



**Benbrook Water Authority
Regular Board Meeting
May 5, 2020 at 4:00 p.m.
1121 Mercedes Street
Benbrook, TX 76126**

NOTICE (click to view)

1. Call To Order
2. Invocation
3. Opening Remarks Regarding Remote Meeting Format
4. Citizen Comment On Any Agenda Item
5. Consent Agenda
 - Items listed under Consent Agenda are considered routine and are enacted under one motion. The exception to this rule is that a Board Member, Citizen, or General Manager may request one or more items to be removed from the Consent Agenda for separate discussion and action.
 - 1. Minutes of the Regular Meeting April 14, 2020
 - 2. Change Authorization Form No. 29 with Freese and Nichols for General Engineering Services
6. Reports Of Manager
 1. COVID-19 Update
 2. AWWA Annual Conference Cancellation / Travel Arrangements
 3. Public Relations
7. Snow Garrett Williams
 1. 2019 Annual Audit Presentation
8. New Business
 1. Consider, discuss and possibly approve 2019 Annual Audit
 2. Consider, discuss and possibly approve SAPES with Brown & Gay Engineers (BGE) for 2020 Waterline Renewals (Project 2020-112)
 3. Consider, discuss and possibly approve Change Order No. 2 with Douglas Dailey Construction for the Basin 9 I/I Abatement Construction Project (Project No. 2019-111)

Documents:

[SR-2020-112.PDF](#)

9. Public Comment

All persons wishing to provide public comment should complete a public comment information form and submit it to the General Manager before the meeting.

Documents:

[PUBLIC COMMENT FORM.DOCX](#)

10. Director / Staff Comment

Announcements from Board Members and / or Staff; there will be no discussion or formal action taken on these items.

11. Executive Session

Conduct Closed Executive Session Pursuant to Government Code Section 551.071, to consult with the BWA Attorney Regarding Pending or Contemplated Litigation, Settlement Offers, or on Matters in Which the Duty of the Attorney to the BWA under the Texas Disciplinary rules of Professional Conduct Clearly Conflicts with Chapter 551, Government Code.

Any other item set forth in any section of this notice/agenda Section 551.072, to discuss real estate / real property transaction

12. Re-Convene In Open Meeting

Take and Action Necessary from Executive Session

13. Adjournment

This facility is wheelchair accessible. For accommodations or to inform us of inaccessibility to this meeting, please call 817-249-1250 for assistance. For sign interpretative services, please call 48 hours in advance.



Staff Report

Meeting Date

May 5, 2020

New Business Item #2

Subject

2020 Waterline Renewals – Professional Engineering Services
2020 Standard Specification Development
Project No. 2020-112

Recommendation

Staff recommends the Board of Directors approve the Standard Agreement for Professional Engineering Services (SAPES) with Brown and Gay Engineers (BGE) for the proposed 2020 Waterline Renewals project as previously identified and as described herein, and for Engineering Services required to update the Authority’s Standard Specifications and Details.

Background/Analysis

This project includes professional engineering services required for the design of improvements to the water distribution system in North Benbrook at the following locations:

Street Name	From	To	Approx. Length (ft)	Proposed Size (in)
Van Deman Dr.	Chapin	Delmas Dr.	650	8
Van Deman	Delmas Dr.	Burkett Dr.	2,200	12
Delmas Dr.	Chapin Rd.	Van Deman Dr.	900	8
Burkett Dr.	Van Deman Dr.	12" Water Main	300	12
Van Deman Ct.	Van Deman Dr.	Cul-de-sac	200	6
Schley Ct.	Van Deman Dr.	Cul-de-sac	200	6
Van Deman Dr. (Alley)	Van Deman Dr.	Water Tower (NW)	550	12
		Total	5,000	

A map of the project area is provided on the attached exhibit.

Improvements are proposed primarily to address water mains with a significant work order history and include replacing aging water mains that are of substandard material and/or size as well as realignment of a 12-inch water main located behind homes that is difficult to access and maintain. Elimination of several “ring connections”, which have been associated with several water leaks or breaks along and adjacent to Van Deman Drive is also proposed.

