



*Municipality of Princeton*

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*Office of the Engineer  
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*DEANNA STOCKTON, P.E., C.M.E.  
Municipal Engineer  
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**IMPORTANT NOTICE REGARDING CLOVER LANE WATER MAIN CONSTRUCTION BY NEW  
JERSEY AMERICAN WATER COMPANY (NJAW)**

September 22, 2020

Dear Clover Lane Residents and Property Owners,

As you may remember, New Jersey American Water (NJAW) Company has allocated funds to replace the water main and services on Clover Lane to address a history of main breaks and to provide upgraded fire flows. In April 2020, Princeton requested that this project be delayed because of a local moratorium on projects that could affect essential services; by the Governor's Executive Order 142, all construction activities were permitted to resume in May 2020. In order to not lose the project funding and to make the much needed replacement, NJAW has requested to move ahead with this project on or about October 15, 2020. A copy of NJAW's letter, which explains the project need, is attached for your information.

**We invite you to attend a virtual meeting on October 6, 2020 at 6:00 pm with New Jersey American Water Company and their contractor, Waters & Bugbee (W&B), to learn more about the work involved and temporary construction impacts.**

Register in advance for this webinar:

[https://princeton.zoom.us/webinar/register/WN\\_nvUUPGHjRt-CQFrhTqN8lw](https://princeton.zoom.us/webinar/register/WN_nvUUPGHjRt-CQFrhTqN8lw)

Or an H.323/SIP room system:

H.323:

162.255.37.11 (US West)  
162.255.36.11 (US East)  
115.114.131.7 (India Mumbai)  
115.114.115.7 (India Hyderabad)  
213.19.144.110 (Amsterdam Netherlands)  
213.244.140.110 (Germany)  
103.122.166.55 (Australia)  
64.211.144.160 (Brazil)  
69.174.57.160 (Canada)  
207.226.132.110 (Japan)

Meeting ID: 976 7526 3530

SIP: [97675263530@zoomcrc.com](mailto:97675263530@zoomcrc.com)

After registering, you will receive a confirmation email containing information about joining the webinar.

The project will begin with the installation of a new 8" diameter ductile iron water main in a new roadway trench to replace the existing 6" diameter cast iron water main. The project work will progress in the following stages:

- 1) Installation of 3,360' of 8" Ductile Iron pipe, including replacement of fire hydrants and / or placement of new fire hydrants – expected duration approximately 3 weeks. Based on this schedule and the length of pipe to be installed, the contractor will be working on a 200 feet section of roadway each day. Aside from any unforeseen situations (i.e. damaging a water line that was not known to exist or the old water main leaking during construction) water service will NOT be interrupted during the first stage of the project.
- 2) Flushing and water quality sampling – expected duration approximately 1 week. No construction noise will be created in this stage.
- 3) Replacement of 50 services lines with new 1" service lines and new meter pits in the grass verge along the roadway – expected duration approximately 4 weeks. Please note, the relocation of your water meter from your house to the meter pit is a separate item of work that NJAW schedules with each individual account holder. Based on this schedule and the number of services, it is anticipated that the contractor will replace 2 to 3 services a day. Service disruptions are limited during this work and additional notices will be provided by the contractor before water service is disrupted.
- 4) Decommissioning and capping old water main – expected duration approximately 3-5 days.
- 5) Restoration of disturbed grass verges will be completed after all pipe and meter pit installation work is finished.
- 6) Final resurfacing of the street will take place in spring / summer 2021.

Specific details regarding construction and things to anticipate:

- All NJAW and W&B personnel on-site will operate in accordance with CDC guidelines regarding COVID-19 health and safety precautions.
- W&B is solely responsible for the establishment and maintenance of all traffic control. It is anticipated that Clover Lane will be closed to all through traffic within the block of construction work. Resident access will be maintained, including all essential services (police, fire, emergency, mail, and waste pick up). Full access to residential street parking will remain in place after hours and on weekends.
- Permitted work hours are Monday through Friday 7 am - 4 pm.
- All utility trenches will be paved and the road opened at the end of each workday.
- Street parking is prohibited in active construction areas.
- There will be construction workers and machinery working on the roadway.
- Please refrain from walking and riding bikes near the active work areas for your safety as well as the safety of the workers.
- Material for construction may be staged in / near the work zone including some machinery parked overnight. Please refrain from any activity near the stored materials.

As Waters & Bugbee progresses with construction, staff from the Princeton Engineering Department will periodically check on the construction activities. If you have questions or concerns, please contact the NJAW Inspector; if you require additional information, please feel free to contact Engineering Department staff.

New Jersey American Water and the Municipality of Princeton appreciates your patience and tolerance as this infrastructure improvement project proceeds in your neighborhood.

Best regards,



Deanna Stockton, P.E., C.M.E.  
Municipal Engineer

Attachment

**Contact Information:**

**New Jersey American Water**

Luis DeAlmeida  
Sr. Construction Inspector  
(908) 455-2936

[Luis.DeAlmeida@amwater.com](mailto:Luis.DeAlmeida@amwater.com)

**Waters & Bugbee**

Shane Abbott  
Construction Manager  
(609) 477-9631

**NJAW Emergency**

1-800-272-1325

**Princeton Engineering Inspector**

Richard Decker  
(609) 751-6826

[rdecker@princetonnj.gov](mailto:rdecker@princetonnj.gov)

**Princeton Construction Engineer**

Ian Baker, E.I.T.  
(609) 455-2555

[ibaker@princetonnj.gov](mailto:ibaker@princetonnj.gov)

**Police Non-Emergency**

(609) 921-2200



120 Raider Blvd.  
Hillsborough, NJ 08844

P 908-431-3225.  
F 908-431-3260

September 11, 2020

**Municipality of Princeton**

400 Witherspoon Street  
Princeton, NJ 08540  
Attention: Deanna Stockton, P.E., C.M.E.  
Municipal Engineer

Re: Clover Avenue Water Main  
Princeton

Dear Ms. Stockton,

In April of this year, Mayor Lempert requested New Jersey American Water postpone the Clover Avenue main replacement project, scheduled to start that month, due to resident concern of the Corona virus. New Jersey American Water's Vice President of Engineering, Don Shields spoke with Mayor Lempert and agreed with the understanding that the project would begin construction in fall of this year if funding was available or early next if funding was not. New Jersey American Water now requests the concurrence of your office to begin construction this October.

This project will bring several benefits to the residents on Clover Ave. The existing main is 6" cast iron, installed circa 1950 and is in poor condition. Residents have experienced service interruptions due to eight (8) main breaks since 2010 and the replacement of the main is the primary driver of the project. Replacing this main with 8" ductile iron will provide much greater service reliability and help prevent future unscheduled interruptions of water service that the residents are currently experiencing.

In addition, unlined cast iron pipe experiences internal tuberculation which reduces fire flows. The new main will also provide improved fire flows in the event of a fire. The existing fire hydrants will also be replaced as part of the project. One additional hydrant that the municipality has requested will also be installed to increase reliability. Residents should also be able to notice improved flow and pressure within their houses after the service connections from the main to the curb stop have been increased from ¾" to 1". Lastly, after the project is completed, New Jersey American Water will be restoring the disturbed area of Clover Avenue with curb to curb pavement overlay which will provide a new riding surface for drivers.



NEW JERSEY  
AMERICAN WATER

New Jersey American is requesting your support to allow this work to proceed at this time for the immediate benefit of the residents on Clover Avenue.

Please feel free to contact me if you have any questions.

Sincerely yours,

Michael Wolan, DBIA  
Engineering Manager