A. CONSTRUCTION SCHEDULE AND ACTIVITY

The construction of the Proposed Action will take approximately 14 months and is anticipated to be completed in or around June 2021. The typical work schedule for the Proposed Action would be from 7 AM to 5 PM, Monday to Friday, with possible evening or weekend work as needed.

The installation of the underground distribution exit feeders and C&R work will generally be performed concurrently with the Substation construction activities.

Construction of the expansion area will require clearing, elevating and grading of the property followed by foundation work and equipment installations, both within the expansion area and within the existing Substation. The expansion will include clearing and grading of approximately 1.34 acres. The expansion area will be raised approximately five to six feet in order to match the grade of the existing Substation. Approximately 9,000 cubic yards of clean fill will be sourced from a PSEG Long Island authorized provider to grade the Substation Site. Any excess unsuitable soil generated during construction will be transported off-site for disposal in accordance with applicable federal and state regulations.

Construction of the underground feeder cables will typically include the following activities: asphalt cutting and trenching, and/or horizontal directional drilling (HDD); circuit installation; backfilling; and right-of-way restoration.

Distribution poles will be installed to maximum depths of approximately 6.5 feet and backfilled with concrete and/or excess soil. There may be sporadic short-term electric outages during the distribution pole replacements and associated C&R work. If an outage is required, potentially affected customers will be notified in advance.

All contractors involved in construction will be required to submit an acceptable Health and Safety Plan ("HASP") prior to construction.

B. ENVIRONMENTAL EFFECTS OF PROJECT CONSTRUCTION ACTIVITIES

TRAFFIC

During the majority of the Substation work, there will be no impact on traffic given that much of the work will occur within the Substation Site. Flaggers will be deployed any time traffic needs to be regulated.

Traffic may be impacted temporarily during the installation of the distribution feeders and the C&R work. In the immediate vicinity of construction activities, access to residences and businesses may be temporarily limited, but at no point completely blocked. During work shifts,

a worker will be assigned to move protective barriers to provide access to properties. A path for emergency equipment to access all residences and businesses will be provided at all times. Access will be returned to normal at completion of work. Notifications relating to temporary limited access will be sent in advance to effected local residences and businesses. Therefore, construction activities would will not result in significant impacts to traffic.

AIR QUALITY

Construction vehicles, worker vehicles and construction equipment, as well as dust generating construction activities, generate air pollutant emissions. Overall, the emissions generated during construction of the Proposed Action will be similar to construction emissions from other similar utility construction activities, and further will be temporary. Since construction vehicles, worker vehicles and construction equipment are not expected to operate on a continuous basis during any day, any generated air emissions will not result in adverse impacts to air quality. Therefore, construction activities would will not result in significant impacts to air quality.

NOISE AND VIBRATION

Short term impacts to ambient or background noise levels and vibration levels may be experienced along the Proposed Action route from construction equipment operation, as well as from mobile sources (i.e., trucks and worker vehicles traveling to and from the work site). These impacts, if any, will be temporary in nature and are typical for any utility construction project of this of this type. As such, no significant adverse noise or vibration impacts will occur as a result of construction activities.