



NAVY PIER RECONSTRUCTION CHICAGO, ILLINOIS

navy pier reconstruction

NAVY PIER RECONSTRUCTION

OWNER Metropolitan Pier and Exposition Authority (MPEA) | LOCATION Chicago, IL | FACILITY TYPE Warehouse terminal

PROJECT BACKGROUND

Navy Pier, an industrial and commercial warehouse and wharf built in the early 1900's, was converted into an entertainment, recreational, and retail facility. MPEA contracted with Brandenburg for selective demolition and subsequent construction of new water mains, sewer mains, pile preservation, structure repair, sheet pile protection, and pier widening.

SCOPE OF WORK

Removed, transported, and disposed of asbestos, fuel oil, and PCB contaminated equipment

Removed deteriorated pier sheds, warehouses, and elevated rail structures

Preserved architecturally significant structures at ends of pier

Completed selective demolition to preserve existing structural concrete pier and wood pilings below structures to be removed

Constructed one mile of water main and sanitary sewer main through city streets from pier to connection at existing public mains

Constructed sheet steel piling and bentonite slurry wall enclosure to support, protect, and preserve existing wood piling and historic structures

Drove 2000 tubular steel bearing piles to support the proposed half mile long pier expansion

Constructed structural concrete extension and vehicular cul-de-sacs

Installed 1.2 miles of geotextile and graded stone revetment to provide wave protection and erosion control

Completed 20-month project in 12 months to accommodate fast track commercial development to be constructed on renovated pier



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