

Massachusetts School Building Authority

School District Dudley-Charlton Reg

District Contact Sean Gilrein TEL: (508) 943-6888

Name of School Shepherd Hill Reg High

Submission Date 11/6/2009

Note

The following Priorities have been included in the Statement of Interest:

1. Replacement or renovation of a building which is structurally unsound or otherwise in a condition seriously jeopardizing the health and safety of school children, where no alternative exists.
2. Elimination of existing severe overcrowding.
3. Prevention of the loss of accreditation.
4. Prevention of severe overcrowding expected to result from increased enrollments.
5. Replacement, renovation or modernization of school facility systems, such as roofs, windows, boilers, heating and ventilation systems, to increase energy conservation and decrease energy related costs in a school facility.
6. Short term enrollment growth.
7. Replacement of or addition to obsolete buildings in order to provide for a full range of programs consistent with state and approved local requirements.
8. Transition from court-ordered and approved racial balance school districts to walk-to, so-called, or other school districts.

Potential Project Scope: Renovation/ Addition

Is this SOI the District Priority SOI? NO

The MSBA ID for the District Priority SOI: 2010 Charlton Elementary

District Goal for School: Please explain the educational goals of any potential project at this school

The Dudley-Charlton Regional School District is committed to providing every student with a comprehensive, student-centered and developmentally appropriate instructional program. In an effort to fulfill this goal it is essential that our school buildings permit students and staff the ability to learn and teach in a safe and suitable environment that has sufficient square footage in order to implement the academic programs necessary for 21st century learning. The goal of the district is to have new or renovated schools that address state standards for teaching and learning. We seek to require high performance designs that will accommodate programmatic change while maintaining our commitment to utilizing the buildings as community centers. Throughout the past 36 years, the district has worked hard to maintain the integrity of the building through an aggressive investment in capital and maintenance efforts. The 36-year-old building has significant deficiencies in all of the mechanicals, H/VAC systems, restroom and classroom facilities, office and conference spaces, cafeteria and fire suppression. Shepherd Hill Regional High School is dedicated to provide challenging course offerings for our wide range of students. Due to limitations in both classroom size and classroom numbers, Shepherd Hill is challenged with regular education and special education offerings in pre-vocational and life skills content, and also in technology and lab science classes.

District's Proposed Schedule: What is the District's proposed schedule to achieve the goal(s) stated above?

It is the intention of the District, once the project has been voted into the capital pipeline to secure the necessary funding and

subsequent votes of our committee to move the project to schematic design. Based upon the decision and recommendation of the MSBA, the district would pursue the provisions of Massachusetts General Laws, Chapter 71, Section 16; as well as the explicit requirements of the district agreement.

Is this part of a larger facilities plan? NO

If "YES", please provide the following:

Facilities Plan Date:

Planning Firm:

Please provide an overview of the plan including as much detail as necessary to describe the plan, its goals and how the school facility that is the subject of this SOI fits into that plan:

Please provide the current student to teacher ratios at the school facility that is the subject of this SOI: 16 students per teacher.

Please provide the originally planned student to teacher ratios at the school facility that is the subject of this SOI: 16 students per teacher.

Is there overcrowding at the school facility? YES

If "YES", please describe in detail, including specific examples of the overcrowding.

The present school enrollment of 1,218 students warrants total gross square footage of approximately 234,950 square feet per MSBA standards; presently there are 192,247 gross square feet. Four lunch periods are needed to accommodate the 1,218 students. Core classrooms contain between 590-775 square feet compared to the recommended 950 square feet. Science laboratories contain between 900-1,055 square feet compared to recommended 1,200 sq. ft. Innovative special education programs have been difficult to implement due to classroom availability and inadequate space.

Has the district had any recent teacher layoffs or reductions NO

If "YES", how many teaching positions were affected? 0

At which schools in the district?

Please describe the types of teacher positions that were eliminated(i.e art, math, science, physical education, etc.):

Has the district had any recent staff layoffs or reductions NO

If "YES", how many staff positions were affected? 0

At which schools in the district?

Please describe the types of staff positions that were eliminated(i.e guidance, administrative, maintenance, etc.):

Please provide a description of the program modifications as a consequence of these teacher and/or staff reductions,including the impact on district class sizes and curriculum.

