



Transportation

Ports & Maritime

Client

Port of Tacoma

Location

Tacoma, Washington, USA

General Central Peninsula Terminal Planning

Project Description

CH2M HILL is providing terminal planning services to the Port of Tacoma for development and expansion of the container terminals areas of the General Central Peninsula (GCP) for 100 percent containerized cargo. The GCP encompasses Terminals 3, 4, and 7, the North Intermodal Yard (NIM) and other supporting facilities including various reconfigurations of T7 as a container/general cargo/automotive terminal.

The project involves development of concepts and project costs for a 20 year planning period, including evaluation of various terminal layouts, container yard configurations, gate locations, and intermodal yard locations. The project is being performed in support of the Ports on-going planning function to optimize future terminal expansion efforts at the GCP.

CH2M HILL performed an engineering feasibility analysis of Terminals 7 (A through D), 3, and 4 at the GCP for upgrade of the terminals to modern hi-density container terminal operation. CH2M HILL assessed the suitability of the asphalt pavement on Terminals 7D, 3 and 4 for operations utilizing both Straddle Carriers and RTG loadings and operating repetitions.

CH2M HILL developed alternative layouts and each layout incorporated operational requirements of modern container terminal, including gate operations with current Customs security equipment requirements in place (Radiation Portal Monitors).