

COUNCIL ACTION FORM

SUBJECT: 2012/13 FLOOD RESPONSE AND MITIGATION PROJECT (NORTHRIDGE PARKWAY SUBDIVISION) & 2009/10 STORM WATER FACILITY REHABILITATION PROGRAM (MOORE MEMORIAL PARK)

BACKGROUND:

Over the past four years, Public Works staff and Clapsaddle-Garber Associates (CGA) held numerous neighborhood project meetings, met with the Parks and Recreation Commission twice, and gave City Council several progress updates on the work addressing localized flooding in the Northridge Parkway area. At City Council's May 14, 2013 meeting, Council unanimously agreed to move forward with a mitigation project using local funds.

The resulting project included installing new storm sewer pipes/culvert/intakes, creating a vegetated swale between two electrical sub-stations, creating an overland flow path in the backyards of 2406 & 2412 Ridgetop Circle, and modifying the storm sewer in existing Basin 2. Additionally, the Moore Memorial Park pond was drained, cleaned of excess silt and reshaped to accommodate additional flood storage. Existing trees within the water line of the pond also were removed. Further, the pond outlet was modified to reduce current flows, an inlet forebay was created, and native landscaping was planted to improve water quality.

On October 8, 2013, City Council awarded this project to Con-Struct, Inc. of Ames, Iowa in the amount of \$606,665. The project's balancing change order, in the amount of \$61,426.62, provides for the final quantities of work. Upon draining the pond in Moore Memorial Park, it was discovered that the depth and extent of the silt in the bottom of the pond were more than originally estimated. The major items in this change order include costs to remove unanticipated additional silt from the pond, repair to the trail in the park from the additional silt removal, and adding vegetative restoration necessary within the park. The removal of the silt was necessary to ensure that the project goals of minimizing localized flooding and adding detention area were met. This additional silt was hauled offsite by the contractor.

Construction was completed in the amount of \$668,091.62. Engineering and contract administration totaled \$100,968, bringing overall project costs to \$769,059.62. A summary of the projected expenditures and revenues for the overall Flood Response and Mitigation Program is provided in the following table.

	Utah Drive Landslide (actual)	Trailridge Landslide (estimated)	Stuart Smith Park Bank Stabilization (estimated)	North Riverside Water Main (actual)	Northridge /Moore Park (this project)	Total
<i>Project Cost</i>	\$163,790	\$310,00	\$695,000	\$66,882	\$769,060	\$2,004,732
2009/10 Storm Water Facility Rehab					\$98,998	\$98,998
2010/11 Storm Water Facility Rehab					\$57,495	\$57,495
2011/12 Storm Sewer Improvements					\$70,000	\$70,000
2011/12 Low Point Drainage					\$70,000	\$70,000
2012/13 Flood Response & Mitigation (G.O. Bonds)	\$163,790	\$310,000	\$120,000	\$66,882	\$158,902	\$820,000
2012/13 Flood Response & Mitigation (Storm Sewer Utility)					\$313,665	\$313,665
FEMA			\$575,000			\$575,000
Total Funding	\$163,790	\$310,000	\$695,000	\$66,882	\$769,060	\$2,004,732

Funding Source

ALTERNATIVES:

- 1a. Approve Change Order No. 1 in the amount of \$61,426.62 for the 2012/13 Flood Response and Mitigation (Northridge Parkway Subdivision) & 2009/10 Storm Water Facility Rehabilitation Program (Moore Memorial Park).
- b. Accept the 2012/13 Flood Response and Mitigation (Northridge Parkway Subdivision) & 2009/10 Storm Water Facility Rehabilitation Program (Moore Memorial Park) as completed by Con-Struct, Inc. in the amount of \$668,091.62.
2. Direct staff to pursue modifications to the project.

MANAGER’S RECOMMENDED ACTION:

This project has now been completed in accordance with approved plans and specifications.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, thereby approving Change Order No. 1 and accepting the 2012/13 Flood Response and Mitigation (Northridge Parkway Subdivision) & 2009/10 Storm Water Facility Rehabilitation Program (Moore Memorial Park) as completed by Con-Struct, Inc., of Ames, Iowa, in the amount of \$668,091.62.