Does Not Apply

Please provide a detailed description of your recent budget approval process including a description of any budget reductionsand the impact of those reductions on te District's school facilities, class sizes and educational program.

For FY 2010, the District requested minimum local contributions required by the Education Reform Act of 1993. Assessments were approved unanimously at annual meetings. District committed substantial reserves, allowing retention of all employees, improved technology, and continued capital improvement program. November-December 2008. Principals, Special Needs Director and staff discussed budget parameters and school goals. Principals prioritized proposals which were reviewed by Finance Director and presented for Superintendent's consideration. Town administrators/Finance Committees discussed financial outlook. January 2009. Superintendent presents proposed budget. February 2009. Revenue shortfall discussed among local legislators, school and town officials. March 2009. Budget presented in Public Hearing. School Committee cut proposed budget to reflect level funded state aid and assessed towns the absolute minimums required by law. To balance budget, District committed \$914,946 of reserves for general operations and most of Circuit Breaker state aid to FY 2010, leaving little for the next year. Additional cuts in the FY 2010 Budget included: Health Insurance: \$229,234. No projected rate increases to self-funded plans. Salaries: \$524,823. No cost of living raises for teachers and administrators. Position change: \$23,400. Proposed

teacher position reduced to an assistant, raising the Kindergarten average class size from 19 to 22. Technology: \$28,000. 10-year-old computers were not replaced in high school lab. Photocopiers: \$12,500. 4-year-old frequently repaired photocopier with 1,400,000 copies not replaced. Supplies: \$8,500. Instructional supplies were reduced to FY 2000 levels on a per pupil basis. April 2009. School representatives met with both finance committees. May 2009. Towns unanimously approve District's assessments. June 2009. Legislature passed and the governor signed state budget which reduced aid to District.

General Description

BRIEF BUILDING HISTORY: Please provide a detailed description of when the original building was built, and the date(s) and project scopes(s) of any additions and renovations (maximum of 5000 characters):

Shepherd Hill Regional High School was the first product of the Dudley-Charlton Regional School District, which was formed in 1970 to solve overcrowding in Charlton and to provide Dudley students with their own high school. Prior to the opening of Shepherd Hill, Dudley students attended high school at either nearby Bartlett High School in Webster or Woodstock Academy in Connecticut.

From 1973-2000, students in grades 7-12 attended Shepherd Hill. The seventh and eighth graders were contained on the first floor of the school, with classrooms and labs that were built for younger students. Enrollment reached 1550 forcing school officials to begin efforts to site two middle schools, one in each of our sending towns. Current enrollment in grades 9-12 is 1,218.

TOTAL BUILDING SQUARE FOOTAGE: Please provide the original building square footage PLUS the square footage of any additions.:

192247

SITE DESCRIPTION: Please provide a detailed description of the current site and any known existing conditions that would impact a potential project at the site (maximum of 5000 characters):

An addition to the current facility could be accomplished with a design which was considered with the original layout of the building with either a fourth floor addition to the academic building or a connecting addition on the north side of the academic building.

BUILDING ENCLOSURE: Please provide a detailed description of the building enclosure, types of construction materials used, and any known problems or existing conditions (maximum of 5000 characters):

The building is of block design with a brick facade and slab foundation.

Age of EXTERIOR WALLS (In Years): 6

Year of Last Repair or Replacement: 2003

Description of Last Repair or Replacement:

A section of the auditorium concrete blocked west wall was waterproofed, pointed and caulked.

Age of ROOF(In Years): 15

Year of Last Repair or Replacement: 1994

Type Of ROOF membrane

Description of Last Repair or Replacement:

Total roof replacement including membrane, drains, insulation and copper facing.

Age of WINDOWS(In Years): 36

Year of Last Repair or Replacement: 1973

Type Of WINDOWS single pane sliders

Description of Last Repair or Replacement:

not applicable

MECHANICAL and ELECTRICAL SYSTEMS: Please provide a detailed description of the current mechanical and electrical systems, and any known problems or existing conditions (maximum of 5000 characters):

3-phase electrical system; Federal Pacific circuit breakers are obsolete and difficult to replace; new electrical panels were replaced in both gyms (1998) and the auditorium (2006)

Age of BOILERS(In Years): 36

Year of Last Repair or Replacement: 2002

Description of Last Repair or Replacement:

Repair/retubing of both boilers.

