



FREDERICK JORDAN

Principal Civil Structural
Environmental Engineer
&
Construction Manager

Coastal Engineering
Airport Engineering
High-Rise Engineering
Roadway Design
Water Supply Control
Environmental Planning
Bridges Tunnels

F. E. Jordan
Associates Inc.



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PROFESSIONAL REGISTRATION

As Principal-In-Charge, Frederick Jordan is responsible for project administration, direction and technical excellence for most of the major projects undertaken by the firm. He supervises or reviews preparation of all reports, designs, research and development for these projects.

Mr. Jordan has been directly connected with over 500 projects covering most areas of civil, structural, environmental, hydraulics, hydrology, transportation, environmental engineering and construction management. His responsibilities have included the full spectrum of feasibility studies, comprehensive reports, master planning, system designs, financial studies, research, final design, value engineering, start-up, maintenance, and development programs.

RELEVANT PROJECTS

Mr. Jordan was the principal-In-Charge for the following representative projects: • St. Regis 42 Story Hotel & Condominiums and Museum, San Francisco, CA (\$200 million) -Developer Partner

- Boarding Area G, San Francisco International Airport (\$142 million) - Joint Venture (JV) Construction Manager

- Hunters Point 500 Acre Development of Housing and Waterfront Structures (\$1 billion) - Prime Civil Engineer

- Oakland, CA International Airport Expansion (\$1.4 billion) -VJ Program Manager-Planning/ Arch./Eng./Const. Mgt.

- Howard Container Terminal, Port of Oakland, CA (\$25 million) - Port Engineers

- TraPac, Matson and Transbay Container Terminals, Port of Oakland, CA - \$60 million - Port Engineers

- 18 Story Oakland Administration Building, Oakland, CA (\$38 million) - Structural Engineering

- North Field Cargo Facility, - San Francisco International Airport, CA (\$55 million) - Architects and Engineers

- Wastewater and Drainage Engineering Services for City of San Francisco (\$6 million fee) - Prime Consultant

30/ BDESCA

- Las Virgenes Wastewater Plant Expansion, Calabasas, CA (\$36 million) - VJ Wastewater Engineers

- San Francisco Airport Elevated Roadways, Highway Ramps and Site (\$242 million)-JV Construction Managers

- Caltrans Construction Management - District VI Roads and Bridges, Oakland, CA; District 7 Bridges, Los Angeles, CA; District 1 Bridges and Roads, San Diego, CA (\$192 million)

- State Route 13/24 Interchange Bridges, Tunnel, Roads, Oakland, CA - (\$40 million) - Highway Design Engineers

- Dar Es Salaam Port Access 8 Highway Bridges, Dar es Salaam, Tanzania (\$30 Million) - Highway Design Engineers

- Recreational Master Planning of 20,000 Acres for US Park Services - Planners



FRED JORDAN
Principal In Charge PE
Project Manager

Coastal Engineering
Container Port Planning
Airport Engineering
High-Rise Engineering
Road Design
Water Supply
Waste Water Control

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PROFESSIONAL SUMMARY

Mr. Jordan has over 30 years of experience associated with ports, harbors and coastal facilities. As a former Assistant Chief Engineer of an international port facility, he holds a B.S. in Civil Engineering, Howard University and M.S. in Civil Engineering, Stanford University specializing in Transportation. He is a registered Professional Engineer in California and 15 other states.

Mr. Jordan has been the Project Director on most of the firm's coastal projects, including the Richmond South shore Marina, Richmond, California; Puget Sound Naval Shipyard piers and Dry Docks, Washington; Pier 94, Port of San Francisco Piers 1 1/2, 3 and S; San Diego Naval Station; Switzer Channel Bulkhead, San Diego; Lake Sonoma Marina and Boat Launch; East Palo Alto Marina, East Palo Alto, California; Stanwood Levee, Stanwood, Washington State; and Island County Coastal Flooding Project.

He has extensive experience working with the Port of Oakland, leading designs for the Charles P. Howard Container Terminal, and planning on the Joint Intermodal Terminal. In addition, he has served as Project Director for backland projects at the San Francisco Container Terminal North, Pier 80, and the San Francisco Container Terminal South, Pier 94. Mr. Jordan has been the Project Director for over 100 Transportation projects in his professional career. He has been his firm's Project Director on the planning and design of over 25 rail projects since 1970, including yard design for up to 18 railroad companies.

PROFESSIONAL REGISTRATION

- 1967 Civil Engineering, California

Also a registered professional engineer in the States of Washington, Oregon, Idaho, Colorado, Arizona, Massachusetts, Maryland, Virginia, District of Columbia, Texas, Georgia, Missouri, Illinois, Indiana, and Wisconsin.

EDUCATION

- M.S. Civil Engineering/ Transportation, 1976, Stanford University
- B.S. Civil Engineering, 1961, Howard University

M.S., Civil Engineering, Transportation & Environmental Engineering, Stanford University, Stanford, CA

Graduate Program, Structural Engineering, Northeastern University, Boston, MA Graduate Program, Airfield Planning and Management, US Air Force Institute of Technology, Dayton, Ohio

B.S. Civil Engineering, Howard University, Washington, DC

Registered Civil and Professional Engineer: California and 15 other States