

MEMORANDUM

TO: Water and Light Advisory Board

FROM: Ryan Williams, Assistant Director

DATE: November 7, 2018

SUBJECT: CIP Update

Electric:

Additions:

None

Removals:

None

Changes:

1. E0205-Truman Solar Feeders. Project to build two 5 MW feeders from Rebel Hill substation to Truman Solar Field. Project has been moved from a 1-2 year project to a current project.
2. E0185- Brushwood Lake Road Loop Closure. Project to extend three phase 13.8KV electric line on Brushwood Lake Road to provide a loop feed to part of the South West service territory. Project has been moved from a 3-5 year project to a 1-2 year project.
3. E0176- Warehouse & Enclosed Equipment Parking. Project to construct a new storeroom building for water and electric, including enclosed storage for line trucks and other equipment. Cost would be split 20% water and 80% electric. Project has been moved from a 3-5 year project to a 1-2 year project.

4. E0196- McBaine Substation Upgrades. Project to upgrade McBaine Substation to allow connection of transmission line from Mill Creek Substation. Project has been moved from a 6-10 year project to a 3-5 year project.
5. E0195- Mill Creek & McBaine Interconnection. Third leg of the transmission interconnection project for Mill Creek Substation. This project will connect Mill Creek with McBaine Substation. Project has been moved from a 6-10 year project to a 3-5 year project.

Water:

Additions:

None

Removals:

1. W0141- Broadway Main Replacement Garth to W Blvd. Replace existing 6" water main on West Broadway, from Garth Ave to West Blvd, with 4,000 feet of 8" water main in conjunction with the Broadway Road Project. Project has been closed.

Changes:

1. W0143- Annual Differential Payments. On-going project to pay Developers the difference between 6" water main and the size of main required for system-wide needs and future growth. Project has been moved from an Annual project to a Current project at the request of Finance.
2. W0241- Brown Station Rd - Stark Av to Mojave Ct. Water Main in conjunction with roadway improvements. Project has been moved from a Current year project to a 3-5 year project.

3. W0140- Refurbish Existing Deep Well for Emergency. Project to refurbish deep well as an emergency source of water. Project has been moved from a Current year project to a 1-2 year project.
4. W0251- Waco Rd - Brown Station to Oakland. Water Main in conjunction with roadway improvements. Project has been moved from a Current year project to a 3-5 year project.
5. W0252- Waco Rd - Route B to Rogers. Water Main in conjunction with roadway improvements. Project has been moved from a Current year project to a 3-5 year project.
6. W0282- New Elevated Storage. Project to install new elevated storage to help maintain system pressure. Project has been moved from a 3-5 year project to a 1-2 year project.
7. W0236- Water Treatment Plant Upgrade - Phase 1. Critical plant improvements coinciding with 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 changes in water demands. Project has been moved from a 3-5 year project to a 1-2 year project.
8. W0244- 16" Main - Barberry to Worley. 16" Water Main from Barberry to Worley, crossing I-70 then along Silvey St. forming a loop closure. Project has been moved from a 6-10 year project to a 3-5 year project.
9. W0277- Alluvial Wells #19 AND #20. Construction of new Alluvial Wells No. 19 and 20 in the McBaine Well Field. Project has been moved from a 6-10 year project to a 3-5 year project.