

**COUNCIL ACTION FORM**

**SUBJECT: 2012/13 STORM SEWER OUTLET EROSION CONTROL (PINEHURST DRIVE IN GREEN SUBDIVISION – 5<sup>TH</sup> ADDITION)**

**BACKGROUND:**

This annual program provides for stabilization of eroded areas due to discharges of the storm sewer system into streams, channels, swales, gullies, or drainage ways in residential areas. This program provides a more permanent control of the erosion and reduces recurring maintenance costs in these areas.

The 2012/13 program locations include Pinehurst Drive in the Green Subdivision 5<sup>th</sup> Addition and behind Windsor Oaks at 1100 Adams Street. The work anticipated for the Windsor Oaks area is the management/removal of crown vetch that has grown in the area. This invasive plant will continue to grow and spread throughout the area and will be detrimental to native plants.

**This specific project was for re-stabilization of the creek channel and pond at Pinehurst Drive in Green Subdivision, 5<sup>th</sup> Addition.** The area has seen erosion of the banks that were stabilized with treated timbers. Those timbers have passed their useful functionality and need to be replaced.

Staff contracted with Clappsaddle Garber Associates (CGA) to analyze the creek flows and develop plans for the stabilization. Staff and CGA met with area residents on-site to review options. All residents agreed on the work to be performed, but wanted the length of the stabilization increased to protect an additional downstream area. As such, a bid alternate for the additional length was added to the project. This bid alternate would have only been recommended for award if pricing remained within budget.

At the August 26, 2014 City Council meeting, Council approved plans and specifications and set the bid date for the project at September 17, 2014. No bids were received, which was reported to City Council on September 23, 2014 Council directed staff to evaluate alternatives for accomplishing the creek stabilization this calendar year. Staff reviewed the originally designed plans and developed an alternative design, with an estimate of \$66,640. At the October 14, 2014 Council meeting, Council approved the purchase order to Central Landscape in the amount of \$76,189.33. **Work has been completed in the amount of \$76,004.40.**

This program is shown in the 2012/13 Capital Improvements Plan with funding of \$100,000 from the Storm Sewer Utility Fund. Additional funding in the amount of \$28,344 was identified from project savings in the 09/10 Low Point Drainage Improvements (Crystal Street), bringing **total available funding amount of \$128,344.**

The estimated expenses for this 2012/13 Storm Sewer Outlet Erosion Control Program are as follows:

<b>Pinehurst Drive in Green Subdivision 5<sup>th</sup> Addition (This Project)</b>	<b>\$ 76,004.40</b>
Windsor Oaks (Estimated)	\$ 15,000.00
Engineering and Contract Administration (total program)	<u>\$ 25,000.00</u>
	\$116,189.33

**ALTERNATIVES:**

1. Accept the 2012/13 Storm Sewer Outlet Erosion Control project as completed by Central Landscape of Ames, Iowa in the amount of \$76,004.40.
2. Direct staff to pursue modifications to the project.

**MANAGER'S RECOMMENDED ACTION:**

The project is now complete in accordance with the plans and specifications, within the approved budget and will provide long term bank stabilization to the creek that is adjacent to multiple residential properties.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as described above.