

Structural Design of Flood Barrier Wall and Wet-Well Ceiling at the PVSC Effluent Pump Station



Design Data

Owner

Passaic Valley
Sewerage
Commissioners

■ ***Location***

Passaic Valley
Sewerage Authority,
New Jersey

■ ***Total Project Cost***

\$438,000.00



PCI provided structural design and specifications for the construction of a new structural steel framework and wall plates to be mounted as shown inside the Effluent Pump Room and outside over the Influent Well No.2, against the exterior masonry wall. The Installation in the inside barrier wall of a watertight door. Removal and disposal of the existing aluminum ceiling tiles and frames over operating Influent wells. Replacement of above suspended ceiling with a new all PVC suspended ceiling. Provision and removal of temporary working platforms over the two operating influent wells, for the installation of the suspended ceiling. Plumbing modifications. Other miscellaneous work required to complete the project.

PCI completed the construction administration for the project.

PCI
Professional Consulting, Inc.

Consulting Engineers