



# Facilities Systems Upgrades

# SBISD 2007 Bond Plan- Facilities Systems Upgrades Facility Assessment



## Background Information:

In 2006, The Spring Branch Independent School District created a Long Range Facilities Planning (LRFP) Committee, charging it to develop a long-range facilities plan which would serve the District as a baseline for the next 10 years. This group was made up of parents, teachers, administrators, and citizens of the district. A core group of approximately 50 members met over several months to prepare recommendations, supported by District staff and the planners of the SHW Group, with input from 3D/I and MetroStudy.

The District provided the Bond Planning Committee with a copy of the LRFP Report which was developed based on an extensive Facilities Assessment Study. The recommendations in the LRFP report were used as a foundation to help the Bond Planning Committee make decisions regarding systems upgrades. The LRFP Report may be found at: <http://www.springbranchisd.com/admin/operations/facilities/LRFP2006.pdf>

## LRFP Facility Assessment Findings:

The LRFP facilities assessment study details and summarizes existing school conditions based on their Facilities Condition Index (FCI) and their Extended Facilities Condition Index (EFCI). The FCI represents the overall condition of the school today; the EFCI predicts its condition in 2016.

## The LRFP facilities assessment data reveals that the District has many urgent needs concerning the condition of its facilities.

The LRFP **summary chart of facility assessment FCI/EFCI findings**, included on page 16 of this report for reference, illustrates how the facility condition evolves if no action is taken. The following facts should be noted about the condition of the District's facilities:

- Approximately 1/3 of the existing facilities have sufficient need for systems replacement that they are past or near the borderline of being considered for replacement today.

- If nothing is done over the next 10 years, approximately 2/3rds of the facilities will be past or near that borderline.

The LRFP Committee **prioritized the building systems** (roofing, HVAC, etc.) that exist in each building and were consistently reviewed in the facility assessment. The LRFP Committee prioritized these systems as 1) critical, 2) ideal, and 3) non-critical. A listing of these priorities and a description of which building systems are included in each group appears on pages 24-25 of this report for reference.

The LRFP Committee **developed priorities for improvements of the District's facilities**, to help in the creation of the plan. These priorities are listed in the tables on pages 26-27.

## 2007 Bond Advisory Committee – Systems Upgrades:

The Bond Advisory Committee took the LRFP information and used it for discussions during committee meeting and this information helped form the recommendations documented in this report.

The LRFP was completed in August 2006. The rough "order of magnitude" cost presented in the LRFP document for the 10-year planning cycle was approximately \$835.6 million. The Bond Advisory Planning Committee was formed and began their planning work in February 2007, thus the cost data needed to be updated to reflect the current planning timeframe. Just updating these numbers due to inflation of one year and taking into account one year had lapsed (more items fell into the "currently expired" category), this number grew even larger.

The Bond Advisory Committee knew that this dollar amount was not feasible to consider, so they focused on prioritizing what should be included in the plan.



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## Facility Assessment

1. The Committee agreed that the systems upgrades were needed; however they asked that SBISD staff go through the facility assessment data base and **prioritize the currently expired systems** (“critical” and “needed”) that should be included in a potential bond plan (select only the essential building systems from the LRFP “critical” – 9 systems + “ideal” – 3 systems). Non-essential systems and the LRFP “non-critical” – 3 systems are not included in the resulting Committee recommendation.
2. **In order to reduce the overall cost of the potential bond package, it was decided that only future renewal of systems over the next five years would be included** in this package. This limiting of scope does not mean that future systems will not need to be addressed in upcoming years beyond this 5-year period. The committee would like the Board to recognize and understand that planning for system upgrades beyond the timeframe covered by this recommendation needs to be studied and a plan for funding needs to be addressed.

**In order to develop the resulting “order of magnitude” cost for systems upgrades, as shown in the recommended plan, the following process was executed:**

1. Take into account that one year had elapsed from the completion of the LRFP report. Look at the systems in the “currently expired” category and prioritize what should be included in the recommended plan.
2. Update the COMET database cost metrics to a more current cost model (RS Means YE 2005 updated to RS means YE 2006). RS Means is a national organization that publishes cost data that the architectural and construction industry uses for reference. Local market conditions will influence this cost, and in order to compensate for the time lag between published numbers and the current point in

time, a mark-up was added to the COMET database numbers.

3. It should be noted that upgrading systems does not take into account any significant changes to the system. The cost is to replace it to the proper condition for which it was designed. A small mark-up was applied to the COMET database numbers to provide some flexibility in the upgrade process that might have to occur due to regulatory changes in the building code.
4. Prioritize the systems upgrades cost into 3 categories (Currently Expired, Future Renewal Year 1-5, Future Renewal Year 6-10).
5. Update the future percentages for escalation over the next five years included in the plan based on historical and projection data provided by the AGC and confirmed by the local Houston area construction industry. If this recommended plan is executed, the actual percentages that are controlled by local market conditions at the time the project is bid will prevail and determine the actual cost.

Once this process was completed, the total “order of magnitude cost” of the systems upgrades was developed. **Applying the steps outlined in the process above, the result in “current (\$2007)” dollars by category is as follows:**

- Currently Expired = \$190.6 million (in \$2007 cost, not escalated yet)
- Year 1-5 Renewal = \$95.6 million (in \$2007 cost, not escalated yet)
- Year 6-10 Renewal = \$112.7 million (in \$2007 cost, not escalated yet)

**Total “order of magnitude” cost of the categories above = \$398.9 million (in \$2007 cost).**

**Applying the escalation rates described above** to the projects as proposed on a timeline (see page 31 for the proposed timeline of bid years), **the total “order of magnitude cost”**

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of the systems upgrades **INCREASED** to the following planning numbers the Bond Committee had to consider:

- Currently Expired = \$273.1 million (included in the recommended plan)
- Year 1-5 Renewal = \$131.7 million (included in the recommended plan)
- Year 6-10 Renewal = \$160.8 million (“not” included in the recommended plan)

**Total “order of magnitude” cost of the categories above = \$565.6 million (future cost).**

## Board Action

In the final plan, the Board reduced the dollars for facilities systems upgrades by decreasing the inflation factor to 5%. The total amount of facilities systems upgrades is \$260M.

## Overview of Systems Upgrades Data by Campus, Facility

The following list provides a brief general overview of the nature and costs of improvements included in the bond plan for each campus and facility. The schedule for each project is described in the Project Schedules section which follows. The full scope of work, cost and schedule for each facility will be refined when the project begins.

The projects are listed by type (elementary, middle, etc.) alphabetically. Each of the following types of information are provided as appropriate.

