


COUNCIL COMMUNICATION

	Number:	19-441	Meeting:	October 14, 2019
	Agenda Item:	7A	Roll Call:	[]
	Submitted by:	Jonathan A. Gano, P.E., Public Works Director and Steven L. Naber, P.E., City Engineer		

AGENDA HEADING:

Ordering construction of the following: Leetown Creekway Box Culvert from Dean Avenue to U.P.R.R. - Receiving bids, (10-29-19), and Setting date of hearing, (11-18-19). Construction Estimate - \$5,500,000.

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. This project will complete the conveyance of Leetown Creekway and will alleviate localized flooding issues through the Fairgrounds and along a portion of Dean Avenue.

FISCAL IMPACT:

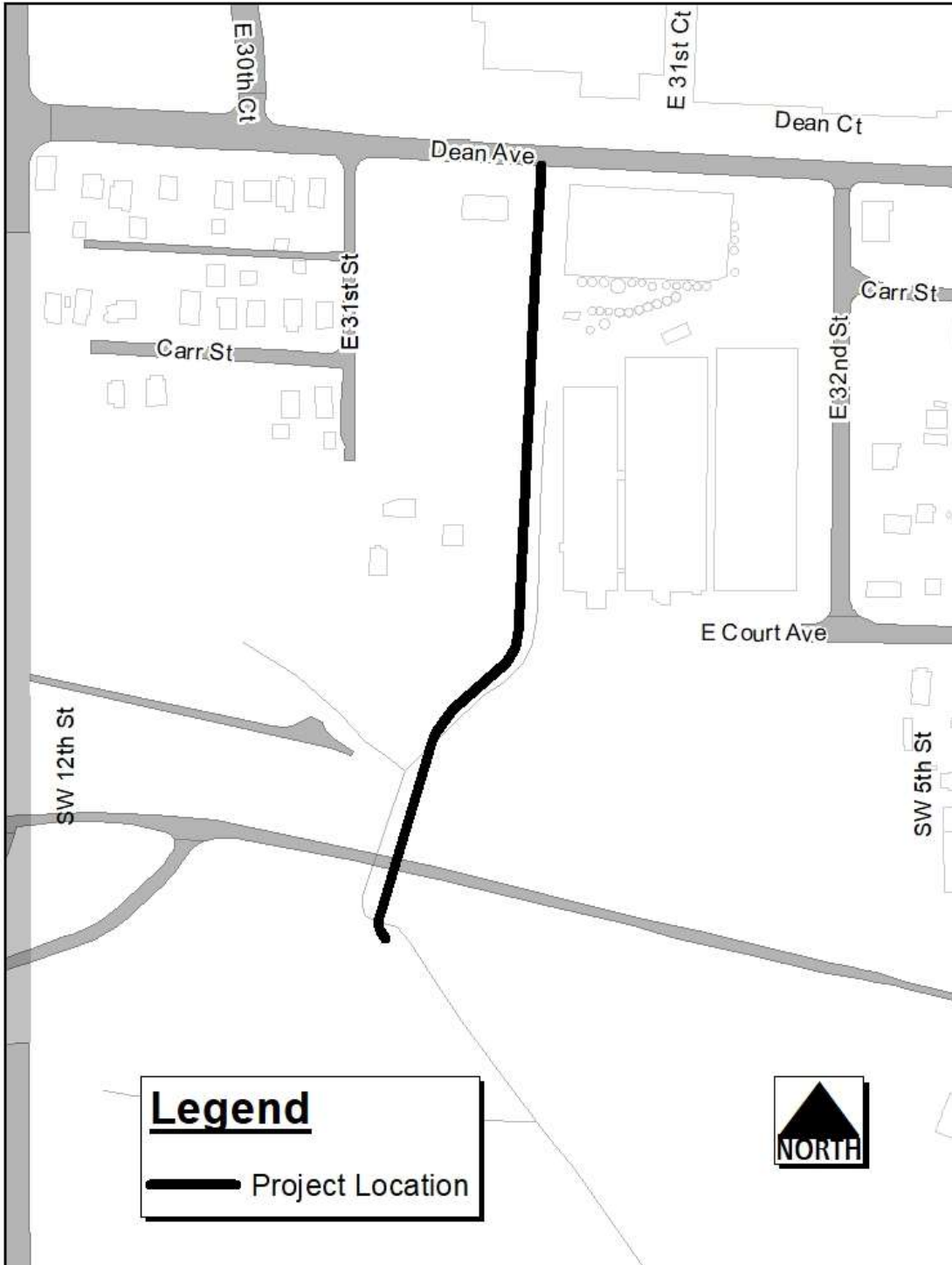
Amount: \$5,500,000 City Engineer's Estimate

Funding Source: 2019-2020 CIP, Page Storm – 10, Leetown Creekway - Outlet Improvements, SM075, Storm Water Utility Funds

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 U.P.R.R., 08-2018-001. The improvement includes constructing new Reinforced Concrete Box (RCB) storm sewer sizes 4-feet by 4-feet, 6-feet by 6-feet, and 12-feet by 7-feet, Reinforced Concrete Pipe (RCP) storm sewer sizes 15-inches to 42-inches, trenchless installation of 84-inch steel casing pipe, precast manholes and intakes, Ductile Iron, sanitary sewer sizes 6-inches to 12-inches, Poly Vinyl Chloride (PVC) storm sewer size 10-inches, PVC water service 4-inches, 6-inches and 10-inches Portland Cement Concrete (PCC) pavement, Hot-Mix Asphalt (HMA) paving, PCC curb and gutter, earthwork and grading, erosion control, fencing, and restoration and other associated and incidental items; all in accordance with contract documents, including Plan File Nos.613-001/033, located near E. 32nd Street from Dean Avenue to the Union Pacific Railroad.

- The estimated construction cost is \$5,500,000. 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 project is anticipated to be complete by summer 2020.





Legend

Purple Solid Line = Existing Sewer Box thru Fairgrounds Constructed in 2018-2019 (currently plugged at upstream end)

Green Solid Line = Sewer Box to Connect for Fairgrounds Sewer Box (*part of this project*)

Light Blue Solid Line = Sewer Box for Future Sewer from E 30th Street (*part of this project*)

Yellow Solid Lines = Bore three (3) 84-inches Diameter Culverts under railroad tracks (*part of this project*)

Orange Dashed Lines = Future Sewer for E 30th Street Drainage (Not Funded)

Red Dashed Lines = Future Sewer for Drainage Area east of Fairgrounds (Not Funded)

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

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