

GCISD FACILITY HIGHLIGHTS OF  
PROPOSED BOND PROGRAM 2010



**Facility Highlights of Proposed  
Bond Program 2010**  
*for*  
**GRAPEVINE-COLLEYVILLE ISD**



## GCISD FACILITY HIGHLIGHTS OF PROPOSED BOND PROGRAM 2010

<b>ADMINISTRATION BUILDING</b>				<b>\$309,231</b>
Year Built:	Addition:	Addition:	Addition:	
1974	91-92	00-01	09-10	

**Site Work:**

**Building Additions:**

**Building Renovations:**

- Clean, seal seams and coat entire roof on PTA Building
- Replace roof and roof insulation on portable building (Curriculum Building #1)
- Add new moveable file bays expand the Network Operation Center (NOC)

**Security & Safety:**

- Add 2 exterior IP security cameras

**Fixtures, Furniture & Equipment:**

- Add and replace building wall pack lighting
- Replace large capacity and high volume color copiers
- Replace and upgrade HD video camera for production videos
- Add portable sound system
- Add microphones (QTY 12)
- Replace outdated video editing equipment
- Add a server with software to manage bidding/procurement documents
- Add portable production studio



## GCISD FACILITY HIGHLIGHTS OF PROPOSED BOND PROGRAM 2010

<b>BEAR CREEK ELEMENTARY</b>			<b>\$2,679,064</b>
Year Built: 1987	Addition: 92-93	Addition: 06-07	

**Site Work:**

**Building Additions:**

- Add two classrooms and install partitions to provide ability to divide rooms in half
- Add set of student restrooms and water fountains between 3rd and 4th grade halls

**Building Renovations:**

- Replace 2 refrigerated food pass thru cabinets with doors on both sides
- Office Reconfiguration: Move principal's office and storage to conference room; remove wall between principal's office and clinic to expand clinic; relocate conference room to existing room AA3; paint and refinish renovated areas
- Update sinks with tempered water
- Convert existing restrooms in classrooms C6 and C8 to a single restroom with space for wheelchair accessibility and changing table
- Replace 2 HW boilers with high efficiency type
- Provide separate A/C for kitchen and 2 computer labs
- Upgrade DDC control system: replace pneumatic control with DDC for VAV boxes and replace room sensors with slider adjustment sensors
- Overhaul and balance Break Room HVAC for proper cooling
- Provide DDC illumination sensors and local manual override for exterior lighting
- Replace central domestic water heater
- Add security lights to back of building
- Replace and repair roof
- Renovate motor lab: add new roof top unit and duct work; replace ceiling grid and tile; paint walls; replace floor finish; provide new cabinet doors; replace entry door assembly with single door
- Reseal building joints and wet seal windows and doors

**Security & Safety:**

- Add 2 IP security cameras on exterior of building

**Fixtures, Furniture & Equipment:**

- Add or replace cafeteria tables
- Rewire lights for individual control of each row
- Add or replace classroom furniture
- Add or replace library furniture
- Add or replace library books and/or add audio books and e-books



## GCISD FACILITY HIGHLIGHTS OF PROPOSED BOND PROGRAM 2010

<b>BRANSFORD ELEMENTARY</b>		<b>\$914,851</b>
Year Built: 1993	Addition: 99-00	

**Site Work:**

**Building Additions:**

**Building Renovations:**

- Replace 2 ft. tall iron fence at front of school with 6 ft. tall chain link fence to create a secured play area
- Replace floor tile
- Replace walk-in freezer and cooler
- Replace 2 food pass thru cabinets with doors on both sides
- Replace 2 refrigerated food pass thru cabinets with doors on both sides
- Replace electric steamer/convection oven
- Replace fixtures and partitions in restrooms in 2nd & 3rd grade halls
- Replace fixtures and partitions in restrooms in K and 1st grade halls
- Replace fixtures and partitions in restrooms in 4th and 5th grade halls
- Expand existing bathroom in classroom A2 by moving wall to create space for wheelchair accessibility and changing table. Match floor and wall finishes. Existing sinks, toilets and accessories to remain.
- Replace kitchen AHU with dedicated RTAC
- Upgrade DDC control system: Replace pneumatic control with DDC for VAV boxes and replace room sensors with slider adjustment sensors.
- Provide DDC control for exterior lighting with local manual override
- Replace faucets at restroom lavatories
- Replace damaged exit lights
- Replace picnic canopy roof
- Reseal main building joints and wet seal windows and doors

**Security & Safety:**

**Fixtures, Furniture & Equipment:**

- Add or replace cafeteria tables
- Add or replace classroom furniture
- Add or replace library books and/or add audio books and e-books
- Replace maps and globes
- Add or replace library furniture



## GCISD FACILITY HIGHLIGHTS OF PROPOSED BOND PROGRAM 2010

<b>CANNON ELEMENTARY</b>					<b>\$2,887,574</b>
Year Built: 1958	Addition: 1980	Addition: 1988	Addition: 2001	Addition: 2008	

**Site Work:**

**Building Additions:**

**Building Renovations:**

- Replace electric steamer/convection
- Replace central heated/chilled water and AHU systems with new rooftop A/C
- Replace Kitchen rooftop A/C unit
- Remove abandoned A/C unit
- Provide DDC illumination sensors and local manual override for exterior lighting
- Replace and repair roof
- Reseal building joints and wet seal windows and doors

**Security & Safety:**

**Fixtures, Furniture & Equipment:**

- Add or replace cafeteria tables
- Add or replace classroom furniture
- Add or replace library furniture
- Replace existing cat 5 cabling with cat 5e to provide more network functionality, speed and efficiency



