



## JOB DESCRIPTION

**JOB TITLE:** Senior Preservation Engineer  
**REPORTS TO:** Senior Principal  
**STATUS:** Full time, Non-Exempt  
**LOCATION:** Washington, DC  
**REQUISITION #:** 2021-XXXX

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**NOTE:** Job descriptions are subject to change at any time and may be routinely updated. This position description is intended to provide a general understanding of the nature and scope of the position; however, employees may be occasionally called upon to perform duties not specifically included below.

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### SUMMARY:

Robert Silman Associates Structural Engineers, D.P.C., a T.Y. Lin International Company (“Silman”), is an award-winning structural engineering firm based in New York City with offices in Boston, Washington, DC, Ann Arbor, Chicago, and Los Angeles. In our 55-year history, Silman has fostered an approach centered on constant collaboration between owners, architects, and consultants to provide quality structural engineering services for renovation, preservation, and new construction projects across all architectural practice areas.

We are currently seeking a highly skilled Senior Structural Engineer with 5+ years of experience specifically related to historic buildings preservation. The ideal candidate will be familiar with a variety of advanced investigation techniques (NDE, material testing, monitoring and numerical modeling).

### DUTIES AND RESPONSIBILITIES:

- Act as Project Manager for the design and construction administration of various building types.
- Oversee design team, site-work inspectors and contractors, leveraging engineering/architectural knowledge to ensure quality work is being produced by inspectors, technicians, and that proper codes and standards are being complied on assigned tasks and projects.
- Conduct field visits and perform construction administration to ensure work is in compliance with plans, specifications and construction control documents.
- Prepare project data for schedules, assist in preparing schedules and budgets in order to monitor progress reports.
- Oversee change orders negotiations with contractors.
- Communicate with and seek approval from Client before proceeding with any new work or changes in work.
- Engage in business development activities, including attending industry events and other related community involvement.
- Prepare proposals (technical and financial) in response to RFP’s issued by our Clients.
- Additional responsibilities as assigned.

**QUALIFICATIONS (INCLUDING EDUCATION and/or JOB EXPERIENCE):**

- Master's Degree in Structural or Civil engineering.
- P.E. license required and at least 5+ years of design experience.
- Experience in the execution of investigation, design, and construction projects as a project manager/technical lead.
- Proficiency with Autodesk REVIT would be considered an asset.
- Experience in the following technical areas:
  - Archaic structural systems
  - Advanced investigation techniques (NDE, monitoring, testing, etc.).
  - Documentation of existing conditions
- Client focused, always striving to give clients the best solutions.
- Strong commitment to innovation by creating new and better ways to solve clients' toughest challenges.
- High levels of integrity, always doing the right thing in an ethical, fair, and sustainable way.
- Demonstrated experience of collaboration in a diverse and inclusive team, working together toward technical excellence.

**ABOUT T.Y. LIN INTERNATIONAL:**

T.Y. Lin International (TYLI) is a full-service, professional engineering firm focused on the planning, design, and construction of infrastructure solutions for public and private clients worldwide. The firm is an internationally recognized pioneer in solving the most difficult engineering challenges. Headquartered in San Francisco, California for over 65 years, TYLI has more than 3,200 professionals throughout the Americas, Asia, and Europe. TYLI is a member of Dar Group, a global, privately-owned professional services group, and its industry-leading family of Global Infrastructure companies.

*The Company is an equal opportunity employer and we prohibit discrimination and harassment of any type as protected by federal, state, or local laws. We celebrate diversity and are committed to creating an inclusive environment for all employees.*