Age of HVAC SYSTEM (In Years): 36

Year of Last Repair or Replacement: 1973

Description of Last Repair or Replacement:

not applicable

Age of ELECTRICAL SERVICES AND DISTRIBUTION SYSTEM(In Years): 36

Year of Last Repair or Replacement: 1973

Description of Last Repair or Replacement:

Electrical Services and Distribution system are original to the building.

BUILDING INTERIOR: Please provide a detailed description of the current building interior including a description of the flooring systems, finishes, ceilings, lighting, etc. (maximum of 5000 characters):

Non-structural block interior with tile floor on concrete slab; all classrooms, library and cafeteria have 2 x 4 drop ceilings; connecting corridors, locker rooms are concrete slabs mesh cement with crawl space; lighting is 32 watt, 2-bulb fluorescent.

PROGRAMS and OPERATIONS: Please provide a detailed description of the current programs offered and indicate whether there are program components that cannot be offered due to facility constraints, operational constraints, etc.:

Special education programs and services especially with the STRIVES program, have been compromised especially with occupational therapy, speech therapy, and physical therapy due to inadequate room for an increasing number of students. Adaptive PE, pre-vocational and life skills have also been compromised.

CORE EDUCATIONAL SPACES: Please provide a detailed description of the Core Educational Spaces within the facility, a description the number and sizes (in square feet) of classrooms, a description of science rooms/labs including ages and most recent updates, and a description of the media center/library (maximum of 5000 characters):

The core educational spaces within Shepherd Hill have been reduced due to classroom conversions for special education accommodations, (building built prior to Chapter 766) computer labs, etc. The total general education classrooms in the building originally numbered 77. That number has now been reduced to 68. Core classrooms contain between 590 and 775 sq. ft. (today's standard call for 950 sq. ft.) Science laboratories contain between 900-1,055 sq. ft. (today's standards call for 1,200 sq. ft.) Three of the nine science labs were repaired/updated to address natural gas emergency shut off concerns, equipment deficiencies and lab table replacements in 1998. The John F. Canavan Library and media center was refurbished with furniture, new rugs, and blinds. Books and software were purchased as a gift from Commerce Insurance Co. in 1995. Upgraded lighting and electronic cataloging were completed in 2004; auditorium lighting and panel board which posed serious safety concerns were replaced in 2007; replacement of all lighting in cafeteria, school library and media center and gymnasium, 2007; replacement of a 15,000 gallon underground fuel storage tank, 2006; energy savings with the replacement of a walk-in freezer and refrigerator, 2006; air exchange enhancement monitor in the gymnasium partially funded by energy grant was replaced, 2004.

CAPACITY and UTILIZATION: Please provide a detailed description of the current capacity and utilization of the school facility. If the school is overcrowded, please describe steps taken by the administration to address capacity issues. Please also describe in detail any spaces that have been converted from their intended use to be used as classroom space (maximum of 5000 characters):

Due to a school enrollment of 1,218 students, the necessity for four lunch periods has driven the school schedule for the past several years. Performing arts, school assemblies and athletic events have been compromised due to limited seating capacities in both the auditorium and gymnasium. Storage closets throughout the building have been converted into conference rooms,

teacher prep rooms and independent study rooms. Some classrooms are being used for district and school storage space.

MAINTENANCE and CAPITAL REPAIR: Please provide a detailed description of the district's current maintenance practices, its capital repair program, and the maintenance program in place at the facility that is the subject of this SOI. Please include specific examples of capital repair projects undertaken in the past, including if any override or debt exclusion votes were necessary (maximum of 5000 characters).:

Although the Dudley-Charlton Regional School District has not recently employed override or debt exclusion options, there has been the need to involve itself with a rigorous capital repair undertaking, which has addressed a number of safety issues. Presently, an approximate \$125,000 "makeover" in the gym has addressed a number of safety and ADA issues, with flooring, bleachers, backboards and rims. Recent capital repair investments include:

\$25,000 for intercom/paging repairs and upgrades - 2008;

in excess of \$100,000 for replacement of auditorium lighting and panel board, which posed serious safety concerns - 2007; replacement of all lighting in cafeteria, school library and media center and gym - 2007; replacement of a 15,000 gallon underground fuel storage tank in 2006; energy savings with the replacement of the kitchen's walk-in freezer and refrigerator - 2006;

air exchange enhancement monitor in the gymnasium partially funded by energy grant was replaced - 2004; two exhaust fans installed in the kitchen - 2003;

retubing both boilers -2002; replaced 1,200 gallon PYI hot water tank with four stainless steel indirect hot water tanks - 2002; substantial expenditure to repair the outdoor tennis and basketball courts as well as fencing on the east and south ends of the courts/fields - 2005;

upgrade to three science labs to address natural gas emergency shut off concerns and equipment deficiencies - 1998; and total roof replacement amounting to \$900,000 debt exclusion - 1994