GCISD FACILITY HIGHLIGHTS OF  
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PROFESSIONAL DEVELOPMENT AND EDUCATION CENTER					\$193,717
Year Built:	Addition:	Addition:	Addition:	Addition:	
1962	1972	1977	1994	1995	

**Site Work:**

**Building Additions:**

**Building Renovations:**

- Replace kitchen rooftop A/C unit (RTAC-17)
- Replace SSAC condensing unit over stage
- Replace 2 domestic water heaters in kitchen
- Replace electric water coolers - 6 units
- Replace and repair roof
- Reseal building joints and wet seal windows and doors

**Security & Safety:**

**Fixtures, Furniture & Equipment:**

- Add hot water in special education and workroom
- Add 1 Netbooks mobile lab



GCISD FACILITY HIGHLIGHTS OF  
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<b>COLLEYVILLE ELEMENTARY</b>			<b>\$300,912</b>
Year Built:	Size:	Capacity:	
2006	81,512 sq ft	688	

**Site Work:**

**Building Additions:**

**Building Renovations:**

- Add 2 covered walkways for bus student drop off and pick-up
- Enlarge concrete slab at play area - approx. 1700 sq. ft.
- Add retaining wall between playground and CMS stand alone gym
- Provide DDC illumination sensors and local manual override for exterior lighting
- Reseal building joints and wet seal windows and doors

**Security & Safety:**

**Fixtures, Furniture & Equipment:**

- Add or replace classroom furniture
- Add or replace library books and/or add audio books and e-books



## GCISD FACILITY HIGHLIGHTS OF PROPOSED BOND PROGRAM 2010

<b>COLLEYVILLE HERITAGE HIGH SCHOOL</b>		<b>\$10,589,372</b>
Year Built: 1996	Addition: 2007	

**Site Work:**

**Building Additions:**

- Enclose K and L hall pass-through
- Expand coaches' shower

**Building Renovations:**

- Secure the control booth for light and sound
- Add 2 black curtains for this theater
- Add smoke/dust exhaust collection system; engineering tech labs do not have sawdust/smoke removal system
- Replace or upgrade water heater
- Jack-weld gym 1 bleachers
- Replace floor or provide venting for floating floor to eliminate humidity and moisture at the center of the gym floor
- Add water fountains outside of locker rooms
- Replace Hussey seats in gym 3
- Replace key switches on lights with toggle switches
- Replace 3 refrigerated food pass thru units
- Replace condenser on the walk-in unit
- Replace electric steamer/convection oven
- Add sound proof door between C126 & lecture hall
- Add lighting in parking lot - 10 poles
- Replace plumbing fixtures (faucets, gas jets, etc.) in all science labs
- Relocate gate at senior parking lot
- Replace gas unit heaters in garage in lower mechanical room
- Modify Chiller 2 and 3 with VFD control
- Replace non-adjustable JCI sensors with slider adjustment sensors - 215 sensors
- Provide DDC control for exterior lighting with local manual override
- Relamp and ballast all stadium lighting
- Install emergency lighting in gyms 1 and 2
- Upgrade lighting control of stadium lights
- Upgrade sound system in auditorium
- Install VFD control for the following AHU's: 2,5,6,8,10,11,12,13,14,15,16,17,18
- Provide VFD and CO2 control for OA AHU's serving classrooms - 5 units
- Install VFD control for cooling tower
- Replace VFD for secondary HW pump #1
- Replace VFD for AHU-1 supply/return fans
- Replace 3 JCI NcM's with N2 and Bacnet NAEs
- Replace JCI DDC controllers at all 20 AHU's with new FEC controllers
- Replace and repair roof
- Reseal building joints and wet seal windows and doors



## GCISD FACILITY HIGHLIGHTS OF PROPOSED BOND PROGRAM 2010

### ***Security & Safety:***

- Add 2 IP security cameras (exterior)
- Add 3 IP security cameras (interior)
- Replace 4 library cameras with IP cameras and connect to District-wide camera system

### ***Fixtures, Furniture & Equipment:***

- Replace weight equipment
- Replace two potters wheels and drying rack
- Add ice machine
- Replace broken Wenger lockers
- Add and or replace cafeteria tables and chairs
- Add or replace classroom furniture
- Replace softball scoreboard
- Replace filming tower
- Add hand rails up center aisle of bleachers to be ADA compliant
- Replace two scoreboards in gym 1 - replacement boards to be 10'H x 18"W with LED programmable names, player/foul panels, transitional headers, spirit/sponsors signs, and full color mascot panels
- Add or replace library books and/or add audio books and e-books
- Add or replace library furniture
- Replace electronic balances for 5 chemistry labs
- Replace glassware for 16 labs with beakers, flasks, test tubes, thermometers
- Replace goggles for 16 labs
- Replace hot plates for 5 labs
- Replace microscopes for 5 biology labs
- Replace outdated UIL One Act stage set
- Replace high jump pits and pole vault pits and covers



## GCISD FACILITY HIGHLIGHTS OF PROPOSED BOND PROGRAM 2010

<b>COLLEYVILLE MIDDLE</b>					<b>\$7,495,255</b>
Year Built:	Addition:	Addition:	Addition:	Addition:	
1975	1985	1996	2001	2007	

**Site Work:**

**Building Additions:**

- Add lecture hall (1400 sq. ft. addition)

