

**CITY COUNCIL  
COMMUNICATION:**

**03-419**

**AGENDA:**

AUGUST 25, 2003

**SUBJECT:**

CHANGE ORDER NO.  
1 -ASHBY PARK  
WATER  
PLAYGROUND

**TYPE:**

**RESOLUTION**  
ORDINANCE  
RECEIVE/FILE

**SUBMITTED BY:**

JEB E. BREWER, P.E.  
CITY ENGINEER

**ITEM 7A**

**OFFICE OF THE CITY MANAGER  
CITY OF DES MOINES, IOWA**

**SYNOPSIS —**

Change Order No. 1 in the amount not to exceed \$14,475 has been negotiated with Russell Construction Company, Inc. (James V. Russell, President, 2550 73<sup>rd</sup> Street, Urbandale, Iowa, 50322), for additional work on the Ashby Park Water Playground, to provide removal of unsuitable soils below the surge tank and replacement with suitable fill.

**FISCAL IMPACT —**

Funding for this change order is available in the Capital Improvements Program, Swimming and Wading Pool Improvements, Fund CP040, Organization PKS990000, Project PKS034, Index Code 403444, Account 543080.

**RECOMMENDATION —**

**Approval.**

**BACKGROUND —**

After excavation for the surge pit located behind the existing WPA era shelter house, expansive shale soil was encountered between 6 feet and 15 feet below the existing ground elevation. The shelter house is located on the top of a steep hill and is not in an area that this type of soil is typically encountered. While unusual, this soil must be over excavated and replaced with a clay barrier as recommended by the City's geo-technical consultant, Allender Butzke. It was also recommended that the backfill material be switched to granular and a drainage system installed to relieve ground water seepage. The change order also adds 21 calendar days to the contract to account for delays caused by the need for this additional work.

