



# Council Communication

Office of the City Manager

<b>Date</b>	October 13, 2008
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<b>Agenda Item No.</b>	<b>18</b>
<b>Roll Call No.</b>	<b><u>08-</u></b>
<b>Communication No.</b>	<b><u>08-613</u></b>
<b>Submitted by: Jeb E. Brewer, P.E., City Engineer, and William G. Stowe, Assistant City Manager/Public Works/Engineering</b>	

## AGENDA HEADING:

Accepting completed construction, approving Change Order No. 1, and approving final payment regarding Purchase Order No. 21107 for the SE 6<sup>th</sup> Street South of the Des Moines River Emergency Storm Sewer Repair, Van Hauen & Associates, Inc., Mark Van Hauen, CEO/Vice President, 13185 Pineview Drive, Clive, IA 50325

## SYNOPSIS:

Recommend the City Council approve of the City Engineer's Certification of Completion, approve Change Order No. 1 in an amount not to exceed \$189,599.03 for additional emergency storm sewer work, direct the Procurement Administrator to issue Change Order No. 1 to Purchase Order No. 21107, accept construction of said improvement, and authorize final payment to Van Hauen & Associates for emergency work associated with SE 6<sup>th</sup> Street South of the Des Moines River Emergency Storm Sewer Repair: Activity ID 14-2008-055.

## FISCAL IMPACT:

Amount: \$239,599.03 As-Built Purchase Order Cost

Funding Source: Anticipated to be no City Cost for this emergency repair work with funding anticipated to be 90% FEMA and 10% State funds, 2008-2009 Operating Budget, SP854, ENG982008, OPR 178, 2008 Storms Mitigation/Recovery.

## ADDITIONAL INFORMATION:

On the morning of June 16, 2008, the Public Works Department closed SE 6<sup>th</sup> Street south of the Des Moines River due to a sinkhole that had developed under the roadway over the 42" storm sewer. At the time, South Union Street at Kirkwood Avenue had been reduced to one lane traffic due to a sanitary sewer collapse. The closure of SE 6<sup>th</sup> Street and partial closure of South Union Street impacted two major north/south arterials on the City's south side. Staff determined that this was an emergency and it was necessary to begin work on the repair immediately. The loss of this critical arterial street would impact emergency response. The repair was also time critical as continued loss of soil into the failed storm sewer would create additional street damage and ultimately increase repair expense. Staff directed Van Hauen & Associates, Inc. to begin the emergency repair work immediately on a time and material cost basis without bids because Van Hauen & Associates, Inc. had the necessary dewatering equipment, experience working with the difficult soil conditions in this area, and had crews and equipment available to mobilize.

On June 23, 2008, under Roll Call 08-1148, the City Council made a finding that the emergency repairs were necessary in accordance with Subsection 384.103(2) of the Code of Iowa and approved Purchase

Order No. 21107, which was issued to Van Hauen & Associates in the amount of \$50,000 for the SE 6<sup>th</sup> Street South of the Des Moines River Emergency Storm Sewer Repair: Activity ID 14-2008-055. This work included the emergency spot repair of the storm sewer failure on SE 6<sup>th</sup> Street south of the Des Moines River Bridge, which caused SE 6<sup>th</sup> Street to collapse and be closed.

It was initially thought that the 42” storm sewer had failed and collapsed resulting in loss of soil and pavement under SE 6<sup>th</sup> Street. It appeared that this was a relatively isolated collapse and would require the replacement of approximately 25 feet of 42” storm sewer and restoration of the pavement in SE 6<sup>th</sup> Street. The cost of this work was estimated at \$50,000 for the issuance of the emergency purchase order. As the contractor excavated the storm sewer to complete the initial repair, it was found that additional sections of storm sewer east of this repair also required replacement. Since the contractor was onsite and had the necessary dewatering equipment installed, Van Hauen & Associates, Inc. was directed to continue the storm sewer replacement beyond the initial repair. The contractor ultimately replaced 120 feet of 42” storm sewer. The areas of additional failure were located under a church parking lot, which required removal and replacement of 660 square yards of parking lot pavement, additional sidewalk removal and replacement, and the reconstruction of an intake and manhole. The repair at this location was significantly more extensive than originally estimated based upon the initial review of the site prior to beginning the emergency repair.

**PREVIOUS COUNCIL ACTION(S):**

Date: June 23, 2008

Roll Call Number: 08-1148

Action: Emergency proceedings at various locations for emergency repairs and approval of emergency purchase orders with lowest responsible bidder. (Council Communication No. 08-389) Moved by Kiernan to adopt. Motion Carried 7-0.

**BOARD/COMMISSION ACTION(S): NONE**

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE**

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