



TO: Michael C. Van Milligen, City Manager

FROM: Gus Psihoyos, City Engineer

DATE: June 4, 2020

RE: Kaufmann Avenue Storm Sewer Improvement Project from Francis Street to North Main Street
(CIP 2642769, PROJECT 1X0006 and CIP 64042735)

INTRODUCTION

The attached resolution authorizes the award of the construction contract for the Kaufmann Avenue Storm Sewer Improvement Project from Francis Street to North Main Street. The improvements are fully funded through the HUD National Disaster Resiliency (NDR) Community Development Block Grant (CDBG) funding awarded to the City through the State of Iowa.

BACKGROUND

In January 2016, the State was awarded \$95.7 million in HUD National Disaster Resiliency Competition grant funds. Per the award, the City of Dubuque is to receive \$23.1 million for storm water infrastructure improvements associated with the Bee Branch Watershed Flood Mitigation Project. The infrastructure improvements are as follows:

1. Bee Branch Railroad Culvert Infrastructure Improvements involving the installation of culverts from the Lower Bee Branch Creek, through Canadian Pacific Railway property, to the Upper Bee Branch north of Garfield Avenue;
2. 22nd Street/Kaufmann Ave Storm Sewer Improvements involving the installation of a large diameter storm sewer from 22nd & Elm up Kaufmann Avenue to the Kaufmann & Kane intersection. The work includes inlets and local sewer connections to the storm sewer and the complete reconstruction of the street and other underground utilities along the street right-of-way corridor.
3. 17th Street/W. Locust Street Storm Sewer Improvements involving the installation of large diameter pipe from the Lower Bee Branch Creek through the Canadian Pacific Railway tracks to 17th Street then to the west along 17th Street and finally west along W. Locust Street towards Angella St. The work includes inlets and local sewer connections to the storm sewer and the complete reconstruction of the street and other underground utilities along the street right-of-way corridor.

In October of 2016, the City Council passed Resolution 362-16 authorizing the execution of the funding contract with the Iowa Economic Development Authority (IEDA) for the City's receipt of \$23,309,600.00 in Community Development Block Grant Program Disaster Recovery - National Disaster Resiliency funds for the Bee Branch Watershed Flood Mitigation Project.

In January of 2017, the City Council authorized the hiring of East Central Intergovernmental Association (ECIA) to provide General Administrative services related to the City's use of the HUD NDR CDBG grant funding.

In December of 2019, IEDA requested that all grant sub-recipients, such as the City of Dubuque, provide a letter outlining the budget status and the need for any additional amendments to the funding contract. The main reason for the request is to help IEDA determine if each grant sub-recipient is on schedule to spend the money within the allotted timeframe. If IEDA determines that a sub-recipient will not be able to spend the funding by September 31, 2019, they may reallocate the funding to another sub-recipient for their use.

In January of 2020, the City Council authorized the Mayor to sign and send a letter in response to IEDA's request. The letter outlined that the City is in a position to spend more than the currently allotted HUD NDR CDBG funding and requested a possible amendment if additional funding was available.

DISCUSSION

On April 7, 2020, ECIA notified the City that IEDA had increased the funding available to the City for infrastructure improvements by \$1,768,295.00. As a result, the City can move forward with the improvements on Kaufmann Avenue as outlined in the Kaufmann Avenue Storm Sewer Improvement Project from Francis Street to North Main Street fully funded using HUD NDR CDBG grant funding.

The Kaufmann Avenue Storm Sewer Improvement Project from Francis Street to North Main Street is one phase of the Bee Branch Watershed Flood Mitigation Project. The project involves the replacement of the existing storm sewer with a large diameter storm sewer and additional storm drains (intakes) along Kaufmann Avenue from Francis Street to west of the North Main Street intersection with Kaufmann Avenue. Improvements will continue up Kaufmann Avenue to Kane Street in a future phase depending on future funding. This work will require the relocation and reconstruction of existing underground utilities to provide the necessary space for the larger storm sewer. It will also require the complete removal and subsequent reconstruction of the street.

Improvements include the installation of approximately 280 linear feet of 10-foot by 6-foot concrete box culvert (either cast-in place or precast) with cast in place connections on the west end of the project. The project will include large trench grate intakes across the roadway and local storm sewer and intakes. Due to the extensive storm sewer construction the project will require roadway reconstruction with HMA pavement, PCC driveway, sidewalk, and curb ramp reconstruction, PCC wall, railing, and step

construction, water main replacement, sanitary sewer replacement, temporary storm water management, dewatering, mobilization, electrical conduits, fiber vaults, miscellaneous restoration, erosion control, and traffic control.