- **School Name** with dates of original construction and major additions
- **Additions/Renovations** with a description of the proposed scope
- **District-wide Improvements** including safety and security work and technology improvements.
- **Systems Upgrades** with a brief description of current needs and additional needs anticipated in the years 2008-2012.
- **Replacement** with a brief description of the new facility to be built to replace an existing elementary school.
- **Planning Assumptions** describe the anticipated year in which the project will be bid and the cost (in current dollars plus projected inflation to the date of bidding).



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## Campus Upgrades

### **ELEMENTARY SCHOOLS**

#### **BUFFALO CREEK ES (1997)**

##### **District-wide Improvements:**

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrade, Additional Fencing, Add 32 Digital CCTV Cameras, Lighting Upgrades.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators, Library-Multimedia Centers, Portable Keyboards for 3rd Grade.

##### **Systems Upgrades:**

- Current Need: Domestic Water Distribution System (Hot Water Heater).
- Future Need: Mechanical Systems (AHU); Electrical Systems (Comm./Security); Wall and Floor Finishes.

**Planning Assumptions:** Year 1 of Plan

#### **BUNKER HILL ES (1955/58 + 2000)**

##### **Additions / Renovations:**

- 5 Classrooms for demographic growth.

##### **District-wide Improvements:**

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrade, Add 16 Digital CCTV Cameras, Lighting Upgrades.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators, Library-Multimedia Centers, Portable Keyboards for 3rd Grade.

##### **Systems Upgrades:**

- Current Need: Mechanical Systems (FCU's at 1956-62 areas); Electrical Systems (Comm./Security); Plumbing Systems (Water Cooler, 1956-62 Cast Iron Pipe, Grease Trap); Ceiling Finishes.
- 2008–2012 Need: Mechanical Systems (Term/Pkg Units for 1956-62 areas), *Electrical*

*Systems (Upgraded in 2000); Wall and Floor Finishes.*

**Planning Assumptions:** Year 2 of Plan

#### **CEDAR BROOK ES (1992)**

##### **District-wide Improvements:**

- Safety & Security: Burglar Alarm & Access Controls Replacement, Add 32 Digital CCTV Cameras, Lighting Upgrades.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for TeAdministrators, Library-Multimedia Centers, Portable Keyboards for 3rd Grade.

##### **Systems Upgrades:**

- Current Need: Roof (Single Ply); Mechanical Systems (Water Heater, AHU); Electrical Systems (Comm./Security).
- 2008–2012 Need: Mechanical Systems (Chilled Water); Wall, Floor and Ceiling Finishes.

**Planning Assumptions:** Year 1 of Plan

#### **EDGEWOOD ES (1960/69/86/90 + 2000)**

##### **Replacement:**

- Replacement ES for 800 student capacity. Transition off-site. Maintain Gym and Classroom 2000 addition.

##### **District-wide Improvements:**

- Safety & Security: Burglar Alarm & Access Controls Replacement, Additional Fencing, Add 16 Digital CCTV Cameras, Lighting Upgrades.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators, Library-Multimedia Centers, Portable Keyboards for 3rd Grade.

##### **Systems Upgrades:**

- Maintain the building systems on the remaining portion of the campus.

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## Campus Upgrades



**Planning Assumptions:** Year 3 of Plan

### **FROSTWOOD ES (1960 + 1990 + 2001)**

#### **Replacement:**

- Replacement ES for 750 student capacity. Transition off-site. Maintain Gym and Classroom 2001 addition.

#### **District-wide Improvements:**

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrade, Add 16 Digital CCTV Cameras, Lighting Upgrades.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators, Library-Multimedia Centers, Portable Keyboards for 3rd Grade.

#### **Systems Upgrades:**

- Maintain the building systems on the remaining portion of the campus.

**Planning Assumptions:** Year 8 of Plan

### **HOLLIBROOK ES (1957/58/63/66/75 + 1990/91 + 2001)**

#### **Replacement:**

- Replacement ES for 800 student capacity. Build on-site. Maintain Gym 2001 addition.

#### **District-wide Improvements:**

- Safety & Security: Burglar Alarm & Access Controls Replacement, Additional Fencing, Add 16 Digital CCTV Cameras, Lighting Upgrades.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators, Library-Multimedia Centers, Portable Keyboards for 3rd Grade.

#### **Systems Upgrades:**

- Maintain the building systems on the remaining portion of the campus.

**Planning Assumptions:** Year 1 of Plan

### **HOUSMAN ES (1950/54/59/60/72/83 + 2001)**

#### **Replacement:**

- Replacement ES for 700 student capacity. Transition off-site. Maintain Gym and Classroom 2001 addition.

#### **District-wide Improvements:**

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrade, Add 16 Digital CCTV Cameras, Lighting Upgrades.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators, Library-Multimedia Centers, Portable Keyboards for 3rd Grade.

#### **Systems Upgrades:**

- Maintain the building systems on the remaining portion of the campus.

**Planning Assumptions:** Year 2 of Plan

### **HUNTERS CREEK ES (1954/56/57 + 1991/96/98)**

#### **District-wide Improvements:**

- Safety & Security: Burglar Alarm & Access Controls Replacement, Add 32 Digital CCTV Cameras, Lighting Upgrades.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators, Library-Multimedia Centers, Portable Keyboards for 3rd Grade.

#### **Systems Upgrades:**

- Current Need: Roof (Metal); Mechanical Systems (FCUs for 54/56 areas); Electrical Systems (Comm./Security); Plumbing Systems (Rain Water Drainage, Grease Trap); Ceiling Finishes (older portions); Custom Deficiency (Storm Sewer); Covered Walkways.



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## Campus Upgrades

- 2008–2012 Need: Mechanical Systems (19961 Chilled Water, 1996/2000 Term/Pkg Units); Electrical Systems (Comm./Security); Wall and Floor Finishes.

**Planning Assumptions:** Year 3 of Plan

### MEADOW WOOD ES (1964/95 + 2003)

#### Replacement:

- Replacement ES for 526 student capacity. Transition off-site. Maintain 2003 Gym and Library addition.

#### District-wide Improvements:

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrade, Add 16 Digital CCTV Cameras, Lighting Upgrades.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators, Library-Multimedia Centers, Portable Keyboards for 3rd Grade.

#### Systems Upgrades:

- Maintain the building systems on the remaining portion of the campus.

**Planning Assumptions:** Year 5 of Plan

### MEMORIAL DRIVE ES (1949/51/52/69 + 1991 + 2001/02)

#### District-wide Improvements:

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrades, Add 32 Digital CCTV Cameras, Lighting Upgrades.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators, Library-Multimedia Centers, Portable Keyboards for 3rd Grade.

