

CEDAR SPRINGS PUBLIC SCHOOLS
2011 BOND ISSUE STUDY
DISTRICT ADVISORY TEAM
CONCEPTUAL COST ESTIMATES

HIGH PRIORITY 2012-2015

SINKING FUND ELIGIBLE

I. Re-Paving all Central Campus Drives

A. Assumptions

1. Mill and repave asphalt (final thickness does not increase)
2. Curb and gutter work
3. Sub-pavement aggregate work as required
4. Existing widths adequate
5. Existing radiuses adequate
6. Approx. 250,000 SF of paving

B. Cost: \$1,000,000-1,500,000

II. Parking Expansion at Cedar Trails Elementary, Beach Elementary and High School – Improved Pick-Up/Drop-Off

A. Assumptions:

1. 50 cars at Cedar Trails
2. 25 cars at Beach
3. 100 cars at High School

B. Cost: \$235,000-\$450,000

1. Cedar Trails - \$70,000-\$150,000
2. Beach - \$35,000-\$100,000
3. High School - \$130,000-\$200,000

III. Re-Paving all Central Campus Parking Lots

A. Assumptions:

1. Mill and repave asphalt (final thickness does not increase)
2. Curb and gutter work as needed
3. sub-pavement work as needed
4. No expansion of parking lots included
5. New overflow bus parking lot excluded
6. Approx. 592,000 SF

B. Cost: \$2,000,000-\$2,500,000

IV. New Gymnasium Flooring at Beach Elementary and Cedar View Elementary

A. Assumptions:

1. Beach Gymnasium area: 5,100 SF
2. Cedar View Lunch room area: 10,200 SF
3. Remove and dispose of existing flooring
4. New rubber flooring
5. Welded edges
6. No under slab moisture problems (polyethylene membrane to prevent wicking of moisture up into the slab)
7. New rubber base at perimeter
8. Game striping included

B. Cost: \$150,000 to \$160,000

V. Technology

A. Assumptions:

1. Cabling
2. Data Upgrade
3. Technology UPS
4. Redundant Fiber

B. Cost: \$700,000-900,000

VI. Passive Security Modifications at School Entrances

A. Assumptions:

1. Provide inner vestibule doors and glass panels to route visitors to office
2. Inner vestibule doors to be automatically locked after certain time in AM
3. Perimeter doors to be automatically locked (electric hardware)
4. No Red Hawk, no Middle School, no Hilltop revisions

B. Cost: 100,000-119,000

1. Cedar Trails: \$20-25,000
2. Beach: \$28-32,000
3. Cedar View: \$18-22,000
4. High School: \$34-40,000

MEDIUM PRIORITY 2016-2019

VII. Site Revisions at Hilltop and Red Hawk Elementary

A. Assumptions:

1. Remove 4 tennis courts and perimeter fencing at Red Hawk Elementary
2. Remove 2 tennis courts and related perimeter fencing at Hilltop
3. Import 8" topsoil at old tennis court areas
4. Hydro-mulch
5. No irrigation system
6. Provide landscape material (evergreen trees)

B. Cost: \$115,000-125,000

1. Red Hawk: \$75-80,000
2. Hilltop: \$40-45,000

VIII. Replacement of Entry Doors and Frames – Energy Savings

A. Assumptions:

1. 12 ft wide end of corridor opening to exterior
2. New aluminum flush door, or FRP flush door
3. Window panel in upper portion of door
4. New aluminum frame (anodized aluminum)
5. Pair of doors with sidelights on both sides and above door
6. Safety glass at all windows
7. Electric door strikes (control from office)

B. Cost: \$6,000-8,000

IX. Energy Enhancements

Cost: \$480,000

1. Boiler enhancements \$300,000
2. Energy Controls \$180,000

LOWER PRIORITY 2019-2022

X. Carpet Replacement - \$812,000

Playground Enhancements at Cedar Trails and Beach Elementary

A. Assumptions:

1. Addition of 1 additional structure to each playground
2. 50+ student capacity per structure

3. Includes site work and installation
- B. Cost: \$60-70,000
 1. Cedar Trails: \$30-35,000
 2. Beach Elementary: \$30- 35,000

XI. Technology

- A. Public Address Systems
 1. New central console required
 2. New speakers required
 3. Existing wiring is ok
- B. Cost: \$115,000 - \$140,000
 1. Cedar Trails: \$40-50,000
 2. Beach \$25-30,000
 3. High School: \$50-60,000
- C. Data Upgrades, Technology UPS,
- D. Cost: \$700,00-900,000

XII. Landscaping/Grounds Maintenance

- A. Maintain/upgrade existing landscaping to include low maintenance planting
- B. Cost: \$160,000-\$200,000

OTHER NEEDS IDENTIFIED BY COMMITTEE

BOND OR SINKING FUND ELIGIBLE

I. Synthetic Turf at High School Stadium

- A. Assumptions:
 1. Remove and dispose of natural turf
 2. Leave D zones at track curves
 3. Leave and protect track
 4. Include striping for football and soccer
- B. Cost: \$750,000 - \$850,000

II. Auxiliary Gymnasium at High School

- A. Assumptions:
 1. 8800 SF of net floor area for Gymnasium (80' x 110')

2. 300 SF for a Storage Room
 3. 1000 SF for Entrance Lobby and connector to existing building
 4. 500 SF of wall construction area
 5. 400 SF of mechanical room area
 6. 300 bleacher seats (electric operation)
 7. 30 ft. clear height (for volleyball)
 8. 6 basketball backboards (hinged with electric operation)
 9. 2 volleyball nets (hinged with electric operation)
 10. Acoustic panels for sound control
 11. High-bay fluorescent lighting (instant on, good color rendition)
 12. Impact resistant high wall translucent panels for natural lighting
 13. Wood floor mounted on rubber pads
 14. Basketball court size: 50' x 94'
 15. No Locker Rooms required (use existing if nearby)
 16. Fully sprinkled
 17. No air conditioning (ventilation only)
 18. Wall pads at first 8ft on all walls
- B. Cost: \$1,900,000 to \$2,500,000

BOND ONLY NOT ELIGIBLE FOR SINKING FUND

III. Technology Upgrade

- A. Audio Enhancements Elementary - \$200,000
- B. 700 Computers - \$600,000
- C. Classroom Projectors