

**MINUTES OF THE PARSIPPANY – TROY HILLS
PLANNING BOARD MEETING
MONDAY, MAY 6, 2019**

Chairman Keller called to order the Planning Board Meeting of Monday, May 6, 2019 at 7:30 PM.

Members Present: Mr. Aperawic, Councilman de Pierro, Mr. Dinsmore, Mr. Frigeri, Ms. Hernandez, Mr. Mandel, Mr. Mele, Ms. Vealey, Mr. Von Achen, Chairman Keller

Also Present: Scott Carlson, Carlson Siedsma Warner, Board Attorney
Susan Favate, BFJ Planning, Board Planner
Andrew Cangiano, Keller & Kirkpatrick, Board Engineer

Absent:

Announcement is made that adequate notice of this meeting has been given, that it is being conducted in accordance with N. J. S. A. 10:4-6 et seq. of the New Jersey “Open Public Meetings Act”.

Pledge of Allegiance

Chairman Keller opened the floor to the public for anyone wishing to speak.

Correspondence:

Correspondence was received from Rosemary Stone-Dougherty dated April 30, 2019 requesting Application 18:511 be carried to June 3, 2019 without further notice and any required extensions.

Approved by All.

Resolution:

Mr. Mele made a motion to adopt the Application 19:501, Sylvan Campus Realty for Minor Site Plan, second by Mr. Aperawic.

Approved by All.

Approval of Minutes:

A motion to approve the Minor Committee meeting minutes of April 8, 2019 was made by Mr. Aperawic, second by Ms. Hernandez.

Approved by All.

A motion to approve the Planning Board Minutes of April 8, 2019 was made by Mr. Mandel, second by Mr. Frigeri.

Approved by All.

Agenda:

Application 19:507

PTH PD

Claudine Terrace (4 Volunteers Court), Block: 483 Lot: 2

Mountain Way Rear, Block: 15.8 Lot: 2

459 Pomeroy Road, Block: 736.01 Lot: 3

3339 Route 46, Block: 411 Lot: 24

Courtesy Review

The Board Attorney after speaking with the township attorney recommended voting and approving by resolution courtesy reviews and explained the proposed telecommunications application. The reason for the new procedure is due to a past application of similar type that was challenged by an association who did not come forward during the hearing, but after. There was concern over the proposed in one of the locations and due to the limited noticing for courtesy reviews, the Board wants to take the necessary time to fully examine the application.

Witness, Captain John Wieners, Parsippany Police Officer, was present to give an overview of the current and proposed radio system. The current system over time has been upgraded for many reasons including 911, CAD and voice log but is at the end of its life. The T-Band system, which serves fire, rescue and EMS, causes interference with their radios and compromises security. A new law requires that they are off the T-Band system and on a public safety system by 2023. Another issue is radio coverage in the eastern portion of the township with getting messages across. The last issue is trying to send information from one responder service to another. The proposed will be a four-site system vs. the existing three site system. The antenna on the water tower at North Vail School will be moved to the water tank on Pomeroy Road for better coverage. A monopole is also proposed at the Rescue & Recover site to serve the eastern portion of the township. A 120 ft. tower located at the swim club in Lake Hiawatha is behind the flood wall and is 70 ft. lower than the proposed. This tower cannot be depended upon in another flood situation.

Witness, David Stern, Telecommunication Engineer, was sworn by the Board Attorney and testified that he has been working with the township on the new system. He evaluated the network and found licensing issues which were corrected. The equipment is over 15 years old and as parts broke, it became difficult to replace them. The interference within T-band caused issues to such a point that fire and EMS had to switch to the county system which involve a fee, so the FCC required them to move into a new spectrum and have a system that could handle the new spectrum.

The goal for the new system is to improve coverage, have indoor coverage, added security and communications between emergency services with upgrades built into the new system cost. There will be six channels and four transmitters which will be secure and sites will have back up power generators. A new paging system will be installed for fire and EMS along with a new 800 MHz system should everything go down.

The proposed tower at the Police Department will be a 140 ft. lattice tower with three new antennas and two point-to-point radio systems to talk to the other systems in the network. The equipment will go into the existing equipment shelter and inside the PD building.