#### Systems Upgrades:

- Current Need: Mechanical Systems (AHU except 2002, Boilers 1952 areas, Term/Pkg

except 2002); Electrical Systems (Comm./Security); Plumbing Systems (Rain Water Drainage, Grease Trap); Covered Walkways.

- 2008–2012 Need: Mechanical Systems (1991 Chilled Water System); *Wall, Floor, Ceiling Systems (new in 2002).*

**Planning Assumptions:** Year 3 of Plan

### NOTTINGHAM ES (1969 + 2004)

#### District-wide Improvements:

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrades, Additional Fencing, Add 16 Digital CCTV Cameras, Lighting Upgrades.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators, Library-Multimedia Centers, Portable Keyboards for 3rd Grade.

#### Systems Upgrades:

- Current Need: Mechanical Systems (Hot Water System, AHU); Electrical Systems (Comm./Security); Plumbing Systems (Grease Trap); Custom Deficiency (Paving); Covered Walkways.
- 2008–2012 Need: Plumbing Systems (Rain Water Drainage); *Wall, Floor, Ceiling Systems (new in 2003/04).*

**Planning Assumptions:** Year 1 of Plan

### PINE SHADOWS ES (1955 + 1991/96/2003)

#### Replacement:

- Replacement ES for 700 student capacity. Transition off-site. Maintain Gym 2003 addition.

#### District-wide Improvements:

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrades, Additional Fencing, Add 16 Digital CCTV Cameras, Lighting Upgrades.

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## Campus Upgrades



- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators, Library-Multimedia Centers, Portable Keyboards for 3rd Grade.

### **Systems Upgrades:**

- Maintain the building systems on the remaining portion of the campus.

**Planning Assumptions:** Year 4 of Plan

### **RIDGECREST ES (1953/54/58/71/83/91 + 2001)**

#### **Replacement:**

- Replacement ES for 800 student capacity. Build on-site.

#### **District-wide Improvements:**

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrades, Add 16 Digital CCTV Cameras, Lighting Upgrades.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators, Library-Multimedia Centers, Portable Keyboards for 3rd Grade.

#### **Systems Upgrades:**

- None.

**Planning Assumptions:** Year 2 of Plan

### **RUMMEL CREEK ES (1962/69 + 1995-2000)**

#### **District-wide Improvements:**

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrades, Add 16 Digital CCTV Cameras, Lighting Upgrades.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators, Library-Multimedia Centers, Portable Keyboards for 3rd Grade.

#### **Systems Upgrades:**

- Current Need: Mechanical Systems (Hot Water System, AHU); Plumbing Systems (Fixtures, Grease Trap);

Custom Deficiency (Storm Sewer).

- 2008–2012 Need: Mechanical Systems (Chilled Water System); Wall, Floor and Ceiling Finishes.

**Planning Assumptions:** Year 2 of Plan

### **SHADOW OAKS ES (1959/86/92/95 + 2002)**

#### **Replacement:**

- Replacement ES for 800 student capacity. Build on-site. Maintain Gym and Classroom 2002 addition

#### **District-wide Improvements:**

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrades, Add 32 Digital CCTV Cameras, Lighting Upgrades.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators, Library-Multimedia Centers, Portable Keyboards for 3rd Grade.

#### **Systems Upgrades:**

- Maintain the building systems on the remaining portion of the campus.

**Planning Assumptions:** Year 3 of Plan

### **SHERWOOD ES (1968 + 1994/95/2002)**

#### **District-wide Improvements:**

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrades, Additional Fencing, Add 16 Digital CCTV Cameras, Lighting Upgrades.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators, Library-Multimedia Centers, Portable Keyboards for 3rd Grade.

#### **Systems Upgrades:**

- Current Need: Roof (Single Ply); Mechanical Systems (Hot Water System); Electrical Systems (Comm./Security); Plumbing Systems (Grease Trap); Ceiling



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## Campus Upgrades

Finishes; Custom Deficiency (Paving).

- 2008–2012 Need: Mechanical System (AHU); Floor Finishes (VCT).

**Planning Assumptions:** Year 1 of Plan

**SPRING BRANCH ES** (1938/51/52/54/60/86/91 + 1998/2003)

**Replacement:**

- Replacement ES for 680 student capacity. Build on-site. Maintain Classroom 2003 addition

**District-wide Improvements:**

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrades, Add 32 Digital CCTV Cameras, Lighting Upgrades.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators, Library-Multimedia Centers, Portable Keyboards for 3rd Grade.

**Systems Upgrades:**

- Maintain the building systems on the remaining portion of the campus.

**Planning Assumptions:** Year 5 of Plan

**SPRING SHADOWS ES** (1968/75 + 2003)

**District-wide Improvements:**

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrades, Additional Fencing, Add 16 Digital CCTV Cameras, Lighting Upgrades.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators, Library-Multimedia Centers, Portable Keyboards for 3rd Grade.

**Systems Upgrades:**

- Current Need: Mechanical Systems (Water Heater); Electrical Systems (Site Comm./ Security, Service/Distribution);

Plumbing Systems (Grease Trap); Ceiling Finishes, Covered Walkways, Custom Deficiency (Storm Sewer).

- 2008–2012 Need: Electrical Systems (Lighting/Branch Wiring); Wall and Floor Finishes.

**Planning Assumptions:** Year 2 of Plan

**TERRACE ES** (1971 + 1994/97 + 2001)

**District-wide Improvements:**

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrades, Add 16 Digital CCTV Cameras, Lighting Upgrades.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators, Library-Multimedia Centers, Portable Keyboards for 3rd Grade.

**Systems Upgrades:**

- Current Need: Mechanical Systems (1971 Chilled Water System, 1971 AHU); Electrical Systems (1971+Site Service/ Distribution); Covered Walkways; Custom Deficiency (Storm Sewer).
- 2008–2012 Need: Mechanical Systems (Mod. Bldg Term/Pkg Units); Floor Finishes; *Wall and Ceiling (new in 2001).*

**Planning Assumptions:** Year 2 of Plan

**THORNWOOD ES** (1973/94 + 2001)

**District-wide Improvements:**

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrades, Additional Fencing, Add 16 Digital CCTV Cameras, Lighting Upgrades.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators, Library-Multimedia Centers, Portable Keyboards for 3rd Grade.

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### Systems Upgrades:

- Current Need: Mechanical Systems (Hot Water System); Plumbing Systems (Grease Trap).
- 2008–2012 Need: Floor Finishes; *Wall and Ceiling Finishes (new in 2001)*.

