

COUNCIL ACTION FORM

SUBJECT: **2021/22 WATER SYSTEM IMPROVEMENTS PROGRAM
(US HIGHWAY 69: S DUFF AVENUE, GRAND AVENUE)**

BACKGROUND:

The Water System Improvements program provides for replacing water mains in areas that are experiencing rusty water problems. It also provides for installing larger distribution mains in areas that have a high concentration of 4" supply lines, transferring water services from 4" water mains in streets where larger water mains exist, and abandoning 4" water mains.

Eliminating duplicate water mains, where possible, improves water flow and helps reduce rusty water. Installing larger distribution lines in areas that have a high concentration of 4" supply lines and less than desirable fire-fighting capacity (predominantly in the older areas of the community) provides larger supply quantities in relation to the current and proposed land uses.

The locations for this project include **US Highway 69: S Duff Avenue (SE 5th- Lincoln Way) and Grand Ave (6th St. – Murray Dr).** Project locations have been coordinated with Iowa Department of Transportation's (IDOT) upcoming 2024 roadway improvement project to minimize impacts to neighborhoods and commercial areas.

Staff has completed plans and specifications for this contract. Revenue and expenses associated with this program are estimated as follows:

| | Available Revenue | Estimated Expenses |
|--|------------------------------|-------------------------------|
| 2021/22 Water System Improvements Program | \$ 1,600,000 | |
| Water System Improvements Carryover Funds | 1,153,100 | |
| Construction (this project) | | \$ 2,001,096 |
| Engineering/Administration (overall total) | | 300,000 |
| | <u>\$ 2,753,100</u> | <u>\$ 2,301,096</u> |