Priority 2***Please describe the existing conditions that constitute severe overcrowding.***

Shepherd Hill Regional High School was designed in the early 1970s using criteria established for the education requirements of that time. Since that time educational needs have been established that have replaced original configurations of classrooms.

Instructional and non-instructional space has been reapportioned for the following uses: Special needs instruction and services, computer laboratories, administrative technology needs, ELL services. The Library and Media Center has facilitated directed study halls for as many as 35 students in a single period and 200 students per day.

- Lack of space is a significant issue facing Shepherd Hill. Most classrooms are too small by today's educational standards, some as much as 30% to 40% smaller.
- The present school enrollment of just over 1,200 students warrants total gross square footage for students of approximately 223,000 sq. ft. per MSBA standards; the conservative, projected enrollment in two years will exceed 1,300 students bringing the needs according to the space standards contained in 963 CMR 2.00 and in the MSBA Educational Program Space Standards and guidelines to approximately 240,500 sq. ft., or a full 25% beyond our present 192,247 gross square feet. The recommended gross square feet per student of 185 will be compromised to 148.
- The school was built with 77 classrooms. With the inclusion of special education, computer labs, etc., the number of classrooms for general education classes has been reduced to 68. The average core classroom contains between 590-775 sq. ft. Today's standards demand 950 sq. ft.). Science laboratories contain between 900-1,055 sq. ft., far below the current standard of 1,200 sq. ft.
- Innovative special education programs have been difficult to implement due to a lack of classrooms availability and inadequate space.
- Physical education classes are too large for gyms and available lockers. There are not enough fields or gyms for athletics. Off campus facilities necessitate the busing of student athletes.
- The class schedule was modified to accommodate four lunches.
- Population and Enrollment – 10-year History: Shepherd Hill Regional High School based on October 1st enrollment grades 9-12: The 1996-2006, grades 9-12 historic growth increased by 404 pupils, or 5.04% per year. The projected growth over the next two years shows 122 additional students (1,327) or a continued annual growth rate of 5.06%.
- The above projected figures are based on current enrollment in the system and do not account for any new growth. The towns of Dudley and Charlton have issued over 750 building permits during the past five years, with additional single-family home subdivision projects in the preliminary or definitive design and application stage.

Priority 2

Please describe the measures the School District has taken to mitigate the problem(s) described above.

Shepherd Hill opened its doors in 1973 to students in grades 7-12, and remained as an unofficial junior-senior high school through the 1999-2000 school year. In the fall of 2000, the district opened two middle schools for grades 5-8 in Dudley and Charlton. In 1999, Shepherd Hill's enrollment exceeded 1,600 students. With the opening of the middle schools, Shepherd Hill became a grades 9-12 high school, and reduced its enrollment by 623 students. As of October 1, 2006, Dudley Middle School has an enrollment of 579 students, and the Charlton Middle School houses 802 students.

Approximately 10 acres on the Shepherd Hill/Dudley Middle School campus have been identified for possible outdoor expansion. The original building specifications allowed for the possible, future expansion to a fourth floor.

Priority 2

Please provide a detailed explanation of the impact of the problem described in this priority on your district's educational program. Please include specific examples of how the problem prevents the district from delivering the educational program it is required to deliver and how students and/or teachers are directly affected by the problem identified.

Although the Dudley-Charlton Regional School District has provided appropriate financial attention to maintenance and maintenance repairs throughout its 36-year history, Shepherd Hill Regional High School needs attention to allow adequate and updated space to provide 21st century facilitation. Efforts are being made to expand graduation credit requirements and provide a more rigorous requirement. Specifically, a MassCore-like offering would increase credit requirements in math, lab sciences and foreign language. Each of these disciplines will require more classroom space, advanced technology and equipment. The 36-year-old school building hinders the ability to provide appropriate educational opportunities in science and technology due to the challenges of its infrastructure. In addition, special education programs and general education programs are restricted due to inadequate space or the expansion of life skills and pre-vocational offerings/services.

