# General Project Information
# 2021 BOND

**Project:** Interior & Exterior Light Retrofits

**Project Description:** Replacement of interior and exterior lighting at the campuses identified with LED lighting

Campuses identified for **interior** light retrofits:

**2022**

- Mayde Creek Elem (MCE)
- McRoberts Elem (PME)

**2023**

- Nottingham Country Elem (NCE)

**2024**

- Sundown Elem (SE)

**Project Cost: $907,000**

Campuses identified for **exterior** light retrofits:

**2022**

- Arthur Miller Career & Technology Center/Raines HS
- Katy HS (KHS)
- Morton Ranch HS (MRHS)

**2023**

- Beck JH (BJH)
- Beckendorff JH (BDJH)
- Cardiff JH (CJH)
- Mayde Creek JH (MCJH)

- Morton Ranch JH (MRJH)
- WoodCreek JH (WCJH)

**Project Cost: $1,380,000**

**Background & Justification:** The District began a program of interior light retrofits more than 15 years ago. This program replaced the old T-12 fluorescent and incandescent interior lighting with more efficient T-8 fluorescent and CFL lighting. The new technology of LED lighting has advanced and become cost effective to now be considered for retrofit of the T-8, CFL and other HID lighting used in the interior of the facilities identified. The return on investment to replace this lighting is approximately 5 years. The interior lighting will also have occupancy sensors and emergency lighting added to meet new building code requirements.

The exterior light fixtures at the identified campuses is the original HID technology. The exterior LED lighting technology has also advanced now to the point that changing the fixtures is extremely cost effective. The return on investment for the exterior lighting is approximately 4 years.