

## B8583 Brubaker Elementary and Hoyt Middle School – HVAC Upgrade

### Brubaker Elementary

The existing indoor heat recovery ventilation units will be replaced with new roof mounted heat recovery ventilation units with heating and cooling. These new units will also handle the building dehumidification load and provide room neutral ventilation air to all spaces. The existing geothermal heat pump loop system will be revised to meet building load conditions with the proper control sequence to maintain temperature and flow to keep all heat pumps online. Existing heat pumps will be replaced via an alternate bid to maintain project budget requirements. Associated architectural and structural components will be revised to meet the HVAC upgrade needs.

### Hoyt Middle School

Three existing indoor multi-zone air handling units serving Classrooms will be upgraded to variable air volume systems with new roof mounted air handling units. The existing Band Room indoor air handling unit will be replaced with a roof mount unit. The front office indoor air handling unit will be replaced with a new roof mounted ventilation unit connected to an air cooled Variable Refrigerant Volume system to provide each room with its own thermal zone. Associated architectural and structural components will be revised to meet the HVAC upgrade needs.