

CITY OF PEORIA GRANT CASE STUDY | TRILOGY AT VISTANCIA

PEORIA, ARIZONA 2018

SCENARIO

Trilogy at Vistancia is a large highly amenitized Active Adult community located in Peoria, Arizona. When the community was just over 12 years old, it was starting to experience some common age related issues including clogged irrigation valves and broken pipes. Left unfixed, these issues caused leaks which ultimately produced a lot of wasted water.

Upon preliminary research to address the concern of water loss, it was discovered the installation of flow control sensors and valves that immediately stop the flow of water when the system senses a problem would be the most effective solution in preventing future water loss. Unfortunately, this technology was not available when the community infrastructure was put into place and would be a substantial cost to the Association for the installation.

In 2014, the community was awarded a grant through the City of Peoria which allowed for the installation of 11 flow control sensors and valves resulting in a significant water loss cost savings.

However, with a total of 109 water meters serving 972 acres, the need to install the remaining flow control sensors and valves was imperative to continue to conserve water and save money for the community.



RESEARCH PREPARED

The first step was to request three competitive bids from different landscape companies for the installation of the community's remaining flow control sensors and valves.

PROPOSED SOLUTION

To help alleviate the cost burden to the Association, the Community Manager advocated for the community and applied for another grant through the city. A submittal package was prepared including the explanation of the project, completed grant application and copies of all bids. This package was then sent to the City of Peoria for review.

EXECUTION

A few weeks after the grant submittal, the community was informed they were awarded the City of Peoria grant and were able to start the work installing the flow control sensors and valves.

OUTCOME/INCLUDING COST REDUCTION TO COMMUNITY

The community was awarded the grant in the amount of \$9,633.26, which covered the entire cost of the installation of the flow control sensors and valves. With the installation, the community no longer experiences high levels of water loss, resulting in even more money saved.