

City of Fayetteville Staff Review Form

2019-0145

Legistar File ID

3/19/2019

City Council Meeting Date - Agenda Item Only
N/A for Non-Agenda Item

Tim Nyander

2/28/2019

WATER SEWER (720)

Submitted By

Submitted Date

Division / Department

Action Recommendation:

Staff recommends a resolution expressing City Council intent to share in the cost of constructing a regional sewer lift station near Ruppel Road.

Budget Impact:

N/A

N/A

Account Number

Fund

N/A

N/A

Project Number

Project Title

Budgeted Item? NA

Current Budget

\$ -

Funds Obligated

\$ -

Current Balance

\$ -

Does item have a cost? NA

Item Cost

\$ -

Budget Adjustment Attached? NA

Budget Adjustment

\$ -

Remaining Budget

\$ -

V20180321

Purchase Order Number:

Previous Ordinance or Resolution #

Change Order Number:

Approval Date:

Original Contract Number:

Comments:



MEETING OF MARCH 19, 2019

TO: Mayor and City Council

THRU: Don Marr, Chief of Staff

FROM: Tim Nyander, Utilities Director

DATE: February 28, 2019

SUBJECT: **Rupple Road Regional Sewer Lift Station – Intent to Cost-Share**

RECOMMENDATION:

Staff recommends a resolution expressing City Council intent to share in the cost of constructing a regional sewer lift station near Rupple Road.

BACKGROUND:

Rupple Road, between Martin Luther King Blvd. and Persimmon St. was constructed in 2016 by the City of Fayetteville through the transportation bond program. Rezonings in this area were approved by the city council to encourage residential and mixed-use development patterns as well as protect sensitive environmental features. The basin that lies between Centennial Mountain and Broyles Avenue, approximately 450-acres, will need to be served through sewer lift stations in order to pump wastewater up and out of this basin.

DISCUSSION:

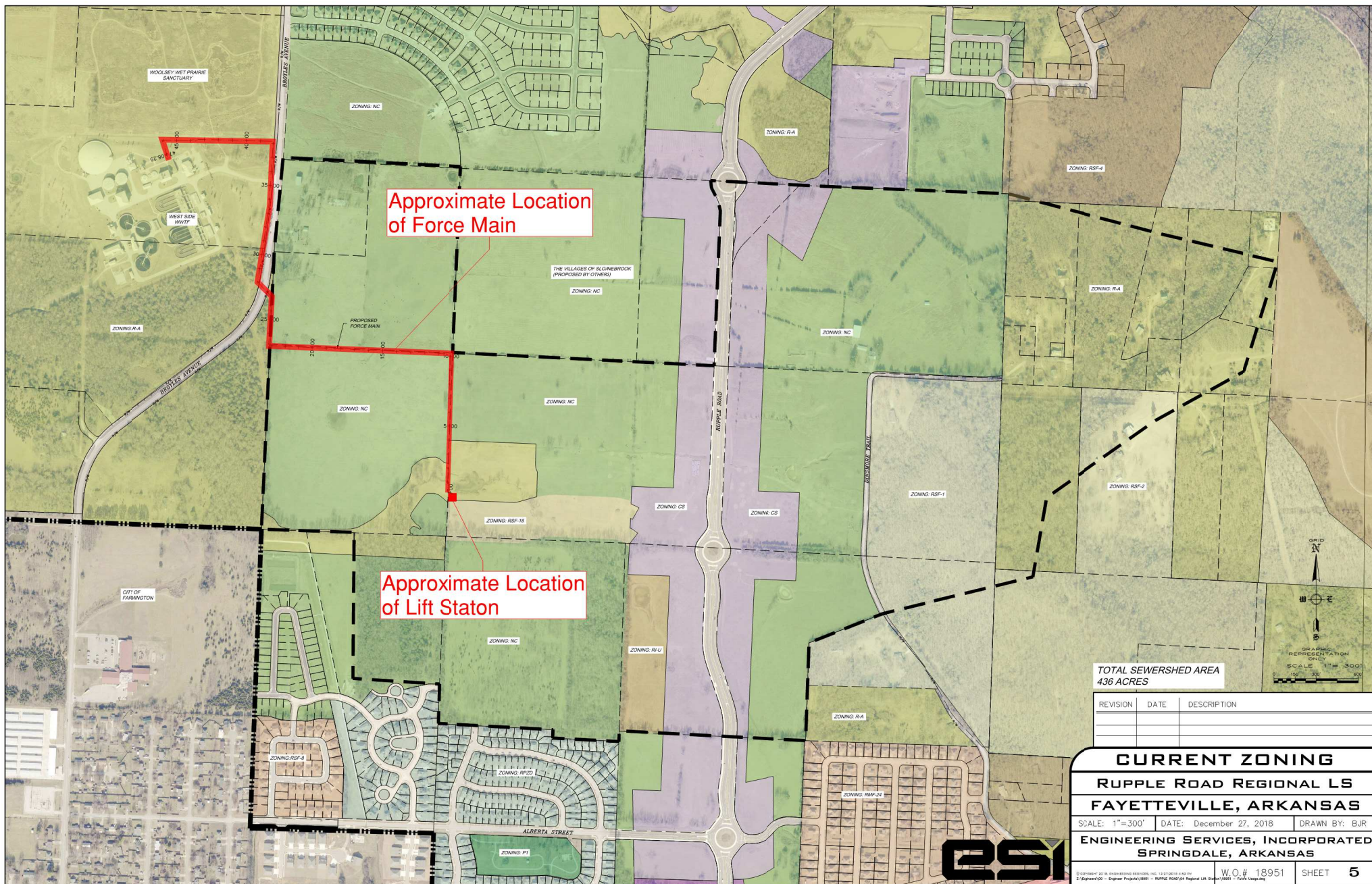
As development proposals have begun in this basin, city staff has identified that serving this basin with one regional lift station, instead of multiple smaller lift stations, will be in the City's best interest for long term maintenance and operational savings. Furthermore, a regional lift station for this area would pump wastewater *directly* to the Westside Water Resource Recovery Facility on Broyles Avenue, avoiding "double-pumping" of the waste by sending it into other existing gravity systems that drain towards existing pumping facilities.

This Intent to Cost-Share is intended to give the developer and engineer confidence to move forward with a regional design approach, knowing that the City will indeed participate in an appropriate cost-share in the future. The exact dollars requested from the City are not known at this time, but would be presented to the City Council in a future agenda item for consideration. The overall preliminary project cost estimation is \$2,087,400.00. Future detailed design will allow more accurate estimations.

BUDGET/STAFF IMPACT:

There are no budget impacts at this time as this is a statement of intent, not obligation of funds.

Attachments: Basin Exhibit; Statement of Probable Costs



Statement of Probable Construction Costs					
Item No.	Item Description	Quantity	Unit	Unit Price	Total Price
1	Regional Lift Station	1	LS	\$995,000.00	\$995,000.00
2	Parallel 8" Force Main	4750	LF	\$100.00	\$475,000.00
3	Connection to West Side Treatment Plant	1	LS	\$100,000.00	\$100,000.00

Subtotal Construction Costs	\$1,570,000.00
Construction Contingency (20%)	\$314,000.00
Total Construction Cost	<u>\$1,884,000.00</u>
Engineering (8%)	\$125,600.00
Construction Observation (4%)	\$62,800.00
Easement Acquisition	\$15,000.00
TOTAL PROBABLE CONSTRUCTION COSTS	<u>\$2,087,400.00</u>

- * Contingent upon review and approval by the City.
- * Rock Excavation, if any, is unknown at this time.
- * Utility Coordination/Relocation is not included.