



**Item:** Final Payment – Sunnyside Water Pressure Improvements – Piping, Phase 1, O. F. 1494.1

**From:** Engineering Division

**Initiated By:** Public Works Department

**Presented By:** Jim Rearden, Public Works Director

**Action Requested:** Approve Final Pay Request

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**Suggested Motion:**

1. Commissioner moves:

"I move the City Commission approve Final Payment for the Sunnyside Water Pressure Improvements - Piping, Phase 1, O. F. 1494.1, in the amount of \$2,376.00 to United Materials of Great Falls, and \$24.00 to the State Miscellaneous Tax Fund and authorize the City Manager to make the payments."

2. Mayor calls for a second, discussion, inquiries from the public, and calls for the vote.

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**Staff Recommendation:** Approve final payment request.

**Background:**

Significant Impacts

This project installed several new water mains in the Sunnyside neighborhood and changed the water pressure district the area is located in. Water pressures in the area have increased by approximately 37 pounds per square inch (psi) from the previous 40 or 50 psi to 80 or 90 psi currently. Fire flows increased as well, improving fire protection to the area.

Citizen Participation

Several Neighborhood Council #6 meetings were held to coordinate the project with area residents.

Workload Impacts

Thomas, Dean & Hoskins, Inc. (TDH) completed the preliminary route design and water pressure studies. City engineering staff completed the final project design, performed construction inspection and contract administration duties.

### Purpose

The Sunnyside neighborhood was the largest of several areas in Great Falls that had lower than desired water pressure. The Water Master Plan had recommended that a series of improvements be made to remedy the situation. The installation of new transmission mains connecting the Sunnyside area to the East Booster District greatly increased the pressure in the area. Subdivisions affected by this project include Sunnyside Heights, Fairview, Prospect Park, Finley Supplement, and Castle Pines Additions. Future expansion will also be possible with the annexation of existing homes and with new developments in the southern part of the area. Other future improvements could include a pump station, elevated water tank, and additional transmission mains.

### Project Work Scope

This project installed approximately 10,000 lineal feet of new water mains. The project is bounded by 10<sup>th</sup> Avenue South to the north, 26<sup>th</sup> Avenue South to the south, 13<sup>th</sup> Street South to the west, and 20<sup>th</sup> Street South to the east.

Over 800 homes and businesses received increased water pressure when the project was completed.

### Evaluation and Selection Process

The City accepted five bids for this project on June 20, 2007 and the City Commission awarded the contract to United Materials on July 3, 2007 in the amount of \$1,119,880.00.

### Conclusion

City staff has verified that United Materials has completed all work and punch list items in accordance with the plans and contract. The City can accept the project and execute the Final Payment. The project was completed within the contract time. The two year warranty period started at the time of substantial completion which was February 25, 2008. The delay between substantial completion and final pay was due to punch list items only recently completed by the contractor.

### **Concurrences:**

Not Applicable.

### **Fiscal Impact:**

The final project cost is \$1,042,934.43 which is \$76,945.57 under the amount awarded and approved. The difference is mainly due to extra or unforeseen work not being required on this project. Because of the nature of underground utility work and the age of the infrastructure, unknown conditions are often discovered. This project encountered very few of these conditions. Funding for this project came from the Water Fund and Castle Pines Special Improvement District Fund.

### **Alternatives:**

The City Commission could vote to deny final payment.

### **Attachments/Exhibits:**

1. Application for Final Payment is attached. (Not available online; on file in City Clerk's Office.)