

COUNCIL ACTION FORM

**SUBJECT: EMERGENCY REPAIRS TO WATER MAIN ON SOUTH DUFF AND
AWARD OF CONSTRUCTION CONTRACT**

BACKGROUND:

On Wednesday, August 11, in conjunction with the flooding of Squaw Creek and Skunk River, a series of water main breaks caused loss of water pressure and resulted in an interruption in delivery of potable water to the City.

One of the breaks was on a six-inch main on South Duff Avenue in the area of South Third Street. Shortly after that break was repaired, another break occurred on the same six-inch water main within a block of the first break. Shortly after the second break was repaired, a third break was detected on the same six-inch main, again within a block of the original break. In order to provide a longer-lasting repair and to avoid additional interruptions in service, staff is recommending that a section of the water main from South Third Street extending beyond South Fourth Street immediately be replaced.

Iowa Code Section 384.103 provides:

“When emergency repair of a public improvement is necessary and the delay of advertising and a public letting might cause serious loss or injury to the city, the governing body shall, by resolution, make a finding of the necessity to institute emergency proceedings under this section, and shall procure a certificate from a competent licensed professional engineer or registered architect, not in the regular employ of the city, certifying that the emergency repairs are necessary.”

On August 18, the City received a certificate from Bolton & Menk, Consulting Engineers, indicating that emergency repairs are necessary in order to avoid recurring costly repairs and loss of water service to this area.

Two actions are required to begin the emergency repair efforts. First, the City Council must pass a resolution finding that the conditions of the Iowa Code have been met and that emergency repairs are necessary. Second, the Council must approve the contract with Ames Trenching to perform the water main replacement based on the estimate provided.



BOLTON & MENK, INC.®

Consulting Engineers & Surveyors

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www.bolton-menk.com

August 18, 2010


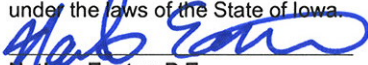
John Joiner, PE
Director of Public Works
City of Ames
515 Clark Avenue
Ames, IA 50010

RE: Water Main break near Panera/Perkins along South Duff Avenue

Dear John,

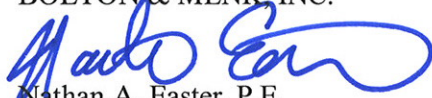
Bolton & Menk, Inc. has performed a site visit to the water main break location near the Panera Bread/Perkins entrance along South Duff Avenue.

We have determined that emergency repairs are necessary to the water main in order to avoid costly repairs and loss of water service in the area, in accordance with Iowa Code 384.103. Multiple temporary repairs on the six-inch main have been performed, but none have held up. In order to avoid continuing cost of temporary repairs and possible loss of service, we recommend that the water main be repaired as soon as possible. The delay and advertising of a public hearing will likely cause serious loss or injury to the City.

	I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.
	 Date: <u>8-18-10</u>
	Nathan Easter, P.E.
	License No. 17378
	My renewal date is December 31, 2010
	Pages or sheets covered by this seal: This Page. _____

Sincerely,

BOLTON & MENK, INC.


Nathan A. Easter, P.E.
Project Manager

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Bolton & Menk is an equal opportunity employer

ALTERNATIVES:

Step One:

1. Approve a resolution finding that it is necessary to institute emergency proceedings in order to repair the water main on South Duff.
2. Do not authorize emergency repairs of this water main.

Step Two:

1. Approve by resolution the contract for repairs with Ames Trenching in an amount not to exceed \$45,670.
2. Direct staff to secure construction services through the standard City of Ames standard public improvement bidding and contracting policies.

MANAGER'S RECOMMENDED ACTION:

In order to prevent serious loss or injury from continuing interruptions in water service that would be a consequence of following regular procedures for public improvements, it is appropriate to use the emergency procedures authorized by Iowa law.

Therefore, it is the recommendation of the City Manager that the City Council adopt both Alternatives No. 1, thereby finding emergency proceedings are necessary and approving a contract with Ames Trenching in an amount not to exceed \$45,670 for the performance of the repairs.