

**VILLAGE OF DOWNERS GROVE
REPORT FOR THE VILLAGE COUNCIL WORKSHOP
AUGUST 5, 2008 AGENDA**

SUBJECT:	TYPE:	SUBMITTED BY:
Change Order No. 2: Maple / 55 th Water Main Replacement	Resolution Ordinance ✓ Motion Discussion Only	Robin A. Weaver Interim Director of Public Works

SYNOPSIS

A motion is requested authorizing the execution of Change Order No. 2 for the Maple Avenue / 55th Street Water Main Replacement Project. This change order would increase compensation to Archon Construction to allow for fuel cost increases since June 2007 when the contract was awarded.

STRATEGIC PLAN ALIGNMENT

The Five Year Plan and Goals for 2007-2012 identified *Top Quality Infrastructure and Facilities*. A supporting objective of this goal is *Preservation of our Residential and Neighborhood Character*.

FISCAL IMPACT

The FY08 Water Fund allocates \$1,585,996.96 for this project, which was the original contract amount. Change Order No.1 reduced the contract amount by \$222,111.86 and was due largely to the reduction in scope of the project as a result of the added DuPage County review requirements mandating additional pay items, notably increases in pavement restoration and the addition of temporary signals. The originally bid scope of work was altered by removing quantities associated with the replacement of a 12-inch watermain on 55th Street between Blodgett and Fairview. The Village Council approved this change order on June 3, 2008.

Change Order No. 2 would increase the revised contract total by \$130,090.95. If executed, the revised contract amount would be \$1,493,976.05, which is \$92,020.91 less than the original contract amount.

UPDATE & RECOMMENDATION

This item was discussed at the July 22, 2008 Workshop. Council requested that staff provide additional information regarding the comparison of the May 2007 bid tabulation for the 55th / Maple watermain and the most recent comparable project, the June 2008 Prentiss Creek / Sunridge Subdivision watermain project. This comparison was made by staff in an effort to assess the validity of the \$130,090.95 change order request. The project comparison is attached for your information immediately following this report.

The following information may also be relevant as Council considers this item:

- 1) Due to the age and condition of the existing water main, there have been 25 main breaks in this area since 2002, which involve significant cost due to traffic control requirements and the method for repairing a water main of this size. If staff were to re-bid this project, it is possible that work may not be conducted until 2009, increasing the likelihood for additional main breaks before the improvements are completed.

- 2) Staff has contacted the County to determine the probable timing regarding a decision about the permit for this project. Approval of our permit is anticipated from DuPage County prior to Council's consideration of this item on August 5, 2008.

Staff recommends approval on the August 5, 2008. If the change order is not approved by Council, staff will proceed by re-bidding this project.

BACKGROUND

On June 19, 2007, the Village Council approved a contract with Archon Construction in the amount of \$1,585,996.96 for the replacement of the majority of the feeder main on Maple Avenue and 55th Street between Plymouth and Fairview in order to reduce the amount of main break repairs and curb and street restorations.

Because the project involves a county road, the Village has been working to obtain permits from the County since May 2007. The County permit has still not been obtained. Due to unforeseen requirements initiated by the County, the scope and cost of this project were reduced and resulted in Change Order No. 1 of a reduction of \$222,111.86. The Village Council approved this change order on June 3, 2008. This reduction in scope eliminates the replacement of a 12-inch watermain on 55th Street between Blodgett and Fairview. It is proposed that the section of 12-inch water main between Blodgett and Fairview be installed under the FY09 Budget.

Since the execution of the contract, fuel costs have increased substantially. The contractor is requesting a change order to cover the increased cost of fuel. As a way of verifying costs for fuel and legitimacy of this change order, staff compared the May 2007 bid tab for the 55th/Maple Watermain against the most recent comparable project bid tab, which was for the June 2008 Prentiss Creek/Sunridge Subdivision Watermain Project. This difference between the projects demonstrates that the change order has merit. It also shows that remaining with the contract is cost justified versus re-bidding the project.

55th/Maple Watermain Fuel Surcharge Cost Comparison to Prentiss Creek / Sunridge Subdivision Watermain Project

	Archon Bid May-07	* Fuel Adjustment requested	Archon Adjusted Total	Prentiss Creek / Sunridge Subdivision Bid Jun-08
Lineal foot cost for 8" Watermain with Polywrap	\$33.45	\$17.99	\$51.44	\$57.00

* $\$130,000 / 7228 \text{ ft} = \$17.99/\text{ft}$

The project time maximum allotment is 120 calendar days.

djg - 07/30/08

VILLAGE OF DOWNERS GROVE
COUNCIL ACTION SUMMARY

INITIATED: _____ **DATE:** _____
 (Name) August 5, 2008

RECOMMENDATION FROM: _____ **FILE REF:** _____
 (Board or Department)

NATURE OF ACTION:

- Ordinance
- Resolution
- Motion
- Other

STEPS NEEDED TO IMPLEMENT ACTION:

Motion to authorize Change Order #2 for the Maple Avenue/55th Street Watermain Replacement Project (CIP Project WA-006) by increasing the contract amount by \$130,090.95.

SUMMARY OF ITEM:

Adoption of this motion shall authorize Change Order #2 in the amount of \$130,090.95 for the Maple Avenue/55th Street Watermain Replacement Project. The revised contract amount would total \$1,516,476.05.

RECORD OF ACTION TAKEN:
