

COUNCIL ACTION FORM

SUBJECT: 2017/18 S. DUFF AVENUE IMPROVEMENTS

BACKGROUND:

This project involves transportation improvements along S. Duff Avenue (US Highway 69) between the Iowa DNR State Forest Nursery and Ken Maril Road. These improvements will address existing safety issues in the corridor as well as meet the requirements associated with the Contract Rezoning Agreement of Brick Towne Development at 3115, 3119, 3301, 3325, 3409, and 3413 South Duff Avenue. As part of the agreement, the developer is responsible for stormwater management for the site (typical of development in accordance with Municipal Code Chapter 5B) as well as additional detention and conveyance as recommended in the Teagarden Drainage Improvement Report. The City is responsible for transportation improvements through Ken Maril Road. The Iowa DOT is contributing funds to rehabilitate the existing pavement of US Hwy 69 through the project corridor.

Staff has been working with Snyder & Associates, Inc. of Ankeny, Iowa on this project. Snyder and City staff have completed plans and specifications for this project with a total estimated construction cost of \$1,864,681.70. Engineering and construction administration costs are estimated at \$335,000, bringing the **total estimated cost for the project to \$2,199,681.70.**

The table below shows the revenues and expenses for this project:

	<u>Revenue</u>	<u>Expenses</u>
G.O. Bonds	\$ 576,000	
State Grants / Funds	\$ 1,400,000	
17/18 Accessibility Enhancement Program	\$ 125,000	
Unobligated G.O. Bonds	\$ 100,000	
Construction (Estimated)		\$ 1,864,681.70
Engineering and Administration (Estimated)		\$ 335,000.00
	<u>\$ 2,201,000</u>	<u>\$ 2,199,681.70</u>

Staff held a project informational meeting with area property owners, residents, and interested persons to receive input on the project timing and staging and design. The comments received were incorporated into the project design, which included maintaining property access throughout construction, coordinating the project timing with the construction along I35, and paving the existing gravel trail along the State Forest Nursery property.

The staging of this project was coordinated with the Iowa DOT and it was determined that a 30-day closure of S. Duff should be used to achieve the best bid prices and to

accelerate the majority of the construction work. Through traffic will be detoured to I-35 using Highway 30 and County Road 210 south of Huxley. **Provisions were included in the plan so that the full closure will be completed before classes resume and football season begins for ISU. Two-way traffic will be maintained through the construction zone after this full closure stage is complete.**

ALTERNATIVES:

1. Approve the plans and specifications for the 2017/18 S. Duff Avenue Improvements project by establishing June 6, 2018, as the date of letting and June 12, 2018, as the date for report of bids.
2. Do not approve this project.

MANAGER'S RECOMMENDED ACTION:

By approving these plans and specifications, it will be possible to improve the safety of this corridor for our residents.

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