


COUNCIL COMMUNICATION

	Number:	25-039	Meeting:	January 27, 2025
	Agenda Item:	12	Roll Call:	25-0098
	Submitted by:	Jonathan A. Gano, P.E., Public Works Director and Steven L. Naber, P.E., City Engineer		

AGENDA HEADING:

Approving Supplemental Agreement No. 3 to the Professional Services Agreement (PSA) with Kirkham Michael & Associates, Inc. for professional services for Hamilton Drain Storm Water Improvements, not to exceed \$98,500.

SYNOPSIS:

Recommend approval of Supplemental Agreement No. 3 to the PSA with Kirkham Michael & Associates, Inc. (Michael S. Olson, President, 12700 West Dodge Road, Omaha, Nebraska 68154) for an additional amount not to exceed \$98,500, based on hourly rates and reimbursable costs, to provide construction staking and construction engineering services for Phase 4 of the Hamilton Drain Storm Water Improvements.

FISCAL IMPACT:

Amount: \$98,500

Funding Source: Fiscal Year (FY) 2024-2025 Capital Improvement Program (CIP), Page 94, Hamilton Drainage Area Improvements, SM133, Storm Water Utility Fund

ADDITIONAL INFORMATION:

- The Hamilton Drain East System Storm Water Improvements project will improve drainage and mitigate flood risk in portions of the Highland Park neighborhood.
- Originally, an old storm drainage culvert made of treated wood planks (Rocky Place Storm Sewer) was constructed underground through part of Highland Park in the 1930's. The culvert was rectangular in shape and varied in size from 18-inches by 24-inches up to five (5)-feet by seven (7)-feet. At some locations, the culvert was in relatively good condition for its age. In other locations, the culvert was in fair to poor condition. This area has experienced flooding, and the Federal Emergency Management Agency (FEMA) has designated a Special Flood Hazard Area in the neighborhood.

- 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. Five (5) construction phases were originally anticipated after the study portion of the project was completed; however, subsequent review during preliminary design resulted in the development of a phasing schedule that will allow the project to be constructed in four (4) 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 East Shawnee Avenue and an above ground storm water detention basin near the intersection of East Oak Park Avenue and East 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 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 East Madison Avenue to northwest of the intersection of East 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 East 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 spring 2025. Phase 3 includes construction of storm water detention basins at 3801 East 9th Street (448,000 cubic feet storage) and 3610 East 12th Street (357,000 cubic-feet storage), and the construction of trunk storm sewer from the new detention basin in the 3900 block of Amherst Street to the intersection of East Euclid Avenue and Wright Street.

- Phase 4 of the Hamilton Drain East System Storm Sewer Improvements, as indicated in pink in the phasing maps below, is the final phase of this 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 East 12th Street to the intersection of East Ovid Avenue and East 13th Street.
- Bids are scheduled to be received on January 28, 2025, for construction of Phase 4 of the Hamilton Drain East System Storm Sewer Improvements, which is anticipated to start in spring 2025 and be completed in fall 2025.
- On December 16, 2019, by Roll Call No. 19-1980, the City Council approved a PSA with Kirkham Michael & Associates, Inc. for preliminary design of Phases 1, 2, 3, 4, and 5; and final design of Phases 1 and 2 for the Hamilton Drain Storm Water Improvements, not to exceed \$1,300,000.
- On November 15, 2021, by Roll Call No. 21-1711, City Council approved Supplemental Agreement No. 1 to the Agreement for Professional Services with Kirkham Michael & Associates, Inc. for an additional amount not to exceed \$430,000, to provide design and construction services for Hamilton Drain Storm Water Improvements for Construction Staking of Phase 2 and Final Design of Phase 3.
- On February 20, 2023, by Roll Call No. 23-0206, City Council approved Supplemental Agreement No. 2 to the PSA with Kirkham Michael & Associates, Inc. for additional amount not to exceed \$375,000, to provide construction staking for Phase 3 of the Hamilton Drain Storm Water Improvements, final design of Phase 4 of the Hamilton Drain Storm Water Improvements, and FEMA map revisions.
- City staff have negotiated Supplemental Agreement No. 3 to the PSA with Kirkham Michael & Associates, Inc. to provide construction staking and construction engineering services for Phase 4.

