


COUNCIL COMMUNICATION

	Number: 25-073	Meeting: February 24, 2025
	Agenda Item: 8	Roll Call: 25-0243
	Submitted by: Jonathan A. Gano, P.E., Public Works Director and Steven L. Naber, P.E., City Engineer	

AGENDA HEADING:

Approving the following three (3) Professional Services Agreements (PSA) related to the Des Moines Stormwater Master Plan implementation:

- Approving a PSA with Howard R. Green, Inc. for professional services for the 50th Street and Douglas Avenue Drainage Study and Preliminary Design, not to exceed \$150,000.
- Approving a PSA with HDR, Inc. for professional services for the George Flagg Parkway and Bell Avenue Drainage Study and Preliminary Design, not to exceed \$180,000.
- Approving a PSA with Strand Associates, Inc. for professional services for the Merle Hay Road and Douglas Avenue Drainage Study and Preliminary Design, not to exceed \$182,100.

SYNOPSIS:

Recommend approval of the PSA with Howard R. Green, Inc. (Jason Poppen, Chief Executive Officer, 5525 Merle Hay Road, Suite 200, Johnston, Iowa 50131-1448) for a total cost not to exceed \$150,000, based on hourly rates and reimbursable costs, to provide project/contract management; project coordination; hydrologic and hydraulic modeling; and design phase services for 50th Street and Douglas Avenue Drainage Study.

Recommend approval of the PSA with HDR, Inc. (Ann Williams, Principal-in-Charge, 917 S. 67th Street, Omaha, Nebraska 68106) for a total cost not to exceed \$180,000, based on hourly rates and reimbursable costs, to provide project/contract management; project coordination; hydrologic and hydraulic modeling; and design phase services for George Flagg Parkway and Bell Avenue Drainage Study.

Recommend approval of the PSA with Strand Associates, Inc. (Matthew S. Richards, President, 910 W. Wingra Drive, Madison, Wisconsin 53715) for a total cost not to exceed \$182,100, based on hourly rates and reimbursable costs, to provide project/contract management; project coordination; hydrologic and hydraulic modeling; and design phase services for Merle Hay Road and Douglas Avenue Drainage Study.

FISCAL IMPACT:

Amount: \$150,000 for 50th Street and Douglas Avenue – Site A
\$180,000 for George Flagg Parkway and Bell Avenue – Site B
\$182,100 for Merle Hay Road and Douglas Avenue – Site C

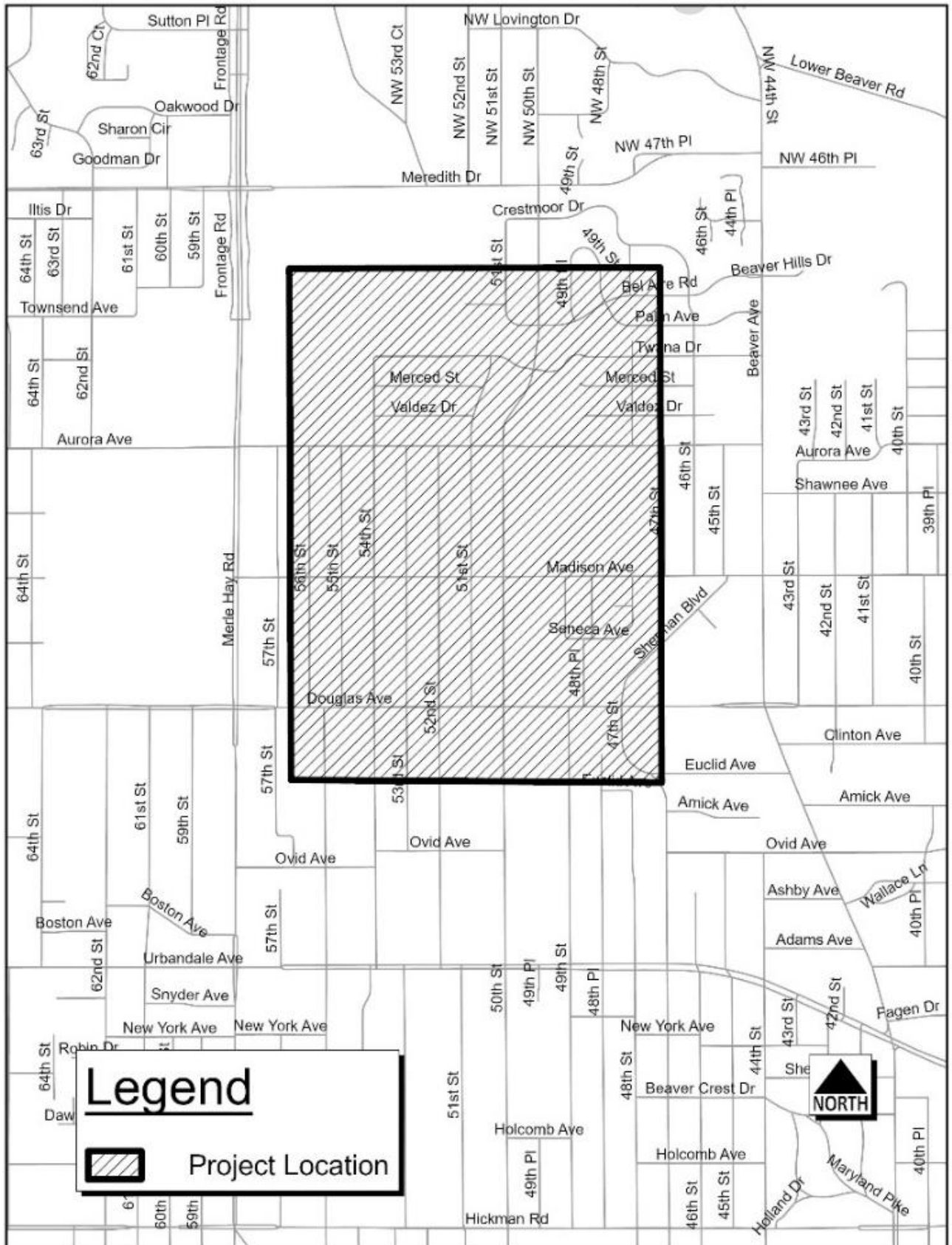
Funding Source: Fiscal Year (FY) 2024-2025 Capital Improvement Program (CIP), Page 96, Citywide Stormwater Master Plan Program, SM138, Storm Water Utility Fund