In addition to the services required for the improvements to be constructed with this project, Staff also requested and received a proposed scope of services and fees required to update the Authority’s Standard Construction Requirements (Specifications and Details), which have not been updated since 2005. This effort is necessary to remove outdated standards, incorporate standards utilized since 2005 which have not previously been incorporated, to eliminate conflicting contract language and more generally to provide a more clear and uniform set of standards for use on future BWA capital projects.

A description of the Scope of Work and Fees proposed for this project is provided below:

Basic Services

Basic Services proposed include Survey, Project Management, Design and Bid Phase Services typical for a project of this type. Fees for Basic Services are proposed to be billed on a lump sum basis, not to exceed \$173,920.

Special Services

Special Services proposed include Construction Phase Engineering Services, such as general construction representation, submittal review and construction materials testing. Additionally, the scope of work includes effort to update the BWA Standard Specifications and Details as described above. Special Services will be provided on a time and materials basis, not to exceed \$113,035.

Financial Impact

Funding for the Basic and Special Services (associated with the design and construction of these improvements), totaling \$220,960, are available from the 2019 Bond Funds. Funding for the finalization of Standard Specifications and Details (\$65,995) is available from the Capital Project Reserve Fund.

A summary of fees required for these services are summarized below:

Basic Services

Topographic Survey	\$35,000
Design Phase Engineering and Project Management Services	\$137,690
<u>Bid Phase Services</u>	<u>\$11,320</u>
Total Basic Services (Lump Sum)	\$173,920

Special Services

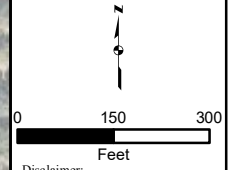
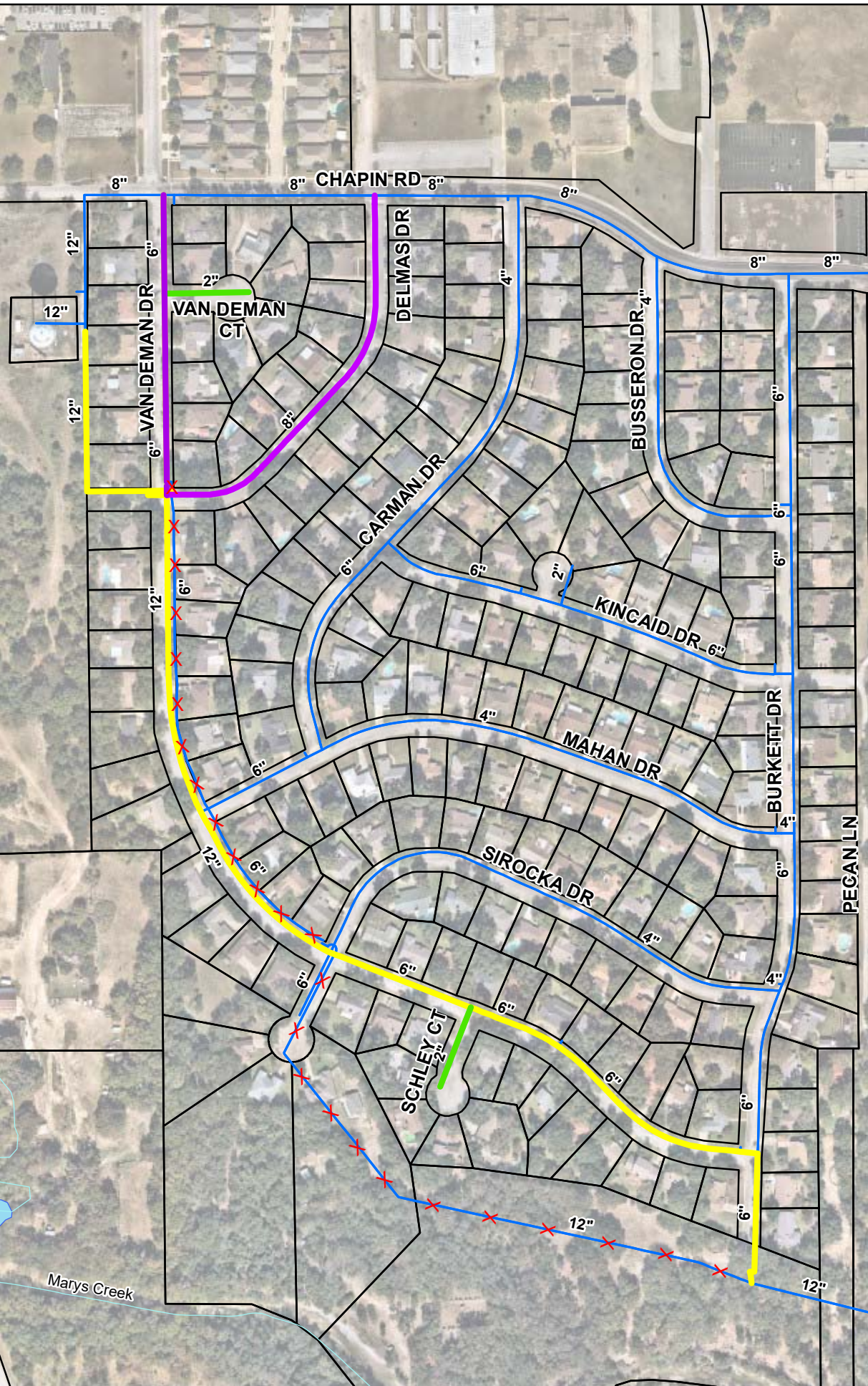
Construction Phase Services (Including Part-time Resident Inspection & Materials Testing)	\$45,040
Standard Specification & Detail Development*	\$65,995
<u>Reimbursable Expenses</u>	<u>\$2,000</u>
Total Special Services (Time & Materials, Not to Exceed)	\$113,035

