



PINE-STRAWBERRY WATER IMPROVEMENT DISTRICT

Board Action Item

MEETING DATE: April 19, 2018

AGENDA ITEM: 8.I

PRESENTER: Paul Hendricks

SUBJECT: Discuss and Take Possible Action Regarding the Status, Prioritization, and Funding of Capital Projects

RECOMMENDED MOTION/ACTION:

Discuss and Possible Action

BACKGROUND/DISCUSSION:

WIFA FINANCIAL AID PROGRAM(S)

WIFA Capital Program: The District has processed two disbursement requires under the WIFA loan.

WIFA Technical Assistance Grant – Preliminary Engineering Report (PER): EPS is the consultant who developing the PER. They have provided a 60% draft report. This Draft work product has been reviewed by District Staff and provided comments to EPS.

Water/Energy Nexus Grant: The district is still waiting for the final grant agreement documents from the state. It is recommended that the District proceed to purchase various VFDs that are needed under the WIFA projects and should this grant be offered and accepted, the funds used could be eligible.

WIFA CAPITAL PROGRAM PLUS MISCELANEOUS DISTRICT CIP PROJECTS

1. EPS Group is proceeding with the design of phase 2.1 projects. The two Old Country Road projects that have back yard waterlines and limited access will be removed from the 2.1 projects and considered later in the program. The Whispering Pines waterline replacement will also be considered later in the program. The remaining 2.1 project designs will be completed in early May.
2. Mountain High Excavation (MHE) will be done with installing the waterline in Circle Drive.
 - a. MHE will begin chlorinating and pressure testing the new line next week.
 - b. When approved MHE will begin connecting the new water services.
 - c. Interviews were conducted with Mountain High Excavating on Circle Drive for WIFA Davis Bacon.
3. Mountain High Excavation (MHE) is the contractor replacing the waterline in Strawberry Ranch 1 (Circle Dr.). The District may have MHE replace the waterline in Strawberry Ranch 2.

- i. PSWID may realize a level of project savings because the contractor is already mobilized, onsite, understands the area, digging conditions and distribution system.
 - ii. PSWID will need to review procurement procedures to see if a direct selection can be made for this work.
- 4. Ralls WM Extension (Magnolia/Ralls WM Extension)
 - a. The pipeline has been installed and placed in service.
 - b. The VFDs for the 300K tank and booster station VFDs (fka: Magnolia/Ralls VFD) have been installed.
 - i. These projects allow the SV1 well, tank and booster to be taken out of service.
- 5. The next group of waterline replacements are under consideration as follows:
 - a. Strawberry Ranch 2- 3-inch PVC in Spruce Drive, Jeans Way, Cedar Dr., and Rose Dr. Also include 6-inch PVC in Juniper Rd. This project is adjacent to Strawberry Ranch 1 (Circle Drive) project;
 - b. Strawberry Knolls 2 which is s/o K2, 3-inch to 4-inch PVC main replacement. This project doesn't appear to be one of the WIFA projects;
- 6. Strawberry View 1 Tank Replacement (Installation)
 - a. Contractor scheduled to be on site April 16.
- 7. Milk Ranch Well Evaluation
 - a. The District will need to determine a method and means to purge Milk Ranch 1 without discharge to the Pine Creek.
 - 1. As soon as this is determined District staff will purge the well and resample the well.
 - 2. When the well is cleared, the pump will be removed and the well serviced to determine if it can be returned to service.
 - 3. This work is expected to take 3 months from when the well is cleared.
- 8. Strawberry Hollow 3 Well Rehab (Infrastructure Repair)
 - a. Aero Drilling completed the well rehabilitation and pump replacement.
 - b. The well is back in operation without filtration needed.

District Staff met and is proposing to prioritize the following projects:

Tank Projects

- Canyon Tank 1 Replacement;
- Canyon Tank 2 Rehabilitation or Replacement
- Portal 2 Tank Rehabilitation or replacement.

VFD Booster Pumps

- Pine Ranch 2 – Lot 25 adjacent to Mogollon Dr.;
- Portal 2 – Lot 178 (Midway Booster); and,
- Portal 2 Common Area – adjacent to Lot 169 not 166.

The Board Chairman and Treasurer along with District Manager have been holding weekly WIFA project meetings. EUSI have provided staff support for these meetings. EPS has attended or participated in these meetings as the District Engineer of Record. The following are topics discussed at these meetings.

Weekly WIFA Project Meeting Items:

- Projects in Phase 2.1 Old County, Torries Pines and Whispering Pines are on hold due to easement and ROW issues.
- The District Manager met with Field Services Staff to review the project priority list for water line replacements. Among some of the projects under consideration were Rimwood, Strawberry Ranch 2 (Spruce) and Mogollon Rim.
- EPS is moving forward on (2.1) project design for Pine Creek and Hardscrabble waterlines. The design should be done within 2 to 3 weeks.
- EPS Brandon is revising a drawing of a meter and customer shut off valve assembly for use to notify customers about what will be provided when waterlines are replaced and the meter setting is revised.
- We received quotes for 2' contour aerial photography from Synergy and EPS for Pine/Strawberry areas. We are recommended that the Board approve funds to perform this work. An example of the final work product is available for review.
- Looking for contractors to make repairs on booster stations and well houses.
- Developed a WIFA project assignment log that is updated weekly.
- Making contacts with contractors for quotes on potholing for future projects.
- Lost booster pumps on Milk Ranch 2 and 3, District staff is working on repairs.
- The WIFA project engineer assigned to PSWID has left WIFA. Sara Konrad will become the WIFA project manager.
- Received quote on electrical panel for Strawberry View Tank.
- WIFA sign is on site and will be installed in front of PSWID office.