

Towne Center Parking Garage Structural Assessment

Location:
Virginia Beach, VA

Owner:
City of Virginia Beach

Cost:
\$65,000.00

Projected Completion Date:
2006

This inspection was performed for the City of Virginia Beach to investigate and assess the structural condition of The Town Center Parking Garage (Block 4) following a fire that occurred August 10, 2006.

The goals of this investigation were to provide information on the condition of the structure, the type and severity of the problems in the affected areas and the feasibility of rehabilitating the structure. Fadi Debbas P.E. inspected the structural elements in the affected area for physical appearance, observations of cracking, spalling, deflection, distortions and exposed steel reinforcement. Mr. Debbas also provided the city with an in depth repair procedure for each type of repair to be performed on all the structural members, such as Post Tension beams, slabs, columns, etc.