The Mountain Way location has a 160 ft. antenna installed on top of the water tank. Three new dish antennas and a whip antenna will be installed. The equipment will be installed in new equipment shelters to replace the old.

The Pomeroy Road equipment will be installed on the top of the water tank. Proposed are three antennas for the new system and one for the back up system. An outdoor equipment cabinet is also proposed. If a fence is required by the water company, one will be installed. A back up generator is also proposed.

The Rescue & Recover location proposes a 180 ft. monopole and a new generator that is tested once a week during the day. The site is a Township location and is 300 ft. from the nearest residential property.

The Board asked the reason for the height of the pole and if a private carrier wanted to locate on the tower which the ordinance promotes, what would have to be done.

The height has to do with the surrounding hills and the poll will be built to support additional antennas.

The Knoll was stated as being a higher location in town and thought to be a better place for the tower but it was stated by the Witness that it is located to far away from the south side of town.

Exhibit A-2, Parsippany Troy-Hills Proposed Police Radio Network System was marked for record.

It shows the boundary and four proposed locations.

Exhibit A-3, Parsippany Troy-Hills Township Proposed Police Radio System Coverage of all sites, dated May 6, 2019, topography of the sites was presented to show blocked coverage sites.

The Witness spoke about the signal levels and how it affects radio coverage due to the terrain.

The Board asked about other possible locations for the equipment, but it was explained why the other locations would not work.

It was thought that the Board of Education leased their location to the Township for R&R's use so the Applicant was asked to provide a copy of the lease to the Board.

In 2012 a network called First Net was created and is a public safety broadband data network which is intended to replace T-band with a new allocated spectrum. Public safety will only use this core meant for Northern New Jersey as needed, otherwise they will use the AT & T network for cell phone use.

The Board took a five-minute break then reconvened with roll call.

Witness, Colleen Connolly, Licensed Professional Engineer, was sworn by the Board Attorney and testified that the Police Department's existing tower is a 140 ft. lattice tower that has antennas for the police and cellular carrier antennas. Two whip and one dish antennas are proposed at the top. One whip antenna will be at 85 ft. and the dish antenna will be at 75 ft. A structural analysis was performed to ensure the tower can hold the existing and proposed equipment. An existing shelter will hold the equipment. Additional cabling is proposed and will go up the center of the tower. No additional lighting is proposed and no additional noise is expected. The dish at the top of the tower is 1 ft. in diameter and the one proposed at 75 ft. will be 4 ft. in diameter.

The water tank at Powder Mill is 160 ft. that has existing mobile carriers with four whip antennas and two dish antennas proposed. A structural analysis was performed to ensure the tower can hold the existing and proposed equipment. An existing shelter will be replaced and will be located within the compound of the water facility. A generator is also proposed.

The water tower at Pomeroy Road is 155 ft. with existing cellular carriers. The proposed four whip antennas and two dish antennas will be attached at the top of the tank. A structural analysis was done to make sure the tank can hold all the equipment. The cables will be routed underground and up the center of the tank. A compound is proposed at grade with an 8 ft. board on board fence. An existing concrete slab will hold three equipment cabinets and another slab is also proposed for a generator.

The R&R location proposes a 180 ft. monopole, five whip antennas and two dish antennas. At the top of the pole there will be three whip antennas with the dish antennas at 150 ft. and 80 ft. The 80 ft. dish antenna will be 4 ft. in diameter and the

150 ft. will be 1 ft. in diameter. Two whip antennas will be at 160 ft. The pole will be located on an existing paved area in the north portion of the lot and designed to hold an additional four whip antennas and four dish antennas in the future. The nearest residential lots are located 322 ft. and 350 – 400 ft. away. Around the monopole will be a 19 ft. x 30 ft. compound with an 8 ft. chain link fence with barbwire on the top for security. A generator is also proposed to provide full back up electrical power to the R&R building and full back up power for the proposed telecommunications. The existing generator will go to the R&R location in Lake Parsippany. Each site will have IP cameras.

Other solutions to the barbed wire were discussed as well as the height and setbacks of the towers.

A motion to carry the application to May 20, 2019 was made by Mr. Mele to give the Board time to make proper recommendation, second by Mr. Aperawic.

Approved by All.

Motion to Adjourn.