355	355			1	320	320			1	320	320		
Faculty / I.P.C.	9	175	1,575			9	175	1,575					0					0		
FUNCTIONAL CAPACITY				834	975				834	975				235	275				235	275
TOTAL CAPACITY				834	975				834	975				278	325				278	325
SPECIAL EDUCATION CAPACITY				50	125				50	125				20	50				20	50
SCHEDULED AREA			66,510	SF				66,510	SF				22,150	SF				22,150	SF	
ARCHITECTURAL AREA			115,105	SF				115,105	SF				32,725	SF				32,725	SF	
NEW ARCHITECTURAL AREA								0	SF									0	SF	
CLSRM COUNT	39					39					13					13				
S.E. COUNT	5					5					2					2				
TOTAL	44					44					15					15				
ADDITIONAL CLASSROOMS																				
S.A. / ARCH. AREA FACTOR			1.731					1.731					1.477					1.477		
SF / FUNCTIONAL CAPACITY				138	118				138	118				139	119				139	119
SF / NO. OF STUDENTS				137	137				107	107				172	172				172	172

PROPOSED ROOM SCHEDULE

6-8; 6-12; 9-12 OPTION 2-A

Educational Space	BEDFORD MIDDLE SCHOOL										HYNDMAN MIDDLE / SENIOR HIGH SCHOOL										BEDFORD HIGH SCHOOL									
	Existing 6-8					Proposed 6-8 Option 2-A					Existing 6-12					Proposed 6-12 Option 2-A					Existing 9-12					Proposed 9-12 Option 2-A				
	No.	Area	Total	Dist. FTE	PDE FTE	No.	Area	Total	Dist. FTE	PDE FTE	No.	Area	Total	Dist. FTE	PDE FTE	No.	Area	Total	Dist. FTE	PDE FTE	No.	Area	Total	Dist. FTE	PDE FTE	No.	Area	Total	Dist. FTE	PDE FTE
Reg Clsrm 660+ SF	14	840	11,760	350	350	18	840	15,120	450	450	8	750	6,000	200	200	8	750	6,000	200	200	16	755	12,080	400	400	16	755	12,080	400	400
Reg Clsrm < 660 SF			0					0					0					0			4	630	2,520			4	630	2,520		
Special Education Clsrm.	2	810	1,620			3	810	2,430			1	660	660			1	660	660			3	785	2,355			3	785	2,355		
Spec. Educ. Seminar / S.G.I.	4	435	1,740			4	435	1,740			2	440	880			2	440	880			3	460	1,380			3	460	1,380		
Media Center	1	2,500	2,500			1	2,500	2,500			1	1,565	1,565			1	1,565	1,565			1	4,120	4,120			1	4,120	4,120		
T.V. Studio			0					0					0					0			1	600	600			1	600	600		
S.G.I. / Student Activity			0					0			1	460	460			1	460	460			1	560	560			1	560	560		
Large Group Instruction	1	1,550	1,550			1	1,550	1,550					0					0			1	1,140	1,140			1	1,140	1,140		
Science Classroom	2	825	1,650	50	50	2	825	1,650	50	50	1	660	660	25	25	1	660	660	25	25	3	980	2,940	75	75	3	980	2,940	75	75
Science < 660 SF			0					0					0					0			1	640	640			1	640	640		
Science Proj Rm / Greenhouse	2	250	500			2	250	500					0					0			1	380	380			1	380	380		
Science Lab	1	1,000	1,000	20	20	1	1,000	1,000	20	20	1	995	995	20	20	1	995	995	20	20	3	1,485	4,455	60	60	3	1,485	4,455	60	60
Business Clsrm			0	0	0			0	0	0			0	0	0			0	0	0	1	660	660	25	25	1	660	660	25	25
Computer Lab	2	855	1,710	40	40	2	855	1,710	40	40	1	825	825	20	20	1	825	825	20	20	4	885	3,540	80	80	4	885	3,540	80	80
Art Classroom	1	950	950	20	20	1	950	950	20	20	1	775	775	20	20	1	775	775	20	20	1	1,645	1,645	20	20	1	1,645	1,645	20	20
Music Classroom	1	1,030	1,030	25	25	1	1,030	1,030	25	25	1	1,205	1,205	25	25	1	1,205	1,205	25	25	1	1,745	1,745	25	25	1	1,745	1,745	25	25
Band / Orchestra / Choral	1	1,825	1,825	25	25	1	1,825	1,825	25	25			0	0	0			0	0	0			0	0	0			0	0	0
Family & Consumer Science	1	2,035	2,035	20	20	1	2,035	2,035	20	20			0	0	0			0	0	0	1	2,180	2,180	20	20	1	2,180	2,180	20	20
TE Shop	2	2,150	4,300	40	40	2	2,150	4,300	40	40	1	1,800	1,800	20	20	1	1,800	1,800	20	20			0	0	0			0	0	0
TE Shop <1800 sf			0					0					0					0			1	1,135	1,135			1	1,135	1,135		
Vo Ag Shop w/ Clsrm			0	0	0			0	0	0			0	0	0			0	0	0			0	0	0			0	0	0
Gymnasium	1	6,650	6,650	66	66	1	6,650	6,650	66	66	1	6,500	6,500	66	66	1	6,500	6,500	66	66	1	8,700	8,700	66	66	1	8,700	8,700	66	66
Auxiliary Gymnasium			0	0	0			0	0	0			0	0	0			0	0	0	1	2,700	2,700	33	33	1	2,700	2,700	33	33
Adaptive Gymnasium			0					0					0					0			1	2,700	2,700			1	2,700	2,700		
Locker Room / Team Room	2	1,570	3,140			2	1,570	3,140			2	1,340	2,680			2	1,340	2,680			3	2,040	6,120			3	2,040	6,120		
Weight / Wrestling / Cardio Rm			0					0			2	845	1,690			2	845	1,690			2	965	1,930			2	965	1,930		
Training Room			0					0					0					0			1	505	505			1	505	505		
Stage / Platform			0					0			1	875	875			1	875	875			1	1,780	1,780			1	1,780	1,780		
Auditorium			0					0					0					0			1	6,000	6,000			1	6,000	6,000		
Student Dining	1	3,500	3,500			1	3,500	3,500			1	2,040	2,040			1	2,040	2,040			1	5,830	5,830			1	5,830	5,830		
Kitchen Areas	1	775	775			1	775	775			1	700	700			1	700	700			1	3,600	3,600			1	3,600	3,600		
Administration / Guidance	1	1,410	1,410			1	1,410	1,410			1	1,015	1,015			1	1,015	1,015			1	3,250	3,250			1	3,250	3,250		
Health Suite	1	875	875			1	875	875			1	690	690			1	690	690			1	1,180	1,180			1	1,180	1,180		
Technology Suite			0					0					0					0			1	675	675			1	675	675		
Faculty Dining / Workroom	2	405	810			2	405	810			2	305	610			2	305	610			3	585	1,755			3	585	1,755		
Faculty / I.P.C. / Office / P.E. Office	3	190	570			3	190	570			4	110	440			4	110	440			12	165	1,980			12	165	1,980		
District Administration Offices			0					0					0					0			1	3,775	3,775	18	18	1	3,775	3,775	19	19
FUNCTIONAL CAPACITY	525 590					605 680					317 356					317 356					643 724					643 724				
TOTAL CAPACITY	525 590					605 680					317 356					317 356					661 742					662 743				
SPECIAL EDUCATION CAPACITY	30 75					40 100					20 50					20 50					40 100					40 100				
SCHEDULED AREA	51,900 SF					56,070 SF					33,065 SF					33,065 SF					96,555 SF					96,555 SF				
ARCHITECTURAL AREA	81,000 SF					87,700 SF					50,205 SF					50,205 SF					177,390 SF					177,390 SF				
NEW ARCHITECTURAL AREA						6,700 SF										0 SF										0 SF				
CLSRM COUNT	14					18					8					8					20					20				
S.E. COUNT	2					3					1					1					3					3				
TOTAL	16					21					9					9					23					23				
ADDITIONAL CLASSROOMS																														
S.A. / ARCH. AREA FACTOR	1.561					1.564					1.518					1.518					1.837					1.837				
SF / FUNCTIONAL CAPACITY	154 137					145 129					158 141					158 141					276 245					276 245				
SF / NO. OF STUDENTS	176 176					158 158					228 228					198 198					289 289					268 268				

PROJECTED REIMBURSEMENT

Rank 1 or Minimum Costs for Reimbursement -- OPTION 2-A

	Dist Bldg. FTE	PDE Adj. New FTE	RPC	** Reimb. Factor	Max Elig. Reimb.	Constr. New S.F.	Constr. Cost for Additions	Renov. Exist. S.F.	Renov. Study Cost	Additional Educ. Upgrades	Total Constr. Cost	Total Project Cost	** % M.E.R. to T.P.C.	Aid Ratio	% State Share	% Local Share	+ Annual Total Share	+ Annual State Share	+ Annual Local Share	Millage Equiv.
Bedford Elementary	834	1,043	1,339	4,700	6,293,300	0	0	115,105	0	0	0	0	0.0000	0.5523	0.00%	100.00%	0	0	0	0.00
		*Existing	1,339	470	629,330				Rank 1				**20% Rule for Existing							
		*LEED	1,339	470	629,330															
				**	7,551,960															
Hyndman-Londonderry Elementary	235	358	501	4,700	2,354,700	0	0	32,725	1,070,420	0	1,070,420	1,338,025	1.0000	0.5523	55.23%	44.77%	99,560	54,987	44,573	0.27
		*Existing	501	470	235,470				20% rule min.											
		*LEED	501	470	235,470															
					2,825,640															
K-5 Total	1,069	1,401	1,840		\$10,377,600	0	\$0	147,830	\$1,070,420	\$0	\$1,070,420	\$1,338,025		0.5523			\$99,560	\$54,987	\$44,573	0.27

Bedford Middle School	605	217	304	4,700	1,428,800	6,700	1,507,500	81,000	5,178,885	0	6,686,385	8,357,981	0.6333	0.5523	34.98%	65.02%	621,959	217,547	404,412	2.42
		*Existing	304	470	142,880				Rank 1											
		*LEED	304	470	142,880															
			433	481	6,200															
		*Existing	481	620	2,982,200															
		*LEED	481	620	298,220															
					2,982,200															
6-8 Total	605	650	785		\$5,293,200	6,700	\$1,507,500	81,000	\$5,178,885	\$0	\$6,686,385	\$8,357,981		0.5523			\$621,959	\$217,547	\$404,412	2.42
Hyndman Middle / Sr. High School	317	48	67	4,700	314,900	0	0	50,205	1,567,610	0	1,567,610	1,959,513	1.0000	0.5523	55.23%	44.77%	145,688	80,463	65,225	0.39
		*Existing	67	470	31,490				20% rule min.											
		*LEED	67	470	31,490															
			290	322	6,200															
		*Existing	322	620	1,996,400															
		*LEED	322	620	199,640															
					199,640															
6-12 Total	317	338	389		\$2,773,560	0	\$0	50,205	\$1,567,610	\$0	\$1,567,610	\$1,959,513		0.5523			\$145,688	\$80,463	\$65,225	0.39
Bedford High School	643	685	760	6,200	4,712,000	0	0	177,390	0	0	0	0	0.0000	0.5523	0.00%	100.00%	0	0	0	0.00
		*Existing	760	620	471,200				Rank 1				**20% Rule for Existing							
		*LEED	760	620	471,200															
District Administration Offices (DAO)	19	19	21	6,200	130,200															
		*Existing	21	620	13,020															
		*LEED	21	620	13,020															
9-12 / DAO Total	643	704	781	**	\$5,810,640	0	\$0	177,390	\$0	\$0	\$0	\$0		0.5523			\$0	\$0	\$0	0.00

K-12 / DAO Total	2,634	3,093			\$24,255,000	6,700	\$1,507,500	456,425	\$7,816,915	\$0	\$9,324,415	\$11,655,519		0.5523			\$867,207	\$352,997	\$514,210	3.08
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* Additional 10% Reimbursement for *Qualifying Existing Building* also Additional 10% Reimbursement for *Qualifying Leed Certification* . *Qualifying Existing Building* must meet reimbursable minimum cost criteria to receive any or part of the additional 10% Reimbursement.
** Existing Renovation Costs must exceed the "20% Rule" to qualify for Reimbursement of the existing portion of the facility.

PROJECTED REIMBURSEMENT

Rank 3 Costs -- OPTION 2-A

	Dist Bldg. FTE	PDE Adj. New FTE	RPC	** Reimb. Factor	Max Elig. Reimb.	Constr. New S.F.	Constr. Cost for Additions	Renov. Exist. S.F.	Renov. Study Cost	Additional Educ. Upgrades	Total Constr. Cost	Total Project Cost	** % M.E.R. to T.P.C.	Aid Ratio	% State Share	% Local Share	+ Annual Total Share	+ Annual State Share	+ Annual Local Share	Millage Equiv.
Bedford Elementary	834	1,043 *Existing *LEED	1,339 1,339 1,339	4,700 470 470 **	6,293,300 629,330 629,330 7,551,960	0	0	115,105	1,213,630	0	1,213,630	1,517,038	0.0000 **20% Rule for Existing	0.5523	0.00%	100.00%	113,014	0 **20% Rule for Existing	113,014	0.68
Hyndman-Londonderry Elementary	235	358 *Existing *LEED	501 501 501	4,700 470 470	2,354,700 235,470 235,470 2,825,640	0	0	32,725	2,500,450	0	2,500,450	3,125,563	0.9040	0.5523	49.93%	50.07%	232,562	116,119	116,443	0.70
K-5 Total	1,069	1,401	1,840		\$10,377,600	0	\$0	147,830	\$3,714,080	\$0	\$3,714,080	\$4,642,601		0.5523			\$345,576	\$116,119	\$229,457	1.38

Bedford Middle School	605	217 *Existing *LEED	304 304 304	4,700 470 470	1,428,800 142,880 142,880	6,700	1,507,500	81,000	9,158,922	0	10,666,422	13,333,028	0.3970	0.5523	21.93%	78.07%	992,136	217,538	774,598	4.64
		433 *Existing *LEED	481 481 481	6,200 620 620	2,982,200 298,220 298,220															
6-8 Total	605	650	785		\$5,293,200	6,700	\$1,507,500	81,000	\$9,158,922	\$0	\$10,666,422	\$13,333,028		0.5523			\$992,136	\$217,538	\$774,598	4.64
Hyndman Middle / Sr. High School	317	48 *Existing *LEED	67 67 67	4,700 470 470	314,900 31,490 31,490	0	0	50,205	2,795,925	0	2,795,925	3,494,906	0.7936	0.5523	43.83%	56.17%	260,239	114,064	146,175	0.88
		290 *Existing *LEED	322 322 322	6,200 620 620	1,996,400 199,640 199,640															
6-12 Total	317	338	389		\$2,773,560	0	\$0	50,205	\$2,795,925	\$0	\$2,795,925	\$3,494,906		0.5523			\$260,239	\$114,064	\$146,175	0.88
Bedford High School	643	685 *Existing *LEED	760 760 760	6,200 620 620	4,712,000 471,200 471,200	0	0	177,390	1,671,700	0	1,671,700	2,089,625	0.0000 **20% Rule for Existing	0.5523	0.00%	100.00%	155,682	0 **20% Rule for Existing	155,682	0.93
District Administration Offices (DAO)	19	19 *Existing *LEED	21 21 21	6,200 620 620	130,200 13,020 13,020															
9-12 / DAO Total	643	704	781	**	\$5,810,640	0	\$0	177,390	\$1,671,700	\$0	\$1,671,700	\$2,089,625		0.5523			\$155,682	\$0	\$155,682	0.93

K-12 / DAO Total	2,634	3,093			\$24,255,000	6,700	\$1,507,500	456,425	\$17,340,627	\$0	\$18,848,127	\$23,560,160		0.5523			\$1,753,633	\$447,721	\$1,305,912	7.83
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* Additional 10% Reimbursement for *Qualifying Existing Building* also Additional 10% Reimbursement for *Qualifying Leed Certification* . *Qualifying Existing Building* must meet reimbursable minimum cost criteria to receive any or part of the additional 10% Reimbursement.
** Existing Renovation Costs must exceed the "20% Rule" to qualify for Reimbursement of the existing portion of the facility.

OPTION 2-B -- Change Attendance Area

Adjust attendance areas for the Hyndman Campus to include Manns Choice Borough and Harrison Township as well as Hyndman Borough and Londonderry Township. Refer to Maps 5 and 6 for a geographic illustration of the School District existing and proposed attendance areas.

- K-5** *Maintain separate Elementary School campus sites.*
- Maintain Bedford Elementary School with upgrades as required.
 - Maintain Hyndman-Londonderry Elementary School with upgrades as required.
-

- 6-8** *Combine 6-8 Secondary School campus sites at Bedford Middle School site.*
- Relocate Hyndman Middle/Senior High School grades 6-8 to Bedford Middle School; Alterations and additions with upgrades as required.
-

- 6-12** *Combine 6-12 Secondary School campus sites at Bedford Schools site.*
- Close existing Hyndman Middle/Senior High School.
-

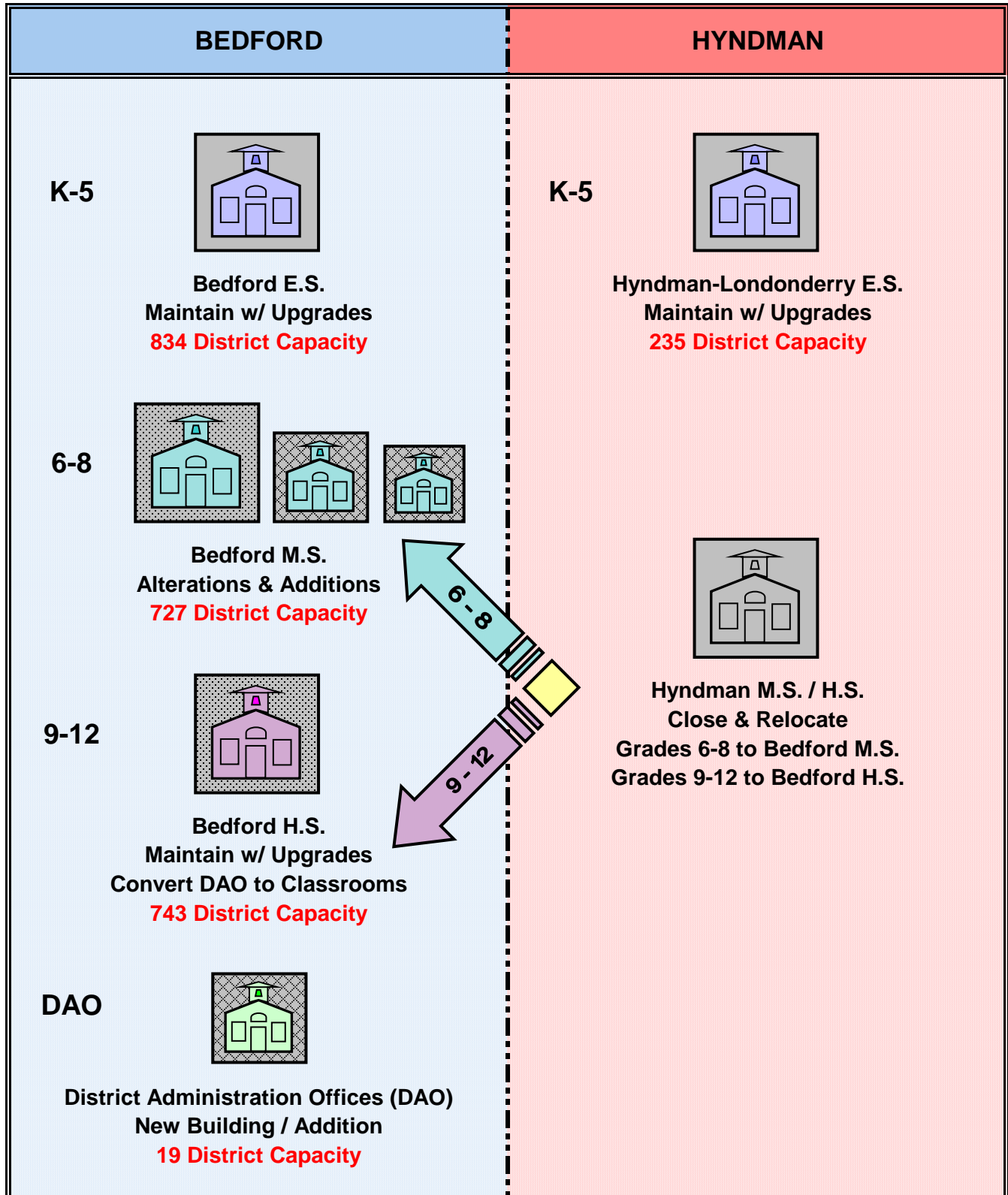
- 9-12** *Combine 9-12 Secondary School campus sites at Bedford High School site.*
- Relocate Hyndman Middle/Senior High School grades 9-12 to Bedford High School; Alterations to convert existing District Administration Offices (DAO) to classrooms also upgrades as required.
-

- DAO** *Construct New Building / Addition for the District Administration Offices (DAO).*
-