**Building Renovations:**

- Add artificial turf on football field; price includes synthetic turf on football field and sidelines within the track and a latex surface on concrete in each "D" area of the track
- Repair or replace roof on football concession stand
- Replace service elevator
- Replace exterior canopies
- Replace walk-in freezer and cooler
- Replace 2 refrigerated pass thru cabinets with doors on both sides
- Replace 2 steam tables; buffet style, electric with 6 wells
- Replace double-stacked steamer; two section convection steamer
- Replace hot holding pass thru cabinet with doors on both sides
- Replace kitchen flooring and replace flooring in the walk-in freezer/cooler
- Replace service elevator (dumb waiter)
- Replace all water faucets and gas cocks in science wing
- Reconstruct track by replacing with concrete base, new surface, topcoat, restripe
- Replace rooftop A/C units with high efficiency Type RTAC 18,19,25,29,30,31
- Replace SSAC #1 for teachers lounge with hi-efficiency heat pump
- Replace condensing unit #2 for room 114 with hi-efficiency heat pump
- Remove 3 abandoned heating units over old gym #1
- Replace 4 heating and venting systems serving locker area new rooftop A/C
- Replace 4 exhaust fans
- Replace non-adjustable JCI sensors with slider adjustment sensors - 65 sensors
- Replace water heater serving kitchen
- Replace electric water heater and circulation pump in janitor room
- Replace all wall-mounted Bradley shower units
- Install water isolation valves throughout building
- Replace faucets at all janitor sinks
- Correct kitchen waste line tied to roof drain
- Modify main gas service from low pressure to medium pressure
- Provide new fire sprinkler system
- Re-index all electrical panels
- Replace batteries and ballasts at all emergency light fixtures in building
- Replace roof with composition roof, install new thru wall flashing
- Reseal building joints and wet seal windows and doors

**Security & Safety:**

- Add 3 IP security cameras (exterior)
- Add 1 access control reader



## GCISD FACILITY HIGHLIGHTS OF PROPOSED BOND PROGRAM 2010

### ***Fixtures, Furniture & Equipment:***

- Add and or replace rectangular cafeteria tables with octagonal tables and chairs
- Add portable sound mixer
- Add or replace classroom furniture
- Add pigeon deterrent hardware (spikes along the perimeter of the building)
- Add or replace library books and/or add audio books and e-books
- Add or replace library furniture



## GCISD FACILITY HIGHLIGHTS OF PROPOSED BOND PROGRAM 2010

<b>CROSS TIMBERS MIDDLE</b>			<b>\$9,073,710</b>
Year Built:	Addition:	Addition:	
1990	N/A	2007	

**Site Work:**

**Building Additions:**

**Building Renovations:**

- Remove carpet and finish concrete floors in room A-3
- Replace brick soffit/column and repair front door
- Add kitchen area for career classes
- Change kitchen electrical to separate breaker from SAC
- Replace 2 steam tables; buffet style, electric with 6 wells
- Replace hot holding pass thru cabinet with doors on both sides
- Replace refrigerated pass thru cabinets with doors on both sides
- Replace walk-in freezer and cooler
- Replace carpet in library
- Replace circulation desk and/or modify desk with a shorter portion for wheelchair access
- Rebuild football practice field and add crown for proper drainage
- Replace and add lighting in library
- Replace gas jets in science labs
- Replace plumbing and drains in science labs
- Overcoat track surface and restripe
- Replace all vinyl tile in halls and common areas
- Provide gym speakers from main PA system
- Provide new sound/speakers at football field
- Replace 2 HW boilers with high efficiency type
- Upgrade VAV and MZU air handling units serving classrooms and counselor's office
- Provide new dedicated rooftop A/C systems for gym #1 and locker area
- Replace pneumatic controls with DDC for VAV boxes
- Replace room sensors with adjustment sensor - 110.
- Provide DDC control for exterior lighting with local manual override
- Replace 2 domestic water heaters in boiler room
- Install water isolation valves throughout building
- Replace showers in all athletic areas
- Replace electric water heater in janitor room
- Replace faucets for all mop sinks
- Add new building emergency lighting with battery ballasts to replace emergency generator system
- Provide emergency lighting for old gym
- Replace and repair roof
- Reseal building joints and wet seal windows and doors

**Security & Safety:**

- Add 2 access control readers
- Add 1 IP security camera (exterior)
- Add 2 IP security cameras (interior)



## GCISD FACILITY HIGHLIGHTS OF PROPOSED BOND PROGRAM 2010

### ***Fixtures, Furniture & Equipment:***

- Replace kiln
- Add and or replace rectangular cafeteria tables with octagonal tables and chairs
- Add or replace classroom furniture
- Replace football scoreboard
- Replace desks with folding top (75) in lecture hall
- Add or replace library books and/or add audio books and e-books
- Add or replace library furniture
- Upgrade sound system
- Add high jump pit/cover



## GCISD FACILITY HIGHLIGHTS OF PROPOSED BOND PROGRAM 2010

<b>DOVE ELEMENTARY</b>					<b>\$996,206</b>
Year Built:	Addition:	Addition:	Addition:	Addition:	
1972	1986	1988	1994	2001	

**Site Work:**

**Building Additions:**

**Building Renovations:**

- Replace 2 cold holding pass thru cabinets with doors on both sides
- Replace 2 hot holding pass thru cabinets with doors on both sides
- Replace counter that is in office
- Add new restroom adjacent to classroom E2 that includes space for wheelchair accessibility and changing table
- Restrooms: replace 28 toilets, 15 sinks, 7 drinking fountains and 16 toilet partitions. Patch wall and floor finishes as required to replace fixtures
- Replace SSAC#1 with high efficiency heat pump
- Replace 2 roof top A/C units serving classrooms
- Provide DDC illumination sensors and local manual override for exterior lighting
- Replace kitchen water heater
- Replace electric water coolers - 8 units
- Provide additional exterior wall pack lighting
- Replace and repair roof
- Reseal building joints and wet seal windows and doors

