

REPORT NAME: DTE Method of Permanent Electrical Service for the University Campus Construction.

REPORT OF: Operations Department

FOR: Information

STRATEGIC GOAL ALIGNMENT: This expenditure is required to accommodate the 1.3 MVA electrical load at the new University campus rebuild at 19301 W 12 Mile Rd., Lathrup Village.

STRATEGIC OBJECTIVE ALIGNMENT: Our current DTE circuit feed does not have the capacity to serve the needs of our new campus without exceeding the projected peak load.

FISCAL FUND IMPACT: 2022 bond funds

IMPACT AMOUNT: The cost of the system work is \$107,787 and will include an additional \$1500 primary service connection fee. Total cost of the job is \$109,287.

EXECUTIVE SUMMARY/BACKGROUND: Our current circuit feed is inadequate for our new University campus. Some of our current equipment will be fused to new equipment giving us adequate electricity to run our new campus. To perform the work necessary to accommodate this feed we will install a new 300 VAR capacitor, replace 1 pole with a 50' class 2 pole, install 2 tangent fiberglass crossarms, install 2 dead end fiberglass crossarms, install 2 sets of 600 amp disconnect switches.

COST BENEFIT ANALYSIS: While our new electric feed is more powerful than our old feed, we will see monthly electric bill savings from all new LED lighting throughout the building as well as new energy efficient boilers, pool equipment and A/C units.

RECOMMENDATION: The Superintendent recommends that the School Board approve the expense so that the necessary equipment can be procured and installed in the 6–9-month time frame which works well with our build schedule.

IMPACT IF NOT APPROVED: If the School Board does not approve this expense, we will not be able to meet the electrical needs of our new state of the art campus.

NEXT STEPS IF APPROVED: If approved, the district would move forward with securing a check to DTE for \$109,287 to secure our spot in DTE's build and installation schedule.