- Pros**
- Maintain current K-5 Elementary and 6-8, 9-12 Secondary grade structure
 - Maintain current geographic neighborhood for Elementary Schools
 - Adjusted Elementary School attendance area would potentially relieve capacity for Bedford Elementary School and the need for future additions to the existing facility.
 - Homogeneous facility grade structure and educational programs for 6-8 and 9-12
 - Separation of 6-8 Middle School age students and 9-12 High School age students
 - Potential savings of yearly expense, transportation and maintenance for fewer School facilities

- Cons**
- Geographical change of Secondary Schools Status Quo
 - Potential additional yearly expense, transportation, and maintenance for two geographically separate Elementary Schools
-

Proposed Campus Structure -- Change Attendance Area



OPTION COSTS

OPTION 2-B

OPTION 2-B -- Change Attendance Area

Proposed Mimimum Option Costs for Reimbursement

	Max. Eligible Reimb.	Constr. Cost for Additions	Renov. Cost	Additional Educ. Upgrades	Total Constr. Cost	Total Project Cost	+ Annual State Share	+ Annual Local Share	Millage Equiv.
Bedford ES	\$7,551,960	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.00
Hyndman ES	\$2,825,640	\$0	\$1,070,420	\$0	\$1,070,420	\$1,338,025	\$54,987	\$44,573	0.27
K-5 Total	\$10,377,600	\$0	\$1,070,420	\$0	\$1,070,420	\$1,338,025	\$54,987	\$44,573	0.27
Bedford MS 6-8 Total	\$5,860,560	\$5,287,500	\$5,178,885	\$0	\$10,466,385	\$13,082,981	\$240,894	\$732,791	4.39
Hyndman MS/HS 6-12 Total	CLOSE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.00
Bedford HS 9-12 Total	\$7,730,160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.00
DAO Total	\$156,240	\$1,125,000	\$0	\$0	\$1,125,000	\$1,406,250	\$6,416	\$98,141	0.59
K-12/DAO Total	\$24,124,560	\$6,412,500	\$6,249,305	\$0	\$12,661,805	\$15,827,256	\$302,297	\$875,505	5.25

Proposed Option Costs

	Max. Eligible Reimb.	Constr. Cost for Additions	Renov. Cost	Additional Educ. Upgrades	Total Constr. Cost	Total Project Cost	+ Annual State Share	+ Annual Local Share	Millage Equiv.
Bedford ES	\$7,551,960	\$0	\$1,213,630	\$0	\$1,213,630	\$1,517,038	\$0	\$113,014	0.68
Hyndman ES	\$2,825,640	\$0	\$2,500,450	\$0	\$2,500,450	\$3,125,563	\$116,119	\$116,443	0.70
K-5 Total	\$10,377,600	\$0	\$3,714,080	\$0	\$3,714,080	\$4,642,601	\$116,119	\$229,457	1.38
Bedford MS 6-8 Total	\$5,860,560	\$5,287,500	\$9,158,922	\$0	\$14,446,422	\$18,058,028	\$240,879	\$1,102,983	6.61
Hyndman MS/HS 6-12 Total	CLOSE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.00
Bedford HS 9-12 Total	\$7,730,160	\$0	\$1,671,700	\$500,000	\$2,171,700	\$2,714,625	\$0	\$202,194	1.21
DAO Total	\$156,240	\$1,125,000	\$0	\$0	\$1,125,000	\$1,406,250	\$6,416	\$98,141	0.59
K-12/DAO Total	\$24,124,560	\$6,412,500	\$14,544,702	\$500,000	\$21,457,202	\$26,821,504	\$363,414	\$1,632,775	9.79

TABLE 64 - Projected Student Enrollment (K-5) vs. Proposed Building Capacity

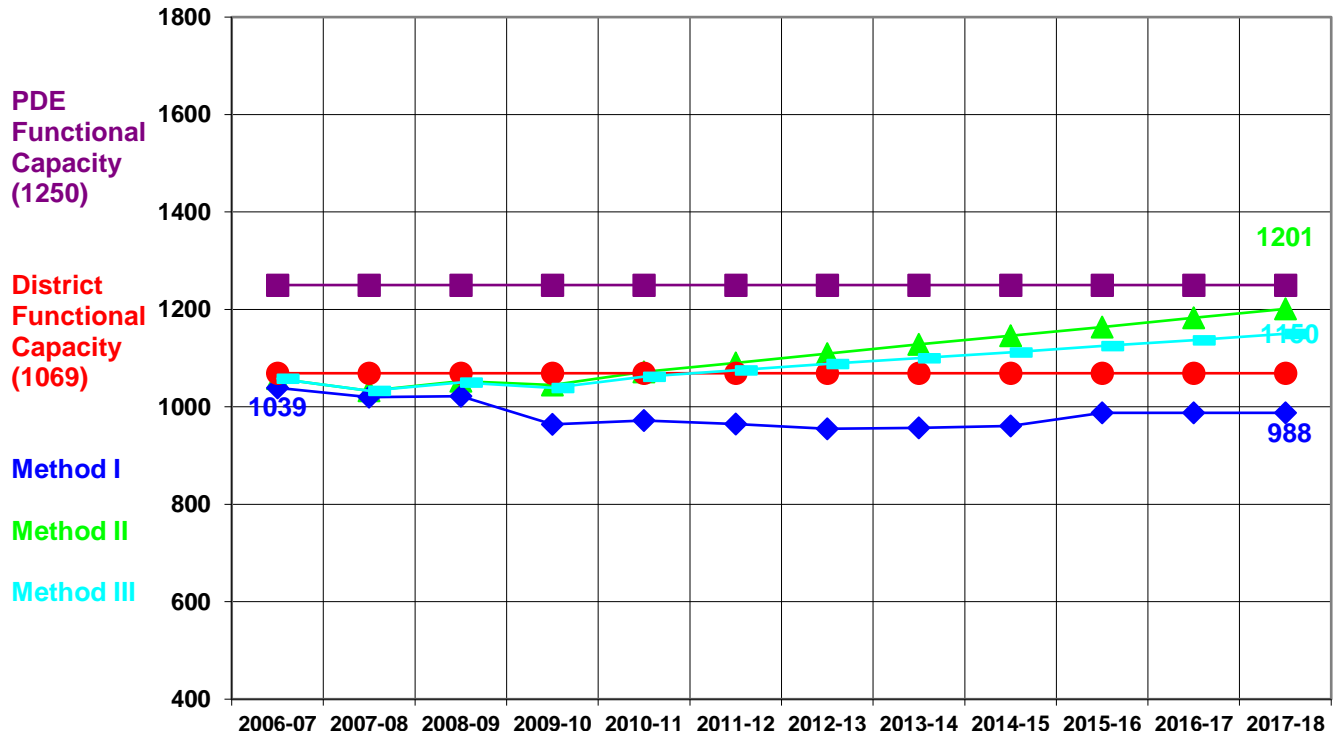


TABLE 65 - Projected Student Enrollment (6-8) vs. Proposed Building Capacity

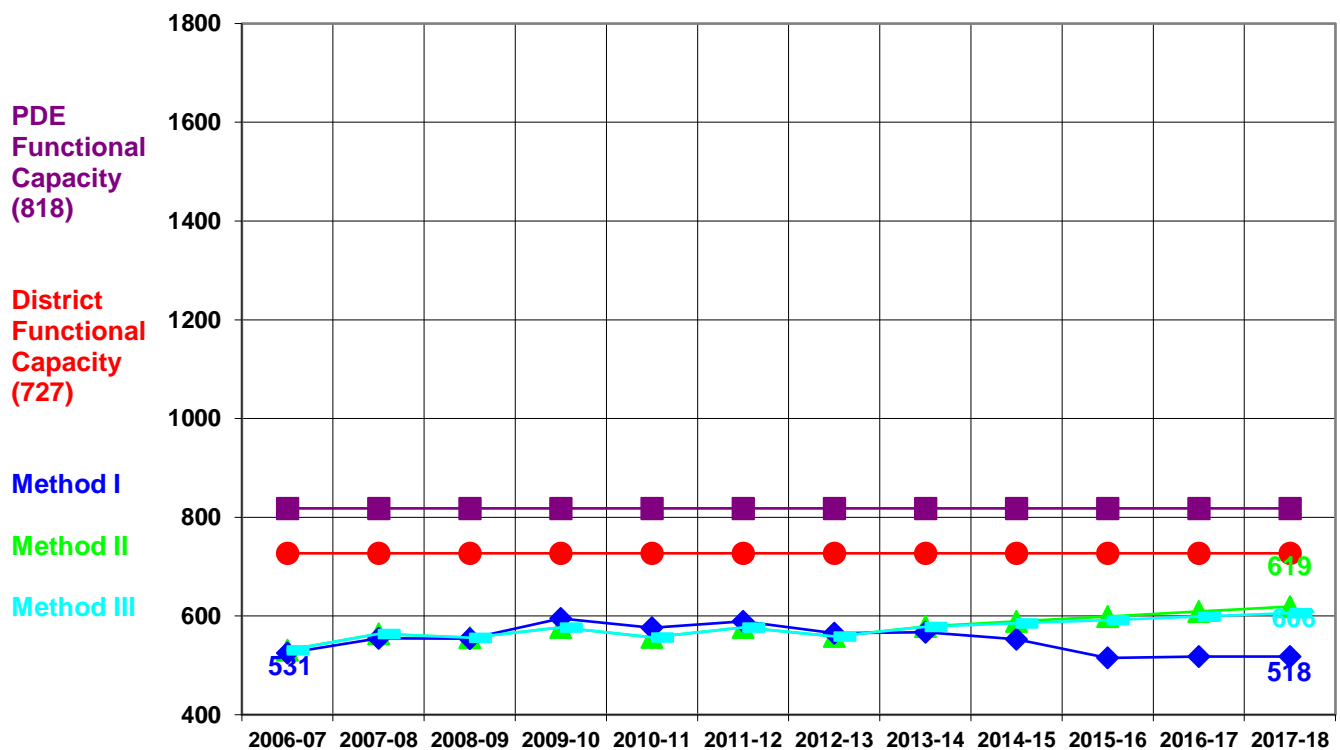


TABLE 66 - Projected Student Enrollment (9-12) vs. Proposed Building Capacity

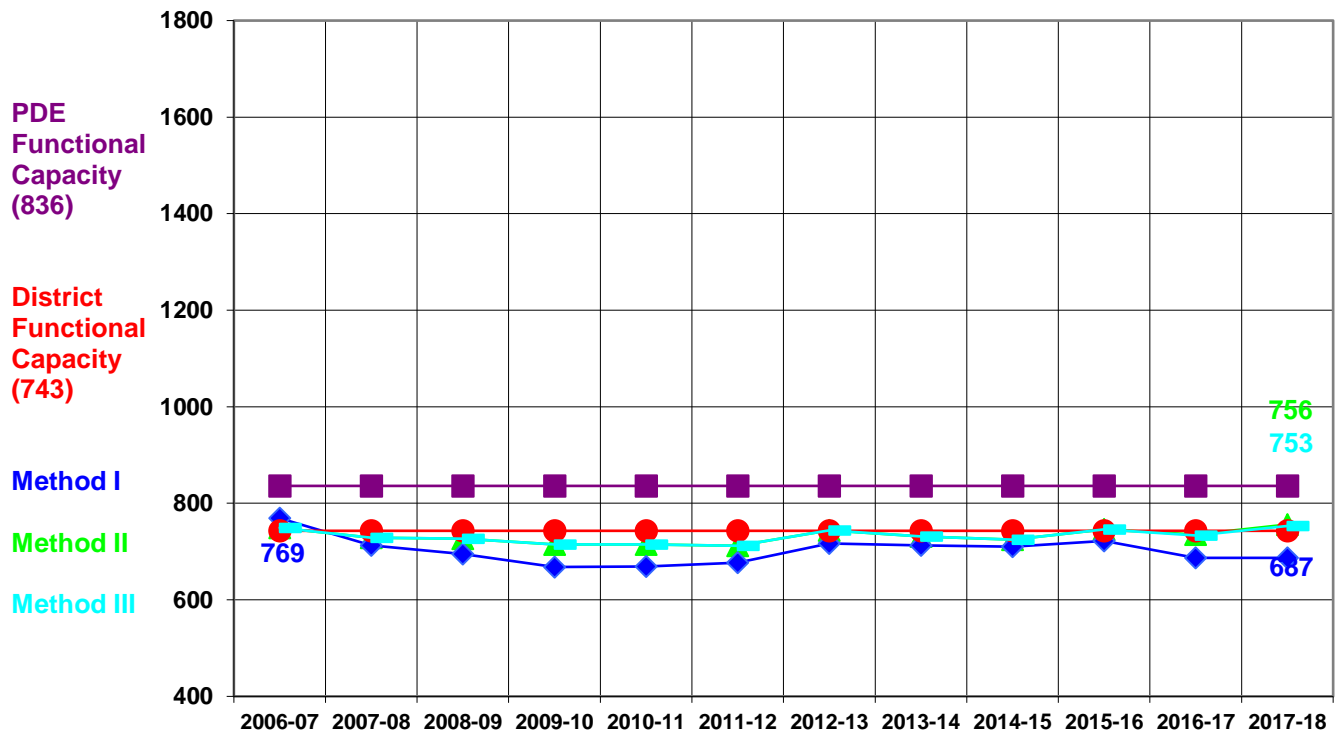
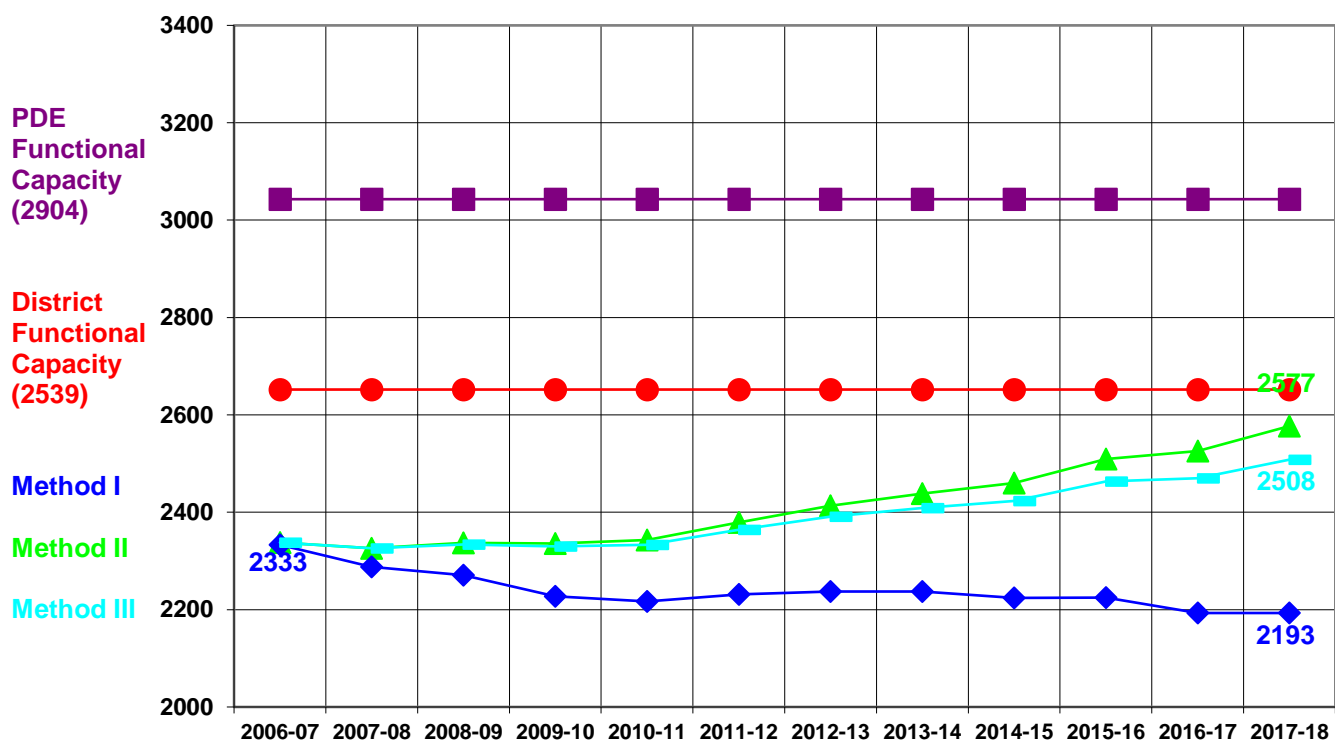


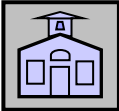



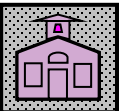

TABLE 67 - Projected Student Enrollment (K-12) vs. Proposed Building Capacity



PROPOSED EDUCATIONAL PROGRAM

OPTION 2-B

Proposed Building Capacity for Grades K-5; 6-8; 9-12; K-12

Building	Proposed Grade Alignment	Potential Work	** Functional Capacity		Special Education Capacity		Highest Projected Enrollment	
			DIST	PDE	DIST	PDE	Methods I, II, III	Current + 10% *
	BEDFORD ELEMENTARY SCHOOL	K-5	Maintain w/ Upgrades	834	975	50	125	
	HYNDMAN-LONDONDERRY ELEM. SCHOOL	K-5	Maintain w/ Upgrades	235	275	20	50	
K-5 TOTAL			1,069	1,250			1,201 Method II	1,143 * 2006/07
	BEDFORD MIDDLE SCHOOL	6-8	Alts/Add's	727	818	40	100	
6-8 TOTAL			727	818			619 Method II	620 * 2007/08
	HYNDMAN MIDDLE / SR. HIGH SCHOOL	6-12	Close & Relocate 6-8 to Bedford MS 9-12 to Bedford HS					
	BEDFORD HIGH SCHOOL	9-12	Renovations Convert DAO to Classrooms	743	836	40	100	
9-12 TOTAL			743	836			756 Method II	846 * 2006/07
K-12 TOTAL			2,539	2,904			2,577 Method II	2,566 * 2006/07
	DISTRICT ADMINISTRATION OFFICES		New Building / Addition	19	19			

* PDE allows 2006/07 or 2007/08 Current Enrollment + 10% to be used as Highest Projected Enrollment for Project Grades.

** Elementary *Functional Capacity* are Graded Classrooms K-5; *Special Education Capacity* is not included in the Functional Capacity or Total Capacity.

