

**COUNCIL ACTION FORM**

**SUBJECT: ELECTRIC SERVICES TRANSMISSION MODIFICIATIONS AT SE 16<sup>TH</sup> STREET AND SOUTH DUFF AVENUE INTERSECTION**

**BACKGROUND:**

This Council action is for the approval of plans and specifications for the construction and relocation of approximately 2300 feet of 69 kilovolt (kV) overhead transmission and 13.8 kV overhead distribution line modifications located along Southeast 16<sup>th</sup> Street in the vicinity of South Duff Avenue. This work is to accommodate planned intersection improvements to this section of roadway in 2022. The intersection improvements involve pavement reconstruction, addition of turn lanes, new traffic signals, and sidewalk installation.

Presently, Ames Electric has a major 69 kV transmission line and distribution facilities in the area that prevent the road improvements to move forward. Electric's consulting engineer has provided a redesign of the electric facilities, moving them outside of the expanded roadway.

The engineer's estimate for the electric transmission modifications is \$590,000. Funding will come from the Street Light/Electric Line Capital Improvement Project, which includes \$1,064,468 in funding, including carryover funds.

**ALTERNATIVES:**

1. Approve preliminary plans and specifications for the Transmission Modifications for Electric Services at the intersection of Southeast 16<sup>th</sup> Street and South Duff Avenue, set September 15, 2021 as the due date for bids, and establish September 28, 2021 as the date of public hearing and award of contract.
2. Delay the Electric Service Transmission Modifications project at the intersection of Southeast 16<sup>th</sup> Street and South Duff Avenue.

**CITY MANAGER'S RECOMMENDED ACTION:**

This work is necessary to relocate the existing transmission and distribution lines to make way for road improvements in the South 16<sup>th</sup> Street and South Duff Avenue intersection. These lines are a critical part of the electric system infrastructure and are needed to maintain electric service to customers in Ames.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative #1 as stated above.