Please also provide the following:

Cafeteria Seating Capacity: 400

Number of lunch seatings per day: 4

Are modular units currently present on-site and being used for classroom space?: NO

If "YES", indicate the number of years that the modular units have been in use:

Number of Modular Units:

Classroom count in Modular Units:

Seating Capacity of Modular classrooms:

What was the original anticipated useful life in years of the modular units when they were installed?:

Have non-traditional classroom spaces been converted to be used for classroom space?: YES

If "YES", indicate the number of non-traditional classroom spaces in use: 3

Please provide a description of each non-traditional classroom space, its originally-intended use and how it is currently used:

An approximate 24-30 ft. area in the library/media center has been utilized in a number of capacities over the past dozen years; i.e. computer labs, writing labs, testing area and resource center. In addition, the auditorium is used substantially as a classroom for band, choral groups and drama. The former industrial arts area now serves in mutual capacities, including technology, business, district offices, storage, etc.

Please explain any recent changes to the district's educational program, school assignment policies, grade configurations, class size policy, school closures, changes in administrative space, or any other changes that impact the district's enrollment capacity (maximum of 5000 characters):

The former Dudley Elementary School (grades 2-6) was closed following renovations and additions to the Mason Road School (PK-1), and Dudley Intermediate School (grades 2-4) and the opening of middle schools housing students in grades 5-8 in each town in 2000. Until that time, Shepherd Hill was a grade 7-12 high school.

What are the district's current class size policies?:

The district does not have a class size policy.

Has the district closed, taken off-line, or converted to another, non-school use, any school facilities within the last 10 years?: YES

If "YES", please provide the name and address of any such school facility and provide a description of the reasons for removing the school from service.:

The former Dudley Elementary School (grades 2-6) was closed (and is now used by the town of Dudley as a municipal complex) following renovations and additions to the Mason Road School (PK-1), and Dudley Intermediate School (grades 2-4) and the opening middle schools for students in grades 5-8 in 2000. Until that time, Shepherd Hill was a

grade 7-12 high school.

Priority 4

Please describe the conditions within the community and School District that are expected to result in increased enrollment.

- There are six single-family home subdivision projects in the design and application stage resulting in 186 lots in the Town of Charlton. Presently, there are approximately 100 lots in four single family home subdivisions in the Town of Dudley. Additionally, 130 condo units in the Steven's Linen property in Dudley are being reviewed.
- There have been eight building permits issued as of September 26, 2006 in eight additional, approved subdivisions in Charlton with a total of 158 vacant lots in these subdivisions waiting for building permits. Additional vacant lots in Dudley total approximately 10.

Priority 4

Please describe the measures the School District has taken or is planning to take in the immediate future to mitigate the problem(s) described above.

- The Superintendent of Schools has been authorized by the Dudley-Charlton Regional School Committee to form a Building Needs Assessment Committee, comprised of 15 members representing the district. The committee is charged with providing a comprehensive Building Needs Report to the School Committee.
- The Dudley-Charlton Regional School Committee has budgeted for additional staff to accommodate increased students enrollment through the years.

Priority 4

Please provide a detailed explanation of the impact of the problem described in this priority on your district's educational program. Please include specific examples of how the problem prevents the district from delivering the educational program it is required to deliver and how students and/or teachers are directly affected by the problem identified.

The 36-year-old Shepherd Hill Regional High School building hinders the ability to provide appropriate educational priorities in science and technology due to the challenges of its infrastructure. In addition, Special Education programs and general education programs are compromised by inadequate space and room availability for life skills and pre-vocational offerings/services.

Due to the flexibility of the staff at Shepherd Hill Regional High School, the delivery of quality educational services is ongoing and without compromise.

Repairs/upgrades were needed in some cases for immediate safety reasons and in other cases for efficiency reasons. Structurally, the 36-year-old building was constructed with integrity and still provides a good "curb appeal." The infrastructure, including a lack of a fire protection system, an obsolete electrical distribution system, inadequate storage, compromised classroom size and numbers, inefficient exterior door and windows, plumbing concerns, outmoded science labs, poor traffic patterns and non-compliant gym locker rooms are in need of being "refreshed" to allow continued use into the first half of the 21st century.

