



TO: Michael C. Van Milligen, City Manager

FROM: Gus Psihoyos, City Engineer

DATE: April 27, 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 resolutions authorize the initiation of the public bidding procedure 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/Valeria 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 removing the temporary storm sewer connection constructed previously in 2018 and constructing a permanent termination point for the 10-foot by 5-foot box culvert. This termination point would include full street width storm intake grates to capture overland flow before reaching Central Avenue.

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.

There will be a need to acquire temporary construction easements for some properties. These easements will be acquired prior to construction. Property rights letters and related temporary easement information have been mailed out to property owners. The City will follow the procedures outlined with the Iowa DOT in acquiring temporary construction easements.

PROJECT SCHEDULE

The schedule for the Project is as follows:

Initiate Public Bidding Process	May 4, 2020
Publish Notice to Bidders, Advertise for Bids	May 8, 2020
Publish Public Hearing Notice on Plans & Specs	May 8, 2020
Public Hearing on Plans & Specifications	May 18, 2020
Receipt of Bids (Bid Letting)	June 4, 2020
Award Construction Contract	June 15, 2020
Final Project Completion	November 30, 2020

Subsequent phases if funding is available will follow in 2021. All of the improvements for all phases utilizing CDBG National Disaster Resiliency funds must be complete by September 30, 2021.

RECOMMENDATION

I recommend preliminary approval of the proposed plans, specifications, form of contract, and construction estimate for the Kaufmann Avenue Storm Sewer Improvement Project from Francis Street to North Main Street. I further recommend establishing the date of a public hearing and authorize the City Clerk to advertise for bids for the Project.

BUDGET IMPACT

The preliminary estimate of probable costs for the Kaufmann Avenue Storm Sewer Improvement Project from Francis Street to North Main Street is as follows:

Construction	\$ 1,850,000.00
Property Easements	\$2,000.00
Contingency (5%)	92,500.00
Engineering	<u>194,250.00</u>
Total Project Cost	<u>\$2,138,750.00</u>

The funding summary is as follows:

CIP & PROJECT	Fund Description	Fund Amount
2642769 1X0006 (HUD)	HUD NDR CDBG Grant	\$2,118,750.00
64042735	Service Line Assistance	\$20,000.00
	TOTAL	\$2,138,750.00

The funding summary above includes lead service line replacement in conjunction with the Water Department. Engineering staff coordinated inspections of the properties to verify if the services are lead or copper. Property owners will be given the option to be voluntarily assessed through the project to replace lead lines. Financial assistance will be made available if the resident in the building meets low/moderate income guidelines.

Besides a portion of the work associated with lead service line replacements, 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.

ACTION TO BE TAKEN

I respectfully request adoption of the attached resolutions preliminarily approving the proposed plans, specifications, form of contract, and construction estimate; establishing the date of the public hearing; and authorizing the City Clerk to advertise for bids for the Kaufmann Avenue Storm Sewer Improvement Project from Francis Street to North Main Street.

Attach.

Prepared by Jon Dienst, P.E.

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

