

SIDNEY M. JOHNSON, PE – EXECUTIVE ENGINEER

EDUCATION: Bachelor's and Master's Degrees in Civil Engineering – Yale University

REGISTRATIONS: Professional Engineer – New York, New Jersey, Connecticut, Massachusetts, Rhode Island and Maryland.

EXPERIENCE:

Present Executive Engineer: Envar Services, Inc., Consulting Engineers. In charge of all waterfront design activities of the firm.

1981 to 2002 Principal: Sidney M. Johnson and Associates, consulting engineers. In charge of design of following waterfront Projects:

1. Rehabilitation of Piers 4A and G, Philadelphia Naval Shipyard
2. Rehabilitation of Drydock No. 4, Philadelphia Naval Shipyard
3. Design of Pier Alpha, Charleston Naval Shipyard
4. Repair Fueling Pier (No. 12), U.S. Naval Air Station Annex, Bermuda
5. Design of New Wharf for Westvaco Plant, Charleston, S.C.
6. Rehabilitation of beachfront bulkhead, Folly Beach, S.C.
7. Strengthening of Columbus Street and Union Street wharves, Charleston, S.C.
8. New Coal Transshipment Facility, Kwangyang Bay, Korea
9. Bulkheading for Windmill Harbor, Hilton Head Island, Georgia
10. Rehabilitation of Seawall at Queensbridge Park, New York City
11. Report on Innovative Design Concepts, U.S. Navy, plus about a dozen lesser projects not related to waterfront construction.

1979 to 1981 Principal: Morrissey-Johnson, Consulting Engineers. In charge of design of several waterfront projects of similar nature to those listed above.

1953 to 1979 URS/Madigan-Praeger, Inc., consulting engineers, New York. Progressed through various positions to Vice President and Division Manager. In charge of design waterfront facilities, special projects, and in-house consultant on foundation problems. Experience includes "in-charge" participation in the design of over 200 waterfront projects, a dozen of the more salient of which include:

1. Port at Sharma-Red Sea Coast of Saudi Arabia: Two, general-cargo and one POL berths. New port on undeveloped coast
2. Port at Ras Al Mishab-Arabian Gulf: Three general cargo and one dedicated cement unloading berth. New port on undeveloped coast
3. Service Pier, Trident Submarine Base, Bangor, Washington

4. Container Ship Berths (two), Norfolk, Virginia (Norfolk Intl. Terminals)
5. Pier 94, Hudson River, New York City
6. Cruise Ship Pier at Frederiksted, U.S. Virgin Islands
7. Destroyer Berthing Pier - Elefsis, Greece
8. Carrier Piers at Norfolk, Virginia and at Roosevelt Roads, Puerto Rico
9. Ammunition Depot Pier, Yorktown, Virginia
10. Small Craft Harbor at Palmas Del Mar, Puerto Rico
11. Cargo Berth and Bulk Unloading Facility on the Jari River at Munguba, Brazil
12. Covered Barge Berth at Yabucoa, Puerto Rico

1949 to 1953

Draftsman/designer/field inspector with Hardesty and Hanover, consulting engineers, New York City (an internship position providing broad, varied experience).

MILITARY SERVICE:

1944 to 1946 – United States Marine Corps.

AWARDS:

1. “Grand Conceptor” Award by American Consulting Engineers Council – 1979 for design of the drydocking facilities on the Jari River, Brazil. This is the premier, national award.
2. First prize in various categories in annual competition of New York Association of Consulting Engineers – 3 occasions.

ACADEMIC:

Adjunct Assistant Professor at Polytechnic Institute of New York, for over 15 years. Taught various courses in structural and foundation engineering.

PUBLICATIONS:

1. Textbooks:
 - a. *Deterioration, Maintenance and Repair of Structures*: McGraw-Hill Book Co.
 - b. *Design of Foundations for Buildings*: McGraw-Hill Book Co. (with T. C. Kavanagh)
 - c. *Structural and Foundation Failures - A Case Book*: McGraw-Hill Book Co. (with B. La Patner)
2. Articles in Professional Journals: Approximately 12
3. U.S. Navy (NAVFAC) Design Manuals:
 - a. DM2 – *Structural Engineering*
 - b. DM25 – *Waterfront Operational Facilities*
 - c. DM26 – *Coastal Engineering*
 - d. DM38 – *Weight-Handling Equipment*
4. Building Code:
 - a. Structural and foundation provisions of the Building Code of City of New York (in effect until 2008)
 - b. Waterfront Code for City of New York