PROPOSED ROOM SCHEDULE

K-5 OPTION 2-B

Educational Space	BEDFORD ELEMENTARY										HYNDMAN-LONDONDERRY ELEMENTARY									
	Existing K-5					Proposed K-5 Option 2-B					Existing K-5					Proposed K-5 Option 2-B				
	No.	Area	Total	Dist. FTE	PDE FTE	No.	Area	Total	Dist. FTE	PDE FTE	No.	Area	Total	Dist. FTE	PDE FTE	No.	Area	Total	Dist. FTE	PDE FTE
Half Day Kindergarten			0	0	0			0	0	0			0	0	0			0	0	0
Full Day Kindergarten	7	925	6,475	140	175	7	925	6,475	140	175	2	815	1,630	40	50	2	815	1,630	40	50
First Grade Classroom	7	840	5,880	140	175	7	840	5,880	140	175	2	850	1,700	40	50	2	850	1,700	40	50
Second Grade Classroom	7	840	5,880	140	175	7	840	5,880	140	175	2	850	1,700	40	50	2	850	1,700	40	50
Third Grade Classroom	6	850	5,100	138	150	6	850	5,100	138	150	1	800	800	23	25	1	800	800	23	25
Fourth Grade Classroom	6	850	5,100	138	150	6	850	5,100	138	150	2	800	1,600	46	50	2	800	1,600	46	50
Fifth Grade Classroom	6	850	5,100	138	150	6	850	5,100	138	150	2	800	1,600	46	50	2	800	1,600	46	50
Support Classroom			0	0	0			0	0	0	1	800	800	23	25	1	800	800	23	25
Reg. Clsrm. < 660 SF			0					0					0					0		
Pre Kindergarten			0					0	0	0	1	815	815	20	25	1	815	815	20	25
Special Education Clsrm.	5	850	4,250			5	850	4,250			2	800	1,600			2	800	1,600		
S.E. Seminar / S.G.I.			0					0					0					0		
Media Center	1	3,945	3,945			1	3,945	3,945			1	560	560			1	560	560		
Small Group Instruction	4	515	2,060			4	515	2,060					0					0		
Small Group Instruction	4	150	600			4	150	600					0					0		
Large Group Instruction	1	1,680	1,680			1	1,680	1,680			1	990	990			1	990	990		
Computer Lab	1	815	815			1	815	815			1	425	425			1	425	425		
Art Classroom	1	735	735			1	735	735					0					0		
Art / Music Classroom	1	750	750			1	750	750			1	985	985			1	985	985		
Music Classroom	1	715	715			1	715	715					0					0		
Gymnasium / Multi-Purpose Rm	1	6,035	6,035			1	6,035	6,035			1	3,570	3,570			1	3,570	3,570		
Locker Room			0					0					0					0		
Stage / Platform	1	1,670	1,670			1	1,670	1,670			1	560	560			1	560	560		
Student Dining			0					0					0					0		
Kitchen Areas	1	3,320	3,320			1	3,320	3,320			1	1,460	1,460			1	1,460	1,460		
Administration / Guidance	1	3,300	3,300			1	3,300	3,300			1	740	740			1	740	740		
Health Suite	1	1,170	1,170			1	1,170	1,170			1	295	295			1	295	295		
Faculty Dining / Workroom	1	355	355			1	355	355			1	320	320			1	320	320		
Faculty / I.P.C.	9	175	1,575			9	175	1,575					0					0		
FUNCTIONAL CAPACITY				834	975				834	975				235	275				235	275
TOTAL CAPACITY				834	975				834	975				278	325				278	325
SPECIAL EDUCATION CAPACITY				50	125				50	125				20	50				20	50
SCHEDULED AREA			66,510	SF				66,510	SF				22,150	SF				22,150	SF	
ARCHITECTURAL AREA			115,105	SF				115,105	SF				32,725	SF				32,725	SF	
NEW ARCHITECTURAL AREA								0	SF									0	SF	
CLSRM COUNT	39					39					13					13				
S.E. COUNT	5					5					2					2				
TOTAL	44					44					15					15				
ADDITIONAL CLASSROOMS																				
S.A. / ARCH. AREA FACTOR			1.731					1.731					1.477					1.477		
SF / FUNCTIONAL CAPACITY				138	118				138	118				139	119				139	119
SF / NO. OF STUDENTS				137	137				107	107				172	172				172	172

EXISTING 6-8 ROOM SCHEDULE

6-8; 9-12 OPTION 2-B

Educational Space	BEDFORD MIDDLE SCHOOL										HYNDMAN MIDDLE / SENIOR HIGH SCHOOL										BEDFORD HIGH SCHOOL										
	Existing 6-8					Proposed 6-8 Option 2-B					Existing 6-12					Proposed Option 2-B					Existing 9-12					Proposed 9-12 Option 2-B					
	No.	Area	Total	Dist. FTE	PDE FTE	No.	Area	Total	Dist. FTE	PDE FTE	No.	Area	Total	Dist. FTE	PDE FTE	No.	Area	Total	Dist. FTE	PDE FTE	No.	Area	Total	Dist. FTE	PDE FTE	No.	Area	Total	Dist. FTE	PDE FTE	
Reg Clsrm 660+ SF	14	840	11,760	350	350	22	840	18,480	550	550	8	750	6,000	200	200							16	755	12,080	400	400	21	755	15,855	525	525
Reg Clsrm < 660 SF			0					0					0									4	630	2,520			4	630	2,520		
Special Education Clsrm.	2	810	1,620			3	810	2,430			1	660	660								3	785	2,355			3	785	2,355			
Spec. Educ. Seminar / S.G.I.	4	435	1,740			4	435	1,740			2	440	880								3	460	1,380			3	460	1,380			
Media Center	1	2,500	2,500			1	2,500	2,500			1	1,565	1,565								1	4,120	4,120			1	4,120	4,120			
T.V. Studio / Media Classroom			0					0					0								1	600	600			1	600	600			
S.G.I. / Student Activity			0					0			1	460	460			CLOSE					1	560	560			1	560	560			
Large Group Instruction	1	1,550	1,550			1	1,550	1,550					0								1	1,140	1,140			1	1,140	1,140			
Science Classroom	2	825	1,650	50	50	2	825	1,650	50	50	1	660	660	25	25						3	980	2,940	75	75	3	980	2,940	75	75	
Science < 660 SF			0					0					0								1	640	640			1	640	640			
Science Proj Rm / Greenhouse	2	250	500			2	250	500					0								1	380	380			1	380	380			
Science Lab	1	1,000	1,000	20	20	2	1,000	2,000	40	40	1	995	995	20	20						3	1,485	4,455	60	60	3	1,485	4,455	60	60	
Business Clsrm			0	0	0			0	0	0			0	0	0						1	660	660	25	25	1	660	660	25	25	
Computer Lab	2	855	1,710	40	40	2	855	1,710	40	40	1	825	825	20	20						4	885	3,540	80	80	4	885	3,540	80	80	
Art Classroom	1	950	950	20	20	1	1,000	1,000	20	20	1	775	775	20	20						1	1,645	1,645	20	20	1	1,645	1,645	20	20	
Music Classroom	1	1,030	1,030	25	25	1	1,030	1,030	25	25	1	1,205	1,205	25	25						1	1,745	1,745	25	25	1	1,745	1,745	25	25	
Band / Orchestra / Choral	1	1,825	1,825	25	25	1	1,825	1,825	25	25			0	0	0							0	0	0			0	0	0		
Family & Consumer Science	1	2,035	2,035	20	20	1	2,035	2,035	20	20			0	0	0								0	0	0				0	0	0
TE Shop	2	2,150	4,300	40	40	2	2,150	4,300	40	40	1	1,800	1,800	20	20						1	2,180	2,180	20	20	1	2,180	2,180	20	20	
TE Shop <1800 sf			0					0					0									0	0	0			0	0	0		
Gymnasium	1	6,650	6,650	66	66	1	6,650	6,650	66	66	1	6,500	6,500	66	66						1	1,135	1,135			1	1,135	1,135			
Auxiliary Gymnasium			0	0	0	1	2,500	2,500	33	33			0	0	0						1	8,700	8,700	66	66	1	8,700	8,700	66	66	
Adaptive Gymnasium			0					0					0								1	2,700	2,700	33	33	1	2,700	2,700	33	33	
Locker Room / Team Room	2	1,570	3,140			2	1,570	3,140			2	1,340	2,680								1	2,700	2,700			1	2,700	2,700			
Weight / Wrestling / Cardio Rm			0					0			2	845	1,690								3	2,040	6,120			3	2,040	6,120			
Training Room			0					0					0								2	965	1,930			2	965	1,930			
Stage / Platform			0			1	1,000	1,000					0								1	505	505			1	505	505			
Auditorium			0					0			1	875	875								1	1,780	1,780			1	1,780	1,780			
Student Dining	1	3,500	3,500			1	4,000	4,000			1	2,040	2,040								1	6,000	6,000			1	6,000	6,000			
Kitchen Areas	1	775	775			1	1,200	1,200			1	700	700								1	5,830	5,830			1	5,830	5,830			
																					1	3,600	3,600			1	3,600	3,600			
Administration / Guidance	1	1,410	1,410			1	1,410	1,410			1	1,015	1,015								1	3,250	3,250			1	3,250	3,250			
Health Suite	1	875	875			1	875	875			1	690	690								1	1,180	1,180			1	1,180	1,180			
Technology Suite			0					0					0								1	675	675			1	675	675			
Faculty Dining / Workroom	2	405	810			3	405	1,215			2	305	610								3	585	1,755			3	585	1,755			
Faculty / I.P.C. / Office / P.E. Office	3	190	570			3	190	570			4	110	440								12	165	1,980			12	165	1,980			
District Administration Offices			0					0					0								1	3,775	3,775	18	18			0			
FUNCTIONAL CAPACITY				525	590				727	818				317	356					0	0			643	724				743	836	
TOTAL CAPACITY				525	590				727	818				317	356					0	0			661	742				743	836	
SPECIAL EDUCATION CAPACITY				30	75				40	100				20	50					0	0			40	100				40	100	
SCHEDULED AREA			51,900	SF				65,310	SF				33,065	SF					0	SF			96,555	SF				96,555	SF		
ARCHITECTURAL AREA			81,000	SF				104,500	SF				50,205	SF					0	SF			177,390	SF				177,390	SF		
NEW ARCHITECTURAL AREA								23,500	SF										0	SF							0		SF		
CLSRM COUNT	14					22					8				0						20					25					
S.E. COUNT	2					3					1				0						3					3					
TOTAL	16					25					9				0						23					28					
ADDITIONAL CLASSROOMS																															
S.A. / ARCH. AREA FACTOR			1.561					1.600					1.518		N/A								1.837						1.837		
SF / FUNCTIONAL CAPACITY				154	137				144	128				158	141					0	0			276	245				239	212	
SF / NO. OF STUDENTS				176	176				169	169				228	228					0	0			289	289				235	235	

PROJECTED REIMBURSEMENT

Rank 1 or Minimum Costs for Reimbursement -- OPTION 2-B

	Dist Bldg. FTE	PDE Adj. New FTE	RPC	** Reimb. Factor	Max Elig. Reimb.	Constr. New S.F.	Constr. Cost for Additions	Renov. Exist. S.F.	Renov. Study Cost	Additional Educ. Upgrades	Total Constr. Cost	Total Project Cost	** % M.E.R. to T.P.C.	Aid Ratio	% State Share	% Local Share	+ Annual Total Share	+ Annual State Share	+ Annual Local Share	Millage Equiv.
Bedford Elementary	834	1,043 *Existing *LEED	1,339 1,339 1,339	4,700 470 470 **	6,293,300 629,330 629,330 7,551,960	0	0	115,105	0 Rank 1	0	0	0	0.0000 **20% Rule for Existing	0.5523	0.00%	100.00%	0	0 **20% Rule for Existing	0	0.00
Hyndman-Londonderry Elementary	235	358 *Existing *LEED	501 501 501	4,700 470 470	2,354,700 235,470 235,470 2,825,640	0	0	32,725	1,070,420 20% rule min.	0	1,070,420	1,338,025	1.0000	0.5523	55.23%	44.77%	99,560	54,987	44,573	0.27
K-5 Total	1,069	1,401	1,840		\$10,377,600	0	\$0	147,830	\$1,070,420	\$0	\$1,070,420	\$1,338,025		0.5523			\$99,560	\$54,987	\$44,573	0.27

Bedford Middle School	727	240 *Existing *LEED	336 336 336	4,700 470 470	1,579,200 157,920 157,920	23,500	5,287,500	81,000	5,178,885 Rank 1	0	10,466,385	13,082,981	0.4480	0.5523	24.74%	75.26%	973,685	240,894	732,791	4.39
		480 *Existing *LEED	533 533 533	6,200 620 620	3,304,600 330,460 330,460															
6-8 Total	727	720	869		\$5,860,560	23,500	\$5,287,500	81,000	\$5,178,885	\$0	\$10,466,385	\$13,082,981		0.5523			\$973,685	\$240,894	\$732,791	4.39

Hyndman Middle / Sr. H.S. Relocate to Bedford M.S. & H.S.	0	0	0	0	0		0	CLOSE	0	0	0	0	0.0000	0.5523	0.00%	100.00%	0	0	0	0.00
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Bedford High School	743	936 *Existing *LEED	1,039 1,039 1,039	6,200 620 620	6,441,800 644,180 644,180	0	0	177,390	0 Rank 1	0	0	0	0.0000 **20% Rule for Existing	0.5523	0.00%	100.00%	0	0	0	0.00
9-12 Total	743	936	1,039		\$7,730,160	0	\$0	177,390	\$0	\$0	\$0	\$0		0.5523			\$0	\$0	\$0	0.00

K-12 Total	2,539	3,057			\$23,968,320	23,500	\$5,287,500	406,220	\$6,249,305	\$0	\$11,536,805	\$14,421,006		0.5523			\$1,073,245	\$295,881	\$777,364	4.66
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District Administration Offices	19	19 *Existing *LEED	21 21 21	6,200 620 620	130,200 13,020 13,020	5,000	1,125,000	0	0	0	1,125,000	1,406,250	0.1111	0.5523	6.14%	93.86%	104,557	6,416	98,141	0.59
DAO Total	19	19	21		\$156,240	5,000	\$1,125,000	0	\$0	\$0	\$1,125,000	\$1,406,250		0.5523			\$104,557	\$6,416	\$98,141	0.59

K-12 / DAO Total	2,558	3,076			\$24,124,560	28,500	\$6,412,500	406,220	\$6,249,305	\$0	\$12,661,805	\$15,827,256		0.5523			\$1,177,802	\$302,297	\$875,505	5.25
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* Additional 10% Reimbursement for *Qualifying Existing Building* also Additional 10% Reimbursement for *Qualifying Leed Certification*. *Qualifying Existing Building* must meet reimbursable minimum cost criteria to receive any or part of the additional 10% Reimbursement.
** Existing Renovation Costs must exceed the "20% Rule" to qualify for Reimbursement of the existing portion of the facility.

PROJECTED REIMBURSEMENT

Rank 3 Costs -- OPTION 2-B

	Dist Bldg. FTE	PDE Adj. New FTE	RPC	** Reimb. Factor	Max Elig. Reimb.	Constr. New S.F.	Constr. Cost for Additions	Renov. Exist. S.F.	Renov. Study Cost	Additional Educ. Upgrades	Total Constr. Cost	Total Project Cost	** % M.E.R. to T.P.C.	Aid Ratio	% State Share	% Local Share	+ Annual Total Share	+ Annual State Share	+ Annual Local Share	Millage Equiv.
Bedford Elementary	834	1,043 *Existing *LEED	1,339 1,339 1,339	4,700 470 470 **	6,293,300 629,330 629,330 7,551,960	0	0	115,105	1,213,630	0	1,213,630	1,517,038	0.0000 **20% Rule for Existing	0.5523	0.00%	100.00%	113,014	0 **20% Rule for Existing	113,014	0.68
Hyndman-Londonderry Elementary	235	358 *Existing *LEED	501 501 501	4,700 470 470	2,354,700 235,470 235,470 2,825,640	0	0	32,725	2,500,450	0	2,500,450	3,125,563	0.9040	0.5523	49.93%	50.07%	232,562	116,119	116,443	0.70
K-5 Total	1,069	1,401	1,840		\$10,377,600	0	\$0	147,830	\$3,714,080	\$0	\$3,714,080	\$4,642,601		0.5523			\$345,576	\$116,119	\$229,457	1.38
Bedford Middle School	727	240 *Existing *LEED 480 *Existing *LEED	336 336 336 533 533 533	4,700 470 470 6,200 620 620	1,579,200 157,920 157,920 3,304,600 330,460 330,460	23,500	5,287,500	81,000	9,158,922	0	14,446,422	18,058,028	0.3245	0.5523	17.92%	82.08%	1,343,862	240,879	1,102,983	6.61
6-8 Total	727	720	869		\$5,860,560	23,500	\$5,287,500	81,000	\$9,158,922	\$0	\$14,446,422	\$18,058,028		0.5523			\$1,343,862	\$240,879	\$1,102,983	6.61
Hyndman Middle / Sr. H.S. Relocate to Bedford M.S. & H.S.	0	0	0	0	0		0	CLOSE	0	0	0	0	0.0000	0.5523	0.00%	100.00%	0	0	0	0.00
Bedford High School	743	936 *Existing *LEED	1,039 1,039 1,039	6,200 620 620	6,441,800 644,180 644,180	0	0	177,390	1,671,700	500,000	2,171,700	2,714,625	0.0000 **20% Rule for Existing	0.5523	0.00%	100.00%	202,194	0	202,194	1.21
9-12 Total	743	936	1,039		\$7,730,160	0	\$0	177,390	\$1,671,700	\$500,000	\$2,171,700	\$2,714,625		0.5523			\$202,194	\$0	\$202,194	1.21
K-12 Total	2,539	3,057			\$23,968,320	23,500	\$5,287,500	406,220	\$14,544,702	\$500,000	\$20,332,202	\$25,415,254		0.5523			\$1,891,632	\$356,998	\$1,534,634	9.20
District Administration Offices	19	19 *Existing *LEED	21 21 21	6,200 620 620	130,200 13,020 13,020	5,000	1,125,000	0	0	0	1,125,000	1,406,250	0.1111	0.5523	6.14%	93.86%	104,557	6,416	98,141	0.59
DAO Total	19	19	21		\$156,240	5,000	\$1,125,000	0	\$0	\$0	\$1,125,000	\$1,406,250		0.5523			\$104,557	\$6,416	\$98,141	0.59
K-12 / DAO Total	2,558	3,076			\$24,124,560	28,500	\$6,412,500	406,220	\$14,544,702	\$500,000	\$21,457,202	\$26,821,504		0.5523			\$1,996,189	\$363,414	\$1,632,775	9.79

* Additional 10% Reimbursement for *Qualifying Existing Building* also Additional 10% Reimbursement for *Qualifying Leed Certification*. *Qualifying Existing Building* must meet reimbursable minimum cost criteria to receive any or part of the additional 10% Reimbursement.
** Existing Renovation Costs must exceed the "20% Rule" to qualify for Reimbursement of the existing portion of the facility.

OPTION 3-A -- Change Grade Alignment

K-4 *Maintain separate Elementary School campus sites.*

- K-4** • Alterations and additions to Bedford Elementary School as required.
 - K-5** • Maintain Hyndman-Londonderry Elementary School with upgrades as required.
-
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5-8 *Maintain separate Secondary School campus sites.*

- Relocate Bedford Elementary School grade 5 to Bedford Middle School; Alterations and additions with upgrades as required.
-
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6-12 *Maintain separate Secondary School campus sites.*

- Maintain Hyndman Middle/Senior High School with upgrades as required.
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9-12 *Maintain separate Secondary School campus sites.*

- Maintain Bedford High School with upgrades as required.
-
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DAO *District Administration Offices (DAO) to remain at Bedford High School*

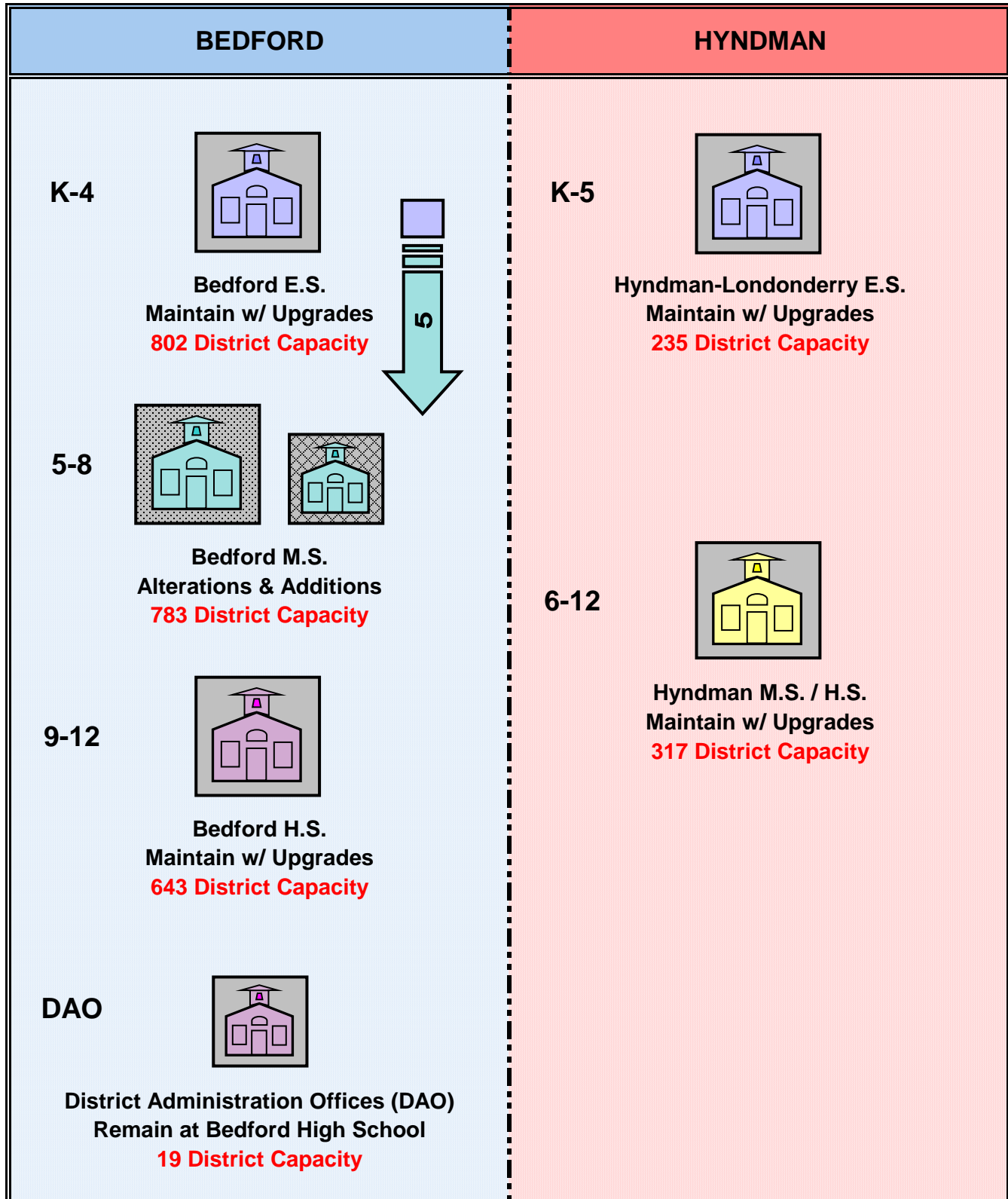
Pros

- Maintain Status Quo of Facility locations
- K-4 Grade structure change would provide more capacity for the Bedford Elementary School, thus potentially reducing the need for future additions to the existing Elementary School.