**Planning Assumptions:** Year 3 of Plan

### TREASURE FOREST ES (1996)

#### District-wide Improvements:

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrades, Add 32 Digital CCTV Cameras, Lighting Upgrades.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators, Library-Multimedia Centers, Portable Keyboards for 3rd Grade.

#### Systems Upgrades:

- Current Need: N/A
- 2008–2012 Need: Electrical Systems (Comm./Security); Wall, Floor and Ceiling Finishes.

**Planning Assumptions:** Year 1 of Plan

### VALLEY OAKS ES (1956/73 + 1996/2001)

#### Replacement:

- Replacement ES for 700 student capacity. Transition off-site. Maintain Gym 2001 addition

#### District-wide Improvements:

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrades, Additional Fencing, Add 16 Digital CCTV Cameras, Lighting Upgrades.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators, Library-Multimedia Centers, Portable Keyboards for 3rd Grade.

### Systems Upgrades:

- Maintain the building systems on the remaining portion of the campus.

**Planning Assumptions:** Year 6 of Plan

### WESTWOOD ES (1963/69/72/93/96 + 2003)

#### Replacement:

- Replacement ES for 620 student capacity. Build on-site. Maintain Gym and Classroom 2003 addition

#### District-wide Improvements:

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrades, Additional Fencing, Add 16 Digital CCTV Cameras, Lighting Upgrades.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators, Library-Multimedia Centers, Portable Keyboards for 3rd Grade.

#### Systems Upgrades:

- Maintain the building systems on the remaining facility for other ES campus transition space.

**Planning Assumptions:** Year 1 of Plan

### WILCHESTER ES (1967/68/72/94 + 2002)

#### Replacement:

- Replacement ES for 600 student capacity. Transition off-site. Maintain Gym and Library 2002 addition

#### District-wide Improvements:

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrades, Add 16 Digital CCTV Cameras, Lighting Upgrades.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators, Library-Multimedia Centers, Portable Keyboards for 3rd Grade.



# SBISD 2007 Bond Plan- Facilities Systems Upgrades

## Campus Upgrades

### Systems Upgrades:

- Maintain the building systems on the remaining portion of the campus.

**Planning Assumptions:** Year 7 of Plan

### WOODVIEW ES (1957/71 + 1996/2001)

#### District-wide Improvements:

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrades, Add 16 Digital CCTV Cameras, Lighting Upgrades.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators, Library-Multimedia Centers, Portable Keyboards for 3rd Grade.

#### Systems Upgrades:

- Current Need: Mechanical Systems (57/58 FCUs); Electrical Systems (Site Comm./Security, Site Lighting); Plumbing Systems (Rain Water Drainage, Grease Trap); Wood Floor (1958).
- 2008–2012 Need: Electrical Systems (Bldg Comm./Security); Floor Finishes; *Wall Finish (new in 2005); Ceiling Finishes (new in 1996).*

**Planning Assumptions:** Year 3 of Plan

### MIDDLE SCHOOLS

#### LANDRUM MS (1956/59/60/83 + 2004)

#### District-wide Improvements:

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrades, CCTV Camera Digital Conversion.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators, Library-Multimedia Centers.

#### Systems Upgrades:

- Athletics: Add Practice Running Track + Fball/ Soccer Field Drainage, Irrigation, Re-sod (2).
- Current Need: Mechanical Systems (2-Pipe AHU & FCUs,

Electrical Systems (Site Service/Dist., Site Comm./Security, 20% of Lighting/Branch Wiring & Panel-board);

Plumbing Systems (Rain Water Drainage, Domestic Water Dist., Water Heater, Water Cooler, Sanitary Sewer + Waste); Ceiling Finishes; Wood (1956); Custom Deficiency (Damaged Metal Lockers, Pedestrian Paving, Storm Sewer).

- 2008–2012 Need: Mechanical Systems (Admin Term/Pkg Units); Electrical Systems (50% Bldg. Comm./Security); Wall and Floor Finishes.

**Planning Assumptions:** Year 2 of Plan

**MEMORIAL MS (1963 + 1993-98, Does not include 2006 addition)**

#### Additions / Renovations:

- 11 Classrooms for demographic growth.

#### District-wide Improvements:

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrades, Additional Fencing, Add 80 Digital CCTV Cameras, Lighting Upgrades.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators, Library-Multimedia Centers.

#### Systems Upgrades:

- Athletics: Add Practice Running Track + Fball/ Soccer Field Drainage, Irrigation, Re-sod (2).
- Current Need: Mechanical Systems (Hot Water Systems, AHU); Electrical Systems (Bldg. Comm./Security, Site Lighting, Lighting/Branch Wiring); Plumbing Systems (Rain Water Drainage, Grease Trap); Ceiling Finishes; Covered Walkways; Custom Deficiency (Water Heater, Storm Sewer).
- 2008–2012 Need: Mechanical Systems (1988 Chilled Water Systems); Wall and Floor Finishes.

**Planning Assumptions:** Year 2 of Plan

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### **NORTHBROOK MS (1973-91 + 1998-2005)**

#### **District-wide Improvements:**

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrades, Additional Fencing, Lighting Upgrades.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators, Library-Multimedia Centers.

#### **Systems Upgrades:**

- Athletics: Add Practice Running Track + Fball/ Soccer Field Drainage, Irrigation, Re-sod (2).
- Current Need: Mechanical Systems (1973 AHU); Electrical Systems (Comm./Security); Plumbing Systems (Grease Trap).
- 2008–2012 Need: Mechanical Systems (1991 Chilled Water System); Floor Finishes; Ceiling Finishes (due to HVAC upgrades); *Wall Finishes (new in 2005).*

**Planning Assumptions:** Year 4 of Plan

### **SPRING BRANCH MS (1953/59 + 1998)**

#### **District-wide Improvements:**

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrades, Add 80 Digital CCTV Cameras, Lighting Upgrades.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators, Library-Multimedia Centers.

#### **Systems Upgrades:**

- Athletics: Add Practice Running Track + Fball/ Soccer Field Drainage, Irrigation, Re-sod (2).
- Current Need: Mechanical Systems (Main School/Admin AHU/FCU); Electrical Systems (Comm./Security, Site Service/Distribution, 50% Bldg Service/ Distribution, 50% Lighting/Branch Wiring); Plumbing Systems (Rain Water Drainage, 53/59 Sanitary Waste, Grease Trap); Wood (1953); Ceiling Finishes.
- 2008–2012 Need: Mechanical Systems (1996

Term/Pkg Units); *Wall, Floor and Ceiling Finish (new in 2006).*

**Planning Assumptions:** Year 3 of Plan

### **SPRING FOREST MS (1965/67 + 1998 + 2005)**

#### **District-wide Improvements:**

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrades, Add 80 Digital CCTV Cameras, Lighting Upgrades.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators, Library-Multimedia Centers.

