

PhilaPort

VARIOUS FACILITIES – CONDITION ASSESSMENT OF ALL WATERFRONT STRUCTURES

PHILADELPHIA, PA | PROJECT COST: \$1,149,359 |
COMPLETED IN JANUARY 2018



S.T. HUDSON ENGINEERS, INC.
Professional Engineers and Consultants



PROJECT SUMMARY

S. T. Hudson Engineers was contracted to provide a full assessment of all PhilaPort piers and waterfront structures. These assessments allowed Hudson to demonstrate its wide-ranging capabilities including our in-house diving services, structural analysis, and construction estimating.

Despite the large project scope, Hudson was able to complete the assessments and generate the full report in less than a year. Using this report, PhilaPort was able to accurately assess the current condition of all port facilities, determine and prioritize maintenance and repair budgets, and plan for the next 3-5 years of asset allocation and safe terminal operations.

PROJECT CONTACT

PhilaPort
Ms. Lisa Magee
Director of Engineering
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PROJECT STATS

13 piers and terminals inspected
70 days of dive inspections
Over 5,000 total engineering man-hours
Over 1,000 pages of reports

SERVICES

P.E. diving services with report
Infrastructure assessments of buildings, cranes, utilities, fire protection sys, paving, and masonry
Reporting of assessments with compilation and recommendations on replacement and repair costs.