 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date:	August 14, 2017
	Agenda Item No.	7A
	Roll Call No.	<u>17-1330</u>
	Communication No.	<u>17-598</u>
	Submitted by:	Pamela S. Cooksey, P.E., City Engineer

AGENDA HEADING:

Ordering construction of the following: Leetown Creekway Box Culvert from Dean Avenue to University Avenue - Receiving bids, (8-29-17), and Setting date of hearing, (9-11-17). Construction Estimate - \$7,900,000.

SYNOPSIS:

Recommend the City Council proceed with 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 increased storm water conveyance capacity to address recommended improvements identified in the Leetown Creekway drainage study.

FISCAL IMPACT:

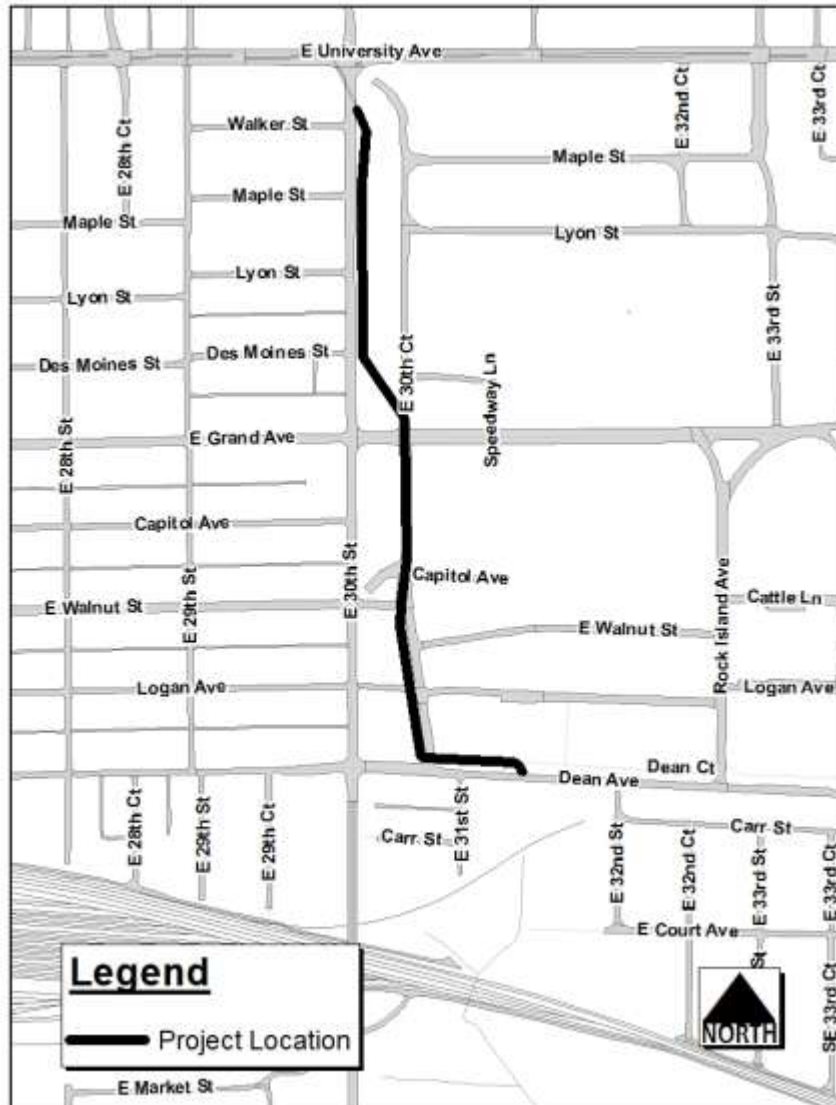
Amount: \$7,900,000 City Engineer's Estimate

Funding Source: 2017-2018 CIP, Page Storm – 9, Leetown Creekway - Outlet Improvements, SM075, Being: \$7,747,048 of Storm Revenue Bonds to be issued, and the remaining \$152,952 from the Iowa State Fair.