**Security & Safety:**

**Fixtures, Furniture & Equipment:**

- Add and or replace cafeteria tables
- Add or replace classroom furniture
- Add or replace library furniture



## GCISD FACILITY HIGHLIGHTS OF PROPOSED BOND PROGRAM 2010

<b>DISTRICT-WIDE</b>	<b>\$41,528,967</b>
Year Built: N/A	

### **Site Work:**

### **Building Additions:**

### **Building Renovations:**

- Paint interior/exterior of buildings as needed
- Add power to support technology (1,023 instructional rooms)
- Replace flooring in non-school facilities as needed
- Replace flooring in elementary schools as needed
- Replace flooring in high Schools as needed
- Replace flooring in middle schools as needed

### **Security & Safety:**

- Replace analog security cameras 10+ years old (approx. 242) with digital IP cameras
- Replace 15 access control readers
- Add 10-48 port PoE switches to be used as needed to add or replace cameras
- Replace IP cameras as they fail

### **Fixtures, Furniture & Equipment:**

- Add and replace band instruments and equipment annually as needed
- Add and replace music instruments and equipment
- Replacement allowance for sections/apparatus of elementary play structures
- Replace audiometers (Qty 20)
- Replace 6 cots
- Replace auto creaser; includes cabinet, perforating wheel and manual
- Replace multiple spindle paper drill
- Replace manual paper cutter with programmable paper cutter; includes touch screen color display, air table safety light beam curtain, UL listed windows based software with USB port, 99 channels with 47,000 cut programming, two knives, false clamp, jogging
- Add automated folder; with touch screen controller - 40,000 folds per hour, 6 buckles + fold knife+ 2 buckles below knife
- Replace video streaming server
- Repaint fire lanes and parking lots every other year (2011, 2013, and 2015)
- Repair and patch roofs as needed
- Replace buffers -19
- Replace burnishers - 19
- Replace carpet extractors - 19
- Replace scrubbers - 19
- Replace vacuums - 48
- Replace wet vacuums - 24



## GCISD FACILITY HIGHLIGHTS OF PROPOSED BOND PROGRAM 2010

### ***Technology:***

- Add "kiosk" (computer workstation and task chair) with networked PC and printer at 23 locations
- Add adaptive technology equipment/devices as needed
- Replace emergency radios (OCT-14, BCES-18, CAN-13, CES-14, GHES-14, BES-15, DES-15, HES-15, GES-16, GHS-19, GMS-20, CMS-21, CTMS-21, TES-21, CHHS-23, HMS-25, PDEC-6, SLK-10, Admin-10)
- Add walkie-talkies (QTY 50)
- Add virtual reference library to all schools
- Add personal computing device initiative 1:1 for secondary students
- Replace flat screen monitors for security camera monitoring stations (Qty 20)
- Add bundle of 3 classroom tools; includes: interactive white board, slates and student response systems)
- Expand Storage Area Network (SAN)
- Replace uninterrupted power supplies and/or batteries for MDFs
- Replace old mobile labs at elementary school campuses with NetBook mobile lab carts
- Add and/or replace network electronics
- Replace 4,600 computers over 5 year period to include desktops, laptops and Netbooks
- Add data drops in classrooms to bring total count per classroom up to 8
- Replace 10% of existing projectors per year
- Add projectors and document cameras for remaining "common" areas (band halls, cafeteriums, and libraries)
- Replace 20% of existing laser printers per year
- Add approximately 300 network drops
- Replace and upgrade analog video network with digital video network (OVC & Cable Feed)
- Add 300 portable video cameras
- Expand wireless in all buildings
- Replace and upgrade Voice Over IP phone system
- Move and/or add AV jacks and data drops as requested/needed



GCISD FACILITY HIGHLIGHTS OF  
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EARLY CHILDHOOD	\$328,226
Year Built: N/A	

**Site Work:**

**Building Additions:**

**Building Renovations:**

- Replace SSAC in place with high efficiency type serving south child care areas (3 units)
- Replace SSAC systems serving north child care/kitchen, for proper zoning and cooling
- Upgrade Replacement DDC System: Replace JCI NcM with new Bacnet controllers, new temperature sensors with slider adjustment
- Replace 3 exterior drinking fountains
- Upgrade electric service for Kitchen
- Replace valley flashings
- Reseal building joints and wet seal windows and doors

**Security & Safety:**

**Fixtures, Furniture & Equipment:**



## GCISD FACILITY HIGHLIGHTS OF PROPOSED BOND PROGRAM 2010

<b>FACILITY SERVICES</b>	<b>\$122,934</b>
Year Built: 1974	

**Site Work:**

**Building Additions:**

**Building Renovations:**

- Roof repair and maintenance

**Security & Safety:**

**Fixtures, Furniture & Equipment:**

- Add or replace walk-behind concrete cutter
- Replace 27 HP diesel mowers and 72" deck (2)
- Replace blowers (5)
- Replace stick edgers (3)
- Replace weed eaters (5)
- Replace coring drill 8"
- Replace mower sun-shade protection (5)
- Replace 2 Tractors (1986 & 1991 Kubota Models)
- Replace maintenance truck # 001
- Replace maintenance truck # 217; include tool box
- Replace maintenance truck # 218: include tool box
- Replace (500) 3/4 ton with a one ton shop truck



