

General Project Information



Fielder Elementary

Project: Fielder Elementary (FE) Renovation

Project Description: Provide a comprehensive renovation.

Project Priority: 1

Background & Justification:

Campus Opened: 1993

Square Footage: 103,172

Past Major Building Projects: Interior Renovation to Specific Classrooms (2008) and Security Vestibule (2012)

Recommended Scope of Work to Include:

- Classroom renovations to meet current program needs - Art, Administration, Clinic, Library, Kitchen/Commons
- MEP upgrades/replacement
- Replacement of finishes – flooring, ceiling, carpet

Components of a Comprehensive Renovation:

In the last few years, Katy ISD has developed a comprehensive renovation approach regarding older school district facilities. The first priority is the roof and building envelope (brick, windows, doors). Once we have ensured that the facility has been secured from moisture intrusion, we focus on the interior of the building.

The next level of upgrade is within the building in which we review the mechanical, electrical, and plumbing (MEP) systems. In regards to each discipline:

- Mechanical – air conditioning/heating. As the equipment ages the levels of performance for operation and air quality tend to diminish.
- Electrical – as our programs have evolved, so have our demands for electricity particularly in the area of technology. A review of lighting levels for student performance and energy efficiency is also evaluated.
- Plumbing – in older buildings, piping deteriorates affecting the quality and efficiency of the plumbing. A side effect could result in hidden leaks affecting the integrity of the walls including the introduction of mold.

Changes to the MEP systems affect the interior finishes – flooring, painting of walls. At that same time, we review the existing spaces in the building and determine if they support the

current curriculum and legislative requirements. Areas to be considered would be the restrooms, classroom needs, clinic and administrative.

At this same time, we review the need for a classroom addition at the campus. The MEP upgrade would take into consideration the need to support a building addition at a later date.

When determining the priority of campuses and the total building upgrades, we evaluate the campuses within the context of roof, building envelope, MEP and program. Any immediate campus needs are addressed through our work order system in order to ensure a safe facility.