

## Project Description

The scope of work for the Undertaking includes a proposed electric bus charging and storage garage to be constructed under State Project #0403-0017. This would be built at the existing CTtransit bus facility located at 26 Elm Court in Stamford, Fairfield County, Connecticut; immediately bounded to the west by the New Haven Line Railroad (NHLR) main line, and to the north by Interstate 95. Site access is presently provided from Myrtle Avenue to the northeast (facility entrance) and Elm Court to the southwest (facility exit) and would remain the case after the proposed improvements.

The proposed electric bus charging and storage garage would be a two-story, concrete block and insulated metal panel building supported by a steel frame with a flat roof. It would measure 160'8" wide by 64'5" deep by 30'5" tall and house 11 buses in six bays (five double bays and one single). The building will be sited along the facility's south property line. This area is presently occupied by a paved surface parking area for buses and an approximately 700 square-foot, one-story, steel frame shed built ca. 1990 which would be removed. A concrete retaining wall (approximately 1-2' high) runs along the southern property line and supports the CTtransit parcel slightly above the neighboring properties, fronting on Elm Street. This wall would be reconstructed as part of the Undertaking as the south foundation wall of the new garage would be in proximity and be reliant upon it for overall structural integrity and stability. The foundation will be a conventional spread footing at shallow depth and the slab on grade will be a 9" reinforced concrete slab. New power, lighting, water, sanitary, mechanical, safety, and security systems would also be provided, as would an emergency generator.

In addition to construction of the electric bus charging and storage garage, State Project #0403-0017 would involve various additional improvements to the existing CTtransit facility. These include the following:

- Replace the existing Myrtle Avenue entrance guard booth and Elm Court exit guard booth with new prefabricated 8' by 16' structures in the existing locations complete with toilet facilities and security and communications equipment.
- Full reconstruction of pavement between the new garage structure and the south maintenance facility, including re-grading the area to improve drainage and replacing catch basins tied into the existing drainage system.
- Mill and pave remainder of site where pavement is not reconstructed.
- Establish new facility circulation and parking patterns by removing the raised island and flag assembly between the two existing buildings and re-striping, re-signing, and installing new curbing throughout the facility. All vehicles will continue to access the site from Myrtle Avenue and exit through Elm Court, where new vehicle barrier gates will also be installed.
- Remove and reset existing light standards adjacent to parking areas following reconfiguration.
- Install three new concrete dumpster pads within the CTtransit facility immediately northwest of the new electric bus charging and storage garage, two measuring 15' by 28' and one measuring 14' by 28'.
- Replace existing chain link perimeter fencing in kind.

All work activities associated with State Project #0403-0017 will take place on property owned by the State of Connecticut and no property takes or easements will be required. Staging and laydown will likely take place on the subject parcel.