Total (All Services, Not to Exceed) \$286,955

* Capital Project Reserve Funds (not Bond funds) to be utilized for this effort.



- Prop 6" Water Line
- Prop 8" Water Line
- Prop 12" Water Line
- Water Line to be Abandoned
- X X Existing Water Line
- Parcels



Disclaimer:
Every effort has been made to ensure the accuracy of the basemap data. BGE, Inc. assumes no liability or damages due to errors or omissions.

Date: Jan 2020 Job No: 0738-00

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Waterline Renewal Project

BGE, Inc.
Tel: 817-887-6130
www.bgeinc.com



Staff Report

Meeting Date

May 5, 2020

New Business Item #3

Subject

Basin 9 I/I Abatement Construction – Change Order No. 2
Project No. 2019-111

Recommendation

Staff recommends the BWA Board approve Change Order No. 2 with Douglas Dailey Construction, LLC as proposed and authorize the General Manager to execute the Change Order.

Background/Analysis

Following the December 2019 approval by the BWA Board, in January Douglas Dailey Construction commenced construction of the Basin 9 Infiltration/Inflow (I/I) Abatement Project, which has been undertaken to reduce I/I in the wastewater collection system. The original contract amount, which provided for a combination of manhole rehabilitations and replacement of selected wastewater mains by pipe enlargement (i.e. “pipe-bursting”) or open cut replacement, was \$1,314,704.50. This amount was reduced to \$1,218,099.50 when the BWA Board approved Change Order No.1 at the March 3 Regular Board Meeting.

During the process of open cut replacement of wastewater mains on Chapin Rd. (From Williams Rd. to Coates Cir.) and following additional investigation by the Contractor, Staff and the Engineer, it was determined that pipe-bursting of the sewer main at this location would be preferable due to overcrowding of the utility easement with fiber optic and telecommunication lines. Pipe bursting is normally much less disruptive to customers and adjacent utilities and in this case provides cost savings due in part to the elimination of street cuts and associated pavement repair.

BWA has negotiated Change Order No. 2 with Douglas Dailey Construction, LLC which primarily involves the elimination of one manhole and a change in the replacement method for portions of wastewater mains on Chapin Rd. from open cut replacement to pipe-bursting. If approved, Change Order No. 2 will reduce the total contract amount by \$25,693 (from \$1,218,099.50 to \$1,192,406.50).

Financial Impact

Approval of this item will result in a net savings of \$25,693 in the 2019 Bond Fund Account.

