

Satyajit Vaidya, PE

Senior Associate / Vice President
Geotechnical Engineering and Project Management



19 years in the industry ~ 17 years with Langan

Mr. Vaidya has close to 20 years of geotechnical engineering experience with particular emphasis on design and construction of foundations for high-rise structures in urban areas. Mr. Vaidya's specific areas of expertise include planning and implementing sub-surface investigations; engineering shallow and deep foundation systems; inspection of soil compaction and foundation sub-grade preparation; static and dynamic load testing of driven pile foundations; design and installation of driven piles, mini-piles, auger pressure-grouted displacement (APGD) piles, and rock-socketed caissons; tie-back and tie-down anchor design and construction; design and monitoring of soil surcharges; design and construction of temporary and permanent excavation support systems; Plaxis finite element modeling; geotechnical instrumentation monitoring; and . He has obtained extensive fieldwork, office supervision, and project management experience on several projects in New York and New Jersey.

Selected Projects

New York Wheel, Staten Island, New York, NY
Central Park Tower Development, New York, NY
250 South Street development, New York, NY
One 57 Development, New York, NY
610 Lexington Avenue Development, New York, NY
The Orion, 350 West 42nd Street, New York, NY
The Tower Residences (Battery Park Site 2A), New York, NY
363 and 365 Bond Street Development, Brooklyn, NY
18-30 MW Offshore Wind Farm, Offshore NJ
Meadowlands Xanadu, East Rutherford, NJ

Other Key Projects

236 Livingston Street Development, Brooklyn, NY
303 East 51st Street, New York, New York
250 East 57th Street Development, New York, NY
508 West 24th Street development, New York, NY
Gem Tower Development (55 West 46th Street), New York, NY
225 West 58th Street Development, New York, NY
135 West 45th Street Development, New York, NY
535 West End Avenue Development, New York, NY
Parrish Art Museum Development, Water Mill, Long Island, NY
100 West 18th Street Development, New York, NY
255 Hudson Street Development, New York, NY
330 Spring Street Development, New York, NY
The Standard (856 Washington Street) Development, New York, NY
499 Greenwich Street Development, New York, NY
Bank Street Commons, White Plains, NY
Watchung Square Mall, Watchung, NJ

Education

M.S., Civil Engineering (Geotechnical)
University of Massachusetts, Amherst

B.E., Civil Engineering
University of Mumbai, India

Professional Registration

Professional Engineer (PE) in NJ and NY

Affiliations

Deep Foundations Institute (DFI)

DFI India Regional Committee

American Society of Civil Engineers
(ASCE)

Geo Institute of ASCE

LANGAN

Satyajit Vaidya, PE

Nathani Heights Development, Mumbai, India
Revanta Development, Gurgaon, India