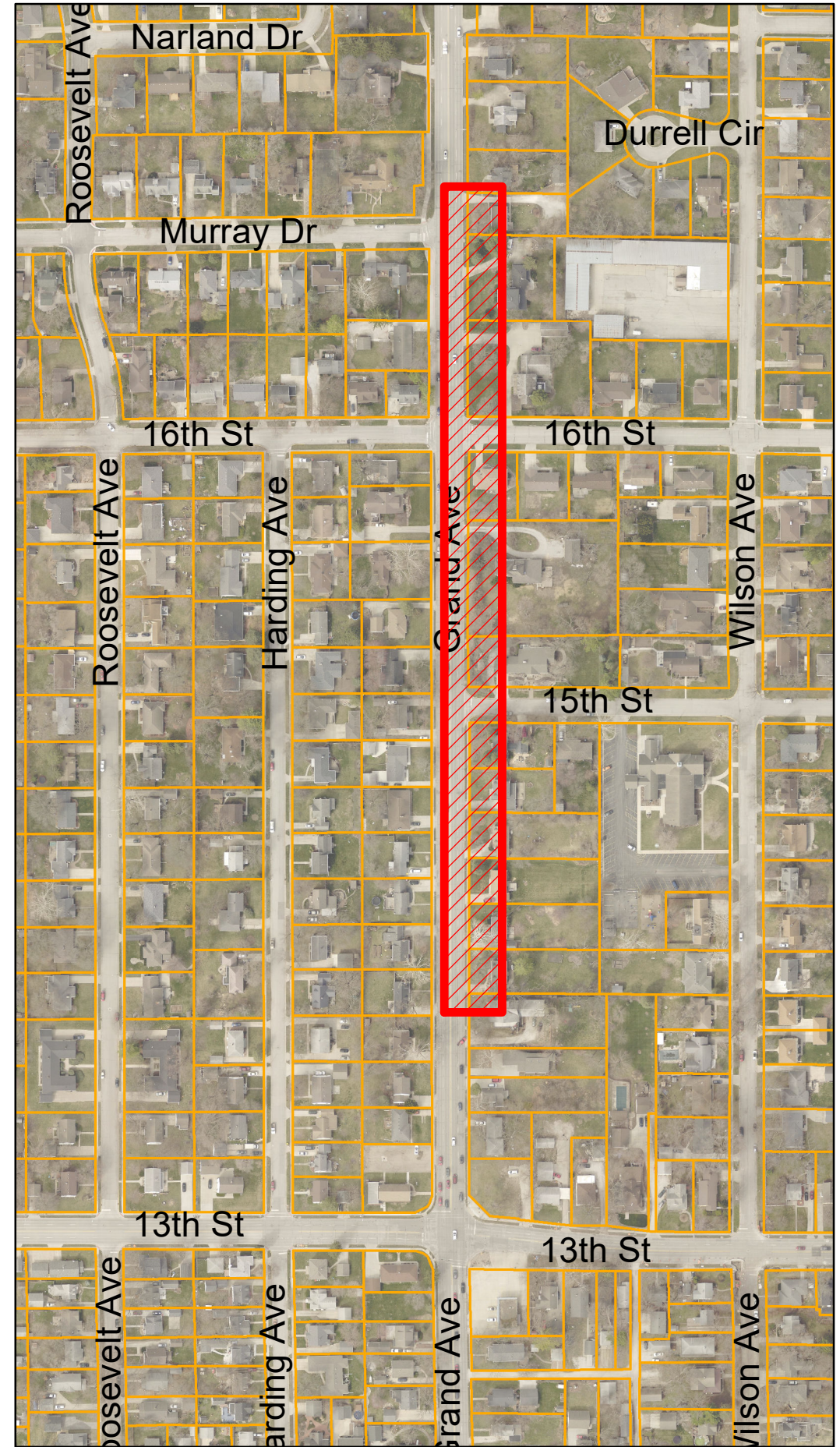
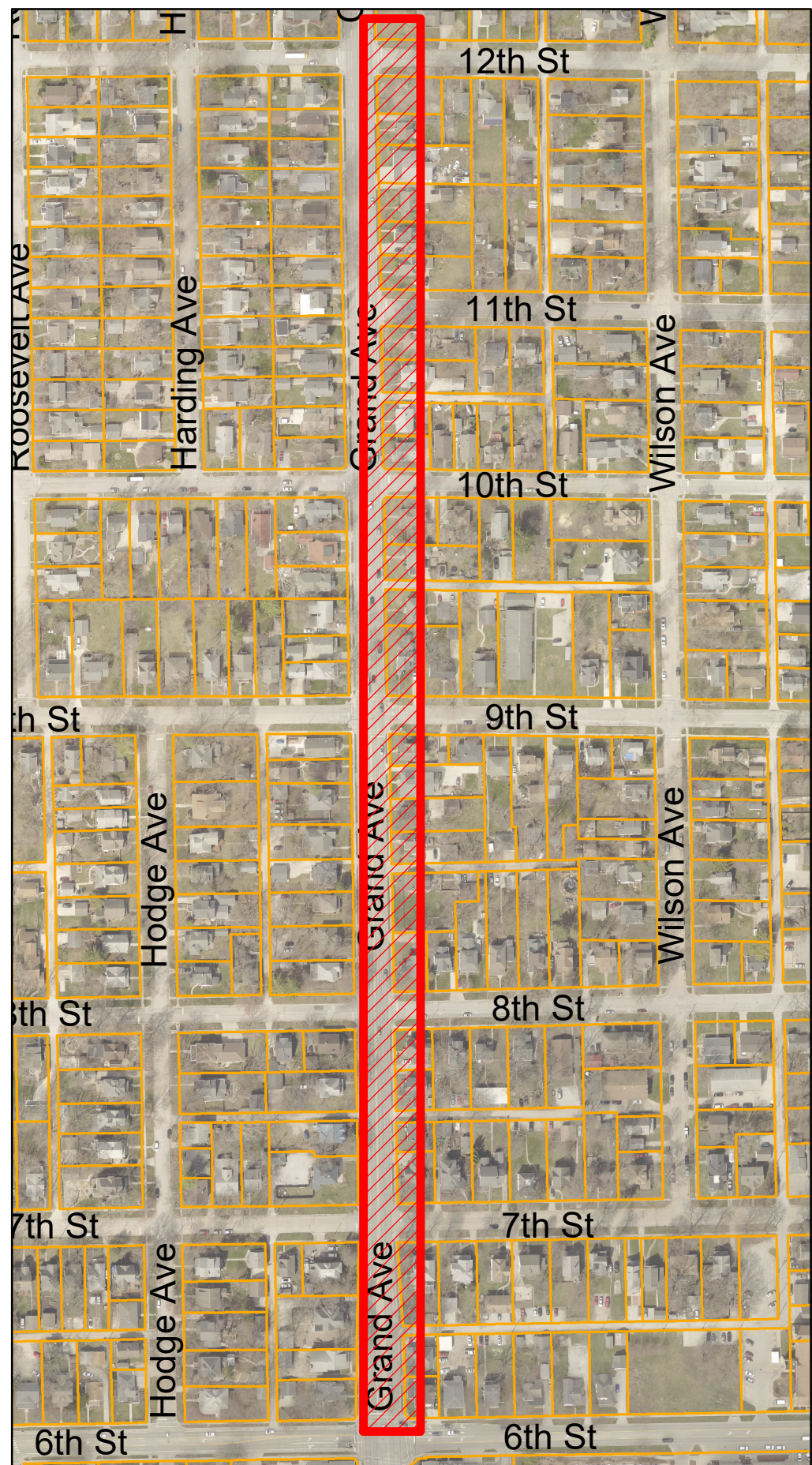
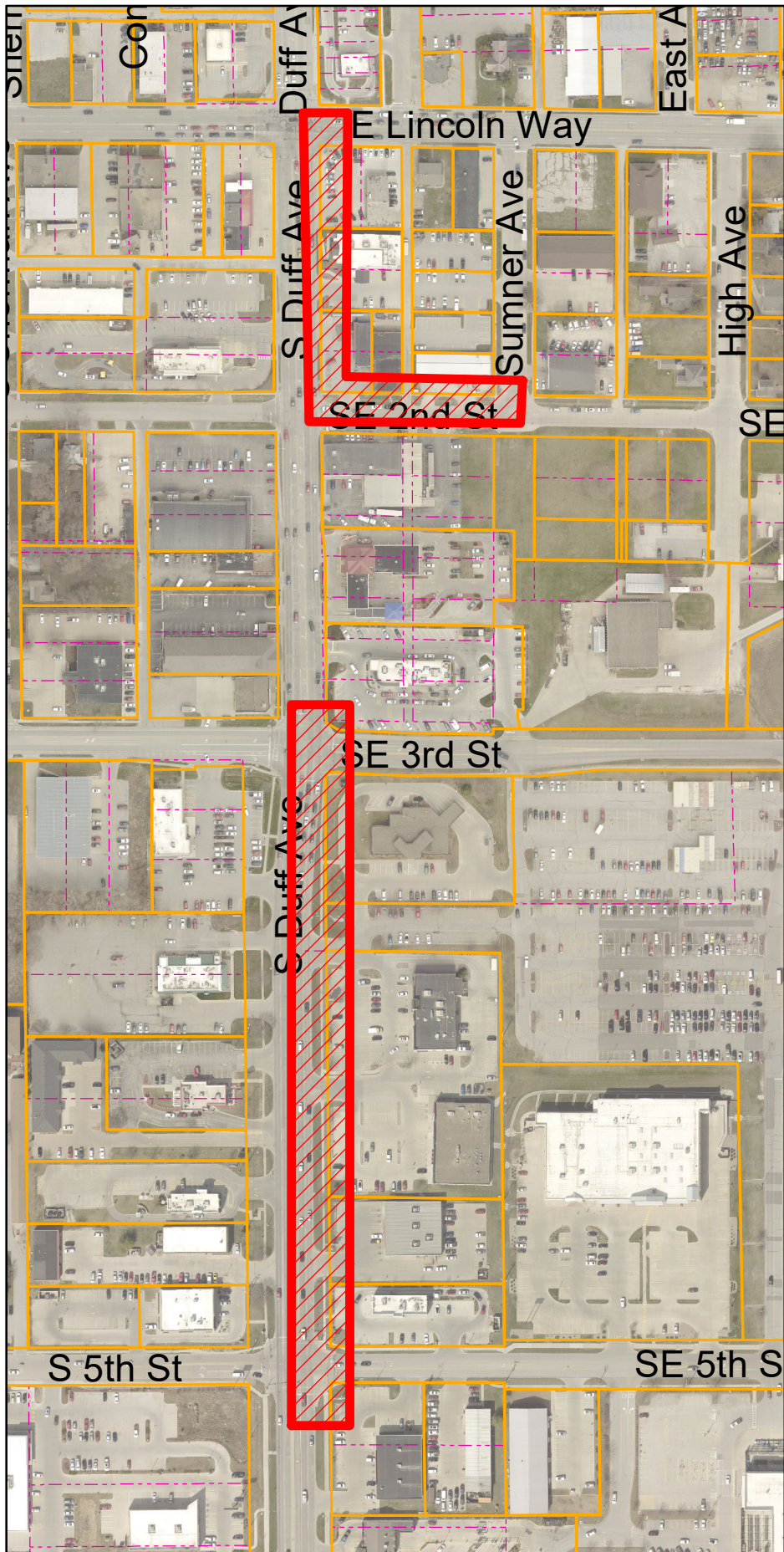
ALTERNATIVES:

1. Approve plans and specifications for the 2021/22 Water System Improvements Program US Highway 69 (S Duff Avenue, Grand Avenue) and establish September 21, 2022, as the date of letting and September 27, 2022, as the date for report of bids.
2. Direct staff to revise the project.

CITY MANAGER'S RECOMMENDED ACTION:

By improving the water systems in these sections of South Duff Avenue and Grand Avenue, residents and businesses will see improved water quality and firefighting capacity.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as described above.



2021-22 WATER SYSTEM IMPROVEMENTS LOCATION MAP