## GCISD FACILITY HIGHLIGHTS OF PROPOSED BOND PROGRAM 2010

GRAPEVINE ELEMENTARY		\$903,107
Year Built: 1994	Addition: 99-00	

**Site Work:**

**Building Additions:**

**Building Renovations:**

- Replace and extend awnings to cover students during dismissal in inclement weather conditions
- Replace 2 holding pass thru cabinets with doors on both sides
- Replace 2 refrigerated pass thru cabinets with doors on both sides
- Replace walk-in freezer and cooler
- Replace eclectic double-stacked steamer/convection oven, floor model type
- Replace Aeon rooftop A/C units serving classrooms (6 units)
- Provide DDC illumination sensors and local manual override for exterior lighting
- Upgrade fluorescent pendant lighting in cafeteria for proper illumination
- Provide emergency lighting for restrooms
- Re-roof portable building and repair main building roof
- Replace window with exterior door in south wall of cafeteria and install chain link fence to provide enclosed access from playground to building
- Reseal building joints and wet seal windows and doors
- Remove wall board and reinforce wall to support changing table; patch and repair wall finish to match existing

**Security & Safety:**

- Add 3 IP security cameras (exterior)

**Fixtures, Furniture & Equipment:**

- Add and or replace cafeteria tables
- Add or replace classroom furniture
- Add or replace library furniture
- Replace concrete border with plastic kid timber border to match other
- Replace existing cat 5 cabling with cat 5e to provide more network functionality, speed and efficiency



## GCISD FACILITY HIGHLIGHTS OF PROPOSED BOND PROGRAM 2010

<b>GLENHOPE ELEMENTARY</b>		<b>\$2,138,905</b>
Year Built: 1995	Addition: 99-00	

**Site Work:**

**Building Additions:**

**Building Renovations:**

- Pave area used as parking near front of building; do not remove trees
- Replace 2 hot pass thru cabinets with doors on both sides
- Replace 2 refrigerated pass thru cabinets with doors on both sides
- Add existing corridor space in room 216 to expand existing bathroom to create space for wheelchair accessibility and changing table; includes relocating shower
- Replace Aeon rooftop A/C units serving classrooms (6 units)
- Replace exhaust fan serving restrooms
- Replace non-adjustable JCI sensors with slider adjustment sensors - 45 sensors
- Provide DDC control for exterior lighting with local manual override
- Replace 2 water heaters in mechanical room
- Replace 2 electric water heaters in janitor rooms
- Install emergency lighting in restrooms and classrooms 117, 216, 219
- Replace and repair roof
- Reseal building joints and wet seal windows and doors

**Security & Safety:**

**Fixtures, Furniture & Equipment:**

- Add and replace cafeteria tables
- Add or replace classroom furniture
- Add or replace library furniture
- Replace existing cat 5 cabling with cat 5e to provide more network functionality, speed and efficiency



## GCISD FACILITY HIGHLIGHTS OF PROPOSED BOND PROGRAM 2010

GRAPEVINE HIGH SCHOOL					\$13,652,990
Year Built: 1968	Addition: 1977	Addition: 1980	Addition: 1986	Addition: 2000	

**Site Work:**

**Building Additions:**

- Add large storage room on east side of gym 1
- Add storage space for PT/OT staff

**Building Renovations:**

- Renovate area to create a 5x8 sound proof in room 508
- Repair foundation
- Add convex diffuser panels for walls (Wenger type 1)
- Add diffuser panels for ceiling (Wenger Pyramidal)
- Add or replace backflow device for 900 wing
- Renovate Ag Barn restrooms
- Renovate Ag Barn workroom
- Replace electrical light panels ("stacks") in auditorium
- Repair acoustic shell in auditorium
- Replace spot lights in auditorium
- Upgrade spray booth to use "water-born" paint before 2012
- Upgrade Ecology Center by running underground electricity to aviary, electricity to the stage area for sound, replace the circuit box, repair/replace the perimeter fencing, expand and repair the plumbing to aviary and wildflower area, and relocate entrance gate to facilitate safe entry and accessibility for maintenance
- Add smoke/dust exhaust collection system in tech lab rooms 910 and 907
- Add hot water faucet in English workroom
- Add or replace storm drains in front of choir and gym 4 locker area
- Replace storm drain on north exterior side of gym 2
- Replace bleachers in gym 1
- Float foundation to add tile throughout in main corridors
- Add humidity control system for library
- Add HVAC zoning to improve comfort in 808 B, D-choir
- Add drainage ditch to handle water that stands after rain
- Add clay traps for both sinks in room 709
- Add utility sink for sculpture room
- Remove sliding walls and replace with permanent in room 213/214, 208/210 and 107/110
- Improve drainage on softball field to include excavation, additional select fill material, and different grading
- Vent hoods, add to biology and chemistry science rooms
- Renovate and/or expand building for career and technology center
- Add storm drain on the outside of room #916
- Replace partitions in the upper SAC restrooms
  
- Replace rooftop A/C units with high efficiency Type RTAC G1-G5, 4,25-36,38-44,46-49
- Replace Chiller#3 serving Science Wing with two smaller chillers
- Replace SSAC #C and D with single RTAC serving room 910



