

ITEM#: 20
DATE: 03-23-21

COUNCIL ACTION FORM

SUBJECT: 2020/21 CONCRETE PAVEMENT IMPROVEMENTS PROGRAM (8TH STREET)

BACKGROUND:

This is an annual program to rehabilitate or reconstruct concrete street sections that have deteriorated in order to prevent premature breakdown of the pavement. This work will provide enhanced rideability to residents and visitors. **This project is in the area of 8th Street (Northwestern Avenue to Duff Avenue). As design nears completion, direction from City Council is required regarding the sidewalk infill to be completed as part of the street improvements.**

The City Council has adopted a Complete Streets Plan and policy. According to this policy, in the project evaluation stage it is noted that, **“If all the specified street elements and modal facilities cannot be incorporated into the street design, the designer and project team should seek solutions that at least partially achieve the goals of the project. One example of this approach is adding a sidewalk to only one side of the street where right-of-way is constrained.”**

During design phase, the plans were prepared following the Complete Street Plan. All the streets in this project have existing sidewalks on both sides of the street, except 8th Street from Wilson Ave to Clark Ave.

Through staff’s technical engineering analysis, it is recommended that infill of sidewalk not be implemented along the south side of 8th Street from Wilson Ave to Clark Ave. There were several concerns with the design that lead staff not to recommend implementation of the infill of sidewalk on this block, including removal of up to 5 mature trees and relocation of existing electric overhead poles/lines. **Also, there is existing sidewalk on the north side thereby providing connectivity through the neighborhood.**

Staff sent letters to all residents/businesses and met with few residents/businesses to obtain input on staging, infill of sidewalk, construction timing, and special access needs. All comments were received and incorporated into the project design.

City of Ames staff has completed preliminary plans and specifications for this project with a base bid and then alternatives for the type of pavement used on the reconstruction of 8th Street project. **Alternative A will be for using concrete and Alternative B is for using asphalt.** A table of total estimated costs for each Alternative is shown below:

	<u>Base + Alt A (Concrete)</u>	<u>Base + Alt B (Asphalt)</u>
Base Bid	\$ 1,126,725.85	\$ 1,126,725.85
Paving Alternative	\$ 673,939.50	\$ 556,322.40
Construction Subtotal	\$ 1,800,665.35	\$ 1,683,048.25
Engineering	<u>\$ 271,000.00</u>	<u>\$ 253,000.00</u>
Total Project Costs	\$ 2,071,665.35	\$ 1,936,048.25

Revenue and expenses associated with this program are estimated as follows:

	Available Revenue	Estimated Expenses
G.O. Bonds	\$ 2,300,000	
Road Use Tax	\$ 100,000	
Construction (Low Bid: Base + Alt A)		\$1,800,665.35
Engineering/Administration		\$ 271,000.00
	<hr/> \$ 2,400,000	<hr/> \$2,071,665.35