ADDITIONAL INFORMATION:

- The Engineering Department has prepared plans, specifications, form of contract documents, and City Engineer’s estimate for the construction of the Leetown Creekway Box Culvert from Dean Avenue to University Avenue, 08-2017-001. The improvement includes constructing new Reinforced Concrete Box (RCB) storm sewer sizes 6-feet by 6-feet, 12-feet by 5-feet, and 12-feet by 7-feet, Reinforced Concrete Pipe (RCP) storm sewer sizes 15-inches to 48-inches, precast manholes and intakes, cast-in-place manholes, Ductile Iron (DI) sanitary sewer sizes 10-inches to 24-inches, Poly Vinyl Chloride (PVC) storm and sanitary sewer, PVC water main, DI water main, 6-inch, 8-inch, and 10-inch Portland Cement Concrete (PCC) pavement, Hot-Mix Asphalt (HMA) paving, PCC curb and gutter, pavement markings, earthwork and grading, erosion control, fencing, and restoration and other associated and incidental items; all in accordance with contract documents, including Plan File Nos. 587-001/122, located just east of E. 30th Street from E. University Avenue to Dean Avenue, Des Moines, Iowa.

- The estimated construction cost is \$7,900,000. The proposed plans, specifications, and form of contract documents are available for public inspection in the Des Moines City Engineer's Office.
- This Leetown Creekway Box Culvert project through the Iowa State Fairgrounds is one (1) of several construction projects that were identified in the 7th Ward Ditch Flood Control Study completed in 1996.
- In the late 1990s and early 2000s, the City constructed a storm water detention basin south of Easton Boulevard and replaced the timber box culvert north of University Avenue.
- In 2016, the City completed channel improvements along Leetown Creekway from the Union Pacific Railroad to Fourmile Creek.
- This Leetown Creekway Box Culvert project includes constructing a 12-foot by 5-foot box culvert from Dean Avenue to University Avenue which will alleviate storm water flows to the existing 5-foot by 6-foot concrete box culvert and existing 48-inches diameter culvert which each run under buildings in the Iowa State Fairgrounds.
- The Leetown Creekway Box Culvert project will be constructed in phases in coordination with the Iowa State Fair with completion targeting late 2019.
- Future improvements to the Leetown Creekway include:
 - Leetown Creekway improvements south of Dean Avenue are scheduled to start construction in late 2018, including culvert installations under the Union Pacific Railroad, channel improvements and 12-foot by 7-foot box culvert construction connecting to the Leetown Creekway Box Culvert project.
 - Drainage improvements to E. 30th Street, including the intersection of E. 30th Street and Dean Avenue, which will be constructed in coordination with the E. 30th Street Streetscape.



PREVIOUS COUNCIL ACTION(S):

Date: July 24, 2017

Roll Call Number: [17-1216](#)

Action: [Acceptance](#) of proposal from MidAmerican Energy Company for relocation of electrical facilities for the Leetown Creekway Box Culvert project, \$53,220.49. ([Council Communication No. 17-554](#)) Moved by Moore to adopt. Motion Carried 7-0.

Date: January 23, 2017

Roll Call Number: [17-0089](#)

Action: [Approving](#) exception to Request for Proposals (RFP) process for good cause and approving Professional Services Agreement with Kirkham Michael & Associates, Inc. for Leetown Creekway Box Culvert –Iowa State Fair Roadway Design, not to exceed \$59,700. ([Council Communication No. 17-041](#)) Moved by Hensley to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S):

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.

For more information on this and other agenda items, please call the City Clerk's Office at 515-283-4209 or visit the Clerk's Office on the first floor of City Administration Building, 400 E. Court Avenue Ste.116. Council agendas are available to the public at the City Clerk's Office on Thursday afternoon preceding Monday's Council meeting. Citizens can also request to receive meeting notices and agendas by email by calling the Clerk's Office or sending their request via email to cityclerk@dmgov.org.