


# COUNCIL COMMUNICATION

|   |               |  |            |                          |
|---|---------------|--|------------|--------------------------|
|  | Number:       | <b>25-077</b>  | Meeting:   | <b>February 24, 2025</b> |
|   | Agenda Item:  | <b>52</b>  | Roll Call: | <b>25-0302</b>           |
|   | Submitted by: | <b>Jonathan A. Gano, P.E., Public Works Director, and Steven L. Naber, P.E., City Engineer</b> |            |                          |

## AGENDA HEADING:

Hearing on Hamilton Drain Storm Water Improvements Phase 4: Resolution approving plans, specifications, form of contract documents, engineer's estimate, receive and file bids, and designating lowest responsible bidder as Corell Contractor, Inc. (Grant S. Corell, President), \$2,198,439.07.

## SYNOPSIS:

This is a public hearing to allow for public input on the Hamilton Drain Storm Water Improvements Phase 4 and take the necessary actions as required by Iowa Code to authorize a contract for construction of the proposed project. The project includes the construction of a trunk storm sewer from the newly constructed storm water detention basin located at 3610 E. 12th Street to the intersection of E. Ovid Avenue and E. 13th Street. This storm water improvement is the fourth and final phase of the planned Hamilton Drain storm water improvement projects that will reduce storm water flooding in the Highland Park neighborhood and surrounding area.

## FISCAL IMPACT:

Amount: \$2,198,439.07 Construction Contract (\$2,225,000 City Engineer's Estimate)

Funding Source: Fiscal Year (FY) 2024-2025 Capital Improvement Program (CIP), Page 94, Hamilton Drainage Area Improvements, SM133, Being: \$2,001,607.82 in Storm Water Utility funds and the remaining \$196,831.25 from Des Moines Water Works

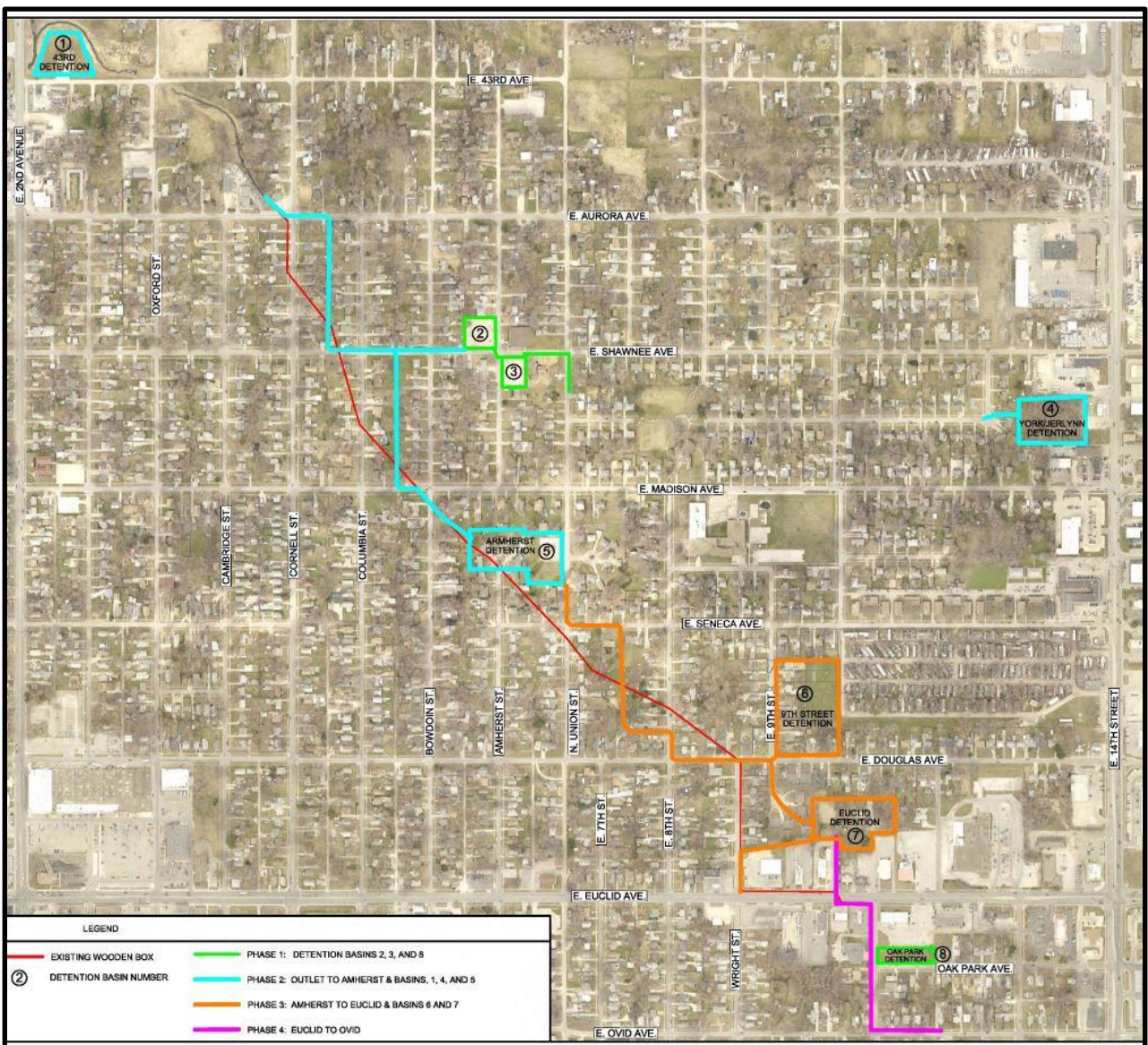
## ADDITIONAL INFORMATION:

- On January 13, 2025, under Roll Call No. 25-0012, the City Council received and filed plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the Hamilton Drain Storm Water Improvements Phase 4. Before the City Council can enter into a contract, it must hold a public hearing and approve the proposed plans, specifications, and form of contract documents and engineer's estimate for the construction of the Hamilton Drain Storm Water Improvements Phase 4, Activity ID 08-2024-001. The improvement includes the construction of 15-inch to 48-inch diameter trenched and trenchless storm sewer, manholes, intakes, subdrain, sanitary sewer, Portland Cement Concrete (PCC) pavement, Hot Mix Asphalt (HMA) paving, removals, PCC sidewalk, PCC driveways, earthwork, water main adjustments, traffic control, fencing, site furnishings, erosion control, and surface restoration, all in accordance with the contract documents including Plan File No. 672-001/108 for the construction of trunk storm sewer from the newly constructed storm water detention basin located at 3610 E. 12th Street to the intersection of E. Ovid Avenue and E. 13th Street.

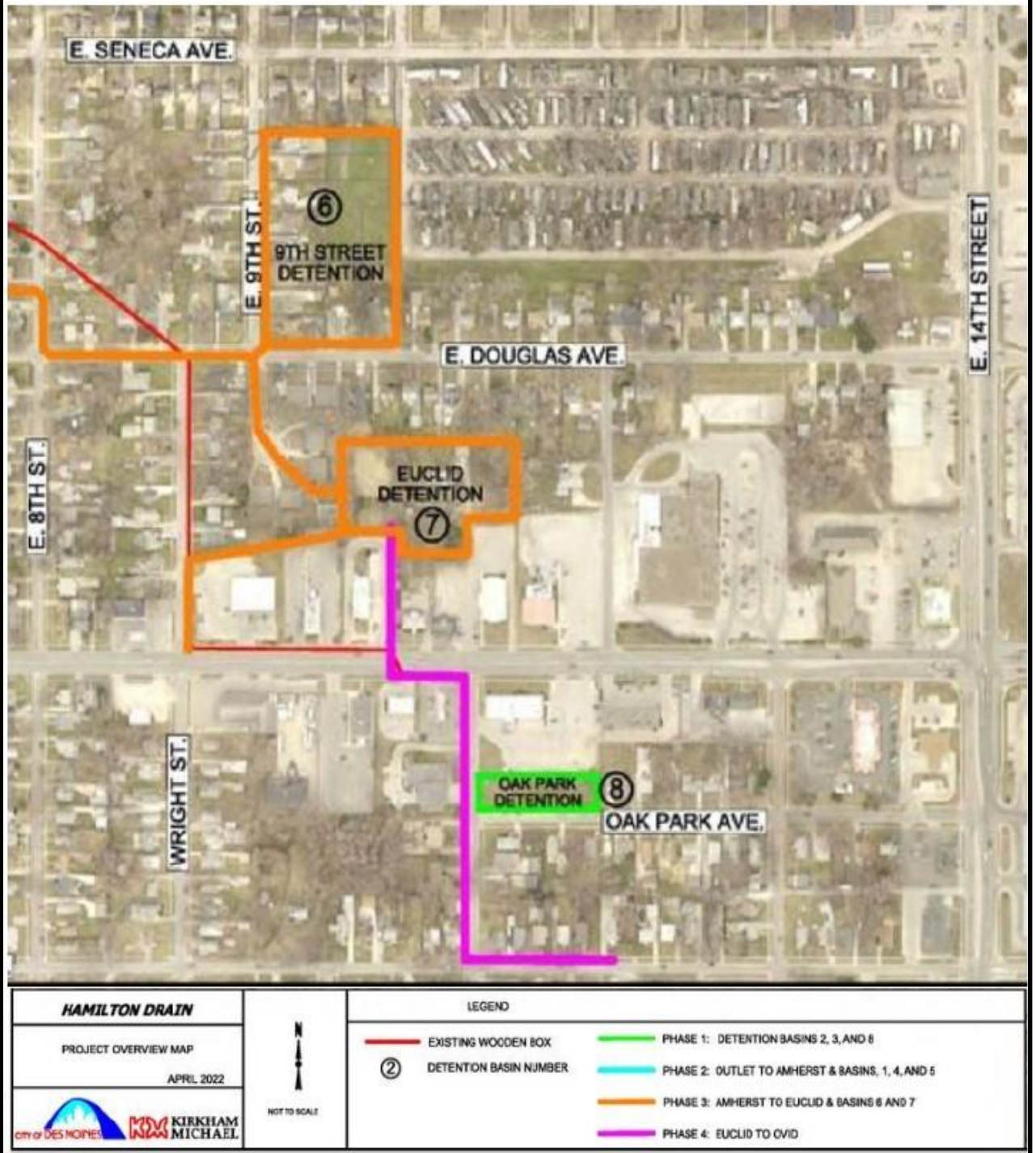
- Sealed bids for said improvement were submitted by the following bidders:
  - Corell Contractor, Inc., West Des Moines, IA - Low Bid
  - RW Excavating Solutions, LC, Prairie City, IA
- The bids were received and opened at a public meeting presided over by the City Engineer in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa at 11:00 a.m. on January 28, 2025.
- The City Engineer has determined that the lowest responsive, responsible bid for the construction of said improvement was submitted by Corell Contractor, Inc. (Grant S. Corell, President, 1300 Lincoln Street, West Des Moines, IA 50265) in the amount of \$2,198,439.07, and said bid should be accepted. The Finance Director has determined that funds are available for said improvement as stated above.
- A wood box culvert, known as the Rocky Place Storm Sewer and installed in the 1930s in the Highland Park Neighborhood, conveyed much of the drainage in the watershed generally located west of E. 14th Street, east of 2nd Avenue, north of Hull Avenue, and south of Aurora Avenue. This area experienced flooding in the past and, as a result, the Federal Emergency Management Administration (FEMA) has designated areas in this neighborhood as a Special Flood Hazard Area.
- The City, with the assistance from an engineering consultant, developed a conceptual plan for proposed improvements, known as the Hamilton Drain East System Storm Sewer Improvements, which includes replacement of the old wooden box with new storm sewer pipe having an alternate alignment through the neighborhood, including construction of multiple storm water detention facilities to mitigate flooding and manage storm water. Public meetings were held in October 2017, May 2019, and August 2020, to gather input prior to developing conceptual improvements, obtain feedback on proposed conceptual improvements, and present the final conceptual plan for improvements.
- The Hamilton Drain East System Storm Sewer Improvements is being constructed in four (4) separate phases.
- Phase 1 of the Hamilton Drain East System Storm Sewer Improvements, shown in green in the Overall Phasing Exhibit below, was completed in 2021 and included construction of underground storm water detention basins near the intersections of Amherst Street and E. Shawnee Avenue and an above ground storm water detention basin near the intersection of E. Oak Park Avenue and E. 12th Street.
- Phase 2 of the Hamilton Drain East System Storm Sewer Improvements, shown in teal in the Overall Phasing Exhibit below, was completed in the spring 2024 and included construction of approximately 2,600 lineal feet of 84-inches diameter storm sewer from the new detention basin off Amherst Street and south of E. Madison Avenue to northwest of the intersection of E. Aurora Avenue and Cornell Street, and construction of three (3) new storm water detention basins:
  - 544,000 cubic-feet storage detention basin located northeast of the intersection of 2nd Avenue and NE 43rd Avenue.
  - 370,000 cubic-feet storage detention basin located off Amherst Street and south of E. Madison Avenue.
  - 260,000 cubic-feet storage detention basin located east of the intersection of Jerlynn Avenue and York Street.

