


## COUNCIL COMMUNICATION

	Number:	<b>20-485</b>	Meeting:	<b>November 9, 2020</b>
	Agenda Item:	<b>13</b>	Roll Call:	<b>20-1756</b>
	Submitted by:	<b>Steven L. Naber, P.E., City Engineer</b>		

### 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.

Funding Source: 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.



- (C) [Supplemental](#) 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. ([Council Communication No. 20-118](#)) Moved by Boesen to adopt. Motion Carried 7-0.

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

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE**

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