 <p style="text-align: center;"><b>Council</b> <b>Communication</b> Office of the City Manager</p>	<b>Date:</b>	August 14, 2017
	<b>Agenda Item No.</b>	<b>48</b>
	<b>Roll Call No.</b>	<b><u>17-1388</u></b>
	<b>Communication No.</b>	<b><u>17-596</u></b>
	<b>Submitted by:</b>	<b>Jonathan A. Gano, P.E., Public Works Director</b>

**AGENDA HEADING:**

Approving Cooperative Agreement with Iowa Department of Natural Resources (IDNR) to fund 50% of Easter Lake watershed improvements project.

**SYNOPSIS:**

Recommend approval of IDNR Agreement No. 18CRDLWBMBALM-0002 for a total not to exceed \$257,152.50 of DNR 319 and Lake Restoration funds for 50% of the design and construction phase engineering services for various storm water best management practices identified in the 2012 Easter Lake Water Quality Management Plan.

**FISCAL IMPACT:**

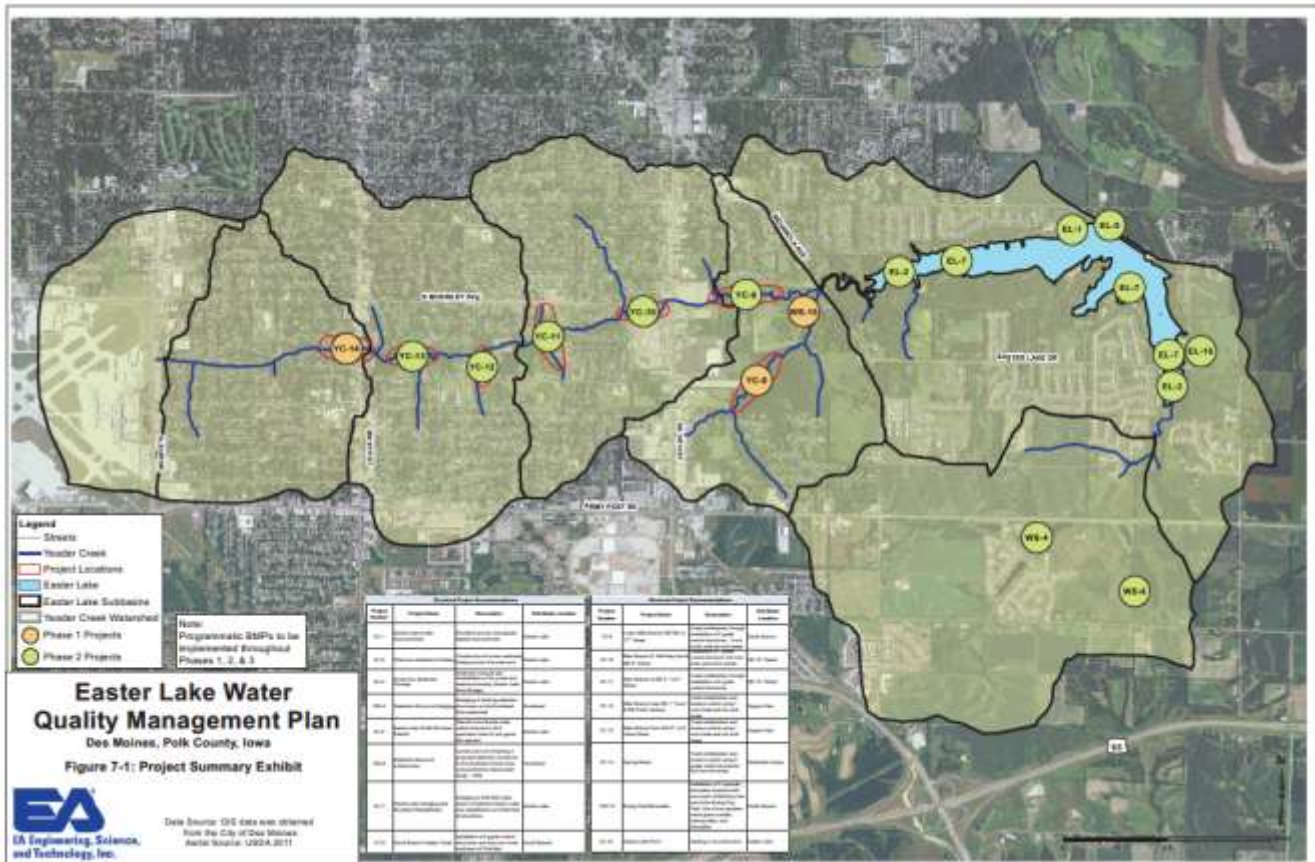
Amount: \$257,152.50

Funding Source: 2017-2018 CIP, Page Storm - 7, Easter Lake Watershed Improvements, SM061, Storm Water Utility Funds.

**ADDITIONAL INFORMATION:**

- The Easter Lake Water Quality Plan (Plan) was completed in October 2012 by Iowa Department of Natural Resources (IDNR) in cooperation with the City and Polk County Conservation Board. The Plan identified three (3) phases of water quality improvements both within Easter Lake and in the watershed area to be implemented over 10 years at a total estimated cost of \$15,000,000. There are seven (7) locations along Yeader Creek which were identified in the Plan to require grade control structures and erosion protection in an effort to reduce the amount of sediment and phosphorus being delivered to Easter Lake. The first two (2) erosion protection and control areas (YC-8 and YC-14) were constructed as part of Yeader Creek Grade Control Improvements, Phase 1 improvements. Also included as recommendations in the Plan are restoration of City owned detention basins and installation of bio-retention cells.
- Approval of this agreement will provide 50% of the cost of engineering services including, consultant services and City staff time, related to the next set of projects which IDNR and City staff have identified as priorities to meet the recommendations in the next phase of the 2012 Plan. Specific City projects that will utilize this funding are Yeader Creek Stabilization Improvements, Phase 2 (Act. ID 01-2017-032) and Easter Lake Watershed Improvements (Act

ID 01-2017-032). Similar funding agreements are anticipated to be presented to Council for construction costs prior to letting of construction contracts.



**PREVIOUS COUNCIL ACTION(S):**

Date: August 11, 2014

Roll Call Number: [14-1257](#) and [14-1258](#)

Action: [Cooperative](#) Agreement with Iowa Department of Natural Resources to fund 50% of Easter Lake Watershed Quality Improvement Project. ([Council Communication No. 14-390](#)) Moved by Gatto to adopt. Motion Carried 7-0.

- (A) [Professional](#) Services Agreement with Snyder & Associates, Inc. for Design Phase Services for the Yeader Creek Grade Control Improvements Phase 1 Project, not to exceed \$226,500. ([Council Communication No. 14-397](#)) Moved by Gatto to adopt. Motion Carried 7-0.

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

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:**

Supplemental agreement(s) anticipated for future construction costs.

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