Cons

- Geographical separation of Secondary Educational program
- Non-homogeneous facility grade structure for K-4, K-5, 5-8, 6-8, 9-12 and 6-12 grades
- 6-8 Middle School age students and 9-12 High School age students share facility
- Potential additional yearly expense, transportation and maintenance for three geographically separate Secondary Schools and two Elementary Schools

Proposed Campus Structure -- Change Grade Alignment



OPTION COSTS

OPTION 3-A

OPTION 3-A -- Change Grade Alignment

Proposed Minimum Option Costs for Reimbursement

	Max. Eligible Reimb.	Constr. Cost for Additions	Renov. Cost	Additional Educ. Upgrades	Total Constr. Cost	Total Project Cost	+ Annual State Share	+ Annual Local Share	Millage Equiv.
K-4 Bedford ES	\$6,705,960	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.00
K-5 Hyndman ES	\$2,481,600	\$0	\$1,070,420	\$0	\$1,070,420	\$1,338,025	\$54,987	\$44,573	0.27
K-4 / K-5 Total	\$9,187,560	\$0	\$1,070,420	\$0	\$1,070,420	\$1,338,025	\$54,987	\$44,573	0.27
Bedford MS 5-8 Total	\$6,820,800	\$6,750,000	\$5,178,885	\$0	\$11,928,885	\$14,911,106	\$280,369	\$829,394	4.97
Hyndman MS/HS 6-12 Total	\$2,799,720	\$0	\$1,567,610	\$0	\$1,567,610	\$1,959,513	\$80,463	\$65,225	0.39
Bedford HS 9-12/DAO Total	\$5,870,160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.00
K-12/DAO Total	\$24,678,240	\$6,750,000	\$7,816,915	\$0	\$14,566,915	\$18,208,644	\$415,819	\$939,192	5.63

Proposed Option Costs

	Max. Eligible Reimb.	Constr. Cost for Additions	Renov. Cost	Additional Educ. Upgrades	Total Constr. Cost	Total Project Cost	+ Annual State Share	+ Annual Local Share	Millage Equiv.
K-4 Bedford ES	\$6,705,960	\$0	\$1,213,630	\$0	\$1,213,630	\$1,517,038	\$0	\$113,014	0.68
K-5 Hyndman ES	\$2,481,600	\$0	\$2,500,450	\$0	\$2,500,450	\$3,125,563	\$101,981	\$130,581	0.78
K-4 / K-5 Total	\$9,187,560	\$0	\$3,714,080	\$0	\$3,714,080	\$4,642,601	\$101,981	\$243,595	1.46
Bedford MS 5-8 Total	\$6,820,800	\$6,750,000	\$9,158,922	\$0	\$15,908,922	\$19,886,153	\$280,352	\$1,199,588	7.19
Hyndman MS/HS 6-12 Total	\$2,799,720	\$0	\$2,795,925	\$0	\$2,795,925	\$3,494,906	\$115,140	\$145,099	0.87
Bedford HS 9-12/DAO Total	\$5,870,160	\$0	\$1,671,700	\$0	\$1,671,700	\$2,089,625	\$0	\$155,682	0.93
K-12/DAO Total	\$24,678,240	\$6,750,000	\$17,340,627	\$0	\$24,090,627	\$30,113,285	\$497,473	\$1,743,964	10.45

TABLE 68 - Projected Student Enrollment (K-4) vs. Proposed Building Capacity

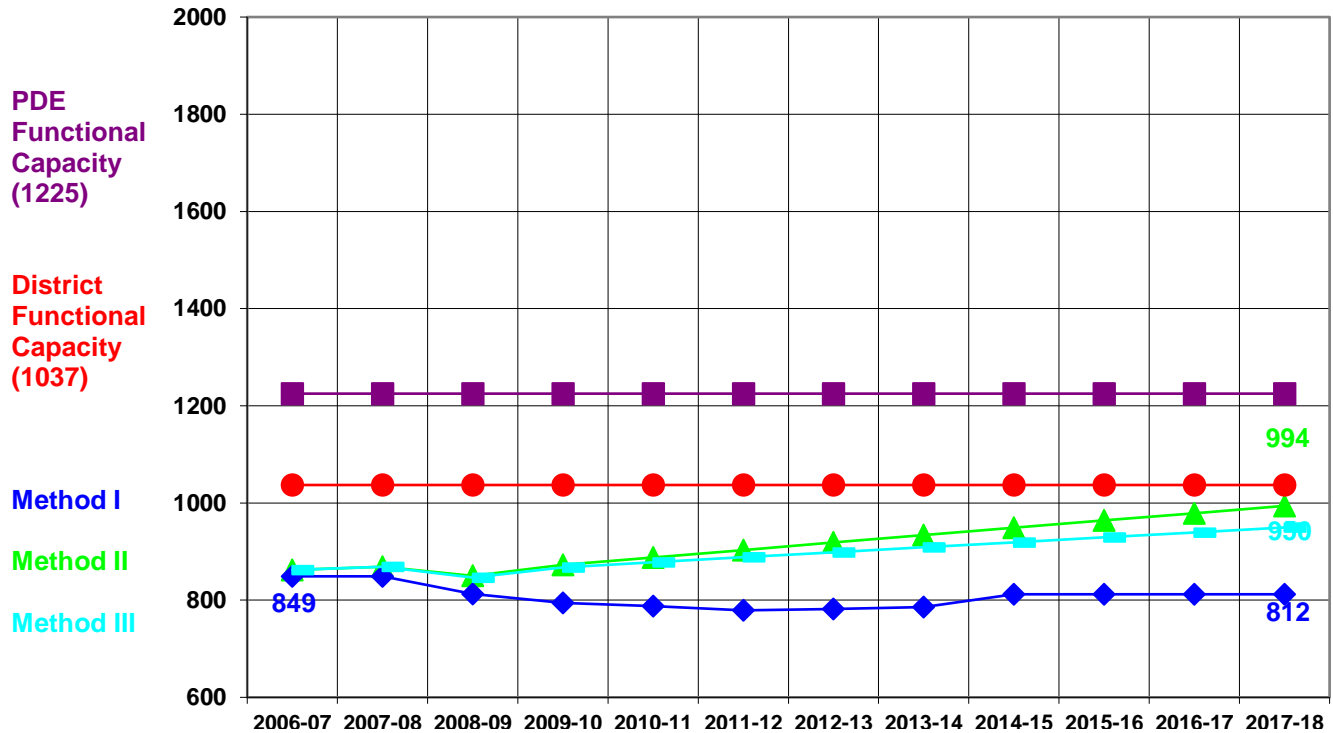


TABLE 69 - Projected Student Enrollment (5-12) vs. Proposed Building Capacity

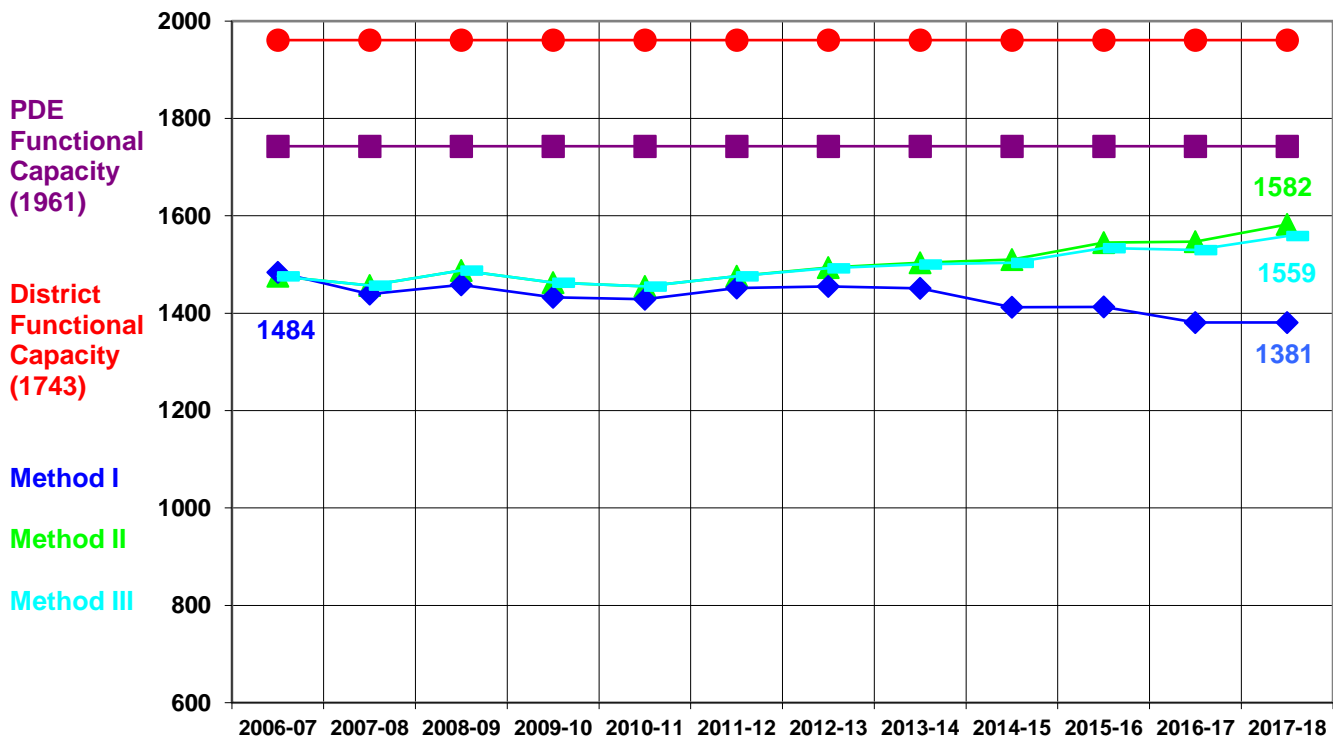
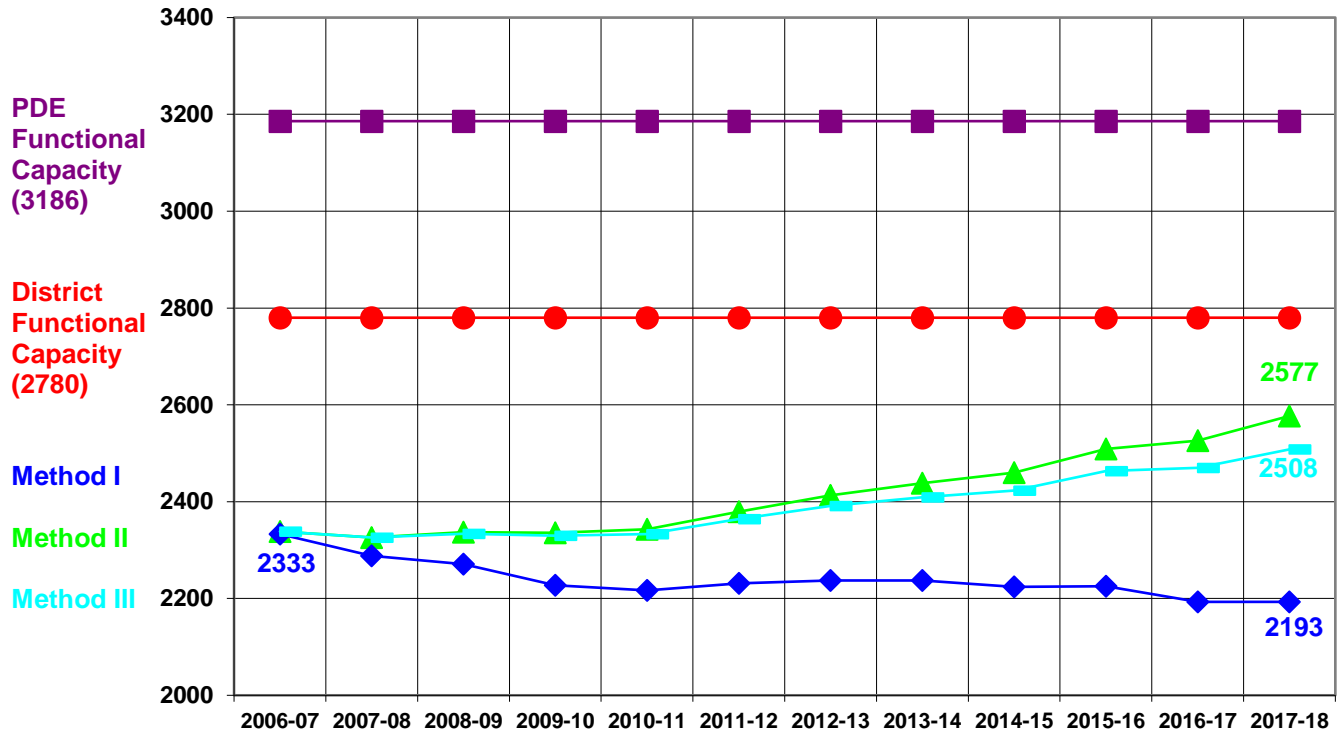


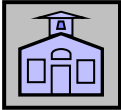





TABLE 70 - Projected Student Enrollment (K-12) vs. Proposed Building Capacity



PROPOSED EDUCATIONAL PROGRAM

OPTION 3-A

Proposed Building Capacity for Grades K-4; 5-8; 9-12; 6-12; K-12

Building	Proposed Grade Alignment	Potential Work	** Functional Capacity		Special Education Capacity		Highest Projected Enrollment	
			DIST	PDE	DIST	PDE	Methods I,II, III	Current + 10% *
	BEDFORD ELEMENTARY SCHOOL	K-4	Maintain w/ Upgrades	802	950	50	125	
	HYNDMAN-LONDONDERRY ELEM. SCHOOL	K-4 K-5	Maintain w/ Upgrades	235	275	20	50	
K-4/5 TOTAL			1,037	1,225			K-4 Method II	994 * 2007/08
	BEDFORD MIDDLE SCHOOL	5-8	Alts/Add's	783	881	50	125	
	HYNDMAN MIDDLE / SR. HIGH SCHOOL	6-12	Maintain w/ Upgrades	317	356	20	50	
	BEDFORD HIGH SCHOOL	9-12	Maintain w/ Upgrades	643	724	40	100	
5-12 TOTAL			1,743	1,961			1,582 Method II	1,603 * 2007/08
K-12 TOTAL			2,780	3,186			2,577 Method II	2,566 * 2006/07
	DISTRICT ADMINISTRATION OFFICES		Remain at Bedford High School	19	19			

* PDE allows 2006/07 or 2007/08 Current Enrollment + 10% to be used as Highest Projected Enrollment for Project Grades.

** Elementary *Functional Capacity* are Graded Classrooms K-5; *Special Education Capacity* is not included in the Functional Capacity or Total Capacity.

PROPOSED ROOM SCHEDULE

K-4; K-5 OPTION 3-A

Educational Space	BEDFORD ELEMENTARY										HYNDMAN-LONDONDERRY ELEMENTARY									
	Existing K-5					Proposed K-4 Option 3-A					Existing K-5					Proposed K-5 Option 3-A				
	No.	Area	Total	Dist. FTE	PDE FTE	No.	Area	Total	Dist. FTE	PDE FTE	No.	Area	Total	Dist. FTE	PDE FTE	No.	Area	Total	Dist. FTE	PDE FTE
Half Day Kindergarten			0	0	0			0	0	0			0	0	0			0	0	0
Full Day Kindergarten	7	925	6,475	140	175	8	925	7,400	160	200	2	815	1,630	40	50	2	815	1,630	40	50
First Grade Classroom	7	840	5,880	140	175	8	840	6,720	160	200	2	850	1,700	40	50	2	850	1,700	40	50
Second Grade Classroom	7	840	5,880	140	175	8	840	6,720	160	200	2	850	1,700	40	50	2	850	1,700	40	50
Third Grade Classroom	6	850	5,100	138	150	7	845	5,915	161	175	1	800	800	23	25	2	800	1,600	46	50
Fourth Grade Classroom	6	850	5,100	138	150	7	845	5,915	161	175	2	800	1,600	46	50	2	800	1,600	46	50
Fifth Grade Classroom	6	850	5,100	138	150			0	0	0	2	800	1,600	46	50	1	800	800	23	25
Support Classroom			0	0	0			0	0	0	1	800	800	25	25	1	800	800	25	25
Reg. Clsrm. < 660 SF			0					0					0					0		
Pre Kindergarten			0			1	865	865	20	25	1	815	815	20	25	1	815	815	20	25
Special Education Clsrm.	5	850	4,250			5	850	4,250			2	800	1,600			2	800	1,600		
S.E. Seminar / S.G.I.			0					0					0					0		
Media Center	1	3,945	3,945			1	3,945	3,945			1	560	560			1	560	560		
Small Group Instruction	4	515	2,060			4	515	2,060					0					0		
Small Group Instruction	4	150	600			4	150	600					0					0		
Large Group Instruction	1	1,680	1,680			1	1,680	1,680			1	990	990			1	990	990		
Computer Lab	1	815	815			1	815	815			1	425	425			1	425	425		
Art Classroom	1	735	735			1	735	735					0					0		
Art / Music Classroom	1	750	750			1	750	750			1	985	985			1	985	985		
Music Classroom	1	715	715			1	715	715					0					0		
Gymnasium / Multi-Purpose Rm	1	6,035	6,035			1	6,035	6,035			1	3,570	3,570			1	3,570	3,570		
Locker Room			0					0					0					0		
Stage / Platform	1	1,670	1,670			1	1,670	1,670			1	560	560			1	560	560		
Student Dining			0					0					0					0		
Kitchen Areas	1	3,320	3,320			1	3,320	3,320			1	1,460	1,460			1	1,460	1,460		
Administration / Guidance	1	3,300	3,300			1	3,300	3,300			1	740	740			1	740	740		
Health Suite	1	1,170	1,170			1	1,170	1,170			1	295	295			1	295	295		
Faculty Dining / Workroom	1	355	355			1	355	355			1	320	320			1	320	320		
Faculty / I.P.C.	9	175	1,575			9	175	1,575					0					0		
FUNCTIONAL CAPACITY				834	975				802	950				235	275				235	275
TOTAL CAPACITY				834	975				822	975				280	325				280	325
SPECIAL EDUCATION CAPACITY				50	125				50	125				20	50				20	50
SCHEDULED AREA			66,510	SF				66,510	SF				22,150	SF				22,150	SF	
ARCHITECTURAL AREA			115,105	SF				115,105	SF				32,725	SF				32,725	SF	
NEW ARCHITECTURAL AREA								0	SF									0	SF	
CLSRM COUNT	39					39					13					13				
S.E. COUNT	5					5					2					2				
TOTAL	44					44					15					15				
ADDITIONAL CLASSROOMS																				
S.A. / ARCH. AREA FACTOR			1.731					1.731					1.477					1.477		
SF / FUNCTIONAL CAPACITY				138	118				144	121				139	119				0	0
SF / NO. OF STUDENTS				137	137				129	129				172	172				172	172

