


COUNCIL COMMUNICATION

	Number:	19-321	Meeting:	July 15, 2019
	Agenda Item:	67B	Roll Call:	19-1154
	Submitted by:	Jonathan A. Gano, P.E., Public Works Director		

AGENDA HEADING:

Approving Cooperative Agreement with Iowa Department of Natural Resources (IDNR) to provide funding for the Yeader Creek Stream Stabilization Improvements, Phase 2 project in an amount not to exceed \$936,480.

SYNOPSIS:

Recommend approval of IDNR Agreement No. 19CRDLWBMBALM-0019 for a total not to exceed \$936,480 of IDNR Lake Restoration and Section 319 funds for reimbursement of construction costs for the Easter Lake South Watershed Dredging and Improvements project.

FISCAL IMPACT:

Amount: \$936,480 IDNR grant funds

Funding Source: 2019-2020 CIP, Page Storm – 7, Easter Lake Watershed Improvements, SM061, \$936,480 of IDNR funding from a combination of Lake Restoration and Section 319 funding with the remaining \$2,139,653.60 of project construction costs being provided by the City using a combination of SRF Sponsored Projects funds and Storm Water Utility Funds.

ADDITIONAL INFORMATION:

- The Easter Lake Water Quality Management Plan (WQ Plan) issued in 2012, provided a comprehensive review of the causes of water quality degradation and potential solutions to improve Easter Lake water quality. The WQ Plan was co-sponsored by the IDNR, City of Des Moines, and Polk County Conservation Board. Other support agencies to the WQ Plan included the Iowa Department of Agriculture and Land Stewardship, Polk Soil and Water Conservation District, Natural Resources Conservation Service, and the Center for Agricultural and Rural Development.
- One (1) of the solutions from the WQ Plan was to reduce sediment delivery to Easter Lake from stream bed and bank erosion within Yeader Creek.

- Phase I of the Yeader Creek Stream Stabilization Improvements was completed in 2017. Phase 2 will complete the remaining Yeader Creek Projects identified in the WQ Plan. The primary purpose of this project is to reduce sediment loading to Easter Lake. Phase 2 includes construction of grade control structures/riffles to reduce water velocities, bend-way weirs, toe rock, live staking, and stabilization at several storm sewer outfall locations, all in an effort to reduce erosion.
- The proposed cooperative agreement will provide state funding for \$936,480 of the \$3,076,133.60 construction contract.

PREVIOUS COUNCIL ACTION(S):

Date: May 20, 2019

Roll Call Number: [19-0777](#)

Action: Ordering construction of the following:

- (C) [Yeader](#) Creek Stream Stabilization Improvements, Phase 2: Receiving of bids, (6-4-19), Setting date of hearing, (7-15-19). Engineer's estimate, \$3,111,000. ([Council Communication No. 19-234](#)) Moved by Gatto to adopt. Motion Carried 7-0.

Date: August 14, 2017

Roll Call Number: [17-1388](#)

Action: [Cooperative](#) Agreement with Iowa Department of Natural Resources (IDNR) to Fund 50% of the Easter Lake Watershed Improvement Project. ([Council Communication No. 17-596](#)) Moved by Hensley to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE

For more information on this and other agenda items, please call the City Clerk's Office at 515-283-4209 or visit the Clerk's Office on the first floor of City Hall, 400 Robert D Ray Drive. Council agendas are available to the public at the City Clerk's Office on Thursday afternoon preceding Monday's Council meeting. Citizens can also request to receive meeting notices and agendas by email by calling the Clerk's Office or sending their request via email to cityclerk@dmgov.org.