

## COUNCIL COMMUNICATION

	Number:	<b>20-490</b>	Meeting:	<b>November 9, 2020</b>
	Agenda Item:	<b>6B</b>	Roll Call:	<b>20-1744</b>
	Submitted by:	<b>Benjamin R. Page, Park and Recreation Director and Steven L. Naber, P.E., City Engineer</b>		

### AGENDA HEADING:

Ordering construction of the following: 2020 Gray's Lake Shoreline Repair - Receiving bids, (11-24-20), and Setting date of hearing, (12-21-20). Construction Estimate - \$325,000.

### SYNOPSIS:

Recommend the City Council order construction of the improvement and set dates to receive bids and hold a public hearing, as required by Iowa Code, utilizing the method of financing referenced below. This project provides for the stabilization of erosion along the northern and eastern shoreline of Gray's Lake.

### FISCAL IMPACT:

Amount: \$325,000 City Engineer's Estimate

Funding Source: 2020-2021 CIP, Page Parks - 10, Gray's Lake Park Improvements, PK140, G. O. Bonds, Being: \$32,123 in United States Department of Agriculture (USDA) for Emergency Watershed Protection (EWP) Program Funding (NR206114XXXXC037), and the remaining \$292,877 in GO. Bonds.

### ADDITIONAL INFORMATION:

- The Engineering Department has prepared plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the 2020 Gray's Lake Shoreline Repair, 11-2021-005. The improvement includes shoreline stabilization construction including bank grading and shaping, rip rap, sheet pile retaining wall, seeding, erosion control, restoration, and miscellaneous associated work including cleanup and other incidental items; all in accordance with the contract documents including Plan File Nos. 625-001/012, located along the shoreline of Gray's Lake.
- The estimated construction cost is \$325,000. The proposed plans, specifications, and form of contract documents are available for public inspection in the Des Moines City Engineer's Office.

- The project includes a combination of traditional armoring and innovative bio-engineering techniques to make the shoreline more resilient to flood events and erosion caused by wind and turbulent water.
- Construction of these improvements is anticipated to be completed in the spring 2021 (before summer 2021).

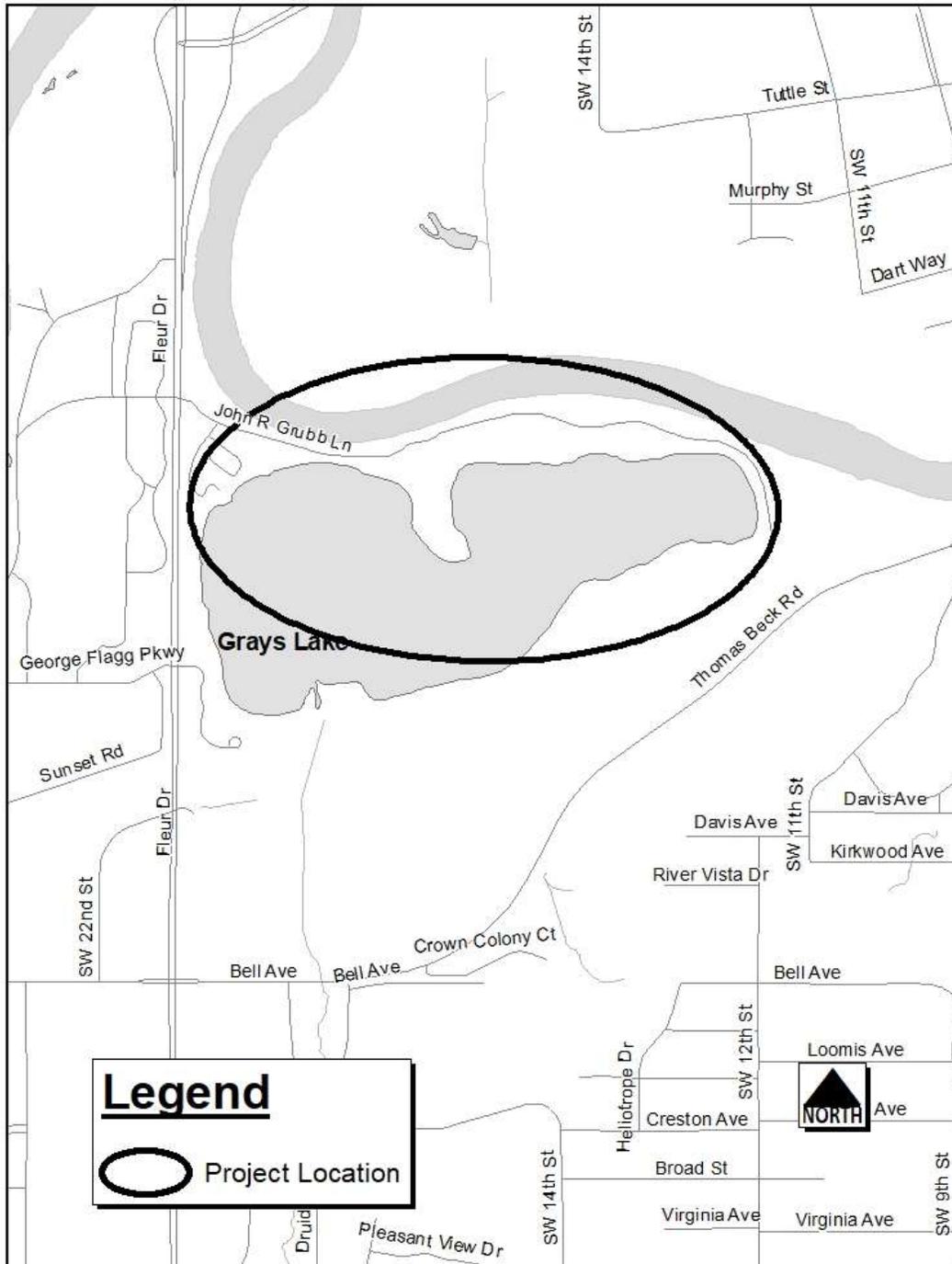




Photo above: North-centrally located 6-foot tall eroded lake shoreline and damaged storm sewer.



Photo above: Northeastern lake shoreline erosion.

**PREVIOUS COUNCIL ACTION(S):**

Date: June 8, 2020

Roll Call Number: [20-0918](#)

Action: [Grant](#) agreement with the U.S. Department of Agriculture for Emergency Watershed Protection Program funding and authorizing the City Manager to execute and make future amendments. ([Council Communication No. 20-232](#)) Moved by Gatto to adopt. Motion Carried 7-0.

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

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:**

Anticipated actions include public hearing, receive and file bids, designate lowest bidder, and approve contract and bond; also, approval of partial payments to the contractor and final acceptance of work.

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