

# 2020 Lift Station Rehabilitation (All Districts)



Public Works & Utilities

May 19, 2020



## Background



- The City has 67 sanitary sewer lift stations.
- Stations are rehabilitated and replaced using annual funding in the CIP.
- Improvements are scheduled using a risk-based approach.



# Analysis



Based on the risk analysis, the following improvements are recommended:

LIFT STATION	WORK DESCRIPTION	COST ESTIMATE
LS 17 – 1818 Wawona	Convert aging vacuum prime pump station to submersible pump stations	\$250,000
LS 40 – 10766 W 21 <sup>st</sup> St N	Replace aging equipment and repair concrete base	\$165,000
LS 16 – 3602 N Poplar	Rehabilitate aging equipment, add bypass valve, generator, and rehab force main air release valve	\$185,000
LS 23 - 3800 N Porter	Replace aging equipment, rehabilitate wetwell Add bypass valve, security fencing, and generator	\$200,000
LS 24 - 4141 S Boyd	Replace aging equipment to accommodate growth, add bypass valve and security fencing	\$200,000
LS 25 – 1631 W Harry	Replace aging equipment to accommodate commercial growth, add bypass valve, security fencing	\$200,000

## Financial Considerations



The Adopted 2019-2028 CIP included \$1,200,000 in year 2020 for Lift Station Rehab/Replacement. Staff requests \$1,200,000 at this time to initiate the annually programmed funding.



## Recommendation



It is recommended that the City Council:

- Adopt the resolution
- Authorize all necessary signatures



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Engineering Division

