


COUNCIL COMMUNICATION

	Number:	21-263	Meeting:	June 14, 2021
	Agenda Item:	7D	Roll Call:	[]
	Submitted by:	Benjamin R. Page, Park and Recreation Director, and Steven L. Naber, P.E., City Engineer		

AGENDA HEADING:

Ordering construction of the following: MacRae Park Slope Stabilization Retaining Walls at EMC Overlook - Receiving bids, (6-29-21), and Setting date of hearing, (7-19-21). Construction Estimate - \$1,200,000.

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. In MacRae Park, the slope on the south side of Thomas Beck Road was damaged by a landslide. The landslide has become increasingly more severe over the past year and over time can put the support footing of the EMC Overlook at risk. The project will construct two (2) tiered reinforced concrete retaining wall systems with rock anchors (tiebacks) and drainage improvements to stabilize the slope.

FISCAL IMPACT:

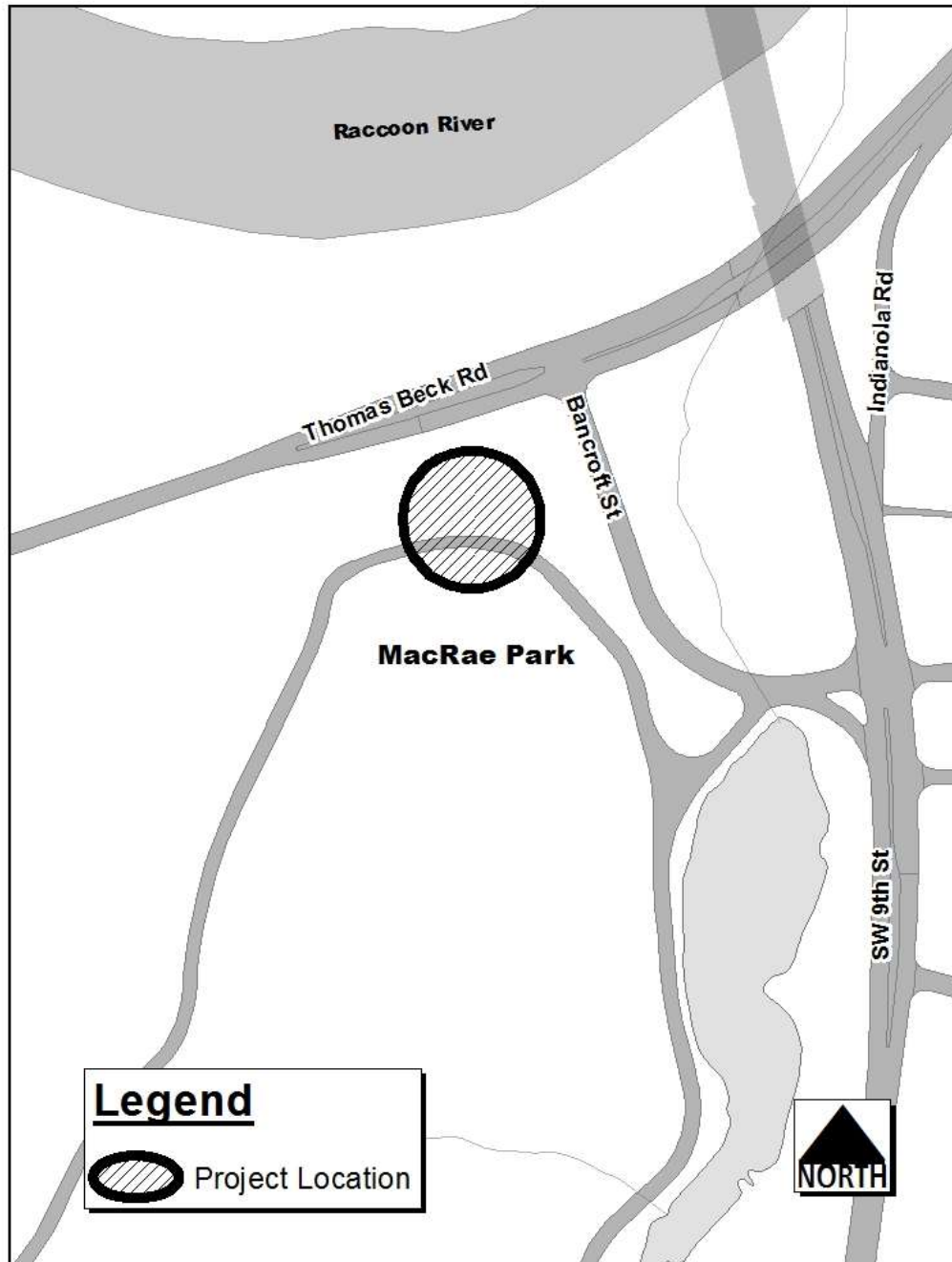
Amount: \$1,200,000 City Engineer's Estimate

Funding Source: 2021-2022 CIP, Page 73, Park Infrastructure, PK175, Being: \$300,000 G.O. Bonds Issued and \$900,000 G.O. Bonds to be issued.

ADDITIONAL INFORMATION:

- The Engineering Department has prepared plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the MacRae Park Slope Stabilization Retaining Walls at EMC Overlook, Activity ID 11-2021-009. The improvement includes clearing and grubbing, excavation, Portland Cement Concrete (PCC) cast-in-place retaining walls with rock anchor tie-backs, rock backfill, storm sewer, storm intakes, subdrain, PCC curb and gutter, PCC pavement patches, Hot Mix Asphalt (HMA), pavement scarification, railing, fencing, surface restoration and other incidental items; all in accordance with the contract documents, including Plan File Nos. 630-001/028, located in MacRae Park, 1021 Davis Avenue.
- The estimated construction cost is \$1,200,000. The proposed plans, specifications, and form of contract documents are available for public inspection in the Des Moines City Engineer's Office.

- Construction of this public improvement project is anticipated to start late summer 2021, with the stabilization work, including reinforced concrete retaining walls with rock anchors tie-backs and backfilling soil behind the retaining walls completed in the fall 2021, and the project fully completed by end of spring 2022. This project will require a temporary closure of Thomas Beck Road, west of Bancroft Street, during construction.



Aerial photos of existing conditions:



PREVIOUS COUNCIL ACTION(S): NONE

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, partial payments to the contractor and final acceptance of work.

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