



Quarterly Executive Summary Socastee High Rooftop Chiller Replacement Q4 2024



Project Manager: Amber Barnhill

Principal: Jeremy Rich

Engineer: N/A

Contractor: Trane U.S. Inc.

Project Scope: Provide all rigging and lifts to remove the existing chiller and set the new chiller. Disconnect all piping and electrical to the existing chiller. Properly dispose of old chiller. Install new I-beam to set the new chiller on. The base will not be modified but will be lightly brushed and painted. Provide and install 2 new butterfly valves on the supply and return. Provide and install new temperature indicators and pressure gauges. Reconnect piping and electrical. Make necessary modifications. Disconnect and reconnect the electrical. Install a Buffer Tank in the equipment room by the AHU and in front of the chiller pump. Test the piping and insulate. Reconnect to the existing heat trace if applicable. Provide Trane factory startup and verify proper operation of new chiller. Provide one year labor and material warranty on the new installation. Perform needed clean up during construction and final cleanup.

Current Status: A contract was awarded to Trane through the Job Order Contracting pilot program through the State. The chiller was ordered at that time. Awaiting chiller delivery and installation for January 2025.

Budget: Original Budget: **\$500,000.00** Board Approved Date: May 13, 2024

Budget Issues: None currently.

Schedule: Design: Complete Solicitation: Complete

Construction: January 2025

Schedule Issues: None

Achievements: The school will receive a new rooftop chiller.