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February 4, 2019

Dear White Pines Resident,

As you are aware, the Village of Bensenville has begun the design engineering phase of the White Pines Water System Replacement Project. As part of the project, many residents within the subdivision will have their water services transferred from the old system in the rear yards to the new system in the public right-of-way in front of your homes. This process will require careful planning in order to find the best and least disruptive path to install the new service line.

In an effort to minimize fieldwork to collect information about over 250 homes, we plan to take advantage of drone technology to gather the necessary data to make sound engineering and practical decisions. Our goal is to minimize the disruption to hardscape (patios, driveways, immovable objects, etc.) and find a path of least impact. Drone technology is being used more and more in the design field and is proven to provide more accurate data collection and thus better design, which in return reduces construction costs.

Christopher B. Burke Engineering, Ltd. (CBBEL), our design engineer, will contract this service to a firm called Drone Ascent. Drone Ascent is a leader in drone modeling. For a list of general FAQs regarding drone modeling and services, please visit their website at www.droneascent.com.

For our project, drone modeling will consist of 5 flight passes, 4 obliques (35°- 45° in each direction) and one nadir (90° straight up and down). No video is taken for modeling, only georeferenced photographs. Flights are typically flown at a minimum of 100' to 150' relative elevation from the ground. Due to the software processing and flight heights, unless a person is standing still for the entire flight they are automatically eliminated from the model, the same with moving cars. Stationary cars could potentially be in the model depending on how long they are stationary, however plate numbers are virtually unreadable. Software does not work well with reflective objects so it cannot see thru windows and are opaque in the model.

Once we gather the necessary data from the drone survey, we will begin to prepare recommendations for service line locations. Each home will be evaluated and designed to provide the least impact during construction. These designs will be shared with the individual homeowners prior to final design.

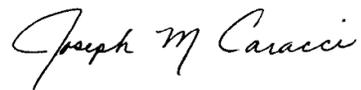
In order to effectively fly the drone, temperatures must be above 30 degrees and the ground clear of snow. We are hopeful to also fly the drones before the spring foliage begins to blossom. The total process should take about six (6) days to complete.

Although many will likely not notice the drones flying above, we wanted to give you advanced notice of this process. We will post the exact dates of the drone flying on the White Pines portal of the Village website at:

<http://www.bensenville.il.us/973/White-Pines-Water-Main-Replacement-Portal>

If you have any questions regarding the process, please feel free to contact Director of Public Works Joe Caracci at (630) 350-3435. We thank you in advance for your understanding and cooperation.

Respectfully,

A handwritten signature in cursive script that reads "Joseph M. Caracci".

Joseph M. Caracci, P.E.
Director of Public Works