ADDITIONAL INFORMATION:

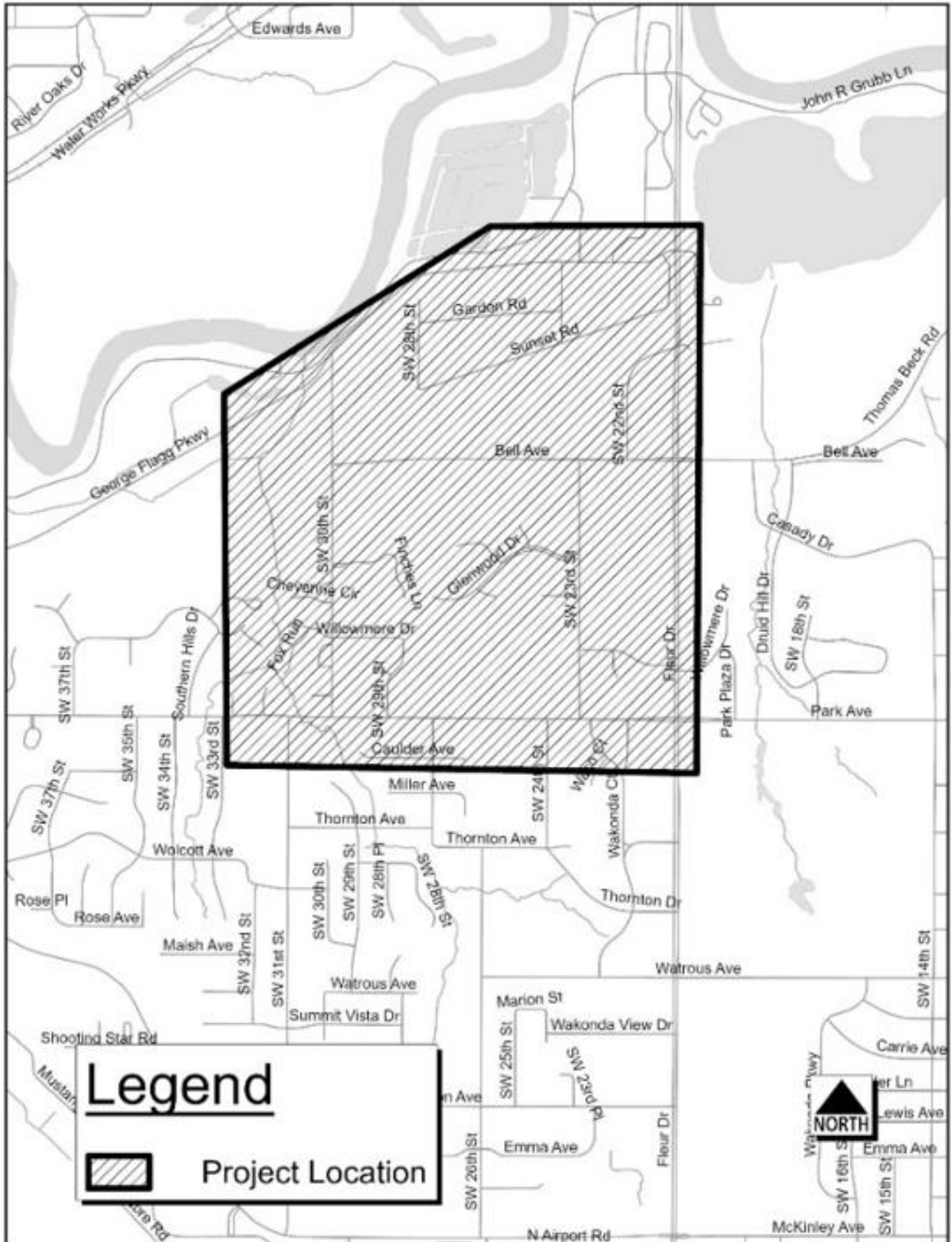
- In 2020, the City approved moving forward with a Citywide Stormwater Master Plan to determine possible implementation strategies and prioritization for infrastructure planning.
- The City intends to implement stormwater improvements throughout multiple watersheds within the community, predominantly to alleviate flooding, using the recently completed Stormwater Master Plan as guidance for future project development and prioritization.
- The Stormwater Master Plan identified a prioritized list of watershed/project areas to be considered for stormwater improvements. To further develop engineered solutions and potential costs of implementation, detailed hydrologic and hydraulic models need to be developed to examine alternative solutions. Once a preferred alternative is determined, a preliminary design of the alternative will be developed.
- A portion of the project sites already have some of the initial modeling and preliminary design work completed. Other project sites will have modeling and design completed by internal Engineer staff. Three (3) project sites within the prioritized list were selected to have outside consultants provide concept and preliminary design services, as noted below:
 - Site A – 50th Street and Douglas Avenue. This project study area begins near Moore Elementary School at the upstream end and travels north to immediately downstream of Twana Drive.
 - Site B – George Flagg Parkway and Bell Avenue project area. This project study area begins near Brody Middle School at the upstream end and travels north to immediately downstream of George Flagg Parkway to the Raccoon River.
 - Site C – Merle Hay Road and Douglas Avenue project area. This project study area begins approximately near Madison Avenue and 900 feet south of the intersection of Merle Hay Road and Douglas Avenue at the upstream end and travels west to the outlet located southwest of Douglas Avenue and 62nd Street.