#### **Systems Upgrades:**

- Athletics: Add Practice Running Track + Fball/ Soccer Field Drainage, Irrigation, Re-sod (2)
- Current Need: Roof (Mod Bit, Openings); Mechanical Systems (AHU except 2005); Electrical Systems (Site Comm./Security, Site Service/Dist.; Lighting/Branch Wiring except 2005, 1967 Site Lighting); Plumbing Systems (Rain Water Drainage, Domestic Water + Fixtures except 2005, Grease Trap); Ceiling Finishes; Wood Floor (1967); Custom Deficiency (Cast Iron Pipe, Storm Sewer).
- 2008–2012 Need: Mechanical Systems (1993 Term/Pkg Units); Wall and Floor Finishes.

**Planning Assumptions:** Year 4 of Plan

### **SPRING OAKS MS (1965/67 + 1998)**

#### **District-wide Improvements:**

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrades, Add 48 Digital CCTV Cameras.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators, Library-Multimedia Centers.



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### Systems Upgrades:

- Athletics: Add Practice Running Track + Fball/ Soccer Field Drainage, Irrigation, Re-sod (2).
- Current Need: Mechanical Systems (1967 AHU 4-pipe, Electrical Systems (Comm./ Security, 1965/67 40% Service/Dist., 1967.67 Lighting/ Branch Wiring, Site Lighting); Plumbing Systems (Rain Water Drainage, Grease Trap); Ceiling Finishes (1965); Wood Floor (1967); Custom Deficiency (1965/67 Cast Iron Pipe, Storm Sewer).
- 2008–2012 Need: Wall and Floor Finishes.

**Planning Assumptions:** Year 3 of Plan

### SPRING WOODS MS (1960/86/93 + 2000/02)

#### District-wide Improvements:

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrades, Additional Fencing, Add 50 Digital CCTV Cameras.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/ Administrators, Library-Multimedia Centers.

#### Systems Upgrades:

- Athletics: Add Practice Running Track + Fball/ Soccer Field Drainage, Irrigation, Re-sod (2).
- Current Need: Roof (Mod Bit); Mechanical (1960 AHU, 1990 Term/Pkg Units); Electrical Systems (Comm./Security, Lighting/ Branch Wiring); Plumbing Systems (Rain Water Drainage, Grease Trap); Ceiling Finishes; Covered Walkways; Custom Deficiency (Water Heater, Storm Sewer).
- 2008–2012 Need: Roof (Single Ply); Wall and Floor Finishes.

**Planning Assumptions:** Year 3 of Plan

### HIGH SCHOOLS

#### MEMORIAL HS (1962 + 1995 + 2005)

##### Additions / Renovations:

- Upgrades to meet Science/Math State Requirements.

##### District-wide Improvements:

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrades, Add 16 Digital CCTV Cameras.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/ Administrators, Library-Multimedia Centers.

##### Systems Upgrades:

- Athletics: Recoat Track, Resurface (6) Tennis Courts, Build (2) New Tennis Courts, Add Lights at (2) Tennis Courts, Field House Renovation + Baseball RR, Renovate Competition Field, Fball/Soccer Field Drainage, Irrigation, Re-sod (2), Baseball/Softball Drainage, Irrigation, Re-sod (2), Infield Rebuild Added Seating at Tennis Courts
- Current Need: Roof (Older areas = Mod Bit, Built-up, Roof Openings); Mechanical Systems (1962 AHU); Electrical Systems (Comm./Security – PA, M. Clock, Phones); Plumbing Systems (1962 Domestic Water Dist., Grease Trap); Sprinklers (50% of 1962 Bldg); Custom Deficiency (Clg Acoustic Treatment, 1962 (2) Boilers, Comp. Gym Red Windows, Select RR Wall, Roof Drain).
- 2008–2012 Need: Roof (1995 Mod Bit); Mechanical (1996 Term/Pkg Units); Fire Alarm (20% of 1962 Area); *Wall, Floor and Ceiling Finishes (new in 2005).*

**Planning Assumptions:** Year 4 of Plan

# SBISD 2007 Bond Plan- Facilities Systems Upgrades

## Campus Upgrades



### **NORTHBROOK HS (1974 + 1993 + 2003)**

#### **Additions / Renovations:**

- Upgrades to meet Science/Math State Requirements.

#### **District-wide Improvements:**

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrades, Lighting Upgrades.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators, Library-Multimedia Centers.

#### **Systems Upgrades:**

- Athletics: Resurface Track, Resurface (6) Tennis Courts, Add Lights at (2) Tennis Courts, Renovate Competition Field, Fball/Soccer Field Drainage, Irrigation, Re-sod (2), Baseball/Softball Drainage, Irrigation, Re-sod (2), Infield Rebuild
- Current Need: Roof (Metal); Mechanical Systems (1974 Chilled Water 4-pipe & AHU); Electrical Systems (Site Comm./Security, 1974 Emergency Generator); Plumbing Systems (Grease Trap); Elevators (2 original); Covered Walkways (1974); Custom Deficiency (1974 Cast Iron Pipe).
- 2008–2012 Need: Mechanical Systems (1996 Term/Pkg Units); Floor and Ceiling Finishes (1974 not corrected in 2003).

**Planning Assumptions:** Year 3 of Plan

### **SPRING WOODS HS (1964 + 2002)**

#### **Additions / Renovations:**

- Upgrades to meet Science/Math State Requirements.

#### **District-wide Improvements:**

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrades, Additional Fencing, Add 32 Digital CCTV Cameras, Lighting Upgrades.
- Technology: ActivClassroom, Flexible

Labs, Laptop/Docking Station for Teachers/Administrators, Library-Multimedia Centers.

#### **Systems Upgrades:**

- Athletics: Resurface Track, Resurface (6) Tennis Courts, Add Lights at (2) Tennis Courts, Field House Renovation, New Underclass FB/Var Soccer Field + RR/Concession Fball/Soccer Field Drainage, Irrigation, Re-sod (2), Baseball/Softball Drainage, Irrigation, Re-sod (2), Infield Rebuild Add (2) New Tennis Courts, Added Seating at Tennis Courts
- Current Need: Roof (Single Ply, Openings); Electrical Systems (Comm./Security); Plumbing Systems (Rain Water Drainage); Elevators (1964); Covered Walkways.
- 2008–2012 Need: Mechanical Systems (1995 Chilled Water System); Floor and Wall Finishes.