Please also provide the following:

Cafeteria Seating Capacity: 400

Number of lunch seatings per day: 4

Are modular units currently present on-site and being used for classroom space?: NO

If "YES", indicate the number of years that the modular units have been in use:

Number of Modular Units:

Classroom count in Modular Units:

Seating Capacity of Modular classrooms:

What was the original anticipated useful life in years of the modular units when they were installed?:

Have non-traditional classroom spaces been converted to be used for classroom space?: YES

If "YES", indicate the number of non-traditional classroom spaces in use: 3

Please provide a description of each non-traditional classroom space, its originally-intended use and how it is currently used:

An approximate 24' x 30' area in the library/media center has been utilized in a number of capacities over the past 12 years, i.e., computer lab, writing lab, testing area and resource center. In addition, the auditorium is used substantially as a classroom for band, choral groups and drama. The former industrial arts area now serves multiple purposes, including technology, business office, district office, storage, etc.

Please explain any recent changes to the district's educational program, school assignment polices, grade configurations, class size policy, school closures, changes in administrative space, or any other changes that impact the district's enrollment capacity (maximum of 5000 characters):

Shepherd Hill opened in 1973 as a grade 7-12 high school. In 2000, with the opening of two new middle schools for grades 5-8, and with renovations and additions to Mason Road School and Dudley Intermediate School, the district closed Dudley Elementary School and amended its grade configuration to create early learning centers (grade PK-1) at Charlton Elementary and Mason Road School; grades 2-4 are housed at Heritage School and Dudley Elementary (formerly the Intermediate School). The middle schools house grades 5-8 in each town and Shepherd Hill became a grade 9-12 high school.

What are the district's current class size policies?:

The district does not have a class size policy.

Has the district closed, taken off-line, or converted to another, non-school use, any school facilities within the last 10 years?: YES

If "YES", please provide the name and address of any such school facility and provide a description of the reasons for removing the school from service.:

Dudley Elementary School, 71 West Main St., Dudley, was closed in 2000 following renovations and additions to Mason Road School and Dudley Intermediate School, and the opening of 2 middle schools. Dudley Intermediate has become the Dudley Elementary School.

Priority 5

Please provide a detailed description of the energy conservation measures that are needed and include an estimation of resultant energy savings as compared to the historic consumption.

- The current system is 36 years old and relies on two inefficient furnaces which must be manually monitored.
- There is known asbestos in the building which is encapsulated and monitored under an appropriately posted asbestos management plan.
- The ventilation and air conditioning is generally inadequate and contributes to uneven temperatures throughout the school, causing the manual adjustment of thermostats to compensate for underheated areas. In turn this results in other areas being overheated and in significant energy inefficiency.
- The school has the original single glazed, thermally inefficient, drafty windows throughout the building.
- The building is constructed with an uninsulated block design and a partially insulated flat roof.
- Pneumatic thermostats are used throughout the building; many of these lines have failed. The pneumatic system, along with uni-vent components are inefficient. There is no energy management system to monitor/adjust the heating system.

Priority 5

Please describe the measures the School District has already taken to reduce energy consumption.

1. T-5 lights installed in both gyms with sensors for energy savings.
2. T-8 bulbs installed with new ballasts in every light throughout the building.
3. Energy efficient LED exit lights were recently installed.
4. Floor to ceiling curtain installed between main gym and practice gym
5. Exterior doors installed in cafeteria.
6. New boiler tubes installed in both boilers.
7. Light sensors installed in every room.
8. New compressor has been installed for the air conditioner.
9. New air handler in the superintendent's area.
10. Installed rug in Room 319, teacher's room, library, front offices, district offices.
11. Installed new window in business office which was a storage space.
12. Replaced 1000 ft of return hot water pipe.
13. Recalibrated all uni-vents in the summer.
14. New electric panel for both gyms.
15. New electric panel and energy efficient lighting installed in the auditorium
16. Energy savings with the replacement of the kitchen walk-in freezer and refrigerator (2006)
17. Air exchange enhancement monitor in the gymnasium partially funded by energy grant was replaced (2004).
18. Replacement of 15,000 gallon underground fuel storage tank (2006).
19. Total roof replacement and insulation (1994)
20. Replaced 1,200 gallon PVI hot water tank with four stainless steel indirect hot water tanks (2002).

