


COUNCIL COMMUNICATION

	Number:	19-440	Meeting:	October 14, 2019
	Agenda Item:	11	Roll Call:	[_____]
	Submitted by:	Steven L. Naber, P.E., City Engineer		

AGENDA HEADING:

Approving increase of total project costs for the design and construction of the Des Moines and Raccoon Rivers Project.

SYNOPSIS:

Recommend approval of increase of the total project costs to complete the Des Moines and Raccoon Rivers Project. The increase in total project costs is comprised of the estimated costs for additional work to complete the design and construction of the two (2) remaining Downtown Closures located at the Iowa Interstate Railroad Bridge over the Des Moines River. The increased City share of the project costs provides the required local contribution of 35%.

FISCAL IMPACT:

Amount: \$245,000 (City's share {35%} of \$700,000 cost increase)

Funding Source: 2019-2020 CIP, Page Storm Water Improvements – 6, Flood Mitigation Improvements, SM087

ADDITIONAL INFORMATION:

- On October 12, 2009, by Roll Call No. 09-1833, City Council approved the Project Partnership Agreement (PPA), with a Corps of Engineers defined project totaling \$8,827,615 for the Birdland Park Levee, wetland mitigation, and downtown closure improvements. Subsequent increases to the total project approved by City Council include:
 - March 22, 2010, by Roll Call No. 10-0463, to secure stimulus funding.
 - March 28, 2011, by Roll Call No. 11-0553, for actual construction costs exceeding the estimate and the results of the Des Moines River Regulated Flow Frequency Study.
 - August 11, 2014, by Roll Call No. 14-1211, to increase total project costs for the Corps of Engineers to complete the certification of the Birdland and Central Place levees and the design and construction of the Downtown Closures 100-year or 0.01 probability flood protection consistent with the Des Moines River Regulated Flow Frequency Study.
 - April 25, 2016, by Roll Call No. 16-656, to increase the total project costs for costs for the design and construction of the Des Moines and Raccoon Rivers Project, which provided funding for additional work on the remaining six (6) closures.

- Seven (7) of the nine (9) closures have been constructed:
 - I-235 Upstream Tie-Off
 - DM 51 – Carlisle Road
 - DM 45 – Union Pacific Railroad flood swing gate closure
 - DM 79 – Walnut Street tie in floodwall closure at bridge
 - DM 81 – Court Avenue tie in floodwall closure at bridge
 - DM 75 – Locust Street – furnish temporary flood fighting measures
 - DM 77 – Amphitheater - furnish temporary flood fighting measures

- The two (2) remaining closures to be constructed include:
 - DM 87 – Iowa Interstate Railroad bridge (east) – construct a swing gate closure
 - DM 88 - Iowa Interstate Railroad bridge (west) – construct a stop log closure

- DM 87 and DM 88, located within railroad rights-of-way, require additional work including shoring installation resulting in increased project costs.

- The total project costs for the Des Moines and Raccoon Rivers Project will be increased consistent with Corps of Engineers and Congressional limits and available federal funding, currently at \$27,447,000.

- Additional federal funding of \$455,000 was approved by the Corps of Engineers Headquarters on September 9, 2019, to support the Des Moines and Raccoon Rivers project. The increased City share of the project provides the required local contribution of 35%.

- The Corps of Engineers has requested a payment of \$245,000, based on funds provided to date, credits for costs incurred, and estimated costs to complete the project, including requested betterments.

PREVIOUS COUNCIL ACTION(S):

Date: April 25, 2016

Roll Call Number: [16-0656](#)

Action: [Approving](#) increase of total project costs for the design and construction of the Des Moines and Raccoon Rivers Project. ([Council Communication No. 16-218](#)) Moved by Hensley to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

While not anticipated, during construction of the remaining two (2) closures, there is a possibility the Corps of Engineers may request additional payment(s) from the City for the City's share of increased costs due to change orders during construction, such as unforeseen site conditions.

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