COUNCIL COMMUNICATION				
CITY OF DES MOINES OFFICE OF THE CITY MANAGER	Number:	20-485	Meeting:	November 9, 2020
	Agenda Item:	13	Roll Call:	20-1756
	Submitted by:	Steven L. Naber, P.E., City Engineer		

AGENDA HEADING:

Authorization to proceed with acquisition of the necessary property interests for the Des Moines River Levee Alterations – Phases B and C Project by gift, negotiation, or eminent domain.

SYNOPSIS:

Recommend authorization to acquire the necessary property interests for the Des Moines River Levee Alterations – Phases B and C Project by gift, negotiation, or eminent domain. The purpose of this project is to mitigate the effects of increased flood flow frequencies of the Des Moines and Raccoon Rivers. This action is required by Iowa law before the City can initiate the property acquisition process under eminent domain.

FISCAL IMPACT:

Amount: To be determined after final design is completed.

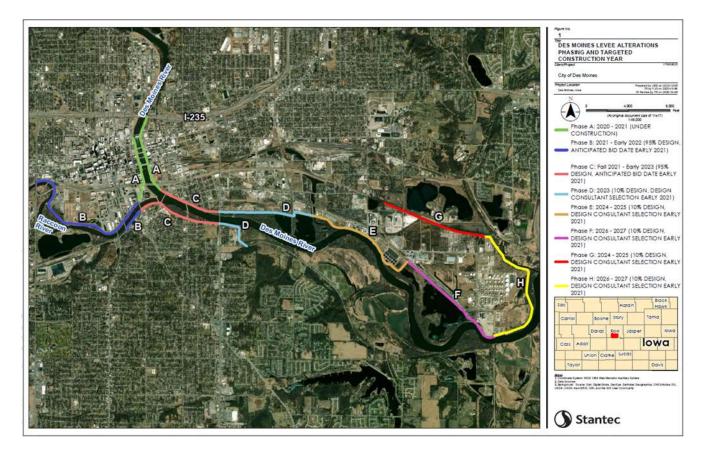
<u>Funding Source</u>: 2020-21 CIP, Page Storm Water Improvements – 7, Flood Mitigation Improvements,

SM087

ADDITIONAL INFORMATION:

- Following the significant flooding of 2008, the U.S. Army Corps of Engineers (USACE) updated the Des Moines River Regulated Flow Frequency Study to better identify and communicate the probability of flood events along the Des Moines River. The study results indicated that the flood flow frequencies increased over previous estimates. It is anticipated that application of these updated flows to the Des Moines River hydraulic model will result in increased Base Flood Elevations (BFE's) in future Federal Emergency Management Administration (FEMA) Flood Insurance Studies.
- Projects have been identified to mitigate the effects of increased flood flows on regulatory BFE's and ensure future FEMA Accreditation of the levee systems. Improvements include levee and floodwall improvements, bridge/structure modifications, and interior drainage improvements including pump stations and storm sewers.
- The timing of the improvements for the various phases shown on the map below are subject to funding availability, with State flood mitigation grants helping to fund most of these improvements.

- Phase B incorporates improvements to the reaches of the DM-II and DM-III levee systems along the Raccoon River upstream of SW 3rd Street.
- Phase C incorporates improvements to the downstream reaches of the DM-I and DM-III levee systems along the Des Moines River from approximately the confluence with Raccoon River to just downstream of SE 14th Street.



PREVIOUS COUNCIL ACTION(S):

<u>Date</u>: March 9, 2020

Roll Call Number: 20-0404, 20-0405, and 20-0406

<u>Action</u>: Approving the following three Supplemental Agreements to the Professional Services Agreements (PSA) related to the Des Moines Levee Alterations – Phase A, B, and C: (<u>Council Communication No. 20-118</u>

- (A) <u>Supplemental</u> Agreement No. 1 to the PSA with Stantec Consulting Services Inc. for additional design services for Des Moines Levee Alterations Phase A, not to exceed \$312,800. Moved by Boesen to adopt. Motion Carried 7-0.
- (B) <u>Supplemental</u> Agreement No. 1 to the PSA with Stantec Consulting Services Inc. for additional design services for Des Moines Levee Alterations Phase B, not to exceed \$210,600. (<u>Council Communication No. 20-118</u>) Moved by Boesen to adopt. Motion Carried 7-0.

(C) <u>Supplemental</u> Agreement No. 2 to the PSA with Barr Engineering Company for additional design services for Des Moines Levee Alterations – Phase C, not to exceed \$341,354. (<u>Council Communication No. 20-118</u>) Moved by Boesen to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE

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