CITY OF BRYAN
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ACTION FORM
BRYAN CITY COUNCIL

Meeting Date (?) 12/15/2015

Subject Matter* (?) North Bryan-Woodville Road Sewer Replacement
This must match rolling agenda entry

Department of Origin* WATER SERVICES

Submitted By* J. Barfknecht

Type of Meeting* ○ BCD ○ Special ◉ Regular

Classification* ○ Public Hearing ○ Consent ◉ Statutory ○ Regular

Ordinance* ◉ None ○ First Read ○ Second Read ○ First & Only Read

Strategic Initiative* ☐ Public Safety ☑ Service ☐ Economic Development ☑ Infrastructure ☑ Quality of Life

Agenda Item Description* Consider approving a professional services contract to RME Consulting Engineers for a not to exceed amount of $103,700.

Summary Statement* Water Services has been monitoring and investigating numerous sewer service interruptions in north Bryan. These interruptions extend from Laura Lane near Woodville Road to Hardwood Drive and Waterwood Lane. This area is serviced by a lift station located near the Department of Public Safety office on Highway 6.

After investigating the problem for some time, staff determined the water that backs up in the system is not reaching the lift station due to the sewer mains being under-sized. Staff asked RME Consulting Engineers in the spring of 2015 to conduct a hydraulic analysis of the system with known field observations of overflows. RME determined the size of the line was indeed undersized and recommended increasing the size of the existing 8-inch sewer main to 12-inch.

The limits of the project extend from the lift station south along Highway 6 to Woodville Road. On Woodville Road the sewer main will turn South/Southwest and extend to the Old Hearne Road/Woodville Road intersection. (See attachment for sewer improvements.)

Because the sewer main construction will impact Woodville Road, staff asked RME to design a replacement of Woodville Road from Highway 6 to Old Hearne Road (see attachment for roadway improvement limits). This additional design work will take advantage of survey data already being collected and coordinate the sewer with future roadway improvements. The redesign of Woodville Road will include curb and gutter, sidewalks, and storm drain. The 18-inch waterline under Woodville Road was replaced in 2001 and will not be rebuilt with this project.

If funds are not available to rebuild Woodville Road at this time with the ultimate section (sidewalks, storm drain, and curb and gutter), Woodville Road will be patched back with the sewer construction. However, it is important for the future roadway and sewer improvements to be coordinated for the future. The cost of the professional services contract is approximately 4.3% of the construction cost.

Staff Analysis & Recommendation* Staff recommends approving this design contract to RME Consulting Engineers. This project will help alleviate sewer service interruptions in north Bryan. It will also coordinate future roadway improvements with the sewer improvements. The sewer improvements are a capital project for Water Services in FY16.

Options* (In Suggested Order of Staff Preference)
1. Approve the professional services contract as presented.
2. Modify the professional services contract to not include the rebuild of Woodville Road.
3. Do not make sewer system improvements.

Funding Source*	1. Water Fund Operating Budget (design cost budgeted) 2. Transportation Fee (design funds available)
Attachments	Woodville Proposal-111015.pdf 1.01MB
	Please detail attachments and note attachments available for viewing in City Secretary's Office:
Dept. Head Signature	JAYSON E. BARFKNECHT 12/1/15
Deputy City Manager Signature	Hugh R. Walker
City Manager Signature	
City Attorney Signature	Janis K. Hampton