**Planning Assumptions:** Year 3 of Plan

### **STRATFORD HS (1974-84 + 2005)**

#### **Additions / Renovations:**

- Upgrades to meet Science/Math State Requirements.

#### **District-wide Improvements:**

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrades.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators, Library-Multimedia Centers.

#### **Systems Upgrades:**

- Athletics: Resurface Track, Resurface (6) Tennis Courts, Add (2) New Tennis Courts, Add Lights at (2) Tennis Courts, New Competition Track & Sub-Var Field + RR/Concession, Demo Old Track, Redo Practice Fields



# SBISD 2007 Bond Plan- Facilities Systems Upgrades

## Other Facilities Upgrades

Fball/Soccer Field Drainage, Irrigation, Re-sod (3),  
Baseball/Softball Drainage, Irrigation, Re-sod (2), Infield Rebuild  
Added Seating at Tennis Courts

- Current Need: Mechanical Systems (1974 Hot Water System); Electrical Systems (Comm./ Security); Sprinklers (1974); Elevators (1974); Ceiling Finishes (1974).
- 2008–2012 Need: Mechanical Systems (1994 Chilled Water System & AHU); *Wall and Floor Finishes (new in 2005)*.

**Planning Assumptions:** Year 4 of Plan

### OTHER FACILITIES

#### BEAR BOULEVARD PK (2000)

##### District-wide Improvements:

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrades.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/ Administrators.

##### Systems Upgrades:

- Current Need: Custom Deficiency (Drainage Upgrades at Playground).
- 2008–2012 Need: Wall and Floor Finishes

**Planning Assumptions:** Year 5 of Plan

#### LION LANE PK (2001)

##### District-wide Improvements:

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrades.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/ Administrators.

##### Systems Upgrades:

- Current Need: Custom Deficiency (Drainage Upgrades at Playground).
- 2008–2012 Need: Wall and Floor Finishes

**Planning Assumptions:** Year 5 of Plan

#### PANDA PATH (2000, Leased Facility)

##### District-wide Improvements:

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrades, Add 16 Digital CCTV Cameras.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/ Administrators.

##### Systems Upgrades:

- Current Need: Custom Deficiency (Drainage Upgrades at Playground).
- 2008–2012 Need: Wall and Floor Finishes



# SBISD 2007 Bond Plan- Facilities Systems Upgrades

## Other Facilities Upgrades



**Planning Assumptions:** Year 5 of Plan

### **TIGER TRAIL SCHOOL PK (2001)**

#### **District-wide Improvements:**

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrades, Lighting Upgrades.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators.

#### **Systems Upgrades:**

- Current Need: Custom Deficiency (Drainage Upgrades at Playground).
- 2008–2012 Need: Wall and Floor Finishes

**Planning Assumptions:** Year 5 of Plan

### **WILDCAT WAY PK (2002)**

#### **District-wide Improvements:**

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrades.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators.

#### **Systems Upgrades:**

- Current Need: Custom Deficiency (Drainage Upgrades at Playground).
- 2008–2012 Need: Wall and Floor Finishes

**Planning Assumptions:** Year 5 of Plan

### **BENDWOOD ES (1958 + 1968)**

#### **District-wide Improvements:**

- Safety & Security: Burglar Alarm & Access Controls Replacement, Add 16 Digital CCTV Cameras, Lighting Upgrades.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators, Library-Multimedia Centers, Portable Keyboards for 3rd Grade.

#### **Systems Upgrades:**

- Current Need: Mechanical Systems (Hot and Chilled Water Systems, Kitchen Exhaust, AHU); Electrical Systems (Service/Distribution, Comm./Security, Lighting/Branch Wiring); Plumbing Systems (Grease trap); Sprinkler System; Floor Finish (VCT installed in 1997); Ceiling Finishes (1978).
- 2008–2012 Need: Wall and Floor Finishes (*Ceiling Finishes installed in 1997*).

**Planning Assumptions:** Year 2 of Plan

### **SPRING BRANCH ED CENTER / CORNERSTONE ACADEMY (1951 + 1960)**

#### **District-wide Improvements:**

- Safety & Security: Burglar Alarm & Access Controls Replacement, Additional Fencing, Add 144 Digital CCTV Cameras, Lighting Upgrades.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators.

#### **Systems Upgrades:**

- Current Need: Mechanical Systems (Chilled Water System, AHU, Term/Pkg Unit - Cornerstone); Electrical Systems (Comm./Security, Service/Dist., Lighting/Branch Wiring); Plumbing Systems (Rain Water Drainage); Sprinklers (1980 partial area); Ceiling Finishes, Covered Walkways; Custom Deficiency (Roadways).
- 2008–2012 Need: Mechanical Systems (1995 Term/Pkg Units, 1980 Boiler); Wall, Floor and Ceiling Finishes.

**Planning Assumptions:** Year 4 of Plan

### **GUTHRIE CENTER / CAREER + TECHNOLOGY (1971/95)**

#### **District-wide Improvements:**

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrades, Add 15 Digital



# SBISD 2007 Bond Plan- Facilities Systems Upgrades

## Support Facilities Upgrades

CCTV Cameras,  
Lighting Upgrades.

- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators.

### Systems Upgrades:

- Current Need: Mechanical Systems (Hot Water System, Chilled Water System & AHU - except 400-wing and Computer Server area); Electrical Systems (Service/Distribution, Comm./Security = Fire Alarm/Security Sys Only); Ceiling Finishes.
- 2008–2012 Need: Mechanical Systems (Term/Pkg Units – 400-wing & Computer Server Area); Electrical Systems (Lighting/Branch Wiring); Plumbing Systems (Rain Water Drainage); Wall, Floor and Ceiling Finishes.

**Planning Assumptions:** Year 3 of Plan

**WESTCHESTER ACADEMY** (1966/69 + 1983/99)

### Additions / Renovations:

- Upgrades to meet Science/Math State Requirements.

### District-wide Improvements:

- Safety & Security: Burglar Alarm & Access Controls Replacement, Additional Fencing, Digital CCTV Conversion, Lighting Upgrades.
- Technology: ActivClassroom, Flexible Labs, Laptop/Docking Station for Teachers/Administrators.

### Systems Upgrades:

- Current Need: Electrical Systems (Site Comm./Security, Panel-boards, Site Service/Dist.); Flooring (1983 Rubber, 1999 Wood); Custom Deficiency (Floor Drain, Storm Sewer).
- 2008–2012 Need: Wall Finishes (1999).