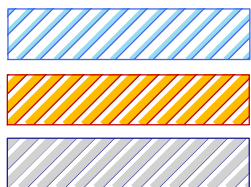
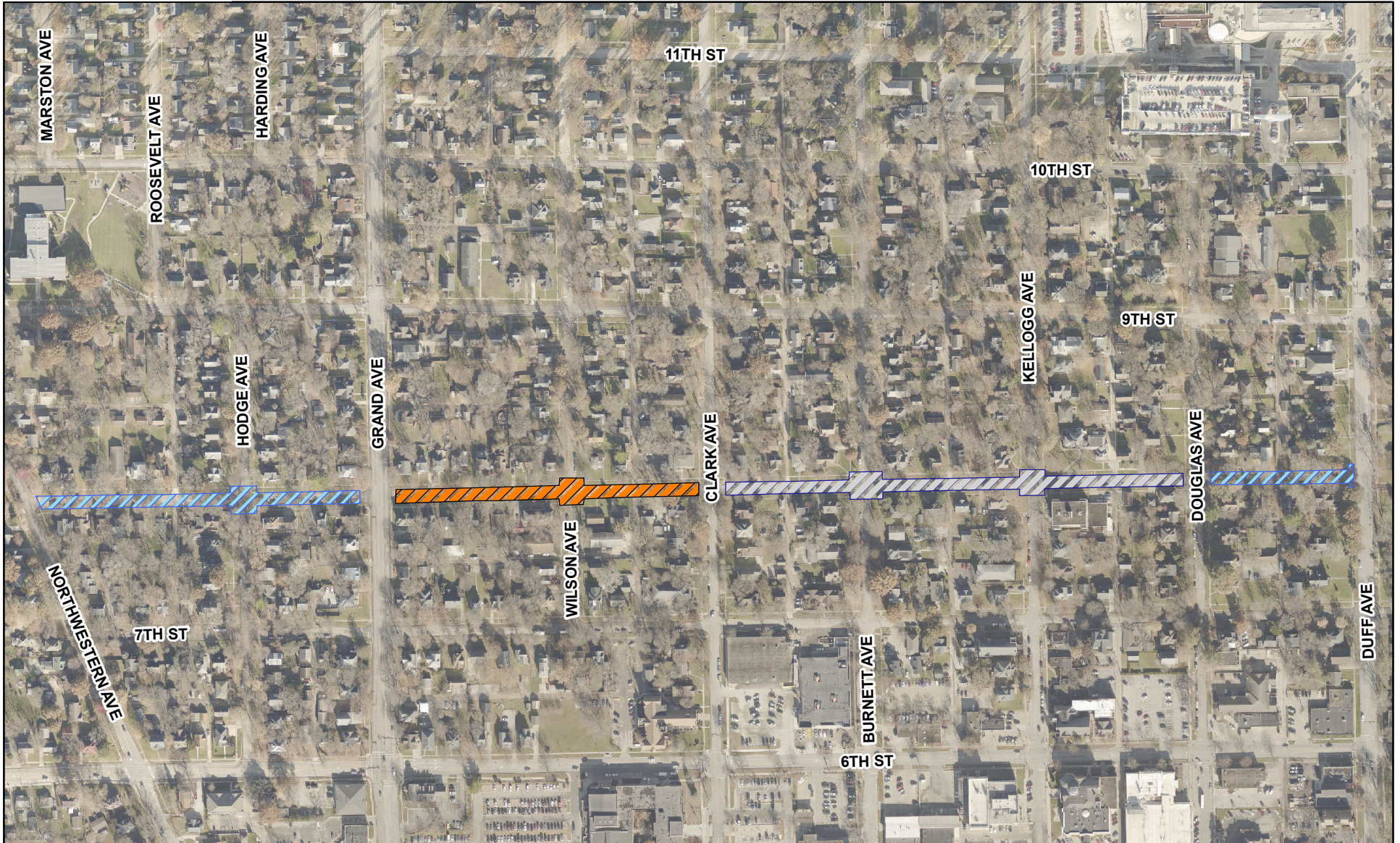
ALTERNATIVES:

1. Approve the preliminary plans and specifications for the 2020/21 Concrete Pavement Improvement Program (8th Street from Northwestern to Duff) without the additional sidewalk infill on the south of 8th Street from Wilson Avenue to Clark Avenue and establish April 7, 2021, as the date of letting and April 13, 2021, as the date for report of bids.
2. Approve the preliminary plans and specifications for the 2020/21 Concrete Pavement Improvement Program (8th Street from Northwestern to Duff) with the additional sidewalk infill on the south of 8th Street from Wilson Avenue to Clark Avenue and establish April 7, 2021, as the date of letting and April 13, 2021, as the date for report of bids.

MANAGER'S RECOMMENDED ACTION:

Even without sidewalk infill on the south side of 8th Street, sidewalk connectivity will still be provided throughout the project area. Because of the need to remove a number of mature trees in the neighborhood and to relocate overhead electric lines, staff believes that the proposed sidewalk infill plan is consistent with the City's Complete Streets policy, as noted above.

Approving these plans and specification will lower street maintenance costs, improve area drainage, and provide a better neighborhood aesthetic. **Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as noted above.**



Phase 1

Phase 2

Phase 3

8th Street - (Northwestern Ave to Duff Ave)





No Sidewalk Infill



Existing Sidewalk

8th St - (Wilson Ave to Clark Ave)

N



