


TO: Michael C. Van Milligen, City Manager
FROM: Gus Psihoyos, City Engineer 
DATE: February 26, 2019
RE: 22nd Street/Kaufmann Avenue Storm Sewer Improvements Project
(White Street to Kleine Street)
CIP# 2642769, PROJECT# 1X0006

INTRODUCTION

The attached resolution authorizes the award of the construction contract for the 22nd Street/Kaufmann Avenue Storm Sewer Improvements Project (White Street to Kleine Street).

BACKGROUND

In January 2016, the State of Iowa 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 a 96-inch 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.

DISCUSSION

The 22nd Street/Kaufmann Avenue Storm Sewer Improvements Project (White Street to Kleine 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 22nd Street/Kaufmann Avenue from White Street to Kleine Street. Improvements will continue up Kaufmann Avenue to Kane Street in a future phase. 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.

The improvements will be constructed in multiple traffic control phases to accommodate residents and businesses. Phase I involves the construction of improvements on 22nd Street from White Street to Francis Street. Phase II improvements include construction from Francis Street to North Main Street. Phase III improvements include construction from North Main Street to west of Kleine Street. Improvements include the installation of approximately 1200 linear feet of 10-foot by 6-foot concrete box culvert (either cast-in place or precast) with cast in place connections on both the west and east ends of the project. The project also includes local storm sewer and intakes, 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, traffic signal replacement, miscellaneous restoration, erosion control, and traffic control.

PUBLIC ENGAGEMENT

The Engineering staff has held multiple public information meetings for this project. These were held on August 22, 2017, July 25, 2018, November 5, 2018 at Comiskey Park. Several letters were sent to property owners and residents in the affected properties on the project before the public meeting and since. See attached public outreach letter as an example. Engineering staff is also meeting with property owners and tenants individually onsite to answer questions about the project. 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. A newsletter that is sent to all Bee Branch residents (13,000 property owners) also describes the project and schedule.

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

BID RESULTS

On February 26, 2019, the City received bids for the 22nd Street/Kaufmann Avenue Storm Sewer Improvements Project (White Street to Kleine Street). Bidders were asked to provide two options, one that includes construction from White Street to Francis Street and another from White Street to Kleine Street. In the bidding documents, the City outlined that award of the contract would be based on the lowest bid, awarding the option based on the available funding. The City received four bids for the project:

Option A Bid Proposal (White to Francis)

| <u>Contractor</u> | <u>Bid Results</u> |
|--------------------------|---------------------------|
| Portzen Construction | \$2,349,054.47 |
| Langman Construction | \$2,673,057.91 |
| Tschiggfrie Excavating | \$2,878,505.39 |
| Legacy Corporation | \$2,986,252.04 |

Option B Bid Proposal (White to Kleine)

| <u>Contractor</u> | <u>Bid Results</u> |
|--------------------------|---------------------------|
| Portzen Construction | \$4,398,119.08 |
| Langman Construction | \$5,181,514.87 |
| Tschiggfrie Excavating | \$5,196,135.83 |
| Legacy Corporation | \$5,880,880.00 |

Due to the available funding for this project, the recommendation is that Option A be awarded. Engineering staff will have the plans ready for future phases on Kaufmann Avenue should additional funding become available. Based on this recommendation, Portzen Construction of Dubuque, IA, submitted the low base bid for Option A in the amount of \$2,349,054.47. This amount is 20.54% under the estimate of probable cost.

RECOMMENDATION

I recommend that the contract for the 22nd Street/Kaufmann Avenue Storm Sewer Improvements Project (White Street to Kleine Street) be awarded to Portzen Construction of Dubuque, IA based on Option A bid in the amount of \$2,349,054.47.

BUDGET IMPACT

The summary of cost for the 22nd Street/Kaufmann Avenue Storm Sewer Improvements Project (White Street to Kleine Street) is as follows:

| | <u>Estimate</u> | <u>Award</u> |
|---|-------------------------------|------------------------------|
| Construction Contract | \$ 2,956,255.75 | \$2,349,054.47 |
| Contingency | 295,625.57 | \$293,542.00 |
| Engineering Design, Administration & Inspection | 443,438.36 | \$443,438.36 |
| Total Project Cost | <u>\$ 3,695,319.68</u> | <u>\$3,086,034.83</u> |

The funding summary is as follows:

| CIP# | Fund Description | Fund Amount |
|--------------------------|--|------------------------------|
| 264-2769 1X0006 (HUD) | 22 nd Street Storm Sewer Improvements | \$2,757,492.83 |
| 340-2769 1x0003 | Sales Tax Increment | \$293,542.00 |
| 260-2767 | Lead Service Line Replacement Program | \$35,000.00 |
| | TOTAL | <u>\$3,086,034.83</u> |

The improvements will be funded using the \$23.1 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 22nd Street/Kaufmann Avenue Storm Sewer Improvements Project (White Street to Kleine Street) to Portzen Construction in the amount of \$2,349,054.47.

Attach.

Prepared by Jon Dienst, P.E.

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