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

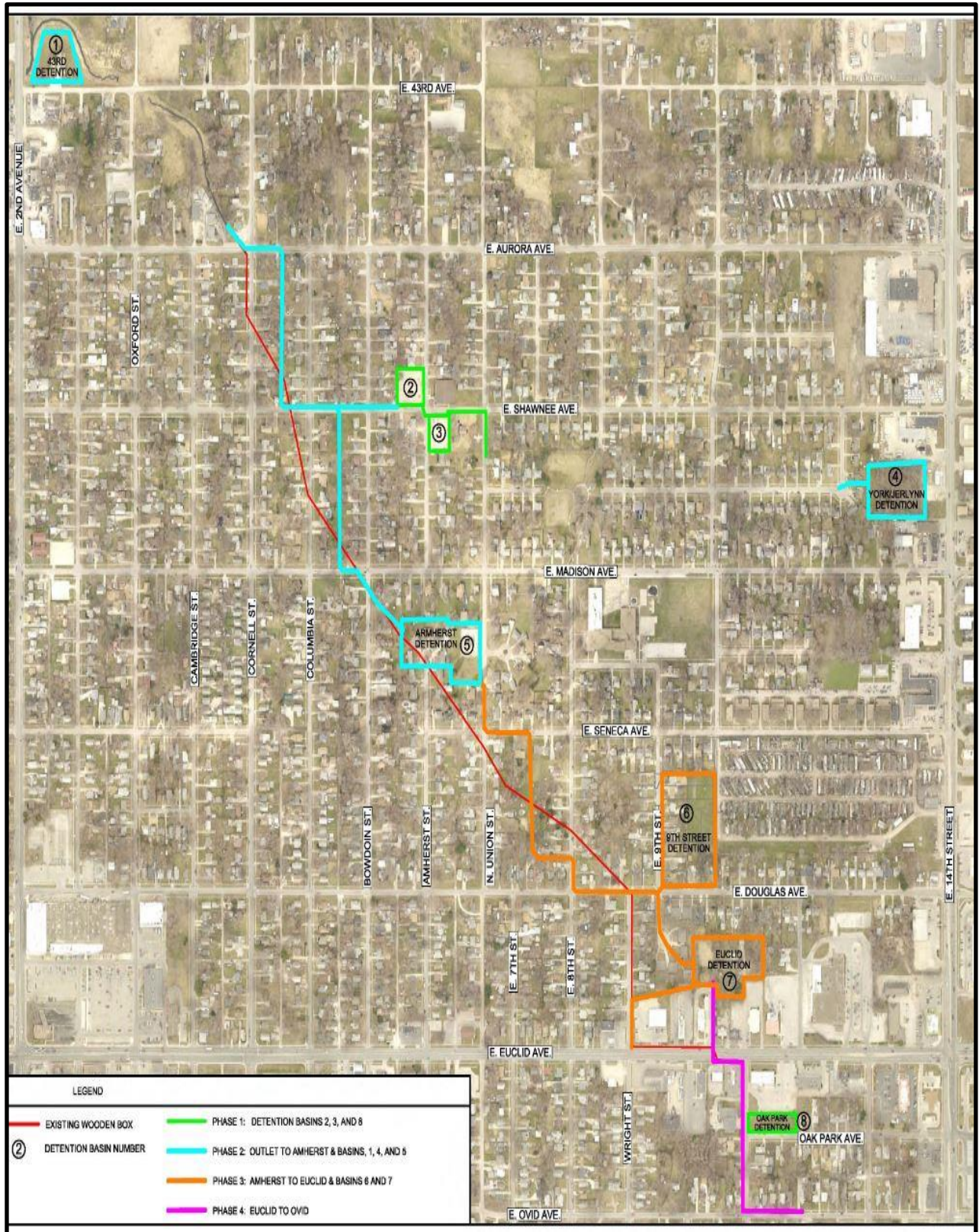





Exhibit: Phase 4 (Final Phase) - Hamilton Drain East System Storm Sewer Project



<p>HAMILTON DRAIN</p> <p>PROJECT OVERVIEW MAP</p> <p>APRIL 2022</p>  		<p>N</p>  <p>NOT TO SCALE</p>	<p>LEGEND</p>	
			<p>— EXISTING WOODEN BOX</p> <p>② DETENTION BASIN NUMBER</p>	<p>— PHASE 1: DETENTION BASINS 2, 3, AND 8</p> <p>— PHASE 2: OUTLET TO AMHERST & BASINS, 1, 4, AND 5</p> <p>— PHASE 3: AMHERST TO EUCLID & BASINS 6 AND 7</p> <p>— PHASE 4: EUCLID TO OVID</p>

PREVIOUS COUNCIL ACTION(S):

Date: January 13, 2025

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

Action: Ordering construction of the following: [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.

Date: February 20, 2023

Roll Call Number: [23-0206](#)

Action: [Approving](#) Supplemental Agreement No. 2 to the PSA with Kirkham Michael & Associates, Inc. for professional services for Hamilton Drain Storm Water Improvements, not to exceed \$375,000. ([Council Communication No. 23-076](#)) Moved by Gatto to adopt. Second by Voss. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

City staff does not anticipate any future Council actions on this PSA at this time; however, unanticipated changes to this PSA will require a Supplemental Agreement, which may require Council action.

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