- A Request for Proposals (RFP) for stormwater modeling and preliminary design services was issued and posted on the City's website. Fourteen (14) proposals were received in response to the RFP. The selection committee was comprised of representatives from the Engineering and Public Works Departments. Howard R. Green, Inc. (Site A), HDR, Inc. (Site B), and Strand Associates, Inc. (Site C) were selected based on their project team's qualifications, demonstrated knowledge of the project issues, and experience with similar projects.
- The Consultants will be tasked with developing alternatives to alleviate flooding and provide a preliminary design for a preferred alternative for construction of stormwater improvements that could include capacity and detention solutions.

- These PSAs will provide for preliminary design of stormwater improvements and include:
 - Project/Contract Management
 - Project Coordination
 - Survey, Data Collection, Subsurface Utility Review
 - Hydrologic and Hydraulic Modeling
 - Design Phase Services (Preliminary Engineering/30% Plans)
- Staff have negotiated PSAs with:
 - Howard R. Green, Inc. (Site A) for a total cost not to exceed \$150,000, based on hourly rates and reimbursable costs, to provide project/contract management; project coordination; data collection and subsurface utility review; hydrologic and hydraulic modeling; and design phase services for the 50th Street and Douglas Avenue Drainage Study.
 - HDR, Inc. (Site B) for a total cost not to exceed \$180,000, based on hourly rates and reimbursable costs, to provide project/contract management; project coordination; data collection and subsurface utility review; hydrologic and hydraulic modeling; and design phase services for the George Flagg Parkway and Bell Avenue Drainage Study.
 - Strand Associates, Inc. (Site C) for a total cost not to exceed \$182,100, based on hourly rates and reimbursable costs, to provide project/contract management; project coordination; survey and data collection; hydrologic and hydraulic modeling; and design phase services for the Merle Hay Road and Douglas Avenue Drainage Study.
- Preliminary design for the three (3) projects is anticipated to be completed in late 2025.

