


COUNCIL COMMUNICATION

	Number:	26-140	Meeting:	April 20, 2026
	Agenda Item:	7	Roll Call:	26-0485
	Submitted by:	Steven L. Naber, P.E., City Engineer		

AGENDA HEADING:

Approving a Professional Services Agreement (PSA) with HDR Engineering, Inc. for professional services for the Guthrie Avenue Traffic Signal Improvements, not to exceed \$141,410.

SYNOPSIS:

Recommend approval of the Professional Services Agreement with HDR Engineering, Inc., 1917 67th Street, Omaha, NE 68106; (Neil A. Graff, President) for a total cost not to exceed \$141,410, based on hourly billing rates, to provide traffic signal, fiber interconnect, and sidewalk ramp design and construction phase services at the intersections of Guthrie Avenue with East 14th St, Dixon St, Delaware Ave, I-235 WB Ramps, I-235 EB Ramps, and Hubbell Avenue for the Guthrie Avenue Traffic Signal Improvements.

FISCAL IMPACT:

Amount: \$141,410

Funding Source: 2026-2027 CIP, Page 169, Traffic Signal Replacement, TR091, General Obligation Bonds.

ADDITIONAL INFORMATION:

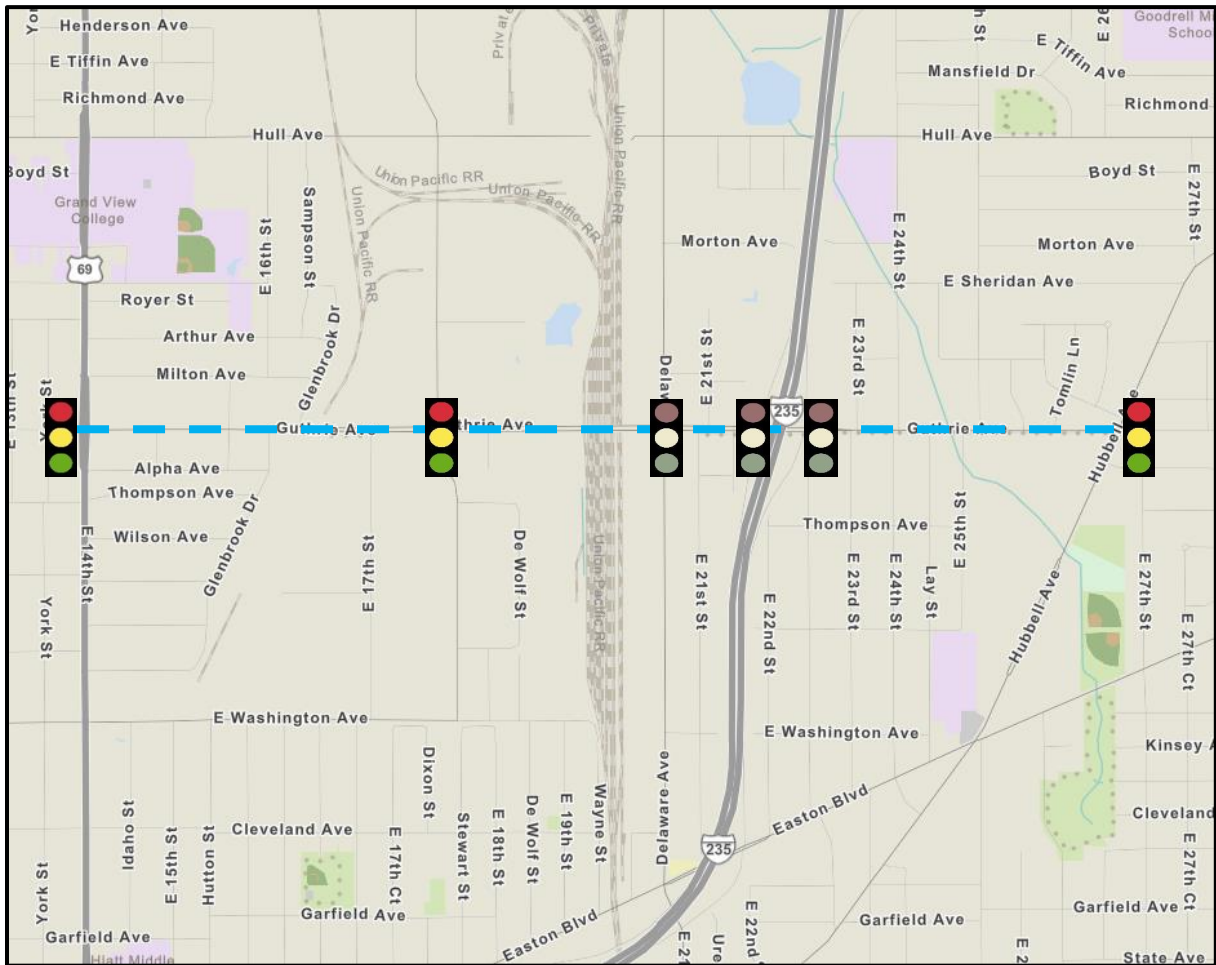
- The traffic signal at the intersection of Guthrie Avenue and East 14th Street sustained a mast arm pole failure in 2025 and a temporary span wire is in place to maintain the signal operations. Along with the Guthrie Avenue and East 14th Street intersection, the traffic signals at the intersections of Guthrie Avenue with Dixon Street and Guthrie Avenue with Hubbell Avenue have far exceeded their recommended useful life. The Guthrie Avenue corridor, from East 14th Street to Hubbell Avenue, is the only corridor with traffic signals that have not yet been connected to the traffic signal management system via fiber.
- The Guthrie Avenue Traffic Signal Improvements project includes the design of three (3) full traffic signal replacements on Guthrie Avenue at the intersections of East 14th Street, Dixon Street, and Hubbell Avenue. The project also includes fiber interconnect along Guthrie Avenue from East 14th Street to Hubbell Avenue with fiber connections to the following six (6) signalized intersections: East 14th Street, Dixon Street, Delaware Avenue, I-235 West Bound Ramp Terminal, I-235 East Bound Ramp Terminal, and Hubbell Avenue. The fiber interconnection will be connected to the City of Des Moines Traffic & Transportation fiber

network at East 14th Street and Hubbell Avenue. The six (6) signalized intersections will be integrated into the City of Des Moines' traffic signal management system.




- As part of the Agreement, the following services will be provided by the consultant:
 - Project Management and Coordination
 - Traffic Signal and Fiber Interconnect Design
 - Sidewalk Ramp and Median Design
 - Bid Document Development
 - Bid Letting Assistance
 - Limited Construction Phase Services

- A Request for Proposals (RFP) for professional services for the Guthrie Avenue Traffic Signal Improvements was issued and posted on the City's website. A selection committee of Engineering Department staff reviewed and rated the seven (7) proposals received in response to the RFP. HDR Engineering, Inc. was selected based on the selection criteria in the RFP and their in-depth project understanding and approach along with their related project experience.

- City staff have negotiated a Professional Services Agreement with HDR Engineering Inc. for a total cost not to exceed \$141,410 based on hourly billing rates to provide engineering design and construction services for the Guthrie Avenue Traffic Signal Improvements.



LEGEND

-  Traffic Signal Reconstruction
-  Existing Traffic Signal to be connected to fiber
-  Fiber Optic Interconnection

PREVIOUS COUNCIL ACTION(S): NONE

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS: NONE

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