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- Install VFD's for the following AHU's: 5,6,7,15,17,18
- Replace HW Boilers 1 and 2 serving central plant with new high efficiency type
- Replace kitchen AHU with dedicated RTAC:
- Provide separate A/C for ensemble and office served by unit #G9
- Provide new A/C for auditorium dimmer room for cooling protection
- Replace 4 unit heaters in auto mechanical shop
- Replace unit heater in AHU mechanical room
- Replace unit heater in chiller mechanical room
- Replace HW unit heater in 700 hall mechanical room with gas unit heater
- Replace 3 unit heaters in Ag Barn #2 and add unit heaters at east end
- Replace 4 unit heaters in Ag Shop
- Replace concentric supply/return diffusers in classrooms 213,214,623,624 with ducted systems
- Add RA grille in locker room for RTU-M2
- Install S/S backdraft dampers at all existing fume hood exhaust fans in science wing
- Install exhaust fan in gym #2 electrical room
- Replace non-adjustable JCI sensors with slider adjustment sensors - 150 sensors
- Provide DDC control for exterior lighting with local manual override
- Lower 4" RPZ in mechanical room to meet code
- Install roof hydrant over auditorium
- Replace water heater in 900 south hall
- Provide new electric water cooler in room 923
- Provide emergency eyewash stations for auto body, auto mechanics, Ag room 910
- Replace water heater in north mechanical room
- Install new electric water heater in dark room
- 2 roof drains over library tied to sewer - reroute to storm drain system
- Replace Bradley column shower for gym 1 boys locker area
- Replace all wall-mounted showers in gym 1 girls locker area
- Lower 2 sprinkler heads in auditorium
- Replace 2 mixing valves in gym 1 locker area
- Replace MH pendant lighting in student activity center with high efficiency T8 fluorescent lighting
- Provide new electric panel at auditorium stage and modify maxed-circuit panels
- Upgrade electric service to RTU 25-49 with separate circuits to each unit
- Provide new local electric panel and upgrade electrical service for gym #1 concession
- Provide new dedicated ckts/outlets for teachers lounge--8 outlets
- Replace electrical panel at baseball concession
- Upgrade emergency lighting in gym 1 and 2
- Replace and repair roof
- Reseal building joints and wet seal windows and doors

### **Security & Safety:**

- Add 1 IP security cameras (interior)

### **Fixtures, Furniture & Equipment:**

- Add music octavo storage boxes
- Replace uniforms for 220 students (Tuxedos/Formal Dresses/Jazz Costumes)
- Add portable P/A System
- Add stereo integrated amplifier with rack mounts
- Add spill containment storage drums fuel storage



## GCISD FACILITY HIGHLIGHTS OF PROPOSED BOND PROGRAM 2010

- Add new brake lathe and diagnostic scanner in auto shop
- Replace filming tower
- Add or replace cafeteria tables and chairs
- Add or replace classroom furniture
- Add or replace library books and/or add audio books and e-books
- Add or replace library furniture
- Add American Sign Language component for the digital lab
- Replace all entry doors
- Replace 60 track hurdles
- Replace and/or add weight room equipment
- Abate asbestos - acoustic ceiling texture - offices/storage in auto tech lab, room 928, auto collision lab
- Abate asbestos - choir room, rooms 900, 903, 906, 908, 909, 910, 920, 921, 922, 924, 926



## GCISD FACILITY HIGHLIGHTS OF PROPOSED BOND PROGRAM 2010

<b>GRAPEVINE MIDDLE</b>	<b>\$4,778,661</b>
Year Built: 2001	

**Site Work:**

**Building Additions:**

**Building Renovations:**

- Remove counter with underside cabinets; replace with diaper changing table/mat; make sure existing lift tracking system reaches
- Add artificial turf on football field; price includes synthetic turf on football field and sidelines within the track and a latex surface on concrete in each "D" area of the track
- Replace stadium retaining wall with concrete
- Add magnetic door stops to doors in the lecture hall and gym
- Overcoat track surface restriping
- Replace Chiller#1 with York VFD screw type
- Replace non-adjustable JCI sensors with slider adjustment sensors - 90 sensors
- Install chain hoist with trolley to each penthouse mechanical room (2 thus)
- Provide DDC control for exterior lighting with local manual override.
- Replace and repair roof
- Reseal building joints and wet seal windows and doors

**Security & Safety:**

**Fixtures, Furniture & Equipment:**

- Add and or replace rectangular cafeteria tables with octagonal tables and chairs
- Add or replace classroom furniture
- Add or replace library furniture



## GCISD FACILITY HIGHLIGHTS OF PROPOSED BOND PROGRAM 2010

<b>HERITAGE ELEMENTARY</b>				<b>\$656,201</b>
Year Built: 1990	Addition: 91-92	Addition: 99-00	Addition: 2007	

**Site Work:**

**Building Additions:**

**Building Renovations:**

- Replace walk-in freezer and cooler
- Replace 2 - refrigerated food pass thru units
- Replace electric steamer/convection oven model
- Restrooms: replace 20 toilets, 6 sinks, 5 drinking fountains and 14 toilet partitions. Patch wall and floor finishes as required to replace fixtures
- Add new restroom adjacent to classroom B2 that includes space for wheelchair accessibility and changing table
- Replace kitchen AHU with dedicated RTAC
- Provide DDC illumination sensors and local manual override for exterior lighting
- Replace stage track lighting
- Provide additional exterior wall pack lighting
- Re-roof gazebo and repair main building roof
- Reseal main building joints and wet seal windows and doors

**Security & Safety:**

- Add 1 exterior card reader for cafeteria door like BES

**Fixtures, Furniture & Equipment:**

- Add and replace cafeteria tables
- Add or replace classroom furniture
- Add or replace library books and/or add audio books and e-books
- Add or replace library furniture



## GCISD FACILITY HIGHLIGHTS OF PROPOSED BOND PROGRAM 2010

<b>HERITAGE MIDDLE SCHOOL</b>			<b>\$5,974,101</b>
Year Built:	Addition:	Addition:	
1993	94-95	00-01	

**Site Work:**

**Building Additions:**

- Enclose area between Fine Arts building and main building to create a interior corridor
- Add athletic classroom storage space