PROPOSED ROOM SCHEDULE

5-8; 6-12; 9-12 OPTION 3-A

Educational Space	BEDFORD MIDDLE SCHOOL										HYNDMAN MIDDLE / SENIOR HIGH SCHOOL										BEDFORD HIGH SCHOOL									
	Existing 6-8					Proposed 5-8 Option 3-A					Existing 6-12					Proposed 6-12 Option 3-A					Existing 9-12					Proposed 9-12 Option 3-A				
	No.	Area	Total	Dist.	PDE	No.	Area	Total	Dist.	PDE	No.	Area	Total	Dist.	PDE	No.	Area	Total	Dist.	PDE	No.	Area	Total	Dist.	PDE	No.	Area	Total	Dist.	PDE
				FTE	FTE				FTE	FTE				FTE	FTE				FTE	FTE				FTE	FTE				FTE	FTE
Reg Clsrm 660+ SF Reg Clsrm < 660 SF	14	840	11,760	350	350	24	840	20,160	600	600	8	750	6,000	200	200	8	750	6,000	200	200	16	755	12,080	400	400	16	755	12,080	400	400
Special Education Clsrm. Spec. Educ. Seminar / S.G.I.	2 4	810 435	1,620 1,740			4 4	810 435	3,240 1,740			1 2	660 440	660 880			1 2	660 440	660 880			3 3	785 460	2,355 1,380			3 3	785 460	2,355 1,380		
Media Center T.V. Studio / Media Classroom S.G.I. / Student Activity	1	2,500	2,500			1	2,500	2,500			1	1,565	1,565			1	1,565	1,565			1	4,120	4,120			1	4,120	4,120		
Large Group Instruction Science Classroom Science < 660 SF	1 2	1,550 825	1,550 1,650			1 2	1,550 825	1,550 1,650			1	660	660	25	25	1	660	660	25	25	1	1,140	1,140			1	1,140	1,140		
Science Proj Rm / Greenhouse Science Lab Business Clsrm	2 1	250 1,000	500 1,000			2 2	250 1,000	500 2,000			1	995	995	20	20	1	995	995	20	20	3	1,485	4,455	60	60	3	1,485	4,455	60	60
Computer Lab Art Classroom Music Classroom	2 1 1	855 950 1,030	1,710 950 1,030	40 20 25	40 20 25	2 2 1	855 1,000 1,030	1,710 2,000 1,030	40 40 25	40 40 25	1 1 1	825 775 1,205	825 775 1,205	20 20 25	20 20 25	1 1 1	825 775 1,205	825 775 1,205	20 20 25	20 20 25	4 1 1	885 1,645 1,745	3,540 1,645 1,745	80 20 25	80 20 25	4 1 1	885 1,645 1,745	3,540 1,645 1,745	80 20 25	80 20 25
Band / Orchestra / Choral Family & Consumer Science TE Shop TE Shop <1800 sf	1 1 2	1,825 2,035 2,150	1,825 2,035 4,300	25 20 40	25 20 40	1 1 2	1,825 2,035 2,150	1,825 2,035 4,300	25 20 40	25 20 40	1 1 1	1,800 1,800 1,800	1,800 1,800 1,800	20 20 20	20 20 20	1 1 1	1,800 1,800 1,800	1,800 1,800 1,800	20 20 20	20 20 20	1 1 1	2,180 1,135 8,700	2,180 1,135 8,700	20 0 66	20 0 66	1 1 1	2,180 1,135 8,700	2,180 1,135 8,700	20 0 66	20 0 66
Gymnasium Auxiliary Gymnasium Adaptive Gymnasium	1 1 1	6,650 0 0	6,650 0 0	66 0 0	66 0 0	1 1	6,650 2,500	6,650 2,500	66 33	66 33	1 2	6,500 1,340	6,500 2,680	66 0	66 0	1 2	6,500 1,340	6,500 2,680	66 0	66 0	1 3	8,700 2,700 2,700	8,700 2,700 2,700	66 33 33	66 33 33	1 1 1	8,700 2,700 2,700	8,700 2,700 2,700	66 33 33	66 33 33
Locker Room / Team Room Weight / Wrestling / Cardio Rm Training Room Stage / Platform Auditorium	2	1,570	3,140			2	1,570	3,140			2 2	1,340 845	2,680 1,690			2 2	1,340 845	2,680 1,690			3 2 1	2,040 965 505	6,120 1,930 505			3 2 1	2,040 965 505	6,120 1,930 505		
Student Dining Kitchen Areas	1 1	3,500 775	3,500 775			1 1	4,000 1,200	4,000 1,200			1 1	2,040 700	2,040 700			1 1	2,040 700	2,040 700			1 1	5,830 3,600	5,830 3,600			1 1	5,830 3,600	5,830 3,600		
Administration / Guidance Health Suite Technology Suite	1 1	1,410 875	1,410 875			1 1	1,600 875	1,600 875			1 1	1,015 690	1,015 690			1 1	1,015 690	1,015 690			1 1	3,250 1,180	3,250 1,180			1 1	3,250 1,180	3,250 1,180		
Faculty Dining / Workroom Faculty / I.P.C. / Office / P.E. Office District Administration Offices	2 3	405 190	810 570			4 3	405 190	1,620 570			2 4	305 110	610 440			2 4	305 110	610 440			3 12 1	585 165 3,775	1,755 1,980 3,775	18 18		3 12 1	585 165 3,775	1,755 1,980 3,775	19 19	
FUNCTIONAL CAPACITY	525 590					783 881					317 356					317 356					643 724					643 724				
TOTAL CAPACITY	525 590					783 881					317 356					317 356					661 742					662 743				
SPECIAL EDUCATION CAPACITY	30 75					50 125					20 50					20 50					40 100					40 100				
SCHEDULED AREA	51,900 SF					69,395 SF					33,065 SF					33,065 SF					96,555 SF					96,555 SF				
ARCHITECTURAL AREA	81,000 SF					111,000 SF					50,205 SF					50,205 SF					177,390 SF					177,390 SF				
NEW ARCHITECTURAL AREA						30,000 SF										0 SF										0 SF				
CLSRM COUNT	14					24					8					8					20					20				
S.E. COUNT	2					4					1					1					3					3				
TOTAL	16					28					9					9					23					23				
ADDITIONAL CLASSROOMS																														
S.A. / ARCH. AREA FACTOR	1.561					1.600					1.518					1.518					1.837					1.837				
SF / FUNCTIONAL CAPACITY	154 137					142 126					158 141					158 141					276 245					276 245				
SF / NO. OF STUDENTS	176 176					150 150					228 228					198 198					289 289					268 268				

PROJECTED REIMBURSEMENT

Rank 1 or Minimum Costs for Reimbursement -- OPTION 3-A

	Dist Bldg. FTE	PDE Adj. New FTE	RPC	** Reimb. Factor	Max Elig. Reimb.	Constr. New S.F.	Constr. Cost for Additions	Renov. Exist. S.F.	Renov. Study Cost	Additional Educ. Upgrades	Total Constr. Cost	Total Project Cost	** % M.E.R. to T.P.C.	Aid Ratio	% State Share	% Local Share	+ Annual Total Share	+ Annual State Share	+ Annual Local Share	Millage Equiv.
Bedford Elementary	802	905	1,189	4,700	5,588,300	0	0	115,105	0	0	0	0	0.0000	0.5523	0.00%	100.00%	0	0	0	0.00
		*Existing	1,189	470	558,830				Rank 1				**20% Rule for Existing							
		*LEED	1,189	470	558,830															
K-4 Total	802	905	1,189	**	\$6,705,960	0	\$0	115,105	\$0	\$0	\$0	\$0	0.5523				\$0	\$0	\$0	0.00
Hyndman-Londonderry Elementary	235	314	440	4,700	2,068,000	0	0	32,725	1,070,420	0	1,070,420	1,338,025	1.0000	0.5523	55.23%	44.77%	99,560	54,987	44,573	0.27
		*Existing	440	470	206,800				20% rule min.											
		*LEED	440	470	206,800															
K-5 Total	235	314	440		\$2,481,600	0	\$0	32,725	\$1,070,420	\$0	\$1,070,420	\$1,338,025		0.5523			\$99,560	\$54,987	\$44,573	0.27
Bedford Middle School	783	423	592	4,700	2,782,400	30,000	6,750,000	81,000	5,178,885	0	11,928,885	14,911,106	0.4574	0.5523	25.26%	74.74%	1,109,763	280,369	829,394	4.97
		*Existing	592	470	278,240				Rank 1											
		*LEED	592	470	278,240															
		422	468	6,200	2,901,600															
		*Existing	468	620	290,160															
		*LEED	468	620	290,160															
5-8 Total	783	845	1,060		\$6,820,800	30,000	\$6,750,000	81,000	\$5,178,885	\$0	\$11,928,885	\$14,911,106		0.5523			\$1,109,763	\$280,369	\$829,394	4.97
Hyndman Middle / Sr. High School	317	49	69	4,700	324,300	0	0	50,205	1,567,610	0	1,567,610	1,959,513	1.0000	0.5523	55.23%	44.77%	145,688	80,463	65,225	0.39
		*Existing	69	470	32,430				20% rule min.											
		*LEED	69	470	32,430															
		292	324	6,200	2,008,800															
		*Existing	324	620	200,880															
		*LEED	324	620	200,880															
6-12 Total	317	341	393		\$2,799,720	0	\$0	50,205	\$1,567,610	\$0	\$1,567,610	\$1,959,513		0.5523			\$145,688	\$80,463	\$65,225	0.39
Bedford High School	643	692	768	6,200	4,761,600	0	0	177,390	0	0	0	0	0.0000	0.5523	0.00%	100.00%	0	0	0	0.00
		*Existing	768	620	476,160				Rank 1				**20% Rule for Existing							
		*LEED	768	620	476,160															
District Administration Offices (DAO)	19	19	21	6,200	130,200															
		*Existing	21	620	13,020															
		*LEED	21	620	13,020															
9-12 / DAO Total	643	711	768	**	\$5,870,160	0	\$0	177,390	\$0	\$0	\$0	\$0	0.5523				\$0	\$0	\$0	0.00
K-12 / DAO Total	2,780	3,116	3,850		\$24,678,240	30,000	\$6,750,000	341,320	\$7,816,915	\$0	\$14,566,915	\$18,208,644		0.5523			\$1,355,011	\$415,819	\$939,192	5.63

* Additional 10% Reimbursement for *Qualifying Existing Building* also Additional 10% Reimbursement for *Qualifying Leed Certification*. *Qualifying Existing Building* must meet reimbursable minimum cost criteria to receive any or part of the additional 10% Reimbursement.
** Existing Renovation Costs must exceed the "20% Rule" to qualify for Reimbursement of the existing portion of the facility.

PROJECTED REIMBURSEMENT

Rank 3 Costs -- OPTION 3-A

	Dist Bldg. FTE	PDE Adj. New FTE	RPC	** Reimb. Factor	Max Elig. Reimb.	Constr. New S.F.	Constr. Cost for Additions	Renov. Exist. S.F.	Renov. Study Cost	Additional Educ. Upgrades	Total Constr. Cost	Total Project Cost	** % M.E.R. to T.P.C.	Aid Ratio	% State Share	% Local Share	+ Annual Total Share	+ Annual State Share	+ Annual Local Share	Millage Equiv.
Bedford Elementary	802	905 *Existing *LEED	1,189 1,189 1,189	4,700 470 470	5,588,300 558,830 558,830	0	0	115,105	1,213,630	0	1,213,630	1,517,038	0.0000 **20% Rule for Existing	0.5523	0.00%	100.00%	113,014	0	113,014	0.68
K-4 Total	802	905	1,189	**	\$6,705,960	0	\$0	115,105	\$1,213,630	\$0	\$1,213,630	\$1,517,038		0.5523			\$113,014	\$0	\$113,014	0.68
Hyndman-Londonderry Elementary	235	314 *Existing *LEED	440 440 440	4,700 470 470	2,068,000 206,800 206,800	0	0	32,725	2,500,450	0	2,500,450	3,125,563	0.7940	0.5523	43.85%	56.15%	232,562	101,981	130,581	0.78
K-5 Total	235	314	440		\$2,481,600	0	\$0	32,725	\$2,500,450	\$0	\$2,500,450	\$3,125,563		0.5523			\$232,562	\$101,981	\$130,581	0.78
Bedford Middle School	783	423 *Existing *LEED 422 *Existing *LEED	592 592 592 468 468 468	4,700 470 470 6,200 620 620	2,782,400 278,240 278,240 2,901,600 290,160 290,160	30,000	6,750,000	81,000	9,158,922	0	15,908,922	19,886,153	0.3430	0.5523	18.94%	81.06%	1,479,940	280,352	1,199,588	7.19
5-8 Total	783	845	1,060		\$6,820,800	30,000	\$6,750,000	81,000	\$9,158,922	\$0	\$15,908,922	\$19,886,153		0.5523			\$1,479,940	\$280,352	\$1,199,588	7.19
Hyndman Middle / Sr. High School	317	49 *Existing *LEED 292 *Existing *LEED	69 69 69 324 324 324	4,700 470 470 6,200 620 620	324,300 32,430 32,430 2,008,800 200,880 200,880	0	0	50,205	2,795,925	0	2,795,925	3,494,906	0.8011	0.5523	44.24%	55.76%	260,239	115,140	145,099	0.87
6-12 Total	317	341	393		\$2,799,720	0	\$0	50,205	\$2,795,925	\$0	\$2,795,925	\$3,494,906		0.5523			\$260,239	\$115,140	\$145,099	0.87
Bedford High School	643	692 *Existing *LEED	768 768 768	6,200 620 620	4,761,600 476,160 476,160	0	0	177,390	1,671,700	0	1,671,700	2,089,625	0.0000 **20% Rule for Existing	0.5523	0.00%	100.00%	155,682	0	155,682	0.93
District Administration Offices (DAO)	19	19 *Existing *LEED	21 21 21	6,200 620 620	130,200 13,020 13,020															
9-12 / DAO Total	643	711	768	**	\$5,870,160	0	\$0	177,390	\$1,671,700	\$0	\$1,671,700	\$2,089,625		0.5523			\$155,682	\$0	\$155,682	0.93
K-12 / DAO Total	2,780	3,116	3,850		\$24,678,240	30,000	\$6,750,000	341,320	\$17,340,627	\$0	\$24,090,627	\$30,113,285		0.5523			\$2,241,437	\$497,473	\$1,743,964	10.45

* Additional 10% Reimbursement for *Qualifying Existing Building* also Additional 10% Reimbursement for *Qualifying Leed Certification*. *Qualifying Existing Building* must meet reimbursable minimum cost criteria to receive any or part of the additional 10% Reimbursement.
** Existing Renovation Costs must exceed the "20% Rule" to qualify for Reimbursement of the existing portion of the facility.

OPTION 3-B -- Change Grade Alignment

K-4 *Maintain separate Elementary School campus sites.*

- K-4** • Alterations and additions to Bedford Elementary School as required.
 - K-5** • Maintain Hyndman-Londonderry Elementary School with upgrades as required.
-
-

5-8 *Combine 5, 6-8 Secondary School campus sites at Bedford Middle School site.*

- Relocate Bedford Elementary School grade 5 also Hyndman Middle/Senior High School grades 6-8 to Bedford Middle School; Alterations and additions with upgrades as required.
-
-

6-12 *Combine 6-12 Secondary School campus sites at Bedford Schools site.*

- Close existing Hyndman Middle/Senior High School.
-
-

9-12 *Combine 9-12 Secondary School campus sites at Bedford High School site.*

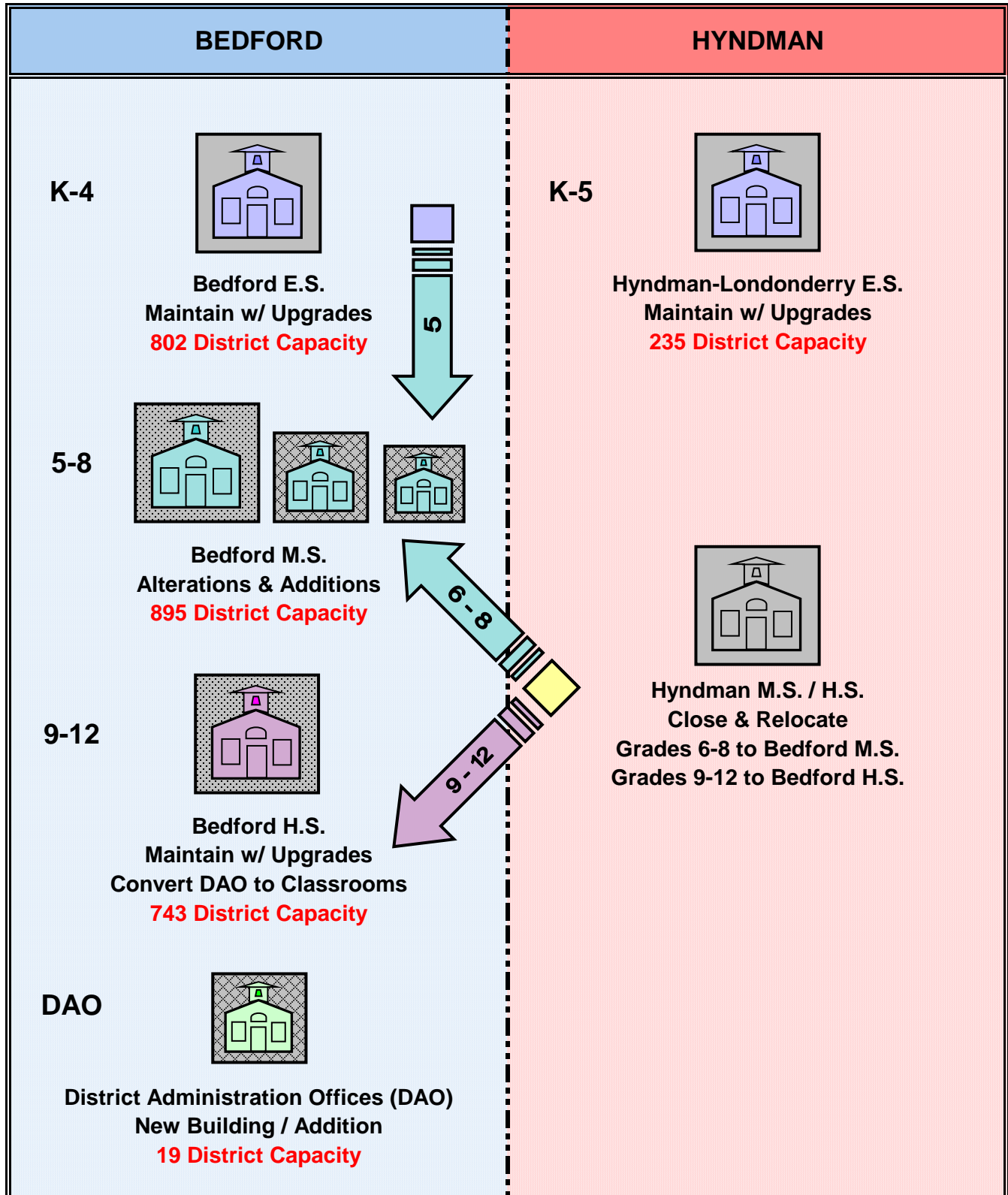
- Relocate Hyndman Middle/Senior High School grades 9-12 to Bedford High School; Alterations to convert existing District Administration Offices (DAO) to classrooms and upgrades as required.
-
-

DAO *Construct New Building / Addition for the District Administration Offices (DAO).*

- Pros**
- Maintain current geographic neighborhood for Elementary Schools
 - K-4 Grade structure change would provide more capacity for the Elementary Schools, thus potentially reducing the need for future additions to the existing Elementary Schools.
 - Homogeneous facility grade structure and educational programs for 5-8 and 9-12
 - Separation of 5-8 Middle School age students and 9-12 High School age students
 - Potential savings of yearly expense, transportation and maintenance for fewer School facilities

- Cons**
- Geographical change of Secondary Schools Status Quo
 - Potential additional yearly expense, transportation, and maintenance for two geographically separate Elementary Schools
-
-

Proposed Campus Structure -- Change Grade Alignment



OPTION COSTS

OPTION 3-B

OPTION 3-B -- Change Grade Alignment

Proposed Mimimum Option Costs for Reimbursement

	Max. Eligible Reimb.	Constr. Cost for Additions	Renov. Cost	Additional Educ. Upgrades	Total Constr. Cost	Total Project Cost	+ Annual State Share	+ Annual Local Share	Millage Equiv.
K-4 Bedford ES	\$6,705,960	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.00
K-5 Hyndman ES	\$2,481,600	\$0	\$1,070,420	\$0	\$1,070,420	\$1,338,025	\$54,987	\$44,573	0.27
K-4 / K-5 Total	\$9,187,560	\$0	\$1,070,420	\$0	\$1,070,420	\$1,338,025	\$54,987	\$44,573	0.27
Bedford MS 5-8 Total	\$7,884,600	\$9,225,000	\$5,178,885	\$0	\$14,403,885	\$18,004,856	\$324,098	\$1,015,920	6.09
Hyndman MS/HS	CLOSE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.00
Bedford HS 9-12 Total	\$7,730,160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.00
DAO Total	\$156,240	\$1,125,000	\$0	\$0	\$1,125,000	\$1,406,250	\$6,416	\$98,141	0.59
K-12/DAO Total	\$24,958,560	\$10,350,000	\$6,249,305	\$0	\$16,599,305	\$20,749,131	\$385,501	\$1,158,634	6.94

Proposed Option Costs

	Max. Eligible Reimb.	Constr. Cost for Additions	Renov. Cost	Additional Educ. Upgrades	Total Constr. Cost	Total Project Cost	+ Annual State Share	+ Annual Local Share	Millage Equiv.
K-4 Bedford ES	\$6,705,960	\$0	\$1,213,630	\$0	\$1,213,630	\$1,517,038	\$0	\$113,014	0.68
K-5 Hyndman ES	\$2,481,600	\$0	\$2,500,450	\$0	\$2,500,450	\$3,125,563	\$101,981	\$130,581	0.78
K-5 Total	\$9,187,560	\$0	\$3,714,080	\$0	\$3,714,080	\$4,642,601	\$101,981	\$243,595	1.46
Bedford MS 5-8 Total	\$7,884,600	\$9,225,000	\$9,158,922	\$0	\$18,383,922	\$22,979,903	\$324,080	\$1,386,116	8.31
Hyndman MS/HS	CLOSE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.00
Bedford HS 9-12 Total	\$7,730,160	\$0	\$1,671,700	\$500,000	\$2,171,700	\$2,714,625	\$0	\$202,194	1.21
DAO Total	\$156,240	\$1,125,000	\$0	\$0	\$1,125,000	\$1,406,250	\$6,416	\$98,141	0.59
K-12/DAO Total	\$24,958,560	\$10,350,000	\$14,544,702	\$500,000	\$25,394,702	\$31,743,379	\$432,477	\$1,930,046	11.57

