



AWARD CONSTRUCTION CONTRACT, WATER LINE REHAB PH. 1 PROJECT

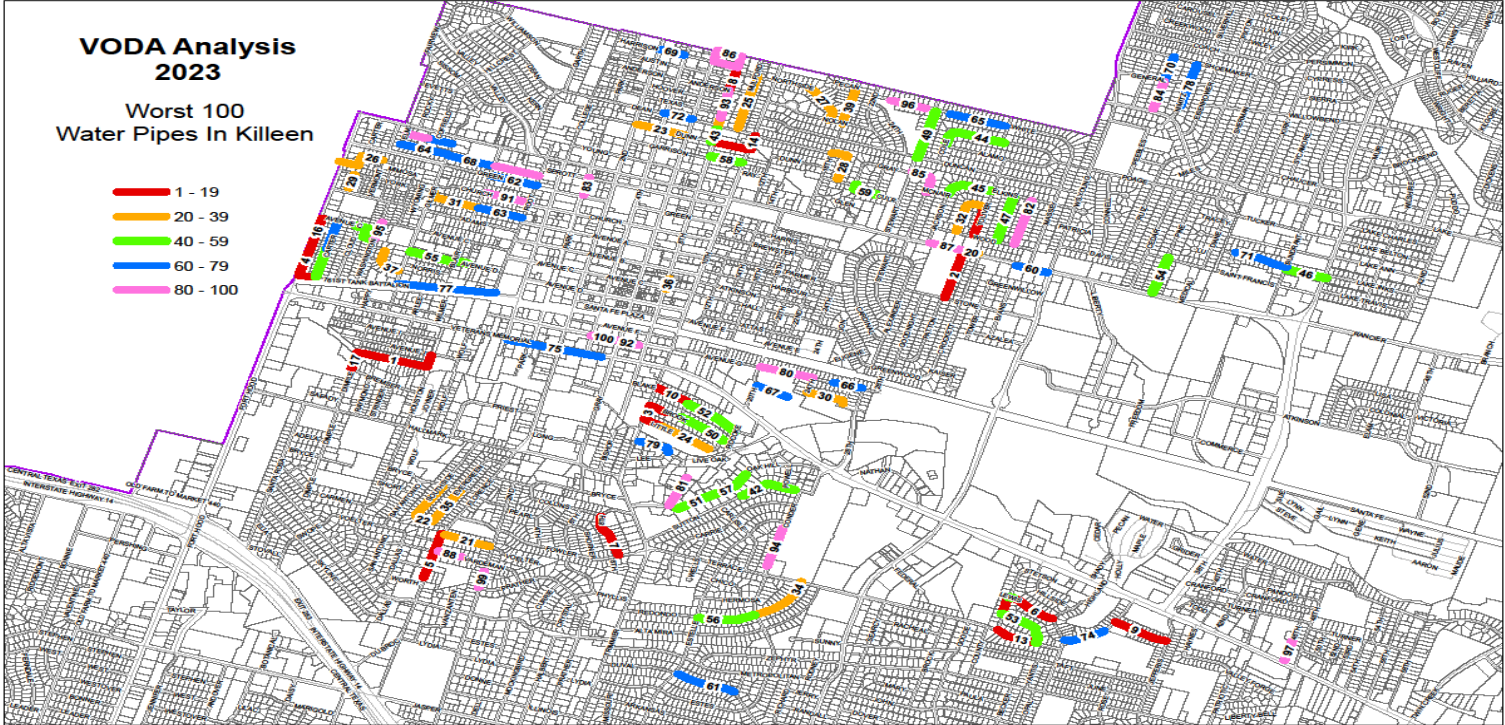
RS-24-151

August 20, 2024

Background and Findings

- ❑ The 2019 Water and Wastewater Master Plan includes project R1W – Water Line Replacement or Rehabilitation.
- ❑ In 2023, VODA.ai completed an artificial intelligence (AI) analysis of the City's 700-miles of water mains and a ranking of the City's most vulnerable mains by their likelihood of failure.
- ❑ Top 100 water mains located north of I 14 and west of 38th St.
- ❑ Staff obtained an estimate for a traditional design, bid, and build approach as well as an estimate through a purchasing cooperative which was found to be most cost effective.

Background and Findings



Background and Findings

- Insituform Technologies, LLC submitted a State of Texas Buyboard proposal for the replacement/rehabilitation of 18 of the top 20 most vulnerable mains as assessed by VODA.ai's analysis at a cost of \$2,798,170.
- Insituform Technologies, LLC has extensive experience with water main replacement/rehabilitation, and they have done very good work on several other rehabilitation projects for the city.

Recommendation

- Authorize the award of a construction contract for the Water Line Rehabilitation Phase 1 Project to Insituform Technologies, LLC; authorize the City Manager, or designee, to execute a construction contract in the amount of \$2,798,170 with Insituform Technologies, LLC, and furthermore, authorize the City Manager, or designee, to execute any and all change orders within the amounts set by State and Local law.