



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

DATE: July 29, 2026

TO: City Council

FROM: Michael Hodson, City Administrator

RE: APPROVE CONSTRUCTION CHANGE ORDER NO. 003, WATER METER REPLACEMENT PROJECT PHASE 1 AND PHASE 2

RECOMMENDATION:

It is recommended that the City Council ratify Construction Change Order No. 003, resulting in a reduction in the contract amount with subsequent use of available funds for construction of water service laterals at seven locations including pavement patching and restoration of each site.

BACKGROUND:

The cost for meter installation is a function of the level of effort required to accomplish the change out of the meters. Three levels of effort were established in the bid documents depending on the work required by the contractor. Based on a survey of the existing meter installations, the level of effort for each meter replacement was estimated and subsequently served as the basis for the overall contract cost as bid by and awarded to Moyle Excavation. The actual cost, however, would be determined in the field as the construction progressed. With approximately 80 percent of the meter installation complete, the level of effort and cost is significantly lower as summarized in the table below. This results in a reduction in the contract cost or credit of \$208,356.

Item Description	Unit	Unit Cost	Original Contract		Completed thru 4/30/2026		Net Change
			Qty	Amount	Qty	Amount	
Phase 1, Level 1 Water Meter Replacement	EA	\$300.50	553	\$166,176.50	59	\$17,729.50	(\$148,447.00)
Phase 1, Level 2 Water Meter Replacement	EA	\$300.50	380	\$114,190.00	508	\$152,654.00	\$38,464.00
Phase 1, Level 3 Water Meter Replacement	EA	\$567.50	75	\$42,562.50	9	\$5,107.50	(\$37,455.00)
Phase 2, Level 1 Water Meter Replacement	EA	\$300.50	223	\$67,011.50	196	\$58,898.00	(\$8,113.50)
Phase 2, Level 2 Water Meter Replacement	EA	\$300.50	104	\$31,252.00	780	\$234,390.00	\$203,138.00
Phase 2, Level 3 Water Meter Replacement	EA	\$567.50	487	\$276,372.50	36	\$20,430.00	(\$255,942.50)
Subtotal Adjustments this Change Order				\$697,565.00		\$489,209.00	(\$208,356.00)

Use of approximately half of the credit for construction of water service line repairs and replacement is recommended. As the work has progressed, several long service laterals, each of which serve multiple residences, have been identified in poor condition requiring replacement. City staff continues to repair these problematic service laterals triggered by line failures, in some cases multiple times even during the meter replacement project. To minimize cost and schedule impacts, replacement of the service laterals would be accomplished by the meter replacement contractor (Moyle Excavation). The service lateral replacement will



involve the installation of new service lines from the mainline in the City street to the individual meter boxes at each residence.

DISCUSSION:

The Water Meter Replacement Project Phase 1 and Phase 2 was awarded to Moyle Excavation for a total amount of \$795,257. Two construction change orders have since been approved as follows:

- Construction Change Order 001 – Water Service Lateral Replacement – Phase 1 (\$32,840.00)
 - ✓ Water service lateral replacements at 820/831 Live Oak Drive and 855/868 Live Oak Drive
- Construction Change Order 002 – Oversized Meter Replacement (\$68,678.00)
 - ✓ Installation of 132 oversized meters (1-inches through 6-inches)

The scope of work for CCO 003 is as follows:

1. Reduction in contract amount of \$208,356.00 due to modification of bid item quantities.
2. Water service lateral replacements at the following locations:
 - Live Oak Court
 - 653 Lakeview Court
 - 361 Acorn Drive
 - 301 Acorn Drive
 - Leaf Court
 - 220 Acorn Drive
 - 1282 Minna Street

Costs for each service lateral replacement are consistent with costs for Construction Change Order 001 and service laterals constructed under the Mark Twain Water Distribution System Project last year. The cost for water service lateral replacement has a projected cost of \$101,700.00 for the seven water service lateral replacements including pavement restoration within the City streets.

The total for Construction Change Order 003 is a credit to the Project of \$106,656.00. In order to achieve the efficiency of having the lines replaced while the contractor is on site and therefore able to perform the work at a lower price, the Change Order was conditionally approved and is being provided to Council as a ratification.

FISCAL IMPACT:

Meter replacement in support of the Water Meter Replacement Project Phase 1 and Phase 2 is funded through an approved capital improvement project with a budget of \$2.4 million.

ATTACHMENTS:

Construction Change Order No. 001
Construction Change Order No. 003

