Site Report

Austin Shopping Center, Austin, Texas

PROJECT OVERVIEW:
The property manager of a shopping center located in Austin, Texas, needed to replace an existing booster pump for the irrigation system. The irrigation system consists of sprays, rotors and drip irrigation used to irrigate the shrubs and trees in the parking lot medians, plantings near sidewalks and large turf area near the entrance to the center. Each of the irrigation zones required different flow rates and needed a pump that could provide the correct pressure to meet the variable flow demand without running over capacity, shortening the life of the pump. The solution was to install a CLP Series Pump Station (boost model) with 5 HP and variable frequency drive (VFD).

CHALLENGE:
A number of booster pumps had been installed in the past but without VFD, they were not able to run at variable speeds. Subsequently, the pumps would run at full speed regardless of the flow demand and wore out sooner than expected. Another disadvantage was the wasted energy used when the pumps operated at full speed.

RESULTS:
ECOSystems Landscape Services was hired to install a new pump that could handle the variable flow demand and last longer than previous pumps. When Chris Mele, ECOSystems’s vice president, began looking for the right pump station to install, he had two choices: Build a pump station using parts from different manufacturers or install a pump station that was pre-built and included the enclosure and electrical panel.

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Vice President, ECOSystems Landscape Services

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IRRIGATION CONTRACTOR
ECO Systems Landscape Services

RAIN BIRD PRODUCTS
• CLP Series Pump Station

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