



*Above Left: Artist's rendering Pier at Caesar's. Upper Right: Pier before construction. Lower Left: Pier during construction. Lower Right: Pile installation in progress.*

## The Pier at Caesar's

*Atlantic City, New Jersey*

Atlantic City's former "million-dollar pier" became Ocean One shopping mall in the 1980s, and in 2004 it began its transformation into "The Pier at Caesar's", a luxury retail and restaurant complex which will be attached to Caesar's hotel casino by a glass skyway. It will be completed in the summer of 2006.

Mueser Rutledge Consulting Engineers (MRCE) designed modifications to the existing pier deck and foundations to support the new development scheme. Services consisted of a review of the existing pier deck structure and foundations for higher vertical and lateral loads, design modifications design of modifications to existing pier structure and new pile foundations, and preparation of construction documents. During construction, field engineering inspections involved new pile installation and pile load tests.