Priority 5

Please provide a detailed explanation of the impact of the problem described in this priority on your district's educational program. Please include specific examples of how the problem prevents the district from delivering the educational program it is required to deliver and how students and/or teachers are directly affected by the problem identified.

The 36-year-old Shepherd Hill Regional High School building inhibits the ability to provide appropriate educational priorities in science and technology due to the challenges of its infrastructure. In addition, Special Education programs and general education programs are compromised by inadequate space and room availability for life skills and pre-vocational offerings/services.

Due to the flexibility of the staff at Shepherd Hill Regional High School, the delivery of quality educational services is ongoing and without compromise.

Repairs/upgrades were needed in some cases for immediate safety reasons and in other cases for efficiency reasons. Structurally, the 36 year-old building was constructed with integrity and still provides a good "curb appeal." The infrastructure including lack of fire protection system, an obsolete electrical distribution system, inadequate storage, compromised classroom size and numbers, inefficient exterior door and windows, plumbing concerns, outmoded science labs, poor traffic patterns and non-compliant gym locker rooms are in need of being "refreshed" to allow continued use into the first half of the 21st century.

Please also provide the following:

Age of Exterior Walls (Years): 6

Were any major repairs or renovations of the exterior walls undertaken in the past?: YES

If "YES", please provide the year of the last major repair/renovation of the exterior walls: 2003

Age of Roof (Years): 15

Were any major repairs or renovations of the roof undertaken in the past?: YES

If "YES", please provide the year of the last major repair/renovation of the roof: 1994

Age of Windows (Years): 36

Were any major repairs or renovations of the windows undertaken in the past?: YES

If "YES", please provide the year of the last major repair/renovation of the windows: 1973

Age of Boilers (Years): 36

Were any major repairs or renovations of the boilers undertaken in the past?: YES

If "YES", please provide the year of the last major repair/renovation of the boilers: 2002

Age of HVAC (Years): 36

Were any major repairs or renovations of the HVAC undertaken in the past?: YES

If "YES", please provide the year of the last major repair/renovation of the HVAC: 1973

Age of Electrical System (Years): 36

Were any major repairs or renovations the electrical system undertaken in the past?: YES

If "YES", please provide the year of the last major repair/renovation of the electrical system: 1973

Have the systems identified above been examined by an engineer or other trained building professionals?: NO

If "YES", please provide the name of the individual and his/her professional affiliation:

Please also provide the date of the inspection::

Please describe how addressing the system will extend the useful life of the facility that is the subject of this SOI (maximum of 5000 characters):

Repairs/upgrades were needed in some cases for immediate safety reasons and in other cases for efficiency reasons. Structurally the 36-year-old building was constructed with integrity and still provides a good "curb appeal." The infrastructure including lack of a fire protection system, an obsolete electrical distribution system, inadequate storage, compromised

classroom size and numbers, inefficient exterior doors and windows, plumbing concerns, outmoded science labs, poor traffic patterns and non-compliant gym locker rooms are in need of being refreshed to allow continued use into the first half of the 21st century.

Priority 7

Please provide a detailed description of the programs not currently available due to facility constraints, the state or local requirement for such programs and the facility limitations precluding the programs from being offered.

- The demand for special needs services including occupational therapy, physical therapy, speech, tutoring, individual remediation, etc. has increased substantially.
- Lack of adequate conference area; no conference area within 150 feet of administration or guidance offices.
- Lack of space limits the school's ability to create additional special education programs as needed. DCRSD's philosophy is to house special education students in our school district, whenever possible.
- The science rooms are restricted by inadequate equipment and inadequate area.
- There are numerous grandfathered ADA issues that limit full access to programs by handicapped students.
- General education classrooms once numbered 77 and presently number 68, due to modifications needed for special education, computer labs, etc.
- The average core classroom contains between 590-775 square feet (today's standards demand 950 square feet.)
- Science laboratories contain between 900-1,055 square feet (today's standards require 1,200 square feet.)

There is a desire to expand both life science and physical science offerings at Shepherd Hill, but the lack of classroom availability, as well as science lab restrictions, prohibits such an undertaking in environmental science, astronomy, geology and bio-medical offerings. Shepherd Hill has also been cited for not providing adequate courses in pre-vocational and life skills with both special education and general education students.

Priority 7

Please describe the measures the School District has taken or is planning to take in the immediate future to mitigate the problem(s) described above.

