

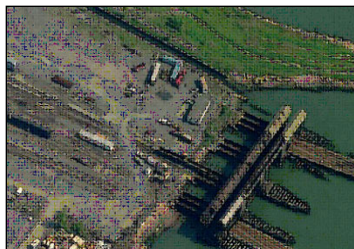


KS Engineers, P.C.

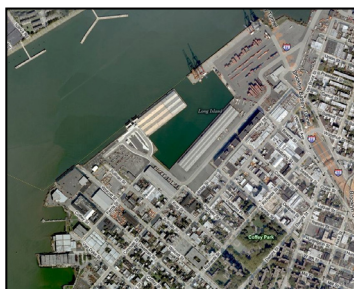
Engineers . Surveyors
Construction Managers

New Jersey
New York
Pennsylvania
Connecticut

info@kseng.com
www.kseng.com



Former Conrail site in Jersey



Port Newark/Port Elizabeth
Facilities

Call-In Topographic and Boundary Survey for 2007, 2008, and 2009

Various Locations in New York and New Jersey

PROJECT NAME

Professional Topographic and Boundary Surveying Services (MBE/WBE) on a "Call-In" Basis During 2007, 2008, and 2009

PROJECT OWNER/CLIENT

Port Authority of New York & New Jersey
Port Authority Technical Center
241 Erie Street
Jersey City, NJ 07310
Richard W. Carlson, Jr., PLS, CP
201.595.4852
Richard Danko, PLS
201.595.4839



Newark Liberty Airport

START/END DATES

2007 – 2009

CONTRACT AMOUNT

\$1,300,000 (To Date)

PROJECT DESCRIPTION

KS Engineers, P.C. (KSE) was contracted by the Port Authority of New York & New Jersey (PANYNJ) to provide topographic and boundary surveying on a "Call-In" basis at various PANYNJ facilities.

KSE performed the following tasks under this contract:

Assignment # 1 – Survey at Newark Liberty Airport, NJ – The project consisted, in part, of working on existing runways at night, pile locations, and random topographical mapping within the Airport as requested.

Assignment # 2 – Facility Utility Coordinator – KSE personnel worked out of Port Authority offices, with responsibilities including the mapping of underground utilities for the NJMT facility and the daily operations of field crews for utility mark-out and location. KSE was also responsible for the maintenance of records for construction mark-outs for Port Redevelopment and TAAs. KSE coordinated survey work for Port Redevelopment construction projects throughout the facility, provided information and locations of underground utilities for Authority Maintenance use, coordinated work from the Construction Management Division and Central Survey Group, coordinated access and expedited security access to sites within the terminals, provided support to Port Facilities and Port Maintenance for construction and maintenance issues, and provided mapping for various PA departments' use. Daily attendance records were maintained for consultants assigned to facility utility locations. In addition, an inventory system of facility utility structures was created for PA Facility Maintenance use.

Assignment # 3 – Survey at Port Newark/Port Elizabeth, NJ – The project consisted, in part, of wall monitoring, pile locations, As-Built surveys, random topographical mapping, etc. within Port Newark/Port Elizabeth, as requested.

Assignment # 4 – Surveying Services, Jersey City, NJ – The project consisted of field work, research, calculations, and CADD work, to Port Authority Standards, in conducting an ALTA Survey of the 125±-acre former Conrail site in Jersey City, Hudson County, NJ.

Assignment # 5 – PATH Harrison Station, Harrison, NJ – Development of an ALTA survey of the station site and multi adjoining properties. The surveying tasks included the review of a large title report, research of adjoining properties, establishment of GPS control, development of deed plotlines indicating deed calls, field locations of physical features, evidence of possession and deed calls, and development of an ALTA survey plan to PANYNJ CADD Standards.

Assignment # 6 – PATH Tubes Right of Way – Land surveying in connection with the development of easement plans surrounding the PATH tubes between New Jersey and New York under the Hudson River. Easement plans and descriptions were developed to meet PANYNJ standards, New Jersey standards, and New York standards.

Assignment # 8 – Survey – Lincoln Tunnel Vent Building, Manhattan, NY – KSE developed a modified ALTA/ACSM survey for the location of the marginal road bulkhead, to determine its location relative to PANYNJ properties. The existing bulkhead was below the existing sidewalk in front of the vent building.

Assignment # 9 – Greenville Yards Master Plan Study – Aerial control for aerial photogrammetric mapping of 345± acres in Jersey City, NJ for the development of mapping contours at 0.20-foot accuracies.