
Meeting Date

February 1, 2022

New Business Item #1

Subject

Basin 7 West Wastewater Rehabilitation
BWA Project No. 2022-111

Recommendation

Staff recommends the Board of Directors approve the Standard Agreement for Professional Engineering Services (SAPES) with Dunaway for design, bid and construction phase services for the referenced project as described herein.

Background/Analysis

In accordance with the Sanitary Sewer Overflow Initiative (SSOI) Plan submitted by BWA and approved by the TCEQ in 2018, BWA (through its consultant, Pipeline Analysis, LLC) completed a Sanitary Sewer Evaluation Survey (SSES) of west sub-basin of the Basin 7 drainage area, part of BWA's wastewater collection system located South Benbrook. This survey was the fourth in a series of evaluations conducted annually in accordance with the terms of the SSOI Plan.

As part of the approved SSOI Plan, each year BWA is also required to complete the rehabilitation of defects identified in the previous year's survey. The Basin 7 West survey was completed in September 2021 and reviewed by Staff. This survey has been used as the basis for prioritizing rehabilitation efforts in wastewater collection system and accordingly to develop a scope of engineering services for the design of improvements to be constructed in 2022.

This project will consist primarily of manhole and sanitary sewer main rehabilitation and replacement in Basin 7 West service area, to mitigate the potential for future wastewater collection system overflows. The preliminary opinion of probable construction cost for these improvements is approximately \$1.95 million.

A map showing the Basin 7 West sub-basin area which was the focus of last year's study and in which various improvements are to be made is attached to this Staff Report.

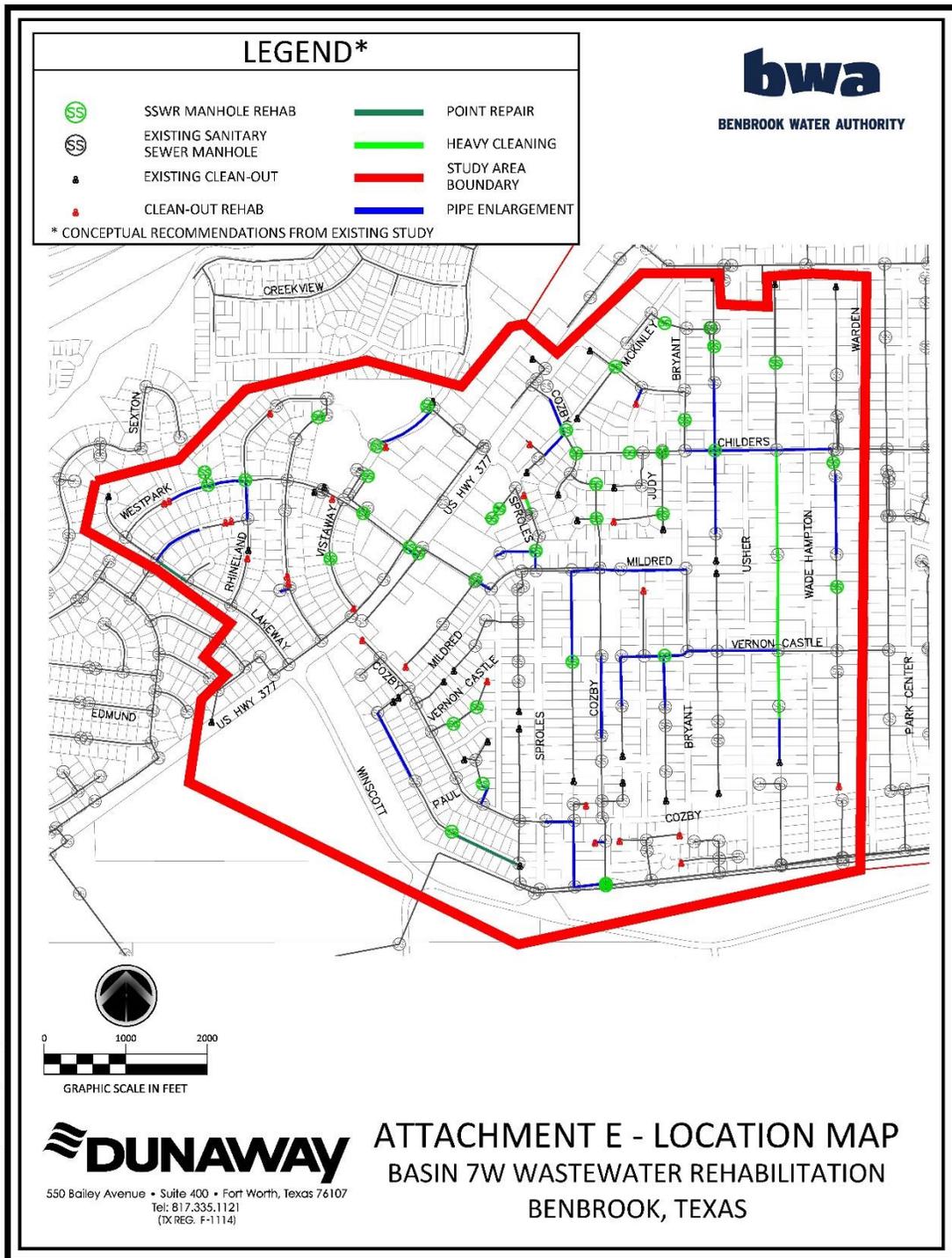
BWA has negotiated a Standard Agreement for Professional Engineering Services (SAPES) with Dunaway to provide engineering, bid phase and construction administration services for this project. Basic Engineering Services include limited topographic survey, preparation of plans, specifications, and contract documents as well as bid phase assistance related to construction of the required improvements and will be provided for a lump sum fee, not to exceed \$179,500. Construction administration services, including general observation, periodic site visits, review of submittals and certification of project completion will be provided on an hourly basis for a fee not-to-exceed \$19,900.

Financial Impact

Funds for the engineering services for the project are available from the Renewal/Rehab Fund.

Fee Summary

Basic Services	Billed Lump Sum, not to exceed	\$175,500
Construction Administration	Billed Hourly, not to exceed	\$19,900
Total Fees		\$199,400



PLOTTED BY: Maria Velazquez ON: Friday, January 14, 2022 AT: 9:25 AM FILEPATH: G:\Production\6000\007800\7896\001\CAD\Exhibits\22-0113 Attachment E.dwg