**Building Renovations:**

- Add artificial turf on football field; price includes synthetic turf on football field and sidelines within the track and a latex surface on concrete in each "D" area of the track
- Add security gate with door to separate and limit accessibility after hours
- Add walkway from Fine Arts building to parking lot at rear of school
- Renovate kitchen to create a 2 line U shape snack bar
- Renovate the kitchen area to utilize existing space and make kitchen more efficient
- Replace steam table, buffet style, 6 hot wells
- Replace steamer, convection, electric, floor model
- Replace dishwasher, booster heater
- Replace hot holding pass thru cabinet with doors on both sides
- Replace ice maker, cube-style with bin
- Replace refrigerated pass thru cabinet with doors on both sides
- Replace mismatched and damaged fixed chairs in library
- Expand and make ADA compliant for toileting including lift/tracking system, changing table, include shower
- Overcoat track surface and restrripe
- Replace burglar alarm system
- Increase chilled waterflow at office AHU for proper cooling
- Replace rooftop A/C units with high efficiency type for band/choir/gym spaces (8 units)
- Provide exhaust system for electrical room in band area, for heat relief
- Provide VFD and reheat humidity control for AHU-1 serving library
- Provide DDC illumination sensors and local manual override for exterior lighting
- Replace domestic water heater in boiler room
- Install new stadium lights at football field
- Rewire poles in back parking lot
- New building emergency lighting with battery ballasts to replace emergency generator system
- Upgrade sound/lighting systems for stage
- Replace and repair roof
- Reseal building joints and wet seal windows and doors

**Security & Safety:**

- Add 6 IP security cameras (exterior)
- Add 5 IP security cameras (interior)
- 

**Fixtures, Furniture & Equipment:**

- Add and or replace rectangular cafeteria tables with octagonal tables and chairs
- Add or replace classroom furniture



## GCISD FACILITY HIGHLIGHTS OF PROPOSED BOND PROGRAM 2010

- Add or replace library books and/or add audio books and e-books
- Add or replace library furniture



GCISD FACILITY HIGHLIGHTS OF  
PROPOSED BOND PROGRAM 2010

<b>MUSTANG-PANTHER STADIUM &amp; FIELD HOUSE</b>			<b>\$1,609,564</b>
Year Built:	Addition:	Addition:	
1968	99-00	2007	

**Site Work:**

**Building Additions:**

- Expand visitors dressing room

**Building Renovations:**

- Add shower to locker room for officials
- Add lockers, concrete benches, and carpet to make space more usable
- Replace the elevator in press box
- Resurface existing track
- Repair and overhaul front elevator
- Replace and repair roof
- Replace roof on the press box, north ticket booth and panther field house
- Reseal building joints and wet seal windows and doors

**Security & Safety:**

**Fixtures, Furniture & Equipment:**



## GCISD FACILITY HIGHLIGHTS OF PROPOSED BOND PROGRAM 2010

O.C. TAYLOR ELEMENTARY					\$933,439
Year Built: 1986	Addition: 1990	Addition: 1992	Addition: 2000	Addition: 2007	

**Site Work:**

**Building Additions:**

- Add an additional set of bathrooms near the cafeteria

**Building Renovations:**

- Add a handicapped accessible bathroom with a changing table that can be accessed from either classroom A4 or A6
- Replace refrigerated pass thru cabinet with doors on both sides
- Expand existing bathroom by moving wall to create space for wheelchair accessibility and changing table. Match floor and wall finishes. Existing sinks toilets and accessories to remain.
- Replace 2 HW boilers with high efficiency type
- Provide separate A/C for kitchen and 2 computer labs
- Replace non-adjustable JCI sensors with slider adjustment sensors - 50 sensors
- Provide DDC illumination sensors and local manual override for exterior lighting
- Replace and repair roof
- Reseal building joints and wet seal windows and doors

**Security & Safety:**

- Add 2 exterior IP security cameras

**Fixtures, Furniture & Equipment:**

- Add or replace cafeteria tables
- Ad or replace classroom furniture
- Move projector screen and power pole and relocate power and data in room B3
- Add or replace library books and/or add audio books and e-books



## GCISD FACILITY HIGHLIGHTS OF PROPOSED BOND PROGRAM 2010

<b>SILVER LAKE ELEMENTARY</b>			<b>\$4,303,073</b>
Year Built: 1995	Addition: 99-00	Addition: 2007	

**Site Work:**

**Building Additions:**

- Add 4 multi-purpose classrooms (800 sq. ft. each) for student growth to replace portable buildings and add 4 small accessory spaces (400 sq. ft. each) for reading specialist to work with students in small groups or one-on-one.

**Building Renovations:**

- Replace refrigerated pass thru cabinet with doors on both sides
- Replace steam table, buffet style with 6 hot wells
- Replace steamer, double stacked
- Add awning for the back pick-up area
- Replace Aeon rooftop A/C units serving classrooms (6 units)
- Replace non-adjustable JCI sensors with slider adjustment sensors - 50 sensors
- Provide DDC control for exterior lighting with local manual override
- Replace 2 water heaters in mechanical room
- Replace 2 electric water heaters in janitor rooms
- Provide emergency lighting for toilet rooms
- Replace and repair roof
- Reseal building joints and wet seal windows and doors

**Security & Safety:**

**Fixtures, Furniture & Equipment:**

- Add or replace cafeteria tables
- Ad or replace classroom furniture
- Replace existing cat 5 cabling with cat 5e to provide more network functionality, speed and efficiency



GCISD FACILITY HIGHLIGHTS OF  
PROPOSED BOND PROGRAM 2010

<b>SWIM CENTER</b>		<b>\$442,357</b>
Year Built:	Addition:	
93-94	99-00	

**Site Work:**

**Building Additions:**

**Building Renovations:**

- Resurface deck with poured resinous flooring
- Replace bleachers
- Replace diving boards
- Replace and repair roof
- Reseal building joints and wet seal windows and doors

**Security & Safety:**

**Fixtures, Furniture & Equipment:**

- Add Acid Cabinet - Chemical Storage
- Replace 2 swim suit dryers for both the girls and boys locker rooms