- Several of the former industrial arts classrooms have been reassigned and renovated as multi purpose visual/performing arts and computer labs.
- Unused, shelved storage area has been renovated as a high school/central office conference room.
- Lecture halls have been renovated for computer labs and a science classroom.
- Modifications to a cardiovascular/weight room.
- Portable computer lab utilized to maximize use of technology.
- Replacement of light board and lighting in the auditorium, due to hazardous light board determination.

The Dudley-Charlton Regional School District has operated its central office out of the Shepherd Hill facility since the inception of the regional school district 35 years ago. Although the space occupied by the superintendent and his staff is rather insignificant (approximately 1200 sq. ft. in a nearly 200,000 sq. ft. building), attempts are being made to vacate this area in order to offer options for classroom relocations within the building.

Priority 7

Please provide a detailed explanation of the impact of the problem described in this priority on your district's educational program. Please include specific examples of how the problem prevents the district from delivering the educational program it is required to deliver and how students and/or teachers are directly affected by the problem identified.

The 36-year-old Shepherd Hill Regional High School building hampers the ability to provide appropriate educational priorities in science and technology due to the challenges of its infrastructure. In addition, Special Education programs and regular education programs are compromised with inadequate or unavailable room(s) for life skills and pre-vocational offerings/services.

Due to the flexibility of the staff at Shepherd Hill Regional High School, the delivery of quality educational services is ongoing and without compromise.

Repairs/upgrades were needed in some cases for immediate safety reasons and in other cases for efficiency reasons. Structurally, the 36-year-old building was constructed with integrity and still provides a good "curb appeal." The infrastructure including a lack of fire protection system, an obsolete electrical distribution system, inadequate storage, compromised classroom size and numbers, inefficient exterior door and windows, plumbing concerns, outmoded science labs, poor traffic patterns and non-compliant gym locker rooms is in need of being "refreshed" to allow continued use into the first half of the 21st century.

Vote

Vote of Municipal Governing Body YES: NO: Date:

Vote of School Committee YES: NO: Date:

Vote of Regional School Committee YES: 8 NO: 0 Date: 12/13/2006

Form of Vote

The following form of vote should be used by both the City Council/Board of Aldermen, Board of Selectmen/equivalent governing body AND the School Committee in voting to approve this Statement of Interest.

If a regional school district, the regional school district should use the following form of vote.

Resolved: Having convened in an open meeting on _____, the _____ *[City Council/Board of Aldermen, Board of Selectmen/Equivalent Governing Body, School Committee]* of _____ *[City/Town/School District]*,

in accordance with its charter, by-laws, and ordinances, has voted to authorize the Superintendent to submit to the Massachusetts School Building Authority the Statement of Interest dated _____ for the _____ *[Name of School]* located at

_____ *[Address]* which describes and explains the following deficiencies and the priority category(s) for which

_____ *[Name of City/Town/District]* may be invited to apply to the Massachusetts School Building Authority in the future

_____ *[Insert a description of the priority(s) checked off on the Statement of Interest and a brief description of the deficiency described therein for each priority];* and hereby further specifically

acknowledges that by submitting this Statement of Interest, the Massachusetts School Building Authority in no way guarantees the acceptance or the approval of an application, the awarding of a grant or any other funding commitment from the Massachusetts School Building Authority, or commits the

_____ *[Name of City/Town/District]* to filing an application for funding with the Massachusetts School Building Authority.

CERTIFICATIONS

The undersigned hereby certifies that, to the best of his/her knowledge, information and belief, the statements and information contained in this statement of Interest and attached hereto are true and accurate and that this Statement of Interest has been prepared under the direction of the district school committee and the undersigned is duly authorized to submit this Statement of Interest to the Massachusetts School Building Authority. The undersigned also hereby acknowledges and agrees to provide the Massachusetts School Building Authority, upon request by the Authority, any additional information relating to this Statement of Interest that may be required by the Authority.

**LOCAL CHIEF EXECUTIVE OFFICER/DISTRICT SUPERINTENDENT/SCHOOL COMMITTEE CHAIR
(E.g., Mayor, Town Manager, Board of Selectmen)**

Chief Executive Officer	School Committee Chair	Superintendent of Schools
_____	_____	_____
(print name)	(print name)	(print name)
_____	_____	_____
(signature)	(signature)	(signature)
_____	_____	_____
Date	Date	Date