

General Project Information

2021 BOND



Project: Building Management Control System
Replacement

Project Description: Replacement of the building automation controls at
identified facilities:

2022

- Beck JH (BJH)
- Katy JH (KJH)
- Cimarron Elem (CE)
- Hayes Elem (JHE)
- McRoberts Elem (PME)
- Memorial Parkway Elem (MPE)
- Robert Shaw Center (RSC)

2023

- Central M&O (CM&O)
- Cinco Ranch Jr High (CRJH)
- Law Enforcement Center (LEC)
- Morton Ranch Elem (MRE)
- Morton Ranch High (MRHS)
- Morton Ranch Jr High (MRJH)

2024

- East Transportation Center (ETC)
- Seven Lakes JH (SLJH)
- Seven Lakes HS (SLHS)
- Support Service Complex (SSC)
- Tays JH (TJH)
- Taylor High (THS)

Project Cost: \$14,157,000

Background & Justification: The current building automation control system (BAS) used in the District has a number of components that are no longer manufactured and remanufactured parts are no longer available. The software platform utilized by the system is no longer going to be supported by the company after 2021 and the server to operate the system will no longer be supported after 2023. The current system has become very unreliable resulting in many areas in the District losing HVAC service each day. The replacement of the system will improve the overall performance of our HVAC equipment and result in faster response to any HVAC equipment failures. The new system will also save in utility costs and the estimated return on investment is 6 to 8 years.