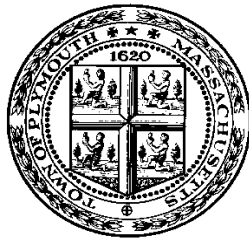


Emergency Wastewater
Force Main Repairs and Redundant
Pipe

MONTHLY UPDATE



Plymouth, Massachusetts

MONTH OF JANUARY, 2017

FIRST PHASE COMPLETED

Progress Updates:

The testing of the last segment of the forcemain was completed on December 31, 2016. The pipeline was commissioned on Tuesday January 10, 2017. Albanese D&S along with the Plymouth Sewer Department completed draining the raw sewerage from the bypass pipes into the Water Street pump station wetwell and started flushing of the bypass pipes using the plant treated effluent water circulating it back into the plant in an effort to flush the bypass. All work was completed in close coordination with Veolia personnel to ensure that plant operation continues while flushing the pipeline. The flushing of the bypass was completed on January 14, 2017. Several taps were installed in the bypass pipes at low points to allow the crew to drain and collect the remaining liquid in the pipelines before pipe dismantling and removal.



Pipe Commissioning on January 10, 2017

On Friday January 11, 2017 C. Brito was informed that the bypass piping is officially offline and pipe monitoring will not be required as of 5:00 pm that date. Subsequently, C. Brito pulled the equipment and light towers off the job site and returned all items to Plymouth Taylor Rental.

Albanese D&S, Inc. continued to have one crew on the project the week of January 16, 2017 and demobilized crew and equipment on Friday January 20, 2017. AD&S completed cleanup and all punch list items by January 20, 2017. AD&S will come back in the spring to complete the remaining items on the punch list consisting mainly of restoration along the bike path and exit 6 off ramp along with some cleanup in the Long Pond Road easement.

Bypass Removal:

The Town of Plymouth is entering into a contract agreement with C. Brito to dismantle the bypass pipes and demobilize all pipeline and other items such as jersey barriers and steel plates offsite. A scope of work was provided to C. Brito outlining specific tasks regarding the removal of the bypass while incorporating work for DPW personnel to assist C. Brito with the pipe removal to expedite the work and reduce overall project costs. Some of the major tasks that will be performed by our DPW forces are as follows:

- Restoration of driveways
- Backfilling and rough grading
- Flushing and collecting the remaining fluid from the pipeline

It is anticipated that the contract agreement will be signed with C. Brito during the first week of February 2017 and their crews will start the work on Monday February 6, 2017. Weather permitting, the work should be completed in 4 to 6 weeks from the start date and 3 to 4 crews will be working along the pipe alignment dismantling and hauling the pipe off site. With regards to the rental of the pipeline, the DPW negotiated with C. Brito a stop rental date of January 10, 2017 on the bypass pipe, and a markup of 10% for overhead and profit instead of their standard 20%. In addition, the Town will pay for hauling of the pipeline in an effort to eliminate the additional markup to C. Brito.

It should be noted that during pipe removal, some of the main roadways will require temporary closure to allow the contractor to extract the pipeline from below driveways and roadways. Those efforts will be coordinated with the Plymouth Police Department through weekly meetings and project coordination. Additionally, flyers will be delivered to those residents that will be affected with the pipe removal and temporary closures.

New 24-inch redundant (2nd) Pipe:

The design of the 24-inch redundant pipe was completed in January 2017. A mandatory pre-bid meeting was held at Town Hall on Monday January 9, 2017 and bids were opened on Tuesday January 24, 2017.

<u>Company</u>	<u>Bid Amount</u>
Albanese Brothers	\$8,834,425.00
Albanese D&S	\$8,473,971.15
D'Allessadro Corp	\$7,332,840.00
DeFelice Corporation	\$10,023,351.00
K.R Rezendes, Inc.	\$8,899,850.00
P. Gioioso & Sons, Inc.	\$7,156,840.00
Revoli Construction Co. Inc.	\$7,236,618.50
Robert B. Our Co., Inc.	\$7,266,625.00
R. Zoppo Corp.	\$7,939,660.00

The 3 lowest bidders are highlighted in the table above. The estimate was \$7,400,000 and the consultant is in the process of checking the references. Once the project is awarded, we anticipate construction to begin in February, 2017 and be completed in the fall of 2017. Final paving and restoration is anticipated for the spring of 2018.

SRF Updates:

The third request for the SRF reimbursement is being drafted and will be submitted to SRF within the following days. The funds for the second reimbursement request were approved by the Clean Waters Trust and received by the Town. The loan will cover the costs of the emergency response phase including force main sliplining and replacement under the Albanese D&S, Inc. contract, and the proposed standby force main, final restoration, engineering and other expenses such as police details and contingencies.

A new SRF application was submitted to the state to include the 24-inch redundant forcemain. A new revised PAC (Project Approval Certificate) is being processed for the entire project amount of \$48.2M to include Contract No. 3 (redundant pipe). Other miscellaneous SRF requirements to complete the approval include the recorded easements for the county piece along Long Pond Road easement and the Chapel Hill Church easement.

***Emergency Forcemain Repairs and Redundant Pipe
Plymouth, MA
Project Costs to date***

<u>ITEM NO.</u>	<u>ITEM DESCRIPTION</u>	<u>CONTRACTOR</u>	<u>AMOUNT PAID</u>	<u>COMMENTS</u>
1	EMERGENCY RESPONSE	C. BRITO	\$14,598,623.80	Through 1/12/2017
2	SEPTAGE HAULERS	VARIOUS	\$1,983,430.70	Through 11/23/2016
3	PIPE ASSESSMENT	NATIONAL WATER MAIN	--	*included with EPG amount*
4	PIPE ASSESSMENT	CORROSION PROBE	\$111,095.00	Through 12/22/2016
5	PIPE REPAIRS	ALBANESE D&S	\$12,831,740.57	Through 12/29/2016
6	ENGINEERING	BETA	\$245,886.41	Through 12/22/2016
7	ENGINEERING	EPG	\$2,865,561.34	Through 12/22/2016
8	POLICE DETAILS	PLYMOUTH/ PLYMOUTH COUNTY	\$477,090.78	Through 12/29/2016
9	MISC.	VARIOUS	\$77,162.36	Through 12/22/2016
Total:			\$33,190,590.96	

Note: Figures above do not include C. Brito's invoices for November and December, 2016 or the cost of the bypass removal. In addition, these figures do not include AD&S invoices for December.