TABLE 71 - Projected Student Enrollment (K-4) vs. Proposed Building Capacity

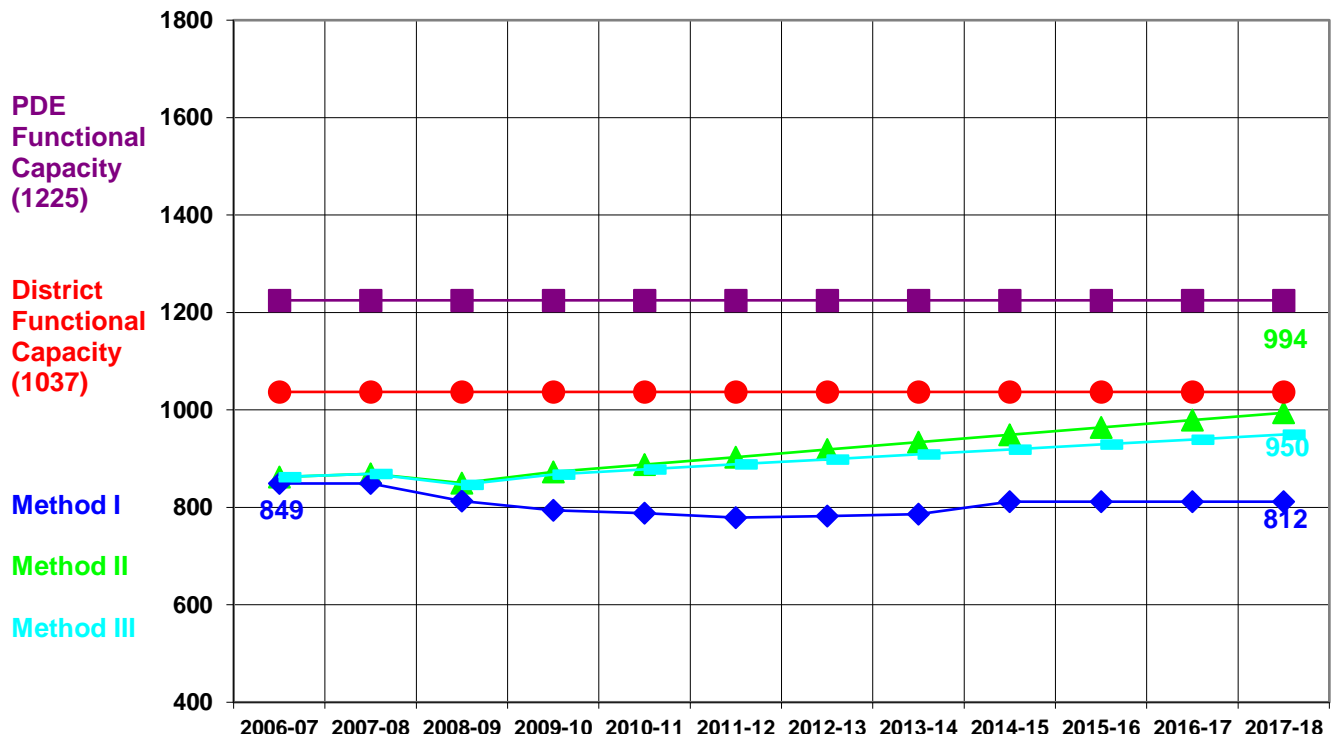


TABLE 72 - Projected Student Enrollment (5-8) vs. Proposed Building Capacity

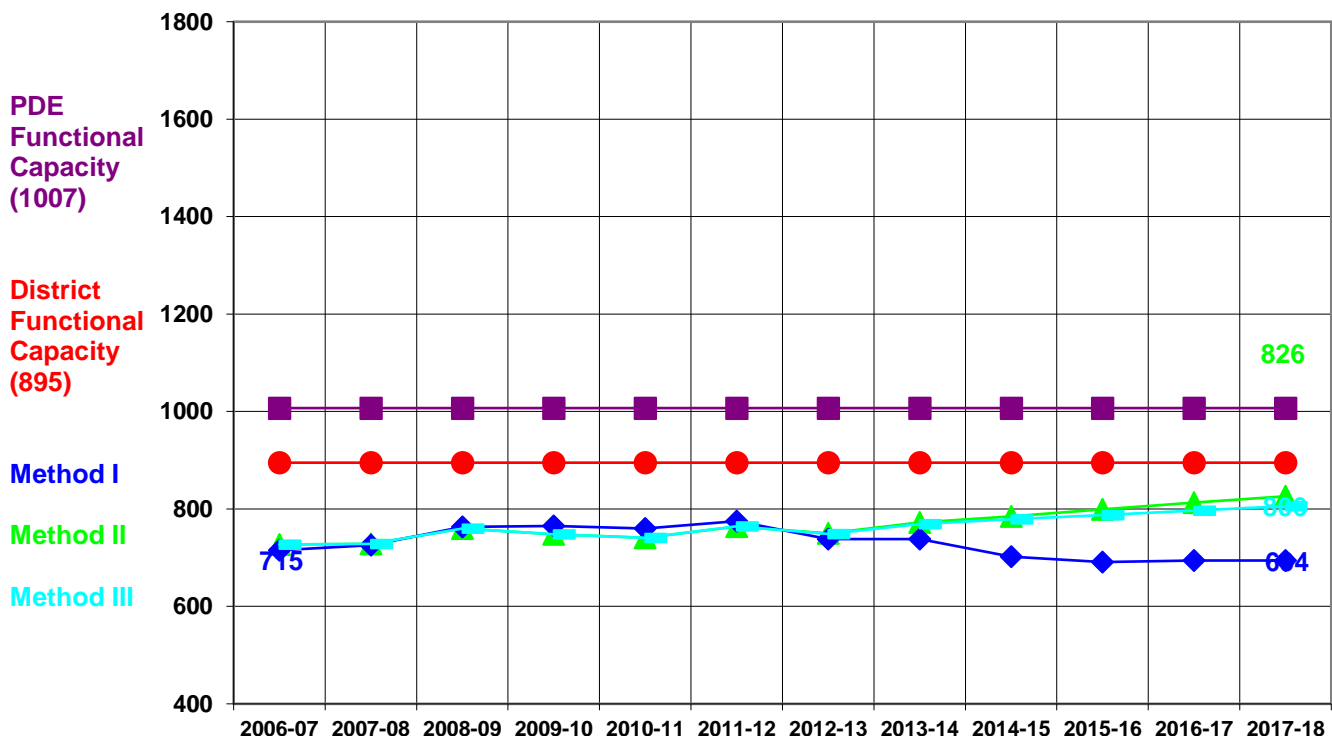


TABLE 73 - Projected Student Enrollment (9-12) vs. Proposed Building Capacity

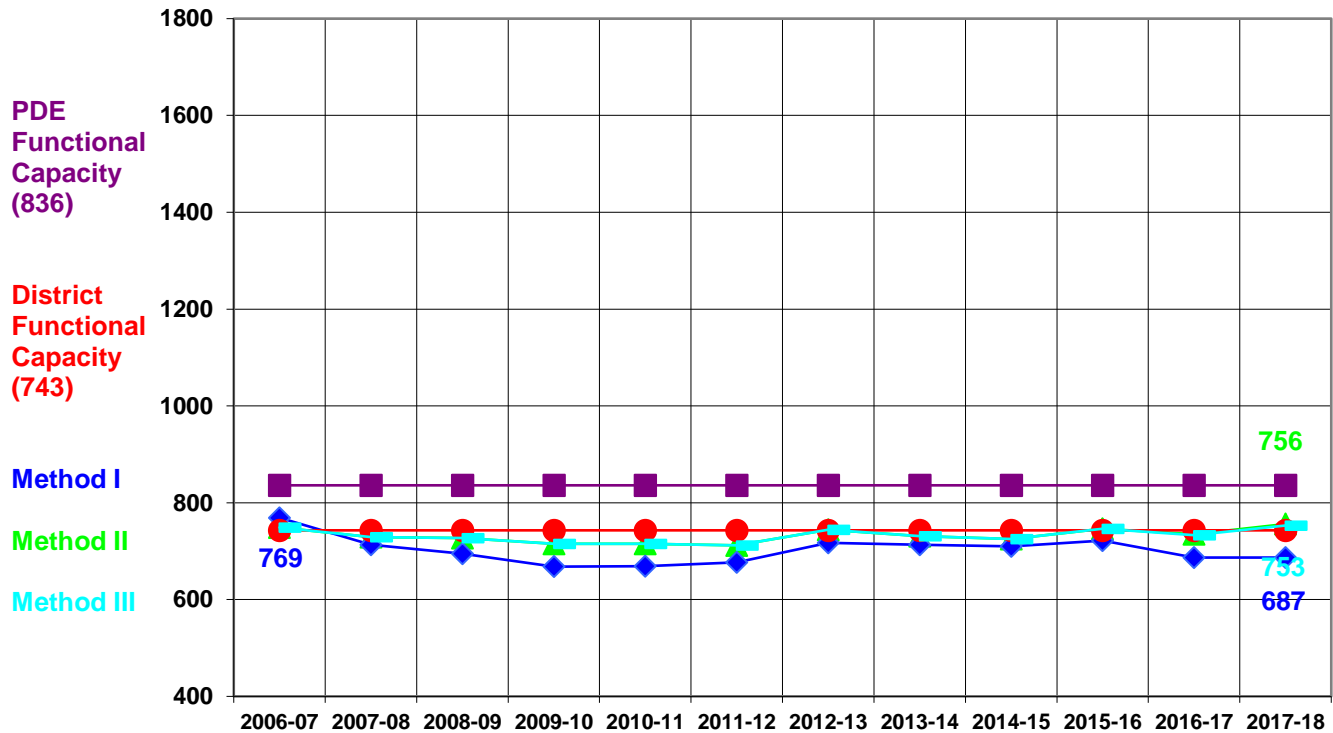
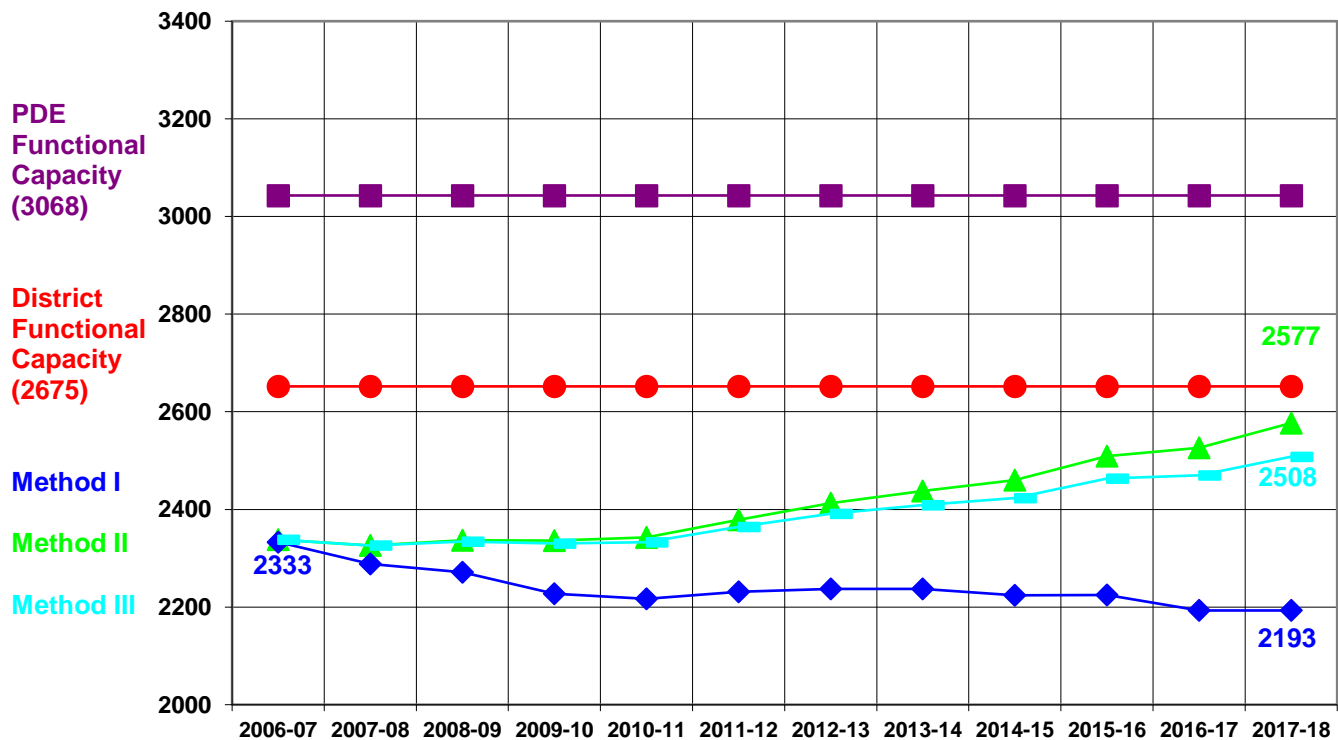


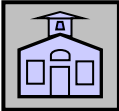



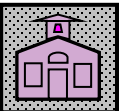

TABLE 74 - Projected Student Enrollment (K-12) vs. Proposed Building Capacity



PROPOSED EDUCATIONAL PROGRAM

OPTION 3-B

Proposed Building Capacity for Grades K-4; 5-8; 9-12; K-12

Building	Proposed Grade Alignment	Potential Work	** Functional Capacity		Special Education Capacity		Highest Projected Enrollment	
			DIST	PDE	DIST	PDE	Methods I & II	Current + 10% *
	BEDFORD ELEMENTARY SCHOOL	K-4	Maintain w/ Upgrades	802	950	50	125	
	HYNDMAN-LONDONDERRY ELEM. SCHOOL	K-4 K-5	Maintain w/ Upgrades	235	275	20	50	
K-4/5 TOTAL			1,037	1,225			K-4 994 Method II	956 * 2007/08
	BEDFORD MIDDLE SCHOOL	5-8	Alts/Add	895	1,007	60	150	
5-8 TOTAL			895	1,007			826 Method II	801 * 2007/08
	HYNDMAN MIDDLE / SR. HIGH SCHOOL	6-12	Close & Relocate 6-8 to Bedford MS 9-12 to Bedford HS					
	BEDFORD HIGH SCHOOL	9-12	Renovations Convert DAO to Classrooms	743	836	40	100	
9-12 TOTAL			743	836			756 Method II	846 * 2006/07
K-12 TOTAL			2,675	3,068			2,577 Method II	2,566 * 2006/07
	DISTRICT ADMINISTRATION OFFICES		New Building / Addition	19	19			

* PDE allows 2006/07 or 2007/08 Current Enrollment + 10% to be used as Highest Projected Enrollment for Project Grades.

** Elementary *Functional Capacity* are Graded Classrooms K-5; *Special Education Capacity* is not included in the Functional Capacity or Total Capacity.

PROPOSED ROOM SCHEDULE

K-4; K-5 OPTION 3-B

Educational Space	BEDFORD ELEMENTARY										HYNDMAN-LONDONDERRY ELEMENTARY									
	Existing K-5					Proposed K-4 Option 3-B					Existing K-5					Proposed K-5 Option 3-B				
	No.	Area	Total	Dist. FTE	PDE FTE	No.	Area	Total	Dist. FTE	PDE FTE	No.	Area	Total	Dist. FTE	PDE FTE	No.	Area	Total	Dist. FTE	PDE FTE
Half Day Kindergarten			0	0	0			0	0	0			0	0	0			0	0	0
Full Day Kindergarten	7	925	6,475	140	175	8	925	7,400	160	200	2	815	1,630	40	50	2	815	1,630	40	50
First Grade Classroom	7	840	5,880	140	175	8	840	6,720	160	200	2	850	1,700	40	50	2	850	1,700	40	50
Second Grade Classroom	7	840	5,880	140	175	8	840	6,720	160	200	2	850	1,700	40	50	2	850	1,700	40	50
Third Grade Classroom	6	850	5,100	138	150	7	845	5,915	161	175	1	800	800	23	25	2	800	1,600	46	50
Fourth Grade Classroom	6	850	5,100	138	150	7	845	5,915	161	175	2	800	1,600	46	50	2	800	1,600	46	50
Fifth Grade Classroom	6	850	5,100	138	150			0	0	0	2	800	1,600	46	50	1	800	800	23	25
Support Classroom			0	0	0			0	0	0	1	800	800	23	25	1	800	800	23	25
Reg. Clsrm. < 660 SF			0					0					0					0		
Pre Kindergarten			0			1	865	865	20	25	1	815	815	20	25	1	815	815	20	25
Special Education Clsrm.	5	850	4,250			5	850	4,250			2	800	1,600			2	800	1,600		
S.E. Seminar / S.G.I.			0					0					0					0		
Media Center	1	3,945	3,945			1	3,945	3,945			1	560	560			1	560	560		
Small Group Instruction	4	515	2,060			4	515	2,060					0					0		
Small Group Instruction	4	150	600			4	150	600					0					0		
Large Group Instruction	1	1,680	1,680			1	1,680	1,680			1	990	990			1	990	990		
Computer Lab	1	815	815			1	815	815			1	425	425			1	425	425		
Art Classroom	1	735	735			1	735	735					0					0		
Art / Music Classroom	1	750	750			1	750	750			1	985	985			1	985	985		
Music Classroom	1	715	715			1	715	715					0					0		
Gymnasium / Multi-Purpose Rm	1	6,035	6,035			1	6,035	6,035			1	3,570	3,570			1	3,570	3,570		
Locker Room			0					0					0					0		
Stage / Platform	1	1,670	1,670			1	1,670	1,670			1	560	560			1	560	560		
Student Dining			0					0					0					0		
Kitchen Areas	1	3,320	3,320			1	3,320	3,320			1	1,460	1,460			1	1,460	1,460		
Administration / Guidance	1	3,300	3,300			1	3,300	3,300			1	740	740			1	740	740		
Health Suite	1	1,170	1,170			1	1,170	1,170			1	295	295			1	295	295		
Faculty Dining / Workroom	1	355	355			1	355	355			1	320	320			1	320	320		
Faculty / I.P.C.	9	175	1,575			9	175	1,575					0					0		
FUNCTIONAL CAPACITY				834	975				802	950				235	275				235	275
TOTAL CAPACITY				834	975				822	975				278	325				278	325
SPECIAL EDUCATION CAPACITY				50	125				50	125				20	50				20	50
SCHEDULED AREA			66,510	SF				66,510	SF				22,150	SF				22,150	SF	
ARCHITECTURAL AREA			115,105	SF				115,105	SF				32,725	SF				32,725	SF	
NEW ARCHITECTURAL AREA								0	SF									0	SF	
CLSRM COUNT	39					39					13					13				
S.E. COUNT	5					5					2					2				
TOTAL	44					44					15					15				
ADDITIONAL CLASSROOMS																				
S.A. / ARCH. AREA FACTOR			1.731					1.731					1.477					1.477		
SF / FUNCTIONAL CAPACITY				138	118				144	121				139	119				139	119
SF / NO. OF STUDENTS				137	137				129	129				172	172				208	208

