



Transportation

Ports & Maritime

Client

Port of New York & New Jersey

Location

New York & New Jersey, USA

Intermodal Planning and Design

Project Description

CH2M HILL has provided intermodal planning and design for numerous projects for the Port of New York and New Jersey (PANYNJ). Containerized cargo through the Port of New York and New Jersey is expected to increase in volume by more than 40% over the next 20 years. Significant improvements to the existing port infrastructure are required to support this cargo growth.

CH2M HILL intermodal planners provided the PANYNJ with planning and conceptual design of all of the ports Intermodal Container Transfer Facilities and the associated support track. This includes facilities in Newark New Jersey, Elizabeth New Jersey, and Staten Island, New York. The current master plan contains over 120,000-linear feet of rail, including nearly 45,000 linear feet of loading track. The combined capacity of these facilities will be over 2,000,000 rails lifts (containers) annually. Nearly 30% of the containerized cargo is expected to be rail-borne by 2020. CH2M HILL also prepared the preliminary design for the first phase of support rail development at their terminal.

CH2M HILL is working with Maher Terminals, Inc. providing backland design and construction services (i.e., grading, pavement, and utility improvements) for the reconstruction of their 400+ acre Elizabeth, New Jersey terminal. Existing terminal acreage previously used for bulk, breakbulk, or wheeled storage operations are being converted for grounded container operations.