

ITEM #:	<u>24</u>
DATE:	<u>04-28-26</u>
DEPT:	<u>ELEC</u>

COUNCIL ACTION FORM

SUBJECT: 69KV TRANSMISSION LINE RECONSTRUCTION FROM TOP O HOLLOW SUBSTATION TO AMES PLANT SUBSTATION

BACKGROUND:

Electric Services is undergoing a multi-year process to reconstruct portions of its aging 69kV transmission system. This portion of the project will replace approximately two miles of transmission line. This is the second of four reconstruction phases. The first phase, reconstructing lines between Mortensen Road and Vet Med substations, has been completed in the current fiscal year; this second phase will be completed in FY 2026/27.

On January 23, 2024, City Council awarded a contract to DGR Engineering of Rock Rapids, Iowa to design this project. DGR will also provide ongoing construction management support. Funding for this project will come from the Capital Improvement Project budget for 69kV Transmission Reconstruction, which includes \$4,700,000 for FY 2026/27.

The engineer's estimate for this second phase of reconstruction is \$3,700,000. The attached map indicates the location of the first two reconstruction phases of the project.

ALTERNATIVES:

1. Approve preliminary plans and specifications for the 69kV Transmission Line Reconstruction from Top O Hollow substation to Ames Plant substation project, set May 27, 2026, as the bid due date, and set June 9, 2026, as date of Public Hearing and award of contract.
2. Do not proceed with the project at this time.

CITY MANAGER'S RECOMMENDED ACTION:

The 69kV transmission system located around the City is crucial to maintaining a reliable electric grid for the City's Electric Service customers. Staff has completed the first of four phases (Mortensen to Vet Med) to reconstruct the aging 69kV transmission system and would like to proceed with phase two (Top O Hollow to Ames Plant) to ensure the entire 69kV system is replaced within a timely manner and remains reliable. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as stated above.

ATTACHMENT(S):

[Map for CAF 69kv Reconstruction.jpeg](#)