



WEEKLY CONSTRUCTION UPDATE

Project Title: Whitman 20-Inch Force Main Replacement CWSRF - 6885		Report #: EP - 5-5-2023
Project Location: Brockton, MA, and Whitman, MA	From: 5/1/2023	Week: 49
Client: Whitman, MA	To: 5/5/2023	Engineer Project #: 279-1901
On-Site Engineer: Bob Fitzgerald, Environmental Partners		Contact: (508) 776-7556
Contractor: C. Naughton Corp.		

CONSTRUCTION ACTIVITIES COMPLETED THIS WEEK:

1. On Monday (5/1/23), C. Naughton worked on the installation of a 4" plug valve at 920 Auburn Street (Auburnville Way), near Station 36+50. The crew exposed the main, dewatered the trench, set a trench box, and installed approximately 25 feet of 4" PVC pipe with DI bends to make the connection. Additionally, the crew worked on a water service installation at 1245 Auburn Street, near Station 64+00. The crew exposed the DI water main, dewatered the trench, and installed approximately 16 feet of 6" DI pipe with bends to tie into the 6" DI at the property line. Both trenches were backfilled and temporarily paved upon completion of work.
2. On Tuesday (5/2/23), C. Naughton worked on exposing the existing DI force main at Auburn Street Pump Station to determine its condition. The pipe looks to be in good condition. Additionally, the crew started filling the new 20" PVC force main from the hydrant at the Auburn Street Pump Station in preparation for pressure testing.
3. On Wednesday (5/3/23), C. Naughton replaced the pipe and gate valve at the end of pipe on Auburn Street and installed two precast concrete blocks for thrust blocks. This work was related to filling the pipe. The crew also worked on repairing low asphalt spots on Auburn Street.
4. On Thursday (5/4/23), C. Naughton worked on pressure testing the new 20" PVC force main at Auburn Street. The crew completed reassembling the hydrant connection at the Auburn Street Pump Station to the new 20" PVC force main on Auburn Street. The pressure at the start of the test was 80 psi, and remained at 80 psi at the completion of the test. There was no loss in pressure. Therefore, the pressure test passed.
5. All sites were cleaned up at the end of each day.
6. No activities will occur on Friday, May 5, 2023.

WEEK LOOK-AHEAD SCHEDULE:

1. C. Naughton plans on being on-site next week (week of 5/8/2023) to continue working on the following activities:
 - a. Auburn Street Pump Station tie-in connection.
2. Daily traffic updates to the Town's project website will be posted to alert residents of any planned roadway closures and detours.

PROJECT PHOTOS



Photo 1: Installation of 4" Plug Valve near Auburnville Way



Photo 2: 6" DI Water Service Connection at 1245 Auburn Street



Photo 3: Existing DI Force Main Near Auburn Street Pump Station



Photo 4: Replacement of New Force Main End Pipe and Gate Valve

Prepared By: Javier Avila, Engineer, Environmental Partners Group, LLC

Reviewed By: Ziad F. Kary, Regional Manager | Senior Principal, Environmental Partners Group, LLC