

ITEM #: 18  
 DATE: 04-25-23  
 DEPT: PW

**COUNCIL ACTION FORM**

**SUBJECT: 2023/24 TRAFFIC SIGNAL PROGRAM (S. DUFF AVE & CHESTNUT STREET)**

**BACKGROUND:**

The annual Traffic Signal Program provides for replacing older traffic signals and for constructing new traffic signals. This will result in improved visibility, reliability, and appearance of signals. This program also provides for maintenance needs as well as traffic signal system upgrades as technology advances. **This project includes the traffic signal replacement at the intersection of S. Duff Avenue and Chestnut Street.** The construction of this project has been coordinated to coincide with the DOT’s resurfacing project of Highway 69 in 2024. The resurfacing project will also replace the pedestrian ramps at this intersection.

WHKS of Ames, Iowa, developed plans and specifications with an estimated budget as shown below:

Revenues		Expenses	
CIP Road Use Tax (RUT)	\$ 456,000	Administration	\$ 25,000
RUT Savings*	52,000	Design	23,100
		Construction (est)	208,257
		Signal Cabinet (est)	50,000
		Signal Poles (est)	75,000
<b>Total</b>	<b>\$ 508,000</b>	<b>Total</b>	<b>\$ 381,357</b>

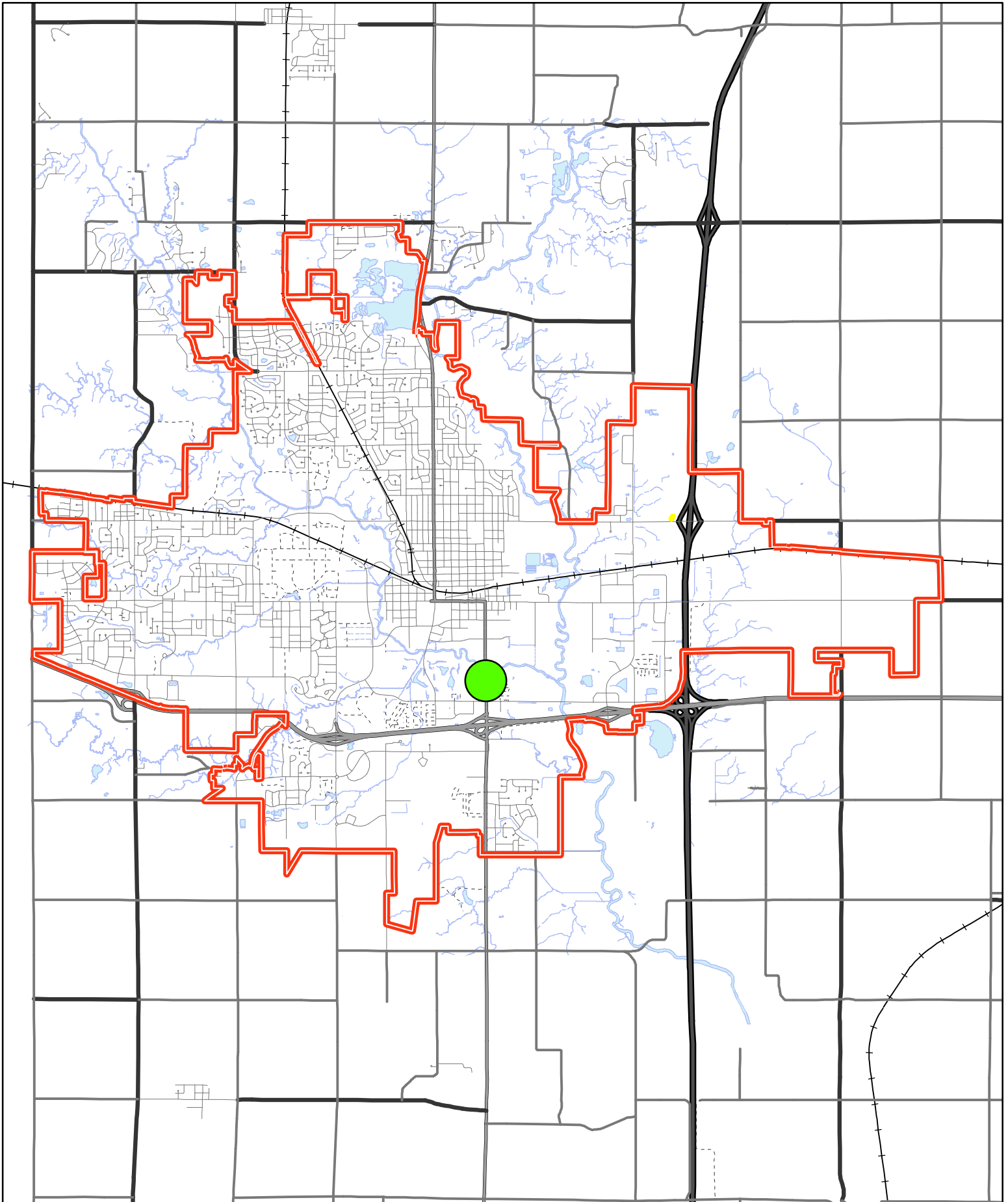
\* Savings from the 2022/23 Traffic System Capacity Improvements (North Growth Intersection Studies)

**ALTERNATIVES:**

1. Approve the plans and specifications for the 2023/24 Traffic Signal Program (S. Duff Ave & Chestnut Street) project and establish May 17, 2023, as the date of letting with May 23, 2023, as the date for report of bids.
2. Do not approve this project.

**CITY MANAGER’S RECOMMENDED ACTION:**

By approving these plans and specifications, it will be possible to improve an aging traffic signal for residents using this intersection. **Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as noted above.**



2023/24 Traffic Signal Program  
S. Duff Avenue & Chestnut Street

 Project Location



1 inch = 6,612 feet

Date: 4/18/2023

