

A new monopole with a Distribution Automation (“DA”) antenna and ground-based equipment will be installed adjacent to the Baldwin Substation. In addition, existing vegetation (approximately 0.023 acres) located in the vicinity of the equipment installations will be removed in order to accommodate the installation of the monopole and ground-based equipment. The Baldwin Substation is 1.07 acres in size and located at 2285 Harrison Avenue in the Hamlet of Baldwin, Town of Hempstead, New York and owned by LIPA (Figure A-1).

The following DA Project equipment will be installed at the Baldwin Project Site (“Baldwin Installation”):

- Unpainted galvanized steel monopole and DA antenna – overall aboveground level height of 120 ft. and consisting of a 100 ft. aboveground height monopole and a 20 ft. long, 2.75 in. diameter (at the base), 400 megahertz (“MHz”) omnidirectional antenna. The monopole width is approximately 30 in. wide at its base, 22 in. at its mid-point, and 16 in. at the top.
- 100 ft. monopole foundation – approximately 54 in. diameter, 18 ft. deep, 10.9 cu. yd. of concrete.

Ground-based equipment will include:

- Communications Shelter (building - 9 ft. x 16 ft. x 10 ft. height and 144 sq. ft. floor area) with an attached heating, ventilation and air conditioning (“HVAC”) unit;
- Backup/Emergency Generator (35 kW / 54 Hp);
- Propane Tank (500 gallons) for the backup/emergency generator;
- New seven foot fencing with attached privacy screening and a walk in entrance gate around monopole and ground-based equipment.

Construction work for the DA Project equipment, including vegetation removal and proposed location of new fence, will be limited to an area of approximately 1,000 sq. ft. It is estimated that construction work will last approximately three (3) months. Construction will include excavation work for a monopole foundation and a slab foundation for the shelter, generator and an aboveground propane tank (“ground-based equipment”). Electrical interconnections will also take place within the approximate 1,000 sq. ft. work area.

The location of the existing Baldwin Substation, including the new monopole, is shown in Figure A-2. The extent of vegetation removal and proposed location of new fencing are depicted on Figure A-3.

The area adjacent to the Project Site consists of mixed land uses. North of the site is Sunrise Highway, to the south are single family residences and to the east is Freeport High School. Approximately 2,000 ft. to the southeast of the site is Millburn Pond. A commercial shopping area and a U.S. Postal Office can be found to the west of the site.