**Planning Assumptions:** Year 5 of Plan

**ADMINISTRATION** (1965/69 + 1974)

### District-wide Improvements:

- Safety & Security: Burglar Alarm & Access Controls Replacement, Add 16 Digital CCTV Cameras, Lighting Upgrades.

### Systems Upgrades:

- Current Need: Mechanical Electrical Systems (Distribution Sys); Electrical Systems (Bldg. Comm./Security, Bldg Service/Dist.); Ceiling Finishes; Custom Deficiency (Int. Wd. Doors - not fire rated, Parking Lot Drainage, Ped. Paving).
- 2008–2012 Need: Mechanical Systems (1996 Term/Pkg Units); Electrical Systems (Lighting/Branch Wiring); Wall, Floor and Ceiling Finishes.

**Planning Assumptions:** Year 5 of Plan

**VINES SCIENCE CENTER** (1958/70/71/74/95)

### District-wide Improvements:

- Safety & Security: Burglar Alarm & Access Controls Replacement, Add 16 Digital CCTV Cameras, Lighting Upgrades.

### Systems Upgrades:

- Current Need: Roof (Comp. Shingles); Electrical Systems (Comm./Security); Plumbing Systems (Rain Water Drainage); Ceiling Finishes; Covered Walkways.
- 2008–2012 Need: Roof (Single Ply); Wall and Floor Finishes.

**Planning Assumptions:** Year 5 of Plan

**NATATORIUM** (1975)

### District-wide Improvements:

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrades, Additional fencing, Add 16 Digital CCTV Cameras, Lighting Upgrades.

# SBISD 2007 Bond Plan- Facilities Systems Upgrades

## Support Facilities Upgrades



### Systems Upgrades:

- Current Need: Mechanical Systems (Exhaust Fans, Term/Pkg Units); Electrical Systems (Comm./Security, Service/Distribution, Lighting/Branch Wiring, Site Lighting); Fittings; Ceiling Finishes.
- 2008–2012 Need: Roof (Single Ply – being bid now, not funded yet); Wall, Floor and Ceiling Finishes.

**Planning Assumptions:** Year 4 of Plan

### GESSNER WAREHOUSE A, B, C, D/E BLDG A-MAINTENANCE/OPERATIONS

(1967/74/95)

#### District-wide Improvements:

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrades, Add 16 Digital CCTV Cameras.

#### Systems Upgrades:

- Current Need: Roof (Mod Bit, Openings); Mechanical Systems (Term/Pkg Units); Electrical Systems (Comm./Security)
- 2008–2012 Need: Wall, Floor and Ceiling Finishes.

### BLDG B-TRANSPORTATION (1967/94)

#### District-wide Improvements:

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrades, Add 16 Digital CCTV Cameras.

#### Systems Upgrades:

- Current Need: Roof (Mod Bit, Openings); Mechanical Systems (Term/Pkg Units); Electrical Systems (Comm./Security)
- 2008–2012 Need: Wall, Floor and Ceiling Finishes.

### BLDG C-TEXT BOOK (1968)

#### District-wide Improvements:

- Safety & Security: None.

#### Systems Upgrades:

- Current Need: Roof (Single Ply); Mechanical Systems (Term/Pkg Units); Electrical Systems (Comm./Security)

- 2008–2012 Need: Wall, Floor and Ceiling Finishes.

### BLDG D/E-CHILD NUTRITION/PURCHASING (1977)

#### District-wide Improvements:

- Safety & Security: Burglar Alarm & Access Controls Minor Upgrades, Add 4 Digital CCTV Cameras.

#### Systems Upgrades:

- Current Need: Mechanical Systems (Term/Pkg Units); Electrical Systems (Site Comm./Security, Emergency Generator); Ceiling Finishes; Custom Deficiency (Kitchen Equipment).
- 2008–2012 Need: Wall, Floor and Ceiling Finishes.

**Planning Assumptions:** Year 4 of Plan

### DISTRICT FACILITIES (Not in assessment database)

#### TULLY STADIUM (1966)

#### District-wide Improvements:

- Safety & Security: Additional Fencing, Add 12 Digital CCTV Cameras, Lighting Upgrades.

#### Systems Upgrades:

- *This campus was not assessed in the Facility assessment, but needs have been identified in the following categories over the next 5 years: ADA Upgrades, Elevator, Concession, Turf, Pumps, Press Boxes, Additional Restrooms, Steps and Seating Repairs, Parking Lot Repair, Fencing.*

**Planning Assumptions:** Year 2 of Plan

#### DC COLISEUM (1974)

#### District-wide Improvements:

- Safety & Security: Additional Fencing, Add 12 Digital CCTV Cameras, Lighting Upgrades.

#### Systems Upgrades:

- *This campus was not assessed in the Facility assessment, but needs have been identified*



# SBISD 2007 Bond Plan- Facilities Systems Upgrades Support Facilities Upgrades

*in the following categories over the next 5 years: ADA Upgrades, Roofing, HVAC, Electrical, Restroom Facilities, Ceiling, Exterior Tilt Wall Repair.*

**Planning Assumptions:** Year 2 of Plan

## **GROB STADIUM (1956)**

### **District-wide Improvements:**

- Safety & Security: Burglar Alarm & Access Controls Minor Replacement, Additional Fencing, Add 16 Digital CCTV Cameras.

### **Systems Upgrades:**

- *This campus was not assessed in the Facility assessment, but needs have been identified in the following categories over the next 5 years: ADA Upgrades, Turf, Lights, Concession, Parking Lot Repair, Pumps.*

**Planning Assumptions:** Year 2 of Plan

## **TAX OFFICE (1996)**

### **District-wide Improvements:**

- Safety & Security: Burglar Alarm & Access Controls Minor Replacement, Add 16 Digital CCTV Cameras.

### **Systems Upgrades:**

- *This campus was not assessed in the Facility assessment, but needs have been identified in the following categories over the next 5 years: Lighting, Electrical, Floor Finishes, Paint, HVAC upgrades.*

**Planning Assumptions:** Year 5 of Plan

## **OTHER WAREHOUSE (1996)**

### **District-wide Improvements:**

- None.

### **Systems Upgrades:**

- *This campus was not assessed in the Facility assessment, but needs have been identified in the following categories over the next 5 years: Parking Lot Repair, Lighting.*

**Planning Assumptions:** Year 5 of Plan

## **AG FARM**

### **District-wide Improvements:**

- Safety & Security: Replacement of Old System.