- Phase 3 of the Hamilton Drain East System Storm Sewer Improvements, shown in orange in the Overall Phasing Exhibit below, is approximately 85% complete and is estimated to be complete in the spring 2025. Phase 3 includes construction of storm water detention basins at 3801 E. 9th Street (448,000 cubic feet storage) and 3610 E. 12th Street (357,000 cubic-foot storage), and the construction of trunk storm sewer from the new detention basin in the 3900 block of Amherst Street to the intersection of E. Euclid Avenue and Wright Street.
- Phase 4 of the Hamilton Drain East System Storm Sewer Improvements, shown in pink in the Overall Phasing Exhibit below, is the final phase of this storm sewer improvement project and includes the construction of approximately 1,052 lineal feet of 48-inches diameter storm sewer from the newly constructed storm water detention basin located at 3610 E. 12th Street to the intersection of E. Ovid Avenue and E. 13th Street.
- Construction of this Phase 4 project is anticipated to be completed in fall 2025.

**EXHIBIT: Overall Phasing - Hamilton Drain East System Storm Sewer Project**



**Exhibit: Phase 4 (Final Phase) - Hamilton Drain East System Storm Sewer Project**



**PREVIOUS COUNCIL ACTION(S):**

Date: January 13, 2025

Roll Call Number: [25-0012](#)

Action: Ordering construction of the following:

- (E) [Hamilton](#) Drain Storm Water Improvements Phase 4: Receiving of bids, (1-28-25) and Setting date of hearing, (2-24-25), Engineer's estimate, \$2,225,000. ([Council Communication No. 25-019](#)) Moved by Gatto to adopt. Second by Mandelbaum. Motion Carried 7-0.

**BOARD/COMMISSION ACTION(S): NONE**

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:**

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 Hall, 400 Robert D Ray Drive. 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](mailto:cityclerk@dmgov.org).