

Aubrey I.S.D Maintenance Department

Summer Project Report

A report detailing projects that have been undertaken to improved the quality of facilities district wide.

Brockett Elementary School

Our new Elementary School

With all of the wonderful improvements made to BES, it is as if we have a new elementary school. The remodel finished last year and the new roof completed this year have made the school look new. The bathrooms were the last detail in that facelift.

We began with the three hallway bathrooms in the kindergarten, grade 2/3, and grade 4/5.

- We removed all old toilets, urinals and bathroom stalls



We were forced to deal with walls that had rusted and rotted from years of moisture. The walls were demoed then reattached to the foundation using new metal studs. Drywall was installed to prepare for new tile. All internal plumbing was inspected and prepared for new fixtures.



- The floors and walls were prepared for tile by removing anchors and plumbing hardware.
- Some walls had to be resurfaced to allow for ADA standards.
- New toilets, urinals, and hardware will be installed when tile work has been completed.
- New bathroom stalls will be installed when they arrive.

We were able to save one set of stalls that were new from the previous remodel



Other Improvements to Brockett Elementary School

New metered faucets were installed in the gymnasium bathrooms.



Outside play areas at BES needed a facelift as well

- We removed the old fence near the new outdoor learning center and repaired existing chain link gate and fence toward the front of the playground.



After some minor incidents last year, we installed all new hardware to existing swings in the front playground area.

(The back playground hardware was replaced last summer)



All old door closers for exterior doors were removed due to hazardous operation and an inability to retain adjustment.

All new closers were retrofitted to existing structures creating a much safer and efficient environment for all entry way openings.



Gymnasium door panic hardware was replaced to resolve safety issues with old hardware.



New faucet seats, stems, and handles were installed on 2nd/3rd and 4th/5th hallway faucets



No photo available

- Gas lines were painted
- Hot water line was installed in the nurse's station
- After the new roof was installed, new ceiling tiles were installed in the many areas where leaks had consistently caused problems.
- New bulbs and ballasts were installed where needed throughout the campus
- 5 dry erase boards were installed to replace chalk boards or missing boards

Aubrey Middle School

Another beautiful campus

- Last year, there was a partial black-out at AMS caused by an underground electrical short in the main line system between the transformer and the main switch gear. The problem was caused by a broken pipe which was damaged during construction.

Aubrey ISD Maintenance Department Teams With White Electric Service

- Our maintenance team worked with White Electrical service, at a reduced rate, to repair the problem. An attempt was made to remove the old damaged cable but it could not be pulled.
- We utilized existing extra conduit to run 11 more electrical lines from the transformer to the main switch gear at the rear of the school. These lines will accommodate any future electrical needs at AMS.



Damaged HVAC unit

Mrs. Jones began hearing a intermittent noise in the hallway that prompted her to call the Maintenance Department. After an exhaustive search, we found that a HVAC unit had thrown a belt. The unit only came on when the energy management system called for cooling at the unoccupied set point. Upon inspection we discovered that the broken belt had not released from the pulley and had destroyed a sizable portion of the coils.

- We contacted Berger Engineering who has given us prices for both repair and replacement of the unit.
- Berger Engineering is pursuing an inquiry into the cause of the belt breakage which had been replaced during Berger's preventative maintenance schedule only 6 months earlier.



Last But Not Least

A water meter was installed on the water well system at AMS so that we could more efficiently meter the amount of water being used in irrigation

Aubrey High School

A great deal of time has been spent in previous summers at the high school. The needs of this campus, though important, are smaller in nature and are either in the works now or will be accomplished near the start of the 2011/2012 school year.

AHS Projects Underway

- After the completion of the new roof, new ceiling tiles will replace those damaged by leaks that no longer exist
- Bulbs and ballasts will be replaced as needed throughout the campus
- New doors will be installed at the band hall when they arrive
- New door closers will be installed where needed

Monaco Elementary

- Supreme Roofing is in the process of repairing roof leaks throughout the building.
- Damaged ceiling tiles will be replaced
- Due to recent vandalism, preventative measures are being taken to prevent access to rooftops.