GCISD FACILITY HIGHLIGHTS OF  
PROPOSED BOND PROGRAM 2010

<b>TAX OFFICE</b>	<b>\$171,201</b>
Year Built: 1974	

**Site Work:**

**Building Additions:**

**Building Renovations:**

- Roof repair and maintenance

**Security & Safety:**

**Fixtures, Furniture & Equipment:**



## GCISD FACILITY HIGHLIGHTS OF PROPOSED BOND PROGRAM 2010

<b>TIMBERLINE ELEMENTARY</b>					<b>\$4,279,979</b>
Year Built: 1978	Addition: 1994	Addition: 1995	Addition: 1997	Addition: 2007	

**Site Work:**

**Building Additions:**

**Building Renovations:**

- Replace 2 convection, double-stacked gas convection ovens
- Replace double-stacked steamer
- Replace walk-in freezer and cooler
- Replace 2 hot holding pass thru cabinets with doors on both sides
- Replace 2 refrigerated pass thru cabinet with doors on both sides
- Add insulation and wall at toilet room adjacent to principal's office
- Add or change base material under and around play structure to make it more wheelchair accessible (sport court)
- Expand existing bathroom by moving wall to create space for wheelchair accessibility and changing table. Match floor and wall finishes. Existing sinks, toilets and accessories to remain.
- Replace and repair roof
- Reseal building joints and wet seal windows and doors
- Replace rooftop A/C units with high efficiency Type: RTAC B1 thru B10, C1 thru C20
- Replace ACCU serving VAV Units 1 and 2
- Overhaul AHUs and provide TAB and commissioning of VAV systems serving classrooms and administrative office, for proper cooling
- Replace non-adjustable JCI sensors with slider adjustment sensors - 66 sensors
- Provide DDC control for exterior lighting
- Replace 2 water heaters serving kitchen
- Replace 2 water heaters serving building

**Security & Safety:**

- Add 1 IP security camera exterior
- Add 1 card access control reader

**Fixtures, Furniture & Equipment:**

- Add and or replace cafeteria tables
- Add or replace classroom furniture
- Add or replace library books and/or add audio books and e-books
- Add or replace library furniture
- Replace existing cat 5 cabling with cat 5e to provide more network functionality, speed and efficiency



## GCISD FACILITY HIGHLIGHTS OF PROPOSED BOND PROGRAM 2010

<b>TRANSPORTATION BUILDING</b>	<b>\$1,807,236</b>
Year Built: 1990	

### **Site Work:**

### **Building Additions:**

### **Building Renovations:**

- Add spill containment for drum storage
- Replace 2 underground fuel pumps and fuel dispensers
- Replace SSAC#2 serving 2nd floor offices
- Roof repair and maintenance

### **Security & Safety:**

### **Fixtures, Furniture & Equipment:**

- Add storage shed for shop equipment (20' x 30')
- Add tire balancer to reduce the expense of replacing tires worn prematurely
- Replace power washer
- Replace transportation truck #964 (1996 Ford Ranger pick-up)
- Replace Bus # 245 (1999 24-passenger with 47 passenger lift)
- Replace Bus # 246 (1999 24-passenger with 47 passenger lift)
- Replace Bus # 247 (1999 47passenger with 47 passenger lift)
- Replace Bus # 289 (1993 60-passenger with 77 passenger with lift)
- Replace Bus # 252 (1996 78-passenger)
- Replace Bus # 253 (1996 78-passenger)
- Replace Bus # 254 (1996 78-passenger)
- Replace Bus # 255 (1996 78-passenger)
- Replace bus tires (OTY 20)
- Replace bus camera system
- Replace furniture in driver's training area



# GCISD FACILITY HIGHLIGHTS OF PROPOSED BOND PROGRAM 2010

<b>WAREHOUSE FACILITY</b>	<b>\$877,268</b>
Year Built: 1990	

**Site Work:**

**Building Additions:**

**Building Renovations:**

- Replace doors on cooler and freezer units (3)
- Replace or add coils, condensers to the walk-in units
- Replace and/or repair awnings over docks (2)
- Replace dock bumpers (6 sets)
- Replace rooftop A/C units serving Technology offices
- Replace and repair roof
- Reseal building joints and wet seal windows and doors

**Security & Safety:**

**Fixtures, Furniture & Equipment:**

- Replace Pallet jack
- batteries (2 sets)
- Replace 2 forklift batteries
- Replace Truck #965 Chevy box truck with 1 ton shop truck with lift gate
- Replace Truck #966 (F-150)



GCISD FACILITY HIGHLIGHTS OF  
PROPOSED BOND PROGRAM 2010

BRIDGES (LOCATED AT PDEC)					\$21,877
Year Built:	Addition:	Addition:	Addition:	Addition:	
1962	1972	1977	1994	1995	

**Site Work:**

**Building Additions:**

**Building Renovations:**

- Add buzzer release and doorbell for main entry door

**Security & Safety:**

**Fixtures, Furniture & Equipment:**

- Add storage area for equipment of the outdoor education program
- Add exhaust vent in the private teacher restroom
- Add sound proofing to two walls to control sound bleed from Bronco Bowl



GCISD FACILITY HIGHLIGHTS OF  
PROPOSED BOND PROGRAM 2010

<b>VISTA (LOCATED AT PDEC)</b>					<b>\$7,836</b>
Year Built:	Addition:	Addition:	Addition:	Addition:	
1962	1972	1977	1994	1995	

**Site Work:**

**Building Additions:**

**Building Renovations:**

**Security & Safety:**

- Add 2 interior IP security cameras

**Fixtures, Furniture & Equipment:**