This project also has an alternate to install new full width storm sewer intakes on 17th Street near Heeb Street. The work would involve extending the 10'x5' box culvert thirty feet to the west and connecting the old storm sewer to the new storm sewer. This construction work would also include full street width storm intake grates to capture overland flow before reaching Central Avenue.

The base bid portion of the work on Kaufmann Avenue is scheduled to be completed by November 30, 2020. The contractor has the flexibility to complete the alternate bid portion of the work on 17th Street at Heeb Street by August 1, 2021. The Contractor cannot close both Kaufmann Avenue and 17th Street at the same time.

PUBLIC ENGAGEMENT

The Engineering staff have met with the property owners one on one and have sent multiple letters concerning the phases of this project and potential future projects in the corridor. A project website is located at: <https://www.cityofdubuque.org/1820/22nd-St-Kaufmann-Ave-Project>. This is on the Bee Branch Flood Mitigation area of the City's website. Engineering staff has also met with Greater Dubuque Development Corp. to coordinate outreach to businesses in the area. Engineering staff will continue to keep residents and businesses updated on the project status through letters and post cards.

Temporary construction easements were required for some properties. The required temporary easements have been secured. The City followed the procedures outlined with the Iowa DOT in acquiring temporary construction easements.

BID RESULTS

On June 4, 2020, the City received bids for the Kaufmann Avenue Storm Sewer Improvement Project from Francis Street to North Main Street. Bidders were asked to provide a base bid and alternate. In the bidding documents, the City outlined that award of the contract would be based on the lowest bid, awarding the base and alternate based on the available funding. The City received three bids for the project:

Contractor	Base Bid	Alternate Bid	Total Bid
Portzen Construction	\$1,398,950.00	\$378,312.50	\$1,777,262.50
Tschiggfrie Excavating	\$1,455,240.70	347,587.00	\$1,802,827.70
McDermott Excavating	\$1,534,254.50	411,341.38	\$1,945,595.88

Due to the available funding for this project, the recommendation is that the Base Bid and Alternate Bid be awarded. Engineering staff will have other construction documents ready for future phases on Kaufmann Avenue and 17th Street/W. Locust Street should

additional funding become available. Based on this recommendation, Portzen Construction of Dubuque, IA, submitted the low base bid for Base Bid Plus Alternate Bid in the amount of \$1,777,262.50. This amount is 3.9% under the estimate of probable cost.

RECOMMENDATION

I recommend that the contract for the Kaufmann Avenue Storm Sewer Improvement Project from Francis Street to North Main Street be awarded to Portzen Construction of Dubuque, IA based on the Base Bid plus Alternate bid in the amount of \$1,777,262.50.

BUDGET IMPACT

The summary of cost for the Kaufmann Avenue Storm Sewer Improvement Project from Francis Street to North Main Street, including the cost of the alternate on 17th Street at Heeb Street is as follows:

	<u>Estimate</u>	<u>Award</u>
Construction Contract	\$ 1,850,000.00	\$1,777,262.50
Contingency	92,500.00	\$92,500.00
Engineering Design, Administration & Inspection	<u>196,250.00</u>	<u>\$196,250.00</u>
Total Project Cost	\$ 2,138,750.00	\$2,066,012.50

The funding summary is as follows:

CIP	Fund Description	Fund Amount
264-2769 1X0006 (HUD)	HUD NDR CDBG Grant	\$2,031,012.50
64042735	Lead Service Line Replacement Program	\$35,000.00
TOTAL		\$2,066,012.50

The improvements will be funded using the \$24.9 million in Community Development Block Grant Program Disaster Recovery - National Disaster Resiliency funds for the Bee Branch Watershed Flood Mitigation Project and CDBG entitlement funds.

ACTION TO BE TAKEN

I recommend that the City Council adopt the attached resolution awarding the construction contract for the Kaufmann Avenue Storm Sewer Improvement Project from Francis Street to North Main Street to Portzen Construction in the amount of \$1,777,262.50.

Prepared By: Jon Dienst, P.E.

cc: Crenna Brumwell, City Attorney
Jenny Larson, Finance & Budget Director
John Tharp, Grant Administrator
Alexis Steger, Housing Department Manager
Deron Muehring, Civil Engineer