January 27, 2021

Public Works Committee/Common Council

RE: Request Authorization to Seek Proposals for Engineering Services for 2021 Water Facilities Arc Flash Analysis Assessment Report
Project Number 21-2635 CIP Number 51318

Staff proposes to obtain a Consultant to perform and Arc Flash Analyses and Assessment of the Jackson Springs water treatment plant and raw water pump station, the Utility Maintenance facility, and various water booster stations, water wells and water reservoirs throughout the City; 35 facilities will be part of the study. The Analyses report will focus on facilities that are not anticipated to have any electrical upgrades completed within the next seven (7) years.

Staff proposes to hire a Consultant to be responsible for the preparation of an Arc Flash Analyses and Assessment report which will provide a standardize Arc Flash labeling convention, Install Arc Flash Warning labels on identified equipment, and provide Arc Flash Training of the City Water Division Staff.

The project and professional services is funded through a combination of the Water Enterprise Fund (0933) and Sewer Repl/Impr Fund (0833). The project scope will predominately focused on Water infrastructure, however there is a small component related to Sewer facilities.

The project budget is $265,000, and project completion is scheduled in January 2022

Eduardo Lopez, P.E.
Project Engineer

Cc: Dan Coon, P.E., Assistant Public Works Director