

ITEM#: 16
DATE: 02-25-20

COUNCIL ACTION FORM

**SUBJECT: 2019/20 COLLECTOR STREET PAVEMENT IMPROVEMENTS
(BLOOMINGTON ROAD – GRAND AVENUE TO HOOVER AVENUE)**

BACKGROUND:

This is the annual program for reconstruction or rehabilitation of collector streets. Locations are chosen in accordance with the most current street condition inventory. **This project (Bloomington Road from Grand Ave. to Hoover Ave.) will include pavement rehabilitation improvements, repair/replacement of select curb and gutter locations, and some shared use path infill.**

During the design phase, plans were prepared considering the Complete Streets Plan. When design was completed, the impact of the Complete Streets Plan implementation (infill of shared path along the north side of the street) exceeded the 22% cost increase threshold recommended in the Plan. This is largely due to the scope being a lower-cost pavement rehabilitation project. **Therefore, the plans for this project do include a sidewalk on the north side of Bloomington.**

Public Works Engineering and Traffic staff analyzed infill options and will implement a shared use path along the north side of Bloomington Ave from Grand Ave to Roy Key Ave for this project. This will better allow pedestrian traffic between the bus stop locations. By installing a wider shared use path rather than a sidewalk, Parks and Recreation will be able to use their truck to clear snow from this path. Staff held a public meeting to obtain input on staging, construction timing, and special access needs. Comments were received and incorporated into the project design.

City of Ames staff has completed plans and specifications for this project with a total base bid (asphalt mill and overlay) and alternatives for full depth concrete or concrete overlay at the intersections at Grand Ave. and Hoover Ave. where more pavement settlement has been identified due to rutting conditions. Alternative B will be 100 feet of 5-inch concrete overlay at intersection locations. Alternative A will be 100 feet of full-depth concrete at the intersection locations. One of the alternatives will be selected along with the base. A table of total estimated costs for each Alternative is shown below:

	<u>Base + Alt A (PCC Full depth)</u>	<u>Base + Alt B (PCC Overlay)</u>
Base Bid	\$ 380,738	\$ 380,738
Paving Alternative	<u>\$ 98,334</u>	<u>\$ 39,730</u>
Construction Total	\$ 479,072	\$ 420,468
Engineering	<u>\$ 55,761</u>	<u>\$ 55,761</u>
Total Project Costs	\$ 534,833	\$ 476,229

The Collector Street Pavement Improvements are shown in the 2019/20 Capital Improvement Plan with **\$500,000 in G.O. bond funding.**

ALTERNATIVES:

1. Approve the plans and specifications for the 2019/20 Collector Street Pavement Improvements – Bloomington Road (Grand Avenue to Hoover Avenue) project and establish March 18, 2020, as the date of letting and March 24, 2020, as the date for report of bids.
2. Direct staff to revise the project.

MANAGER'S RECOMMENDED ACTION:

By approving these plans and specification, it should result in lower street maintenance costs and improved neighborhood aesthetic.

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



2019/2020 Collector Street Pavement Improvements Bloomington Road (Grand - Hoover)



Phase I



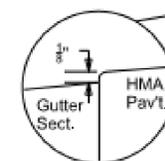
Phase II



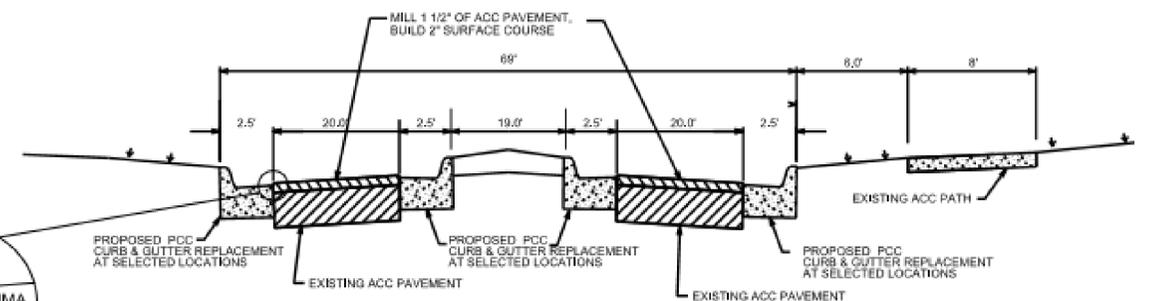
Shared Use path



1 inch = 85 feet



TYPICAL ALL GUTTER SECTIONS



PROPOSED TYPICAL SECTION
BLOOMINGTON RD.
STA. 1+52.7 - 24+56.7