



PUBLIC WORKS DEPARTMENT

CITY OF ANGELS PO Box 667, 200 Monte Verda St. Suite B, Angels Camp, CA 95222 P: (209) 736-2181

DATE: May 6, 2025

TO: City Council

FROM: Dave Richard, City Water/Wastewater Engineer

RE: **AUTHORIZE ADDITION OF FOOTHILL VILLAGE WATER SUPPLY PROJECT TO APPROVED WATER/WASTEWATER CAPITAL IMPROVEMENT PROGRAM**

RECOMMENDATION

It is recommended that the City Council adopt **Resolution No. 25-21**, thereby adding the Foothill Village Water Supply Project to the previously approved 5-year Water/Wastewater Capital Improvement Project List with scheduling of the project for the 2025-2026 Fiscal Year.

BACKGROUND

The Foothill Village Senior Living Center (Foothill Village) is supplied water via a 10-inch pipeline in Dutsch Court (see attachment). The 10-inch pipeline is part of the water distribution system that delivers water to the Stelte subdivision, north of Vallecito Road. The distribution system receives water from a high pressure, 10-inch transmission pipeline connected to the 16-inch transmission main from the City Water Treatment Plant. Because of high pressures in the 10-inch transmission main, water is routed through a pressure reducing station prior to entering the distribution system for the Stelte subdivision. If the pressure reducing station were bypassed, resulting pressures in the distribution system could damage water services/plumbing within the service area.

Foothill Village is located approximately 110 ft above the Stelte subdivision. Because of this elevation differential, water delivery pressures are low at Foothill Village. During the peak summer demand period, water service to the upper floors of the senior living center has become problematic. To resolve this issue and to help meet fire flow requirements at Foothill Village, an alternate water supply line is necessary. Specifically, a connection to the 10-inch transmission main upstream of the existing pressure reducing station and construction of an 8-inch waterline is recommended. As illustrated in the attachment, the 8-inch pipeline would be routed within private property just north of the Stelte subdivision and connected to the 10-inch pipeline in Dutsch Court. A valved interconnection would be installed at that location to avoid over-pressuring the Stelte subdivision water distribution system should water be back fed into the distribution system. Construction of the recommended 8-inch waterline would require acquisition of right of entry from the property owner (Richard Roller) and a permanent 20-ft wide easement for future access for maintenance.



FISCAL IMPACT:

The Engineer's estimate for the project is \$660,000. Should the City Council approve the above-mentioned project, staff will include this project as a budget item towards the City's Sewer Fund for Fiscal Year 2025-2026.

ATTACHMENT

1. Draft Resolution
2. Foothill Village Water Supply Project Exhibit.