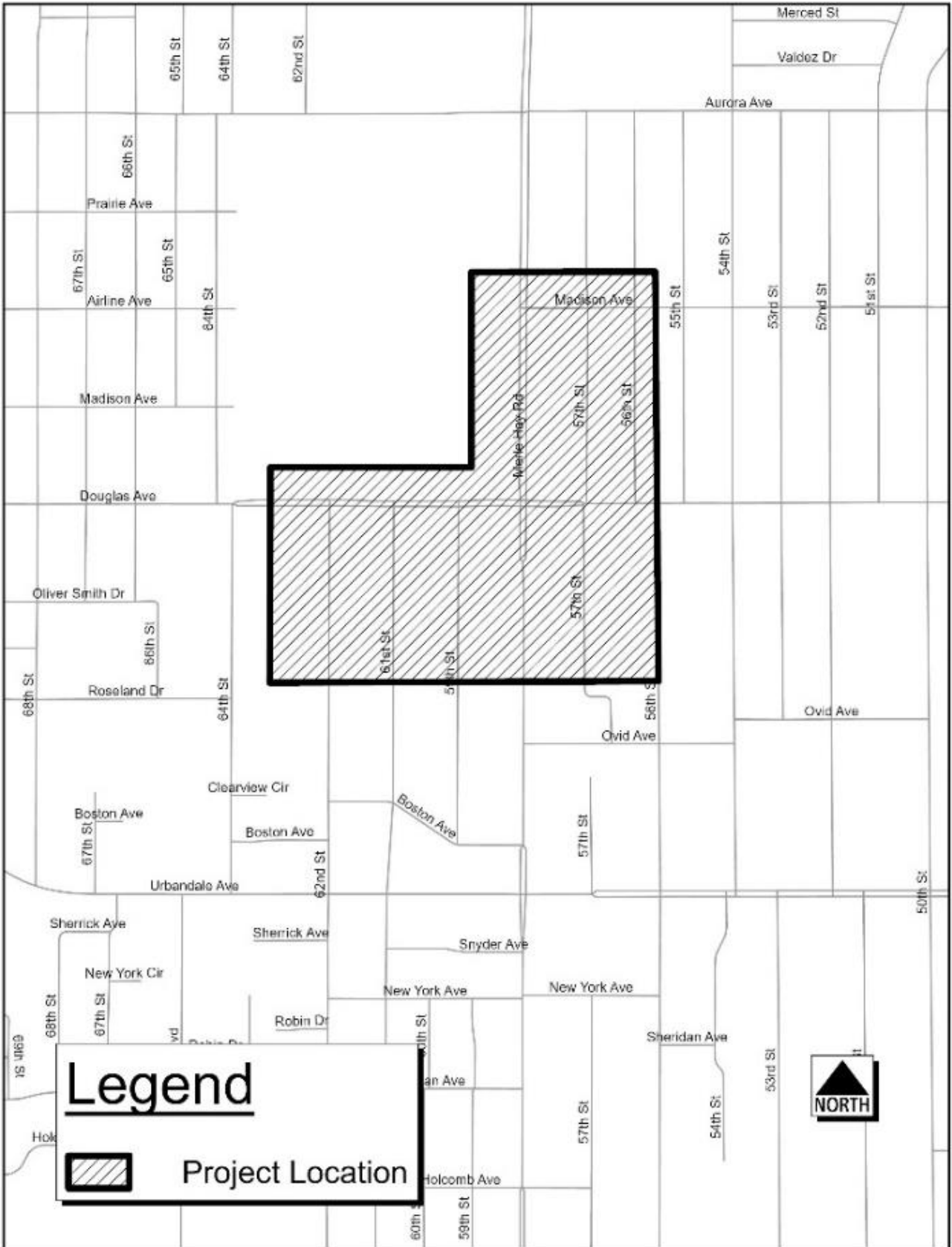
SITE A



SITE B



SITE C



PREVIOUS COUNCIL ACTION(S):

Date: July 13, 2020

Roll Call Number: [20-1088](#)

Action: [Approving](#) PSA with CDM Smith, Inc. for Phase 1 of the City-Wide Stormwater Master Plan Study, not to exceed \$597,122. ([Council Communication No. 20-302](#)) Moved by Gray to adopt. Motion Carried 6-1. Absent: Boesen.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

City staff do 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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