PROPOSED ROOM SCHEDULE

5-8; 9-12 OPTION 3-B

Educational Space	BEDFORD MIDDLE SCHOOL										HYNDMAN MIDDLE / SENIOR HIGH SCHOOL										BEDFORD HIGH SCHOOL										
	Existing 6-8					Proposed 5-8 Option 3-B					Existing 6-12					Proposed Option 3-B					Existing 9-12					Proposed 9-12 Option 3-B					
	No.	Area	Total	Dist. FTE	PDE FTE	No.	Area	Total	Dist. FTE	PDE FTE	No.	Area	Total	Dist. FTE	PDE FTE	No.	Area	Total	Dist. FTE	PDE FTE	No.	Area	Total	Dist. FTE	PDE FTE	No.	Area	Total	Dist. FTE	PDE FTE	
Reg Clsrm 660+ SF	14	840	11,760	350	350	28	840	23,520	700	700	8	750	6,000	200	200						16	755	12,080	400	400	21	755	15,855	525	525	
Reg Clsrm < 660 SF			0					0					0								4	630	2,520			4	630	2,520			
Special Education Clsrm.	2	810	1,620			5	810	4,050			1	660	660								3	785	2,355			3	785	2,355			
Spec. Educ. Seminar / S.G.I.	4	435	1,740			4	435	1,740			2	440	880								3	460	1,380			3	460	1,380			
Media Center	1	2,500	2,500			1	2,500	2,500			1	1,565	1,565								1	4,120	4,120			1	4,120	4,120			
T.V. Studio / Media Classroom			0					0					0								1	600	600			1	600	600			
S.G.I. / Student Activity			0					0			1	460	460								1	560	560			1	560	560			
Large Group Instruction	1	1,550	1,550			1	1,550	1,550					0								1	1,140	1,140			1	1,140	1,140			
Science Classroom	2	825	1,650	50	50	2	825	1,650	50	50	1	660	660	25	25						3	980	2,940	75	75	3	980	2,940	75	75	
Science < 660 SF			0					0					0								1	640	640			1	640	640			
Science Proj Rm / Greenhouse	2	250	500			3	250	750					0								1	380	380			1	380	380			
Science Lab	1	1,000	1,000	20	20	3	1,000	3,000	60	60	1	995	995	20	20						3	1,485	4,455	60	60	3	1,485	4,455	60	60	
Business Clsrm			0	0	0			0	0	0			0	0	0						1	660	660	25	25	1	660	660	25	25	
Computer Lab	2	855	1,710	40	40	3	855	2,565	60	60	1	825	825	20	20						4	885	3,540	80	80	4	885	3,540	80	80	
Art Classroom	1	950	950	20	20	2	1,000	2,000	40	40	1	775	775	20	20						1	1,645	1,645	20	20	1	1,645	1,645	20	20	
Music Classroom	1	1,030	1,030	25	25	1	1,030	1,030	25	25	1	1,205	1,205	25	25						1	1,745	1,745	25	25	1	1,745	1,745	25	25	
Band / Orchestra / Choral	1	1,825	1,825	25	25	1	1,825	1,825	25	25			0	0	0							0	0	0			0	0	0		
Family & Consumer Science	1	2,035	2,035	20	20	1	2,035	2,035	20	20			0	0	0						1	2,180	2,180	20	20	1	2,180	2,180	20	20	
TE Shop	2	2,150	4,300	40	40	2	2,150	4,300	40	40	1	1,800	1,800	20	20							0	0	0			0	0	0		
TE Shop <1800 sf			0					0					0								1	1,135	1,135			1	1,135	1,135			
Gymnasium	1	6,650	6,650	66	66	1	6,650	6,650	66	66	1	6,500	6,500	66	66						1	8,700	8,700	66	66	1	8,700	8,700	66	66	
Auxiliary Gymnasium			0	0	0	1	2,500	2,500	33	33			0	0	0						1	2,700	2,700	33	33	1	2,700	2,700	33	33	
Adaptive Gymnasium			0					0					0								1	2,700	2,700			1	2,700	2,700			
Locker Room / Team Room	2	1,570	3,140			2	1,570	3,140			2	1,340	2,680								3	2,040	6,120			3	2,040	6,120			
Weight / Wrestling / Cardio Rm			0					0			2	845	1,690								2	965	1,930			2	965	1,930			
Training Room			0					0					0								1	505	505			1	505	505			
Stage / Platform			0			1	1,000	1,000			1	875	875								1	1,780	1,780			1	1,780	1,780			
Auditorium			0					0					0								1	6,000	6,000			1	6,000	6,000			
Student Dining	1	3,500	3,500			1	4,000	4,000			1	2,040	2,040								1	5,830	5,830			1	5,830	5,830			
Kitchen Areas	1	775	775			1	1,600	1,600			1	700	700								1	3,600	3,600			1	3,600	3,600			
Administration / Guidance	1	1,410	1,410			1	1,800	1,800			1	1,015	1,015								1	3,250	3,250			1	3,250	3,250			
Health Suite	1	875	875			1	875	875			1	690	690								1	1,180	1,180			1	1,180	1,180			
Technology Suite			0					0					0								1	675	675			1	675	675			
Faculty Dining / Workroom	2	405	810			4	405	1,620			2	305	610								3	585	1,755			3	585	1,755			
Faculty / I.P.C. / Office / P.E. Office	3	190	570			3	190	570			4	110	440								12	165	1,980			12	165	1,980			
District Administration Offices			0										0								1	3,775	3,775	18	18			0			
FUNCTIONAL CAPACITY				525	590			895	1,007				317	356			0	0				643	724				743	836			
TOTAL CAPACITY				525	590			895	1,007				317	356			0	0				661	742				743	836			
SPECIAL EDUCATION CAPACITY				30	75			60	150				20	50			0	0				40	100				40	100			
SCHEDULED AREA			51,900	SF				76,270	SF				33,065	SF			0	SF				96,555	SF				96,555	SF			
ARCHITECTURAL AREA			81,000	SF				122,000	SF				50,205	SF			0	SF				177,390	SF				177,390	SF			
NEW ARCHITECTURAL AREA								41,000	SF								0	SF								0		SF			
CLSRM COUNT	14					28					8					0					20					25					
S.E. COUNT	2					5					1					0					3					3					
TOTAL	16					33					9					0					23					28					
ADDITIONAL CLASSROOMS																															
S.A. / ARCH. AREA FACTOR			1.561					1.600					1.518			N/A						1.837					1.837				
SF / FUNCTIONAL CAPACITY				154	137				136	121			158	141			0	0				276	245				239	212			
SF / NO. OF STUDENTS				176	176				148	148			228	228			0	0				289	289				235	235			

PROJECTED REIMBURSEMENT

Rank 1 or Minimum Costs for Reimbursement -- OPTION 3-B

	Dist Bldg. FTE	PDE Adj. New FTE	RPC	** Reimb. Factor	Max Elig. Reimb.	Constr. New S.F.	Constr. Cost for Additions	Renov. Exist. S.F.	Renov. Study Cost	Additional Educ. Upgrades	Total Constr. Cost	Total Project Cost	** % M.E.R. to T.P.C.	Aid Ratio	% State Share	% Local Share	+ Annual Total Share	+ Annual State Share	+ Annual Local Share	Millage Equiv.
Bedford Elementary	802	905 *Existing *LEED	1,189 1,189 1,189	4,700 470 470	5,588,300 558,830 558,830	0	0	115,105	0 Rank 1	0	0	0	0.0000 **20% Rule for Existing	0.5523	0.00%	100.00%	0	0	0	0.00
K-4 Total	802	905	1,189	**	\$6,705,960	0	\$0	115,105	\$0	\$0	\$0	\$0	0.5523				\$0	\$0	\$0	0.00
Hyndman-Londonderry Elementary	235	314 *Existing *LEED	440 440 440	4,700 470 470	2,068,000 206,800 206,800	0	0	32,725	1,070,420 20% rule min.	0	1,070,420	1,338,025	1.0000	0.5523	55.23%	44.77%	99,560	54,987	44,573	0.27
K-5 Total	235	314	440		\$2,481,600	0	\$0	32,725	\$1,070,420	\$0	\$1,070,420	\$1,338,025	0.5523				\$99,560	\$54,987	\$44,573	0.27
Bedford Middle School	895	488 *Existing *LEED 488 *Existing *LEED	683 683 683 542 542 542	4,700 470 470 6,200 620 620	3,210,100 321,010 321,010 3,360,400 336,040 336,040	41,000	9,225,000	81,000	5,178,885 Rank 1	0	14,403,885	18,004,856	0.4379	0.5523	24.19%	75.81%	1,340,018	324,098	1,015,920	6.09
5-8 Total	895	976	1,225		\$7,884,600	41,000	\$9,225,000	81,000	\$5,178,885	\$0	\$14,403,885	\$18,004,856	0.5523				\$1,340,018	\$324,098	\$1,015,920	6.09
Hyndman Middle / Sr. H.S. Relocate to Bedford M.S. & H.S.	0	0	0	0	0		0	CLOSE	0	0	0	0	0.0000	0.5523	0.00%	100.00%	0	0	0	0.00
Bedford High School	743	936 *Existing *LEED	1,039 1,039 1,039	6,200 620 620	6,441,800 644,180 644,180	0	0	177,390	0 Rank 1	0	0	0	0.0000 **20% Rule for Existing	0.5523	0.00%	100.00%	0	0	0	0.00
9-12 Total	743	936	1,039		\$7,730,160	0	\$0	177,390	\$0	\$0	\$0	\$0	0.5523				\$0	\$0	\$0	0.00
K-12 Total	2,675	3,131			\$24,802,320	41,000	\$9,225,000	406,220	\$6,249,305	\$0	\$15,474,305	\$19,342,881	0.5523				\$1,439,578	\$379,085	\$1,060,493	6.36
District Administration Offices	19	19 *Existing *LEED	21 21 21	6,200 620 620	130,200 13,020 13,020	5,000	1,125,000	0	0	0	1,125,000	1,406,250	0.1111	0.5523	6.14%	93.86%	104,557	6,416	98,141	0.59
DAO Total	19	19	21		\$156,240	5,000	\$1,125,000	0	\$0	\$0	\$1,125,000	\$1,406,250	0.5523				\$104,557	\$6,416	\$98,141	0.59
K-12 / DAO Total	2,694	3,150			\$24,958,560	46,000	\$10,350,000	406,220	\$6,249,305	\$0	\$16,599,305	\$20,749,131	0.5523				\$1,544,135	\$385,501	\$1,158,634	6.94

* Additional 10% Reimbursement for *Qualifying Existing Building* also Additional 10% Reimbursement for *Qualifying Leed Certification*. *Qualifying Existing Building* must meet reimbursable minimum cost criteria to receive any or part of the additional 10% Reimbursement.
** Existing Renovation Costs must exceed the "20% Rule" to qualify for Reimbursement of the existing portion of the facility.

PROJECTED REIMBURSEMENT

Rank 3 Costs -- OPTION 3-B

	Dist Bldg. FTE	PDE Adj. New FTE	RPC	** Reimb. Factor	Max Elig. Reimb.	Constr. New S.F.	Constr. Cost for Additions	Renov. Exist. S.F.	Renov. Study Cost	Additional Educ. Upgrades	Total Constr. Cost	Total Project Cost	** % M.E.R. to T.P.C.	Aid Ratio	% State Share	% Local Share	+ Annual Total Share	+ Annual State Share	+ Annual Local Share	Millage Equiv.
Bedford Elementary	802	905 *Existing *LEED	1,189 1,189 1,189	4,700 470 470	5,588,300 558,830 558,830	0	0	115,105	1,213,630	0	1,213,630	1,517,038	0.0000 **20% Rule for Existing	0.5523	0.00%	100.00%	113,014	0	113,014	0.68
K-4 Total	802	905	1,189	**	\$6,705,960	0	\$0	115,105	\$1,213,630	\$0	\$1,213,630	\$1,517,038		0.5523			\$113,014	\$0	\$113,014	0.68
Hyndman-Londonderry Elementary	235	314 *Existing *LEED	440 440 440	4,700 470 470	2,068,000 206,800 206,800	0	0	32,725	2,500,450	0	2,500,450	3,125,563	0.7940	0.5523	43.85%	56.15%	232,562	101,981	130,581	0.78
K-5 Total	235	314	440		\$2,481,600	0	\$0	32,725	\$2,500,450	\$0	\$2,500,450	\$3,125,563		0.5523			\$232,562	\$101,981	\$130,581	0.78
Bedford Middle School	895	488 *Existing *LEED 488 *Existing *LEED	683 683 683 542 542 542	4,700 470 470 6,200 620 620	3,210,100 321,010 321,010 3,360,400 336,040 336,040	41,000	9,225,000	81,000	9,158,922	0	18,383,922	22,979,903	0.3431	0.5523	18.95%	81.05%	1,710,196	324,080	1,386,116	8.31
5-8 Total	895	976	1,225		\$7,884,600	41,000	\$9,225,000	81,000	\$9,158,922	\$0	\$18,383,922	\$22,979,903		0.5523			\$1,710,196	\$324,080	\$1,386,116	8.31
Hyndman Middle / Sr. H.S. Relocate to Bedford M.S. & H.S.	0	0	0	0	0		0	CLOSE	0	0	0	0	0.0000	0.5523	0.00%	100.00%	0	0	0	0.00
Bedford High School	743	936 *Existing *LEED	1,039 1,039 1,039	6,200 620 620	6,441,800 644,180 644,180	0	0	177,390	1,671,700	500,000	2,171,700	2,714,625	0.0000 **20% Rule for Existing	0.5523	0.00%	100.00%	202,194	0	202,194	1.21
9-12 Total	743	936	1,039		\$7,730,160	0	\$0	177,390	\$1,671,700	\$500,000	\$2,171,700	\$2,714,625		0.5523			\$202,194	\$0	\$202,194	1.21
K-12 Total	2,675	3,131			\$24,802,320	41,000	\$9,225,000	406,220	\$14,544,702	\$500,000	\$24,269,702	\$30,337,129		0.5523			\$2,257,966	\$426,061	\$1,831,905	10.98
District Administration Offices	19	19 *Existing *LEED	21 21 21	6,200 620 620	130,200 13,020 13,020	5,000	1,125,000	0	0	0	1,125,000	1,406,250	0.1111	0.5523	6.14%	93.86%	104,557	6,416	98,141	0.59
DAO Total	19	19	21		\$156,240	5,000	\$1,125,000	0	\$0	\$0	\$1,125,000	\$1,406,250		0.5523			\$104,557	\$6,416	\$98,141	0.59
K-12 / DAO Total	2,694	3,150			\$24,958,560	46,000	\$10,350,000	406,220	\$14,544,702	\$500,000	\$25,394,702	\$31,743,379		0.5523			\$2,362,523	\$432,477	\$1,930,046	11.57

* Additional 10% Reimbursement for *Qualifying Existing Building* also Additional 10% Reimbursement for *Qualifying Leed Certification*. *Qualifying Existing Building* must meet reimbursable minimum cost criteria to receive any or part of the additional 10% Reimbursement.
** Existing Renovation Costs must exceed the "20% Rule" to qualify for Reimbursement of the existing portion of the facility.

INTRODUCTION TO OPTIONS COST SUMMARY

Option Cost Summary

This section of the Feasibility Study is a Cost Summary of all options including Maximum Eligible Reimbursement, Cost for Additions, Renovation Study Cost, Additional Educational Upgrades Cost, Total Project Cost, Annual Total Share, Annual State Share (State Reimbursement), Annual Local Share.

PlanCon "20% Rule"

Existing Renovation Costs must exceed the "20% Rule" to qualify for Reimbursement of the existing portion of the facility.

Based on the provisions of Basic Education Circular (BEC) 24 P.S. 7-733, "School Construction Reimbursement Criteria", if the Adjusted Estimated Alteration costs for a project fall below 20% of the replacement value at the time a project is bid, the alteration work will be non-reimbursable. If the project is not voided and the District still receives reimbursement for any additions, the project building will not be eligible for reimbursement for alterations for the next 20 years unless a request for a variance is approved by the Pennsylvania Department of Education.

Minimum Renovation Costs for PlanCon Reimbursement Eligibility

Table 75 profiles the data for PlanCon Reimbursement Eligibility based on the "20% Rule" as outlined above for the Proposed Options.

TABLE 75	PDE Total Existing Capacity	PDE Replacement Value	PDE 20% Rule Value	Project Renovation Cost	Cost Difference	Reimb. Eligibility Status
Bedford Elementary School	975	\$16,056,300	\$3,211,260	\$1,213,630 All Options	-\$1,997,630	Not Eligible
Hyndman-Londonderry Elementary School	325	\$5,352,100	\$1,070,420	\$2,500,450 All Options	\$1,430,030	Eligible
Bedford Middle School	590	\$12,990,030	\$2,598,006	\$9,158,922 All Options	\$6,560,916	Eligible
Hyndman Middle/Senior H. S.	356	\$7,838,052	\$1,567,610	\$2,795,925 All Options	\$1,228,315	Eligible
Bedford High School	742	\$16,336,614	\$3,267,323	\$1,671,700 Options 1, 2A, 3A	-\$1,595,623	Not Eligible
				\$2,171,700 Options 2B & 3B	-\$1,095,623	Not Eligible

OPTIONS SUMMARY

Summary of Options

Option 1 -- "Status Quo"

Option 1 (K-5, 6-8, 6-12, 9-12)

- Maintain separate Campus sites for all grade groupings.

Option 2 -- "Change Attendance Areas"

Adjust attendance areas for the Hyndman Campus to include Manns Choice Borough and Harrison Township as well as Hyndman Borough and Londonderry Township.

Option 2-A (K-5, 6-8, 6-12, 9-12)

- Maintain separate Campus sites for all grade groupings.

Option 2-B (K-5, 6-8, 9-12)

- Maintain separate Campus sites for Elementary grade groupings.
- Combine Campus sites for grades 6-8 and 9-12 at Bedford Campus.

Option 3 -- "Change Grade Alignment"

Bedford Elementary grade level change to K-4; Relocate grade 5 to Bedford Middle School.

Option 3-A (K-4, 5-8, 9-12; K-5, 6-12)

- Maintain separate Campus sites for all grade groupings.

Option 3-B (K-4, 5-8, 9-12)

- Maintain separate Campus sites for Elementary grade groupings.
- Combine Campus sites for grades 5-8 and 9-12 at Bedford Campus.

OPTION COST SUMMARY**OPTIONS 1-3****PROPOSED OPTIONS****Proposed Mimimum Option Costs for Reimbursement**

	Max. Eligible Reimb.	Constr. Cost for Additions	Renov. Cost	Additional Educ. Upgrades	Total Constr. Cost	Total Project Cost	Aid Ratio	+ Annual State Share	+ Annual Local Share	Millage Equiv.
1	\$23,661,480	\$0	\$7,816,915	\$0	\$7,816,915	\$9,771,144	0.5523	\$328,572	\$398,329	2.39
2-A	\$24,255,000	\$1,507,500	\$7,816,915	\$0	\$9,324,415	\$11,655,519	0.5523	\$352,997	\$514,210	3.08
2-B	\$24,124,560	\$6,412,500	\$6,249,305	\$0	\$12,661,805	\$15,827,256	0.5523	\$302,297	\$875,505	5.25
3-A	\$24,678,240	\$6,750,000	\$7,816,915	\$0	\$14,566,915	\$18,208,644	0.5523	\$415,819	\$939,192	5.63
3-B	\$24,958,560	\$10,350,000	\$6,249,305	\$0	\$16,599,305	\$20,749,131	0.5523	\$385,501	\$1,158,634	6.94




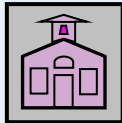
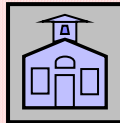
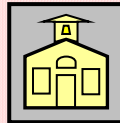
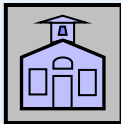



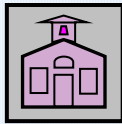
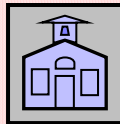
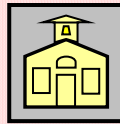
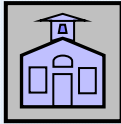




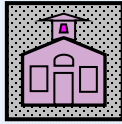






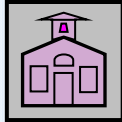

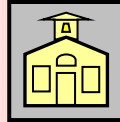
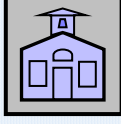




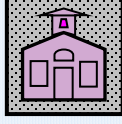
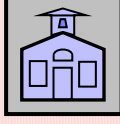
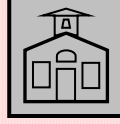
Proposed Option Costs

	Max. Eligible Reimb.	Constr. Cost for Additions	Renov. Cost	Additional Educ. Upgrades	Total Constr. Cost	Total Project Cost	Aid Ratio	+ Annual State Share	+ Annual Local Share	Millage Equiv.
1	\$23,661,480	\$0	\$17,340,627	\$0	\$17,340,627	\$21,675,785	0.5523	\$423,309	\$1,190,018	7.13
2-A	\$24,255,000	\$1,507,500	\$17,340,627	\$0	\$18,848,127	\$23,560,160	0.5523	\$447,721	\$1,305,912	7.83
2-B	\$24,124,560	\$6,412,500	\$14,544,702	\$500,000	\$21,457,202	\$26,821,504	0.5523	\$363,414	\$1,632,775	9.79
3-A	\$24,678,240	\$6,750,000	\$17,340,627	\$0	\$24,090,627	\$30,113,285	0.5523	\$497,473	\$1,743,964	10.45
3-B	\$24,958,560	\$10,350,000	\$14,544,702	\$500,000	\$25,394,702	\$31,743,379	0.5523	\$432,477	\$1,930,046	11.57

SUMMARY OF OPTIONS

OPTIONS 1-3

Options Campus Structure

BEDFORD				HYNDMAN		
OPTION 1 -- STATUS QUO						
1						
	K-5 Maintain w/ Upgrades	6-8 Maintain w/ Upgrades	DAO Remain at HS	9-12 Maintain w/ Upgrades	K-5 Maintain w/ Upgrades	6-8; 9-12 Maintain w/ Upgrades
OPTION 2 -- CHANGE ATTENDANCE AREA						
2-A		 				
	K-5 Maintain w/ Upgrades	6-8 Alterations & Additions	DAO Remain at HS	9-12 Maintain w/ Upgrades	K-5 Maintain w/ Upgrades	6-8; 9-12 Maintain w/ Upgrades
2-B		  				
	K-5 Maintain w/ Upgrades	6-8 Alterations & Additions	DAO New / Addition	9-12 Maintain Convert DAO	K-5 Maintain w/ Upgrades	6-8; 9-12 Close Relocate 6-12
OPTION 3 -- CHANGE GRADE ALIGNMENT						
3-A		 				
	K-4 Maintain w/ Upgrades	5-8 Alterations & Additions	DAO Remain at HS	9-12 Maintain w/ Upgrades	K-5 Maintain w/ Upgrades	6-8; 9-12 Maintain w/ Upgrades
3-B		  				
	K-4 Maintain w/ Upgrades	5-8 Alterations & Additions	DAO New / Addition	9-12 Maintain Convert DAO	K-5 Maintain w/ Upgrades	6-8; 9-12 Close Relocate 6-12

OPTION COSTS**OPTION 1****OPTION 1 -- Status Quo****Proposed Mimimum Option Costs for Reimbursement**

	Max. Eligible Reimb.	Constr. Cost for Additions	Renov. Cost	Additional Educ. Upgrades	Total Constr. Cost	Total Project Cost	+ Annual State Share	+ Annual Local Share	Millage Equiv.
Bedford ES	\$7,551,960	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.00
Hyndman ES	\$2,825,640	\$0	\$1,070,420	\$0	\$1,070,420	\$1,338,025	\$54,987	\$44,573	0.27
K-5 Total	\$10,377,600	\$0	\$1,070,420	\$0	\$1,070,420	\$1,338,025	\$54,987	\$44,573	0.27
Bedford MS 6-8 Total	\$4,699,680	\$0	\$5,178,885	\$0	\$5,178,885	\$6,473,606	\$193,122	\$288,531	1.73
Hyndman MS/HS 6-12 Total	\$2,773,560	\$0	\$1,567,610	\$0	\$1,567,610	\$1,959,513	\$80,463	\$65,225	0.39
Bedford HS 9-12/DAO Total	\$5,810,640	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.00
K-12/DAO Total	\$23,661,480	\$0	\$7,816,915	\$0	\$7,816,915	\$9,771,144	\$328,572	\$398,329	2.39

