

108 Cherry Street Garage Repairs Burlington, VT



The John J. Zampieri State Office Building is located at 108 Cherry Street and houses the Agency of Human Services, Department of Health, and the Department of Children and Families in downtown Burlington, Vermont. Probation and Parole, and jurists also utilize the parking garage. Buildings and General Services retained a consultant to perform a Structural Condition Assessment in November 2018. This report updates a report conducted in 2015.

The garage is situated below the building, consisting of two and a half supported floors and a slab on grade. The garage was built in 1989 and has a capacity of 380 vehicles. The parking garage is rectangular in shape, measuring approximately 340 ft. x 115 ft. and typically consists of two parking bays. The structure of the parking garage consists of a filigree system. This type of system employs precast concrete forms that are cast off site and topped/filled with cast-in-place concrete to create a monolithic structure. The precast concrete forms are cast with steel studs and trusses partially embedded, which are then encased in the cast in place concrete. This allows the precast and cast-in-place elements to act together as a composite structure.

The 108 Cherry Street parking garage is in poor condition. The garage was reported to be in poor condition in 2015, no significant repairs have been performed since that time and the garage has continued to deteriorate at an accelerated pace. The garage requires the implementation of an effective restorative, protective and preventive maintenance program in order to address the current problems and ensure the continued safe usage of the structure.

Our consultant does not believe that the garage can continue to be used for five years unless the significant repairs described in this report are performed. The existing conditions, contamination of the concrete and lack of drainage system will continue to accelerate the rate of deterioration in the garage.

If significant repairs are not performed, it is likely that at least portions of the garage will not be safe for use within the next five years.

Request:

\$12,981,000.00

Location:

108 Cherry Street
Burlington

For:

Structural & Life Safety Repairs

For more information:

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