**Planning Assumptions:** Year 5 of Plan



# SBISD 2007 Bond Plan- Facilities Systems Upgrades

## Athletics Upgrades



### Athletics- Maintenance, Improvements

The Spring Branch ISD is at this time reviewing the scope for financing maintenance needs and renovations for an aging facility infrastructure as well as financing for future facility needs. The athletic facilities, both central site and campus, fit into both of these areas.

There is a need for large scale maintenance or renovation and the addition of practice or dressing space at several of our facilities where students train and dress everyday. This list of campus facilities or training facilities that need attention includes high school tennis courts, high school tracks, the Natatorium, the field-houses at both Spring Woods and Memorial High Schools, a gym floor at Spring Forest Middle School, baseball field restrooms, and practice athletic fields at the middle schools and high schools.

There are also several identified additional programming needs in Spring Branch. The needed additions or modifications include, the addition of tennis courts at high schools, lighting two tennis courts at all high schools, additional lighted fields for football/soccer practice and contests on our school campuses, an additional competition track located at a high school, and practice tracks at the middle schools. Just as when needed classroom space is added on a campus, these additions will enhance our programs and make them more appealing to participants, parents, and staff. These additions are just to “catch-up” with surrounding area programs and facilities.

There is a need for maintenance at several contest venues. These include Grob and Tully Stadiums, Don Coleman Coliseum, the Natatorium, and the Memorial High School track. The needs are varied. They include field maintenance, spectator seating, disabled

access, restroom-concession renovation, lighting, fencing, electrical, plumbing, HVAC, and paving. For listing of systems upgrades for Grob, Tully, and Don Coleman, refer to pages 56-57 of this report.

Several of the facilities listed as having immediate needs include venues that are used by district patrons on a daily basis. The tennis courts and tracks which are available to patrons before or after school hours are extensively used by the public throughout the district. Another venue in need of extensive maintenance, the Natatorium, is available for open swimming by our patrons during the summer break.

Our district’s “Five Year” plan goals call for improving safety throughout the district as well as increasing the numbers of extracurricular participants. All of the proposed renovations, maintenance updates, and additional facilities will help facilitate these goals.

On the following page there is a summary of the campus projects in a simple priority ranking by our staff.

### Summary list of needed projects

#### RESURFACE HIGH SCHOOL TRACKS

Tracks at three of the four high schools have not been resurfaced in over fifteen(15) years. The rubberized surface no longer provides cushion and poses a safety concern. Memorial High School is the only site where we can hold a track meet. Excess wear has caused a need for a structural spray and damage repair at the Memorial track.

#### RESURFACE HIGH SCHOOL TENNIS COURTS

All four high schools will need to have their tennis courts resurfaced and cracks repaired over the next five years to prevent deterioration and permanent damage.



# SBISD 2007 Bond Plan- Facilities Systems Upgrades

## Athletics Upgrades

### **ADD TWO TENNIS COURTS TO MEMORIAL & STRATFORD HIGH SCHOOLS**

Both tennis programs have large numbers of participants. Additional courts will provide more practice opportunities and shorten competition times.

### **PROVIDE LIGHTS FOR TWO COURTS AT EACH HIGH SCHOOL**

The lights will provide more practice opportunities and shorten competition times. Since all of our school have limited space to grow this would replace the need to add even more courts.

### **RENOVATE AND ENLARGE FIELDHOUSE AT SP. WOODS & MEMORIAL HS**

These two dressing areas have over 275 students dressing every day. The attached weightrooms accommodate even more students on a daily basis. These two structures were not addressed in the last facility upgrades. The spaces were built in the 1960's when programs were smaller and they don't accommodate the number of athletes who use the areas. HVAC is retro-fit, and there are disability access issues.

### **ADD COMPETITION SUB-VARSITY FOOTBALL/SOCCER FIELDS AT EACH HIGH SCHOOL**

Placing lighted fields at the high schools allows for more lighted venues without having to add basic infrastructure such as parking. More lighted fields will allow expansion and more flexible scheduling of programs. Presently we have only two lighted fields. (Tully & Grob). Adding lighted competition fields allows for later start times and earlier finishes for our present programs. Underclass football games must start at 3:30pm and end after 9:30pm on school nights. Middle school contests have limited game times, but even so game times extend past 9:00pm. Memorial High School track field could be turned into a competition field by renovating the field, adding a sprinkler system, scoreboard, field lighting, some additional stands, and restroom renovations. Other high schools would need to

have additional paving, stands, a small press box, field renovation, scoreboard, field lighting, and renovation of the baseball field restrooms.

### **ADD A VARSITY SOCCER & SUB-VARSITY FOOTBALL FIELD**

Instead of renovating the track field at Spring Woods HS, this plan calls for building a new competition field at the corner of Hammerly and Gessner. This field would have underground drainage and width to accommodate a Varsity soccer field. A new concession stand and restroom facility would be included. This would place a competition field within very easy reach of five secondary schools.

### **ADD A FIELD WITH A COMPETITION TRACK**

Instead of renovating the track field at Stratford HS, this plan calls for building a new competition field and competition track near the present baseball complex. The track would be able to hold competitions and would have eight lanes which are 42 inches wide. This would allow for an additional site for the district to hold track meet competitions. A new restroom and concession building would be added to accommodate both the new field and the baseball field, and tennis courts.

### **ADD A THREE LANE PRACTICE TRACK TO EACH MIDDLE SCHOOL**

We have track and field programs at each middle school but we do not provide any on campus facilities at which to practice. Also these would provide additional venues for patrons who want to use school grounds for exercise venues

### **RENOVATE GRASS FOOTBALL/SOCCER FIELDS ON CAMPUSES**

This includes 12 high school and 14 middle school fields. The fields would be renovated over a 5 – 8 year period. It would include replacement or addition of sprinkler systems, improved drainage, and improved turf. This will

# SBISD 2007 Bond Plan- Facilities Systems Upgrades

## Athletics Upgrades



help the fields remain usable more often with adverse weather conditions and increased play. It would also increase the safety of the fields.

### **ADD TWO TENNIS COURTS AT SPRING WOODS HIGH SCHOOL**

The tennis program can be accommodated by the addition of lighting.

### **RENOVATE BASEBALL AND SOFTBALL FIELDS**

This includes 8 fields and would also include rebuilding infields.

### **ADD ADDITIONAL COVERED SEATING AREAS TO OUR TENNIS COURTS**

This addition would accommodate both students and spectators at these venues

### **REPLASTER POOL, REPLACE BULKHEAD & BLOCKS IN THE NATATORIUM**

These items are included in the systems upgrades.

### **REPLACE GYM FLOOR AT SPRING FOREST MS**

This is included in the “systems report”.