

REPORT NAME: A&T Fire Suppression Line Testing/ Fire Hydrant Renovation to Meet Code

REPORT OF: Operations Department

FOR: Information

STRATEGIC GOAL ALIGNMENT: To test the underground plumbing to assure proper water pressure to support the required code compliant o-house fire suppression system, new shut off valves must be installed 5 feet underground. And as our current fire hydrants do not meet current quick disconnect requirements on that campus, we must replace the 8 fire hydrants as well at this time.

STRATEGIC OBJECTIVE ALIGNMENT: Through collective responsibility, and to assure we are code compliant going forward we must dig up 8 fire hydrants shut off valves and replace these hydrants with new quick connect /disconnect fittings.

FISCAL FUND IMPACT: 2020 Non-voting Bond Dollars

IMPACT AMOUNT: \$123,384.56 for materials and labor for fire hydrants that need to be replaced with quick connect/disconnect fittings.

EXECUTIVE SUMMARY/BACKGROUND: If current water lines can provide adequate pressure to support O house fire suppression system, we can avoid the extreme expense of replacing outdoor underground water lines. To do that testing our current lines have to be turned off and on to establish the proper water pressure exists. An outside third-party contractor (Mot Mot) will do the testing under the guidance of our Architect Fanning Howey. These repairs must be done when school is closed as water needs to be shut down at the main causing water to be turned off to the high school. We are lining up the excavator for the spring break (March 30-April 3). Shut off valves and hydrant replacement will be done by a certified 3rd party with our internal master plumber's oversight.

Hydrants can't be retrofitted as our current models are too old to be retrofitted. We will do as much of these repairs in house as possible saving the district outside labor costs.

COST BENEFIT ANALYSIS: Prevent A&T fire hydrant noncompliance. Ascertain whether our current plumbing can handle the O-house fire suppression system.

RECOMMENDATION: The Superintendent recommends that the School Board approve the expense involved to complete the project during the week of Spring break.

IMPACT IF NOT APPROVED: If the School Board does not approve this expense, we will not know if our current configuration can spare the district the expense of running new plumbing for the o-house fire suppression.

NEXT STEPS IF APPROVED: If approved, the district would move forward with awarding 3rd party contactors to do this important work during the week of spring break.