Proposed Option Costs

	Max. Eligible Reimb.	Constr. Cost for Additions	Renov. Cost	Additional Educ. Upgrades	Total Constr. Cost	Total Project Cost	+ Annual State Share	+ Annual Local Share	Millage Equiv.
Bedford ES	\$7,551,960	\$0	\$1,213,630	\$0	\$1,213,630	\$1,517,038	\$0	\$113,014	0.68
Hyndman ES	\$2,825,640	\$0	\$2,500,450	\$0	\$2,500,450	\$3,125,563	\$116,119	\$116,443	0.70
K-5 Total	\$10,377,600	\$0	\$3,714,080	\$0	\$3,714,080	\$4,642,601	\$116,119	\$229,457	1.38
Bedford MS 6-8 Total	\$4,699,680	\$0	\$9,158,922	\$0	\$9,158,922	\$11,448,653	\$193,126	\$658,704	3.95
Hyndman MS/HS 6-12 Total	\$2,773,560	\$0	\$2,795,925	\$0	\$2,795,925	\$3,494,906	\$114,064	\$146,175	0.88
Bedford HS 9-12/DAO Total	\$5,810,640	\$0	\$1,671,700	\$0	\$1,671,700	\$2,089,625	\$0	\$155,682	0.93
K-12/DAO Total	\$23,661,480	\$0	\$17,340,627	\$0	\$17,340,627	\$21,675,785	\$423,309	\$1,190,018	7.13

OPTION COSTS

OPTION 2-A

OPTION 2-A -- Change Attendance Area

Proposed Minimum Option Costs for Reimbursement

	Max. Eligible Reimb.	Constr. Cost for Additions	Renov. Cost	Additional Educ. Upgrades	Total Constr. Cost	Total Project Cost	+ Annual State Share	+ Annual Local Share	Millage Equiv.
Bedford ES	\$7,551,960	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.00
Hyndman ES	\$2,825,640	\$0	\$1,070,420	\$0	\$1,070,420	\$1,338,025	\$54,987	\$44,573	0.27
K-5 Total	\$10,377,600	\$0	\$1,070,420	\$0	\$1,070,420	\$1,338,025	\$54,987	\$44,573	0.27
Bedford MS 6-8 Total	\$5,293,200	\$1,507,500	\$5,178,885	\$0	\$6,686,385	\$8,357,981	\$217,547	\$404,412	2.42
Hyndman MS/HS 6-12 Total	\$2,773,560	\$0	\$1,567,610	\$0	\$1,567,610	\$1,959,513	\$80,463	\$65,225	0.39
Bedford HS 9-12/DAO Total	\$5,810,640	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.00
K-12/DAO Total	\$24,255,000	\$1,507,500	\$7,816,915	\$0	\$9,324,415	\$11,655,519	\$352,997	\$514,210	3.08

Proposed Option Costs

	Max. Eligible Reimb.	Constr. Cost for Additions	Renov. Cost	Additional Educ. Upgrades	Total Constr. Cost	Total Project Cost	+ Annual State Share	+ Annual Local Share	Millage Equiv.
Bedford ES	\$7,551,960	\$0	\$1,213,630	\$0	\$1,213,630	\$1,517,038	\$0	\$113,014	0.68
Hyndman ES	\$2,825,640	\$0	\$2,500,450	\$0	\$2,500,450	\$3,125,563	\$116,119	\$116,443	0.70
K-5 Total	\$10,377,600	\$0	\$3,714,080	\$0	\$3,714,080	\$4,642,601	\$116,119	\$229,457	1.38
Bedford MS 6-8 Total	\$5,293,200	\$1,507,500	\$9,158,922	\$0	\$10,666,422	\$13,333,028	\$217,538	\$774,598	4.64
Hyndman MS/HS 6-12 Total	\$2,773,560	\$0	\$2,795,925	\$0	\$2,795,925	\$3,494,906	\$114,064	\$146,175	0.88
Bedford HS 9-12/DAO Total	\$5,810,640	\$0	\$1,671,700	\$0	\$1,671,700	\$2,089,625	\$0	\$155,682	0.93
K-12/DAO Total	\$24,255,000	\$1,507,500	\$17,340,627	\$0	\$18,848,127	\$23,560,160	\$447,721	\$1,305,912	7.83

OPTION COSTS

OPTION 2-B

OPTION 2-B -- Change Attendance Area

Proposed Minimum Option Costs for Reimbursement

	Max. Eligible Reimb.	Constr. Cost for Additions	Renov. Cost	Additional Educ. Upgrades	Total Constr. Cost	Total Project Cost	+ Annual State Share	+ Annual Local Share	Millage Equiv.
Bedford ES	\$7,551,960	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.00
Hyndman ES	\$2,825,640	\$0	\$1,070,420	\$0	\$1,070,420	\$1,338,025	\$54,987	\$44,573	0.27
K-5 Total	\$10,377,600	\$0	\$1,070,420	\$0	\$1,070,420	\$1,338,025	\$54,987	\$44,573	0.27
Bedford MS 6-8 Total	\$5,860,560	\$5,287,500	\$5,178,885	\$0	\$10,466,385	\$13,082,981	\$240,894	\$732,791	4.39
Hyndman MS/HS 6-12 Total	CLOSE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.00
Bedford HS 9-12 Total	\$7,730,160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.00
DAO Total	\$156,240	\$1,125,000	\$0	\$0	\$1,125,000	\$1,406,250	\$6,416	\$98,141	0.59
K-12/DAO Total	\$24,124,560	\$6,412,500	\$6,249,305	\$0	\$12,661,805	\$15,827,256	\$302,297	\$875,505	5.25

Proposed Option Costs

	Max. Eligible Reimb.	Constr. Cost for Additions	Renov. Cost	Additional Educ. Upgrades	Total Constr. Cost	Total Project Cost	+ Annual State Share	+ Annual Local Share	Millage Equiv.
Bedford ES	\$7,551,960	\$0	\$1,213,630	\$0	\$1,213,630	\$1,517,038	\$0	\$113,014	0.68
Hyndman ES	\$2,825,640	\$0	\$2,500,450	\$0	\$2,500,450	\$3,125,563	\$116,119	\$116,443	0.70
K-5 Total	\$10,377,600	\$0	\$3,714,080	\$0	\$3,714,080	\$4,642,601	\$116,119	\$229,457	1.38
Bedford MS 6-8 Total	\$5,860,560	\$5,287,500	\$9,158,922	\$0	\$14,446,422	\$18,058,028	\$240,879	\$1,102,983	6.61
Hyndman MS/HS 6-12 Total	CLOSE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.00
Bedford HS 9-12 Total	\$7,730,160	\$0	\$1,671,700	\$500,000	\$2,171,700	\$2,714,625	\$0	\$202,194	1.21
DAO Total	\$156,240	\$1,125,000	\$0	\$0	\$1,125,000	\$1,406,250	\$6,416	\$98,141	0.59
K-12/DAO Total	\$24,124,560	\$6,412,500	\$14,544,702	\$500,000	\$21,457,202	\$26,821,504	\$363,414	\$1,632,775	9.79

OPTION COSTS

OPTION 3-A

OPTION 3-A -- Change Grade Alignment

Proposed Mimimum Option Costs for Reimbursement

	Max. Eligible Reimb.	Constr. Cost for Additions	Renov. Cost	Additional Educ. Upgrades	Total Constr. Cost	Total Project Cost	+ Annual State Share	+ Annual Local Share	Millage Equiv.
K-4 Bedford ES	\$6,705,960	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.00
K-5 Hyndman ES	\$2,481,600	\$0	\$1,070,420	\$0	\$1,070,420	\$1,338,025	\$54,987	\$44,573	0.27
K-4 / K-5 Total	\$9,187,560	\$0	\$1,070,420	\$0	\$1,070,420	\$1,338,025	\$54,987	\$44,573	0.27
Bedford MS 5-8 Total	\$6,820,800	\$6,750,000	\$5,178,885	\$0	\$11,928,885	\$14,911,106	\$280,369	\$829,394	4.97
Hyndman MS/HS 6-12 Total	\$2,799,720	\$0	\$1,567,610	\$0	\$1,567,610	\$1,959,513	\$80,463	\$65,225	0.39
Bedford HS 9-12/DAO Total	\$5,870,160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.00
K-12/DAO Total	\$24,678,240	\$6,750,000	\$7,816,915	\$0	\$14,566,915	\$18,208,644	\$415,819	\$939,192	5.63

Proposed Option Costs

	Max. Eligible Reimb.	Constr. Cost for Additions	Renov. Cost	Additional Educ. Upgrades	Total Constr. Cost	Total Project Cost	+ Annual State Share	+ Annual Local Share	Millage Equiv.
K-4 Bedford ES	\$6,705,960	\$0	\$1,213,630	\$0	\$1,213,630	\$1,517,038	\$0	\$113,014	0.68
K-5 Hyndman ES	\$2,481,600	\$0	\$2,500,450	\$0	\$2,500,450	\$3,125,563	\$101,981	\$130,581	0.78
K-4 / K-5 Total	\$9,187,560	\$0	\$3,714,080	\$0	\$3,714,080	\$4,642,601	\$101,981	\$243,595	1.46
Bedford MS 5-8 Total	\$6,820,800	\$6,750,000	\$9,158,922	\$0	\$15,908,922	\$19,886,153	\$280,352	\$1,199,588	7.19
Hyndman MS/HS 6-12 Total	\$2,799,720	\$0	\$2,795,925	\$0	\$2,795,925	\$3,494,906	\$115,140	\$145,099	0.87
Bedford HS 9-12/DAO Total	\$5,870,160	\$0	\$1,671,700	\$0	\$1,671,700	\$2,089,625	\$0	\$155,682	0.93
K-12/DAO Total	\$24,678,240	\$6,750,000	\$17,340,627	\$0	\$24,090,627	\$30,113,285	\$497,473	\$1,743,964	10.45

OPTION COSTS

OPTION 3-B

OPTION 3-B -- Change Grade Alignment

Proposed Mimimum Option Costs for Reimbursement

	Max. Eligible Reimb.	Constr. Cost for Additions	Renov. Cost	Additional Educ. Upgrades	Total Constr. Cost	Total Project Cost	+ Annual State Share	+ Annual Local Share	Millage Equiv.
K-4 Bedford ES	\$6,705,960	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.00
K-5 Hyndman ES	\$2,481,600	\$0	\$1,070,420	\$0	\$1,070,420	\$1,338,025	\$54,987	\$44,573	0.27
K-4 / K-5 Total	\$9,187,560	\$0	\$1,070,420	\$0	\$1,070,420	\$1,338,025	\$54,987	\$44,573	0.27
Bedford MS 5-8 Total	\$7,884,600	\$9,225,000	\$5,178,885	\$0	\$14,403,885	\$18,004,856	\$324,098	\$1,015,920	6.09
Hyndman MS/HS	CLOSE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.00
Bedford HS 9-12 Total	\$7,730,160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.00
DAO Total	\$156,240	\$1,125,000	\$0	\$0	\$1,125,000	\$1,406,250	\$6,416	\$98,141	0.59
K-12/DAO Total	\$24,958,560	\$10,350,000	\$6,249,305	\$0	\$16,599,305	\$20,749,131	\$385,501	\$1,158,634	6.94

Proposed Option Costs

	Max. Eligible Reimb.	Constr. Cost for Additions	Renov. Cost	Additional Educ. Upgrades	Total Constr. Cost	Total Project Cost	+ Annual State Share	+ Annual Local Share	Millage Equiv.
K-4 Bedford ES	\$6,705,960	\$0	\$1,213,630	\$0	\$1,213,630	\$1,517,038	\$0	\$113,014	0.68
K-5 Hyndman ES	\$2,481,600	\$0	\$2,500,450	\$0	\$2,500,450	\$3,125,563	\$101,981	\$130,581	0.78
K-5 Total	\$9,187,560	\$0	\$3,714,080	\$0	\$3,714,080	\$4,642,601	\$101,981	\$243,595	1.46
Bedford MS 5-8 Total	\$7,884,600	\$9,225,000	\$9,158,922	\$0	\$18,383,922	\$22,979,903	\$324,080	\$1,386,116	8.31
Hyndman MS/HS	CLOSE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0.00
Bedford HS 9-12 Total	\$7,730,160	\$0	\$1,671,700	\$500,000	\$2,171,700	\$2,714,625	\$0	\$202,194	1.21
DAO Total	\$156,240	\$1,125,000	\$0	\$0	\$1,125,000	\$1,406,250	\$6,416	\$98,141	0.59
K-12/DAO Total	\$24,958,560	\$10,350,000	\$14,544,702	\$500,000	\$25,394,702	\$31,743,379	\$432,477	\$1,930,046	11.57

EXECUTIVE SUMMARY

FINDINGS

1. Bedford Elementary

- Newest Facility also Facility that is most overcrowded.
- Current Student Enrollment has surpassed Current Building Capacity.

2. Bedford Middle School

- Facility most in need of Upgrades.

3. Projected Student Enrollment

- Relatively Stable.
- Projections show a shift to a higher number of students attending the Bedford Campus than the Hyndman Campus.

DISCUSSION ISSUES

1. Elementary School Size

- How large does the District want for an Elementary School?

2. Two High School Programs

- Advantages / Disadvantages of maintaining two High School programs.

3. Change Grade Level Alignment

- Advantages / Disadvantages of moving Fifth Grade to the Middle School.

SOLUTIONS

1. Change Grade Level Alignment

- Move Fifth Grade to Middle School
- K-4 Elementary School; 5-8 Middle School.

2. Change Attendance Area

- Adjust attendance areas for the Hyndman Campus to include Manns Choice Borough and Harrison Township as well as Hyndman Borough and Londonderry Township.
- Help to alleviate overcrowding at Bedford Elementary.






3. Consolidate Secondary Program

- Combine Campus sites for grades 6-8 and 9-12 at Bedford Campus.





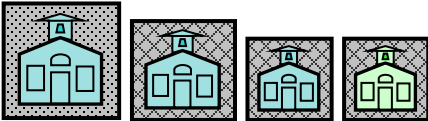
EXECUTIVE SUMMARY

Bedford Middle School -- PDE Maximum Eligible Reimbursement

Grades 6-8 -- Alterations & Additions to Bedford Middle School

PDE Maximum Eligible Reimbursement				
$\$5,293,200 + \$567,360 + \$156,240 = \$6,016,800$				
				
Bedford Middle School Grades 6-8	Hyndman Middle School Grades 6-8	Hyndman Middle School Grades 6-8	District Administration Offices	Option 2-B

Grades 5-8 -- Alterations & Additions to Bedford Middle School

PDE Maximum Eligible Reimbursement				
$\$6,820,800 + \$1,063,800 + \$156,240 = \$8,040,840$				
				
Bedford Middle School Grades 5-8	Hyndman Middle School Grades 6-8	Hyndman Middle School Grades 6-8	District Administration Offices	Option 3-B

DEFINITIONS

The following section is included in this report to present the reader with the terminology used in this Study.

Adjusted Capacity - The adjusted capacity reflects usage of a building in compliance with Pennsylvania Department of Education (PDE) guidelines. These guidelines include individual classroom spaces for all PDE recommended educational subjects, including art, music, and special education programs; and, occupancy use of all support services and programs per recommended minimum square footage.

Architectural Area - The sum of the areas of all floors, including basements, mezzanines, and penthouses, with a 6 ft. 6 in. minimum head room height. The area is measured from the exterior faces of the exterior walls. The area of open roofed-over paved areas and covered walkways is also included, but multiplied by a factor of 0.50. The area does not include roof overhangs, pipe trenches, exterior steps, or terraces.

Building Replacement Value - This value pertains to alteration work for an existing building. A project is only eligible for state reimbursement when the total alteration costs are greater than 20% of the replacement value for the building. The value is determined by following calculations of the PDE formula. (A capacity value or full-time equivalent (FTE) value is calculated for an existing building. The FTE is then multiplied by the PDE recommended square feet per student. This value, the recommended architectural area, is then multiplied by a construction cost per square foot factor to equal the building replacement value.)

CARF - Capital Account Reimbursement Fraction as determined by the Pennsylvania Department of Education.

Classroom Equivalent - An 800 sq. ft. space which can be subdivided into small group instructional areas for special support programs or be considered as a classroom.

Cohort Survival - A population projection method based upon historic data averages and multiplied by a retention ratio to determine future projections.

DEFINITIONS

Current Capacity - The capacity reflects the current usage of spaces in a building. Room capacities are given to specific instructional spaces as determined, but may not be the original capacity when the school was constructed, or meet PDE guidelines for square footage. The capacity represents the PDE designated number of students that will occupy a space (regardless of the actual number of students that will occupy a space). The sum of all individual room capacities will equal the total building capacity.

Enrollment - The number of students that make up the student population in a school for the current year. Enrollment data is supplied for each grade level. The building enrollment includes only the student population in the grade levels which are to be housed by the building.

Enrollment Projections - Enrollment projections are calculated and supplied by the school district. The projections span from a current given year, to either five or ten years into the future for each grade level. The district enrollment projection model uses resident live birth data and grade progression rates determined by enrollment patterns from the most recent five years for grades 2 to 12. Retention rates for kindergarten and first grade are determined from births five and six years earlier, respectively. These ten-year projections are used to determine an increase or decline in the student population for each grade level. This data can be used to determine a need for more classroom space in the future.

LEED® - The Leadership in Energy and Environmental Design (LEED) Green Building Rating System™ encourages and accelerates global adoption of sustainable green building and development practices through the creation and implementation of universally understood and accepted tools and performance criteria. LEED certification provides independent, third-party verification that a building project meets the highest green building and performance measures.

PlanCon - When a school district undertakes a major construction project and seeks reimbursement from the Commonwealth, a process known as PlanCon is initiated. PlanCon, an acronym for Planning and Construction Workbook, is a set of forms and procedures used to apply for Commonwealth reimbursement. The PlanCon forms are designed to: (1) document a local school district's planning process; (2) provide justification for a project to the public; (3) ascertain compliance with state laws and regulations; and (4) establish the level of State participation in the cost of the project.

Rated Pupil Capacity (RPC) - The figure used to determine amount of reimbursement. RPC is determined by multiplying the Full Time Equivalent (FTE) by the RPC factor.

DEFINITIONS

Reimbursement - For school construction projects, it is based on the capacity of a building that can be justified by current or projected student enrollment and is based on the Rated Pupil Capacity (RPC) of a building.

Retention Ratio - A ratio of the difference between a past year population and a present year population for a given progressing grade.

Scheduled Area - The sum of areas of instructional spaces which accommodate direct student instruction, such as classrooms, laboratories, student project or activity rooms, seminar rooms, shops, band and choral rooms, and physical education stations. General use areas are also included, such as libraries, locker rooms, team rooms, instructors' offices, multipurpose rooms, auditorium, stage, cafeteria and kitchen areas, health suites, faculty rooms, and administration suites. However, service and general storage areas, toilet rooms, custodial rooms, maintenance and utility areas, and circulation are not included.

Total Project Cost - The sum of areas of instructional spaces which accommodate direct student instruction, such as classrooms, laboratories, student project or activity rooms, seminar rooms, shops, band and choral rooms, and physical education stations. General use areas are also included, such as libraries, locker rooms, team rooms, instructors' offices, multipurpose rooms, auditorium, stage, cafeteria and kitchen areas, health suites, faculty rooms, and administration suites. However, service and general storage areas, toilet rooms, custodial rooms, maintenance and utility areas, and circulation are not included.

INFORMATION UTILIZED IN THE STUDY

District Aid Ratio - 0.5523

Value of a Mil - \$166,840

DESIGN GUIDELINES FOR NEW CONSTRUCTION

	S.F. Per Student	Cost per S.F. New Construction
Elementary School	125 s.f.	\$200 / s.f. construction cost for additions
Middle School	150 s.f.	\$225 / s.f. construction cost for additions
High School	175 s.f.	\$225 / s.f. construction cost for additions

DESIGN GUIDELINES FOR RENOVATION

Educational Upgrade	See Part II Facilities
Renovation	See Part II Facilities

**Site Acquisition or State Reimbursement on Site Acquisition
– Not included in Total Construction Cost**

**Total Project Costs Include:
25% of construction cost for the following construction-related costs.**

Movable Fixtures and Equipment	Architect/Engineering Fees
Project Contingency	Financing Cost
Construction-Related Costs	Project Supervision

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Judy Eller, Director of Information and Communication Technology

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Kevin Windows, Bedford Middle School Principal
Dr. Dan Webb, Bedford High School Principal
Paul Ruhlman, Hyndman Campus Principal

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Mark Barnhardt has been with EI Associates for over 20 years. Over this period of time, Mark has developed a specialized interest in the design of educational facilities. He has managed and designed over a half billion dollars of school construction projects.

REGISTRATIONS

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Central Pennsylvania Society of Architects

AIA Committee of Educational Architecture

Council of Educational Facility Planners

US Green Building Council

Green Building Council of Central PA

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NOTES
