

## 2018 Water Bond Proposal – Project Descriptions

<b>MAINTENANCE &amp; UPGRADE OF EXISTING INFRASTRUCTURE</b>
W0125 – Relocation of Water Mains, Valves and Services to facilitate work on or improvement to Roads, Street and Highways, \$1,500,000. Project to relocate mains due to reconstruction, widening, or rerouting of streets, highways or other infrastructure.
W0130 – Continue an Annual Replacement program of Water Mains, Valves and Services to continue to provide water and fire flow service, \$3,750,000. Project is for annual funding to replace mains for increased reliability and to maintain fire flow. As specific improvements are identified and planned, they will be added as separate CIP projects in the one to two year horizon. All specific projects added will have "Main Replacement" identifier.
<b>SYSTEM MODERNIZATION</b>
W0236 – Water Treatment Plant Phase 1 – Rehabilitation, \$23,000,000. Critical plant improvements supporting the Carollo Water Plant Expansion Study and Black and Veatch Condition Assessment findings, required to provide appropriate level of redundancy and provide sufficient future capacity. Future phases to be determined based on results of pilot testing, community treatment decisions and changes in water demands.
W0145 – West Ash Upgrades, \$3,000,000. Install new variable speed drive pumps to convert the existing constant drive pumps at the West Ash pumping station. Complete electrical system upgrade and other building improvements. Improvements are to increase useful life of facility and increased efficiency
W0279 – Well Platforms, \$1,000,000. Replacement of Well Platforms on eight wells in the McBaine Well Field. These improvements will allow wells to meet current State Design Guides.
<b>SYSTEM RELIABILITY</b>
W0282 – Elevated Storage - Southwest \$3,000,000. Project to install new elevated storage to help maintain system pressure and meet fire flow.
W0280 – Pump Station - Southeast \$3,200,000. Installation of booster pump station and pressure zone in the Phillips Lake Area to help maintain system pressure and meet fire flow.