



AGENDA  
ITEM 6e  
DATE 10-5-09

## City Council Report

**Date:** October 5, 2009  
**To:** City Council  
**Through:** Jack Friedline, Deputy City Manager  
**From:** Beth Huning, City Engineer  
**Subject:** Miscellaneous Drainage Improvements – Stapley/Brown & Power/Delmon  
City Project 01-477-007  
Council Districts 1 & 5

### **Purpose and Recommendation**

The purpose of this report is to request Council's approval to increase the contract amount of this contract to pay for unforeseen conditions discovered during construction. It is recommended that Council increase the contract amount by \$11,660.54 to cover the increased construction costs.

### **Background**

Council awarded the contract for this on April 20, 2009, in the amount of \$100,347.50, plus \$10,034.75 for change orders for a total contract amount of \$110,382.25. The final cost of construction including the cost to cover unforeseen conditions that were encountered during construction is \$122,042.79.

### **Discussion**

During construction of this project, several unknown conditions were discovered when the intersection of Stapley Drive and Brown Road was excavated which resulted in the need for additional work. The unknown conditions found in the intersection included an existing buried concrete pipe that was encased in concrete, a variation in the elevation of an existing 24-inch sewer line, and an existing fiber optic duct bank that was not known to exist. The concrete encasement and the duct bank were not shown on the project documents, the duct bank was not identified by the Blue Stake service, and all three items were in conflict with the proposed storm drain.

Additional time was required to identify and excavate the unknown utilities and to redesign the proposed storm drain to avoid these conflicts. These unknown conditions resulted in additional time and additional costs to the contractor.

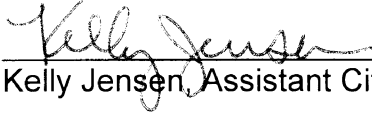
Due to the significant disruption to this arterial intersection and the potential for significant additional costs if the work was not completed when the trench was open, the contractor was directed to complete the work and the City agreed to reimburse the contractor for their time and materials in accordance with the contract provisions. The contractor's time and materials were tracked by City Staff during the work and the cost resulted in a contract overage of \$11,660.54.

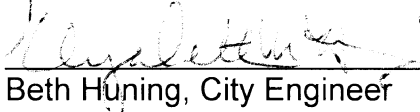
### **Alternatives**

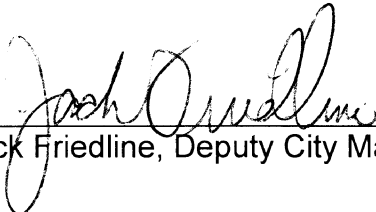
Once the intersection was excavated and the utility conflicts discovered, there was no alternative but to redesign the storm drain and proceed with the work. In order to limit disruption to a major intersection and minimize additional costs to the City, staff directed the contractor to proceed with the work.

### **Fiscal Impact**

The total increase requested to the contract is \$11,660.54, for a total contract amount of \$122,042.79. Funding for this work will come from the Approved FY 09/10 Street Maintenance Program.

  
\_\_\_\_\_  
Kelly Jensen, Assistant City Engineer

  
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Beth Huning, City Engineer

  
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Jack Friedline, Deputy City Manager



# EXHIBIT "A"



DATE SAVED: 2/10/09 1:01:47 PM I:\01-477-007 MISCELLANEOUS DRAINAGE IMPROVEMENTS (STAPLEY & BROWN, 1300 BLK N RECKER, POWER & DELMON)\CAD\COUNCIL MAP.DWG

## MISCELLANEOUS DRAINAGE IMPROVEMENTS AT STAPLEY DRIVE AND BROWN ROAD POWER ROAD AND DELMON DRIVE

PROJECT NO. 01-477-07



Budget Information:  
FY 08/09 Street Maintenance Program

CITY OF MESA  
MESA, ARIZONA

MISCELLANEOUS DRAINAGE IMPROVEMENTS, STAPLEY DRIVE AND  
BROWN ROAD, POWER ROAD AND DELMON DRIVE

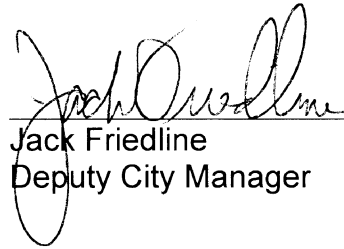
**PROJECT NO. 01-477-007**

Tabulation of Bids Received, Thursday, March 19, 2009, at 3:00 P.M.

<b>ENGINEER'S ESTIMATE</b>	<b>\$122,225.00</b>
1. J Banicki Construction Inc.	\$100,347.50
2. RGB ERU Joint Venture	\$112,092.50
3. Visus Engineering Construction	\$114,000.00
4. Sahuaro Pipeline Corporation Inc.	\$119,110.00
5. ALR Construction Inc.	\$130,350.00
6. Sallaway Development LLC	\$132,300.00
7. Underground Utilities Inc.	\$132,300.00
8. D and O Contractors Inc.	\$136,230.95
9. Wheeler Construction Inc.	\$137,028.75
10. Standard Construction Company Inc.	\$137,250.00
11. Spire Engineering LLC	\$138,600.00
12. Rummel Construction Inc.	\$141,525.00
13. Five Points Excavating Inc.	\$148,425.00
14. Gunsight Construction Companies LLC	\$158,426.00
15. Pierson Construction Corporation	\$162,315.00

16. Ricor Inc.	\$164,974.00
17. 442 Construction Inc.	\$190,192.18
18. Graef Construction Inc.	\$197,496.00
19. R K Sanders Inc.	\$331,647.00

Recommend award to low bidder, J Banicki Construction Inc., in the amount of \$100,347.50 plus an additional \$10,034.75 (10% allowance for change orders) for a total award of \$110,382